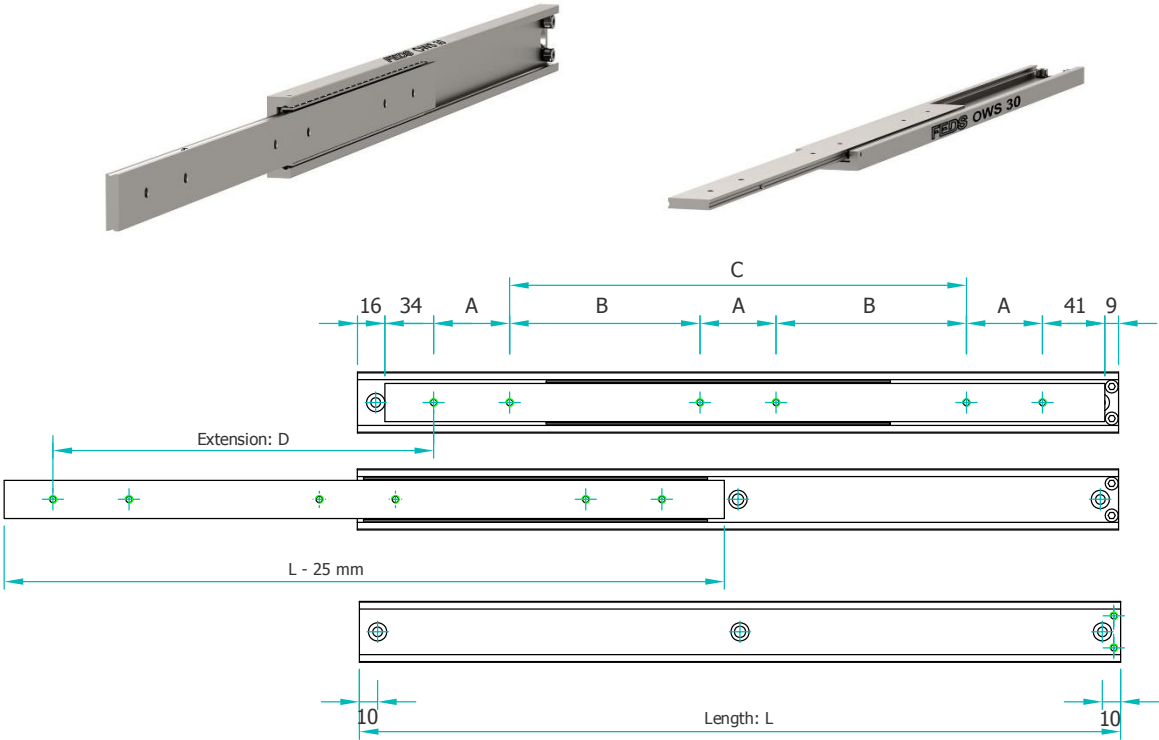
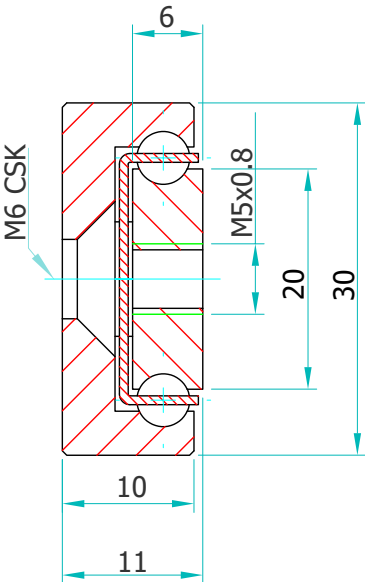




Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWS3011 weighs 2.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS3011.0200	200	100	90	50	-	-
OWS3011.0250	250	125	110	50	-	50
OWS3011.0300	300	150	130	50	-	100
OWS3011.0350	350	175	150	50	-	150
OWS3011.0400	400	200	180	50	-	200
OWS3011.0450	450	225	240	50	-	250
OWS3011.0500	500	250	260	50	-	300
OWS3011.0550	550	275	270	50	150	-
OWS3011.0600	600	300	280	50	175	-
OWS3011.0650	650	325	260	50	200	-
OWS3011.0700	700	350	240	50	225	-
OWS3011.0750	750	375	220	50	250	-
OWS3011.0800	800	400	200	50	275	-
OWS3011.0850	850	425	180	50	300	-
OWS3011.0900	900	450	160	50	325	-
OWS3011.0950	950	475	140	50	350	-
OWS3011.1000	1000	500	120	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

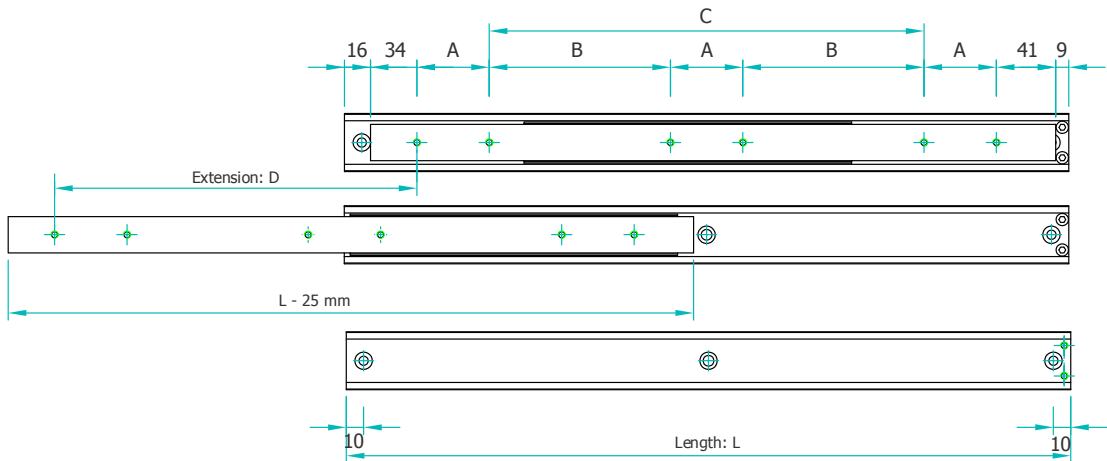
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

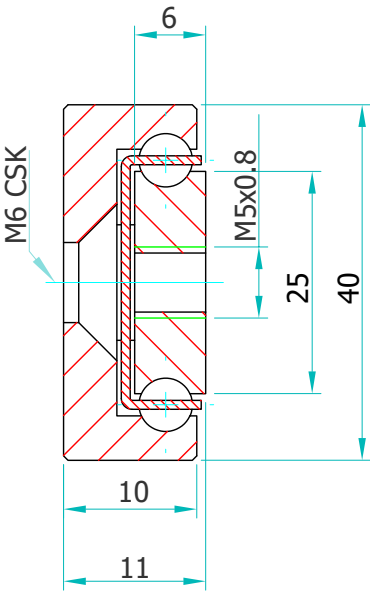
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWS4011 weighs 3.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS4011.0200	200	100	90	50	-	-
OWS4011.0250	250	125	110	50	-	50
OWS4011.0300	300	150	130	50	-	100
OWS4011.0350	350	175	150	50	-	150
OWS4011.0400	400	200	180	50	-	200
OWS4011.0450	450	225	240	50	-	250
OWS4011.0500	500	250	260	50	-	300
OWS4011.0550	550	275	270	50	150	-
OWS4011.0600	600	300	260	50	175	-
OWS4011.0650	650	325	250	50	200	-
OWS4011.0700	700	350	240	50	225	-
OWS4011.0750	750	375	230	50	250	-
OWS4011.0800	800	400	220	50	275	-
OWS4011.0850	850	425	210	50	300	-
OWS4011.0900	900	450	200	50	325	-
OWS4011.0950	950	475	190	50	350	-
OWS4011.1000	1000	500	180	50	375	-
OWS4011.1050	1050	525	160	50	400	-
OWS4011.1100	1100	550	140	50	425	-
OWS4011.1150	1150	575	120	50	450	-
OWS4011.1200	1200	600	100	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 – c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

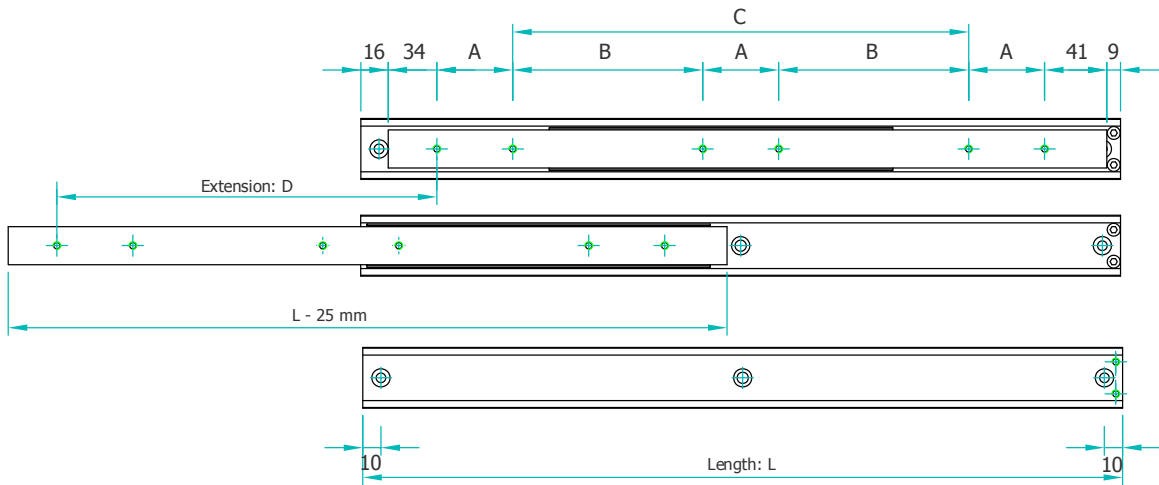
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

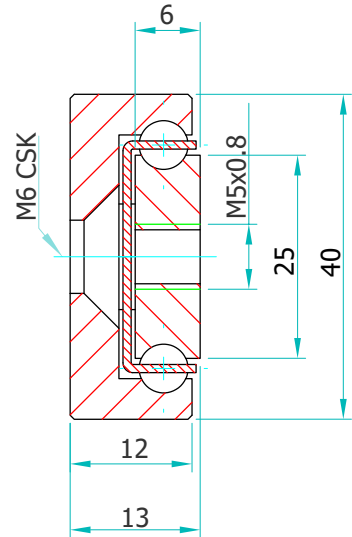
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWS4013 weighs 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS4013.0200	200	100	90	50	-	-
OWS4013.0250	250	125	110	50	-	50
OWS4013.0300	300	150	130	50	-	100
OWS4013.0350	350	175	150	50	-	150
OWS4013.0400	400	200	180	50	-	200
OWS4013.0450	450	225	240	50	-	250
OWS4013.0500	500	250	260	50	-	300
OWS4013.0550	550	275	280	50	150	-
OWS4013.0600	600	300	270	50	175	-
OWS4013.0650	650	325	260	50	200	-
OWS4013.0700	700	350	250	50	225	-
OWS4013.0750	750	375	240	50	250	-
OWS4013.0800	800	400	230	50	275	-
OWS4013.0850	850	425	220	50	300	-
OWS4013.0900	900	450	210	50	325	-
OWS4013.0950	950	475	200	50	350	-
OWS4013.1000	1000	500	190	50	375	-
OWS4013.1050	1050	525	170	50	400	-
OWS4013.1100	1100	550	150	50	425	-
OWS4013.1150	1150	575	130	50	450	-
OWS4013.1200	1200	600	110	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

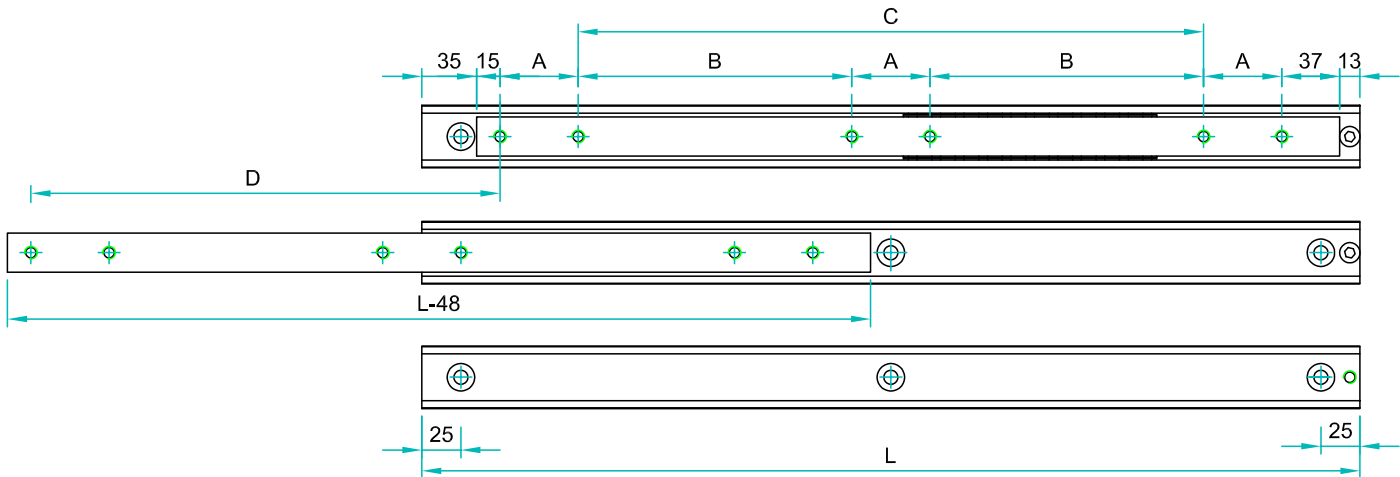
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

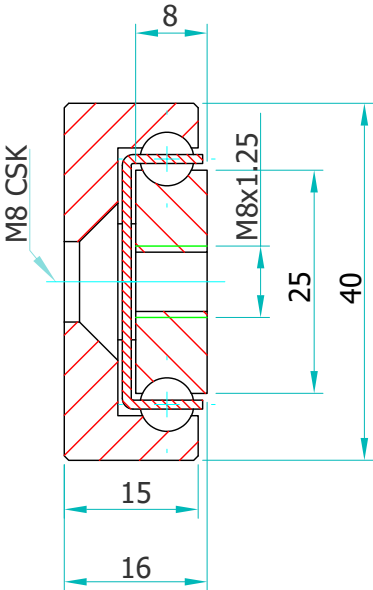
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWS-4016 weighs 4.0 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS4016.0200	200	100	240	50	-	-
OWS4016.0250	250	125	250	50	-	50
OWS4016.0300	300	150	260	50	-	100
OWS4016.0350	350	175	280	50	-	150
OWS4016.0400	400	200	300	50	-	200
OWS4016.0450	450	225	315	50	-	250
OWS4016.0500	500	250	330	50	-	300
OWS4016.0550	550	275	340	50	150	-
OWS4016.0600	600	300	350	50	175	-
OWS4016.0650	650	325	355	50	200	-
OWS4016.0700	700	350	360	50	225	-
OWS4016.0750	750	375	345	50	250	-
OWS4016.0800	800	400	335	50	275	-
OWS4016.0850	850	425	320	50	300	-
OWS4016.0900	900	450	305	50	325	-
OWS4016.0950	950	475	280	50	350	-
OWS4016.1000	1000	500	265	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWS–4016 weighs 4.0 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	“A”	“B”	“C”
OWS4016.1050	1050	525	250	50	400	-
OWS4016.1100	1100	550	240	50	425	-
OWS4016.1150	1150	575	230	50	450	-
OWS4016.1200	1200	600	220	50	475	-
OWS4016.1250	1250	625	200	50	500	-
OWS4016.1300	1300	650	180	50	525	-
OWS4016.1350	1350	675	160	50	550	-
OWS4016.1400	1400	700	140	50	575	-
OWS4016.1450	1450	725	120	50	600	-
OWS4016.1500	1500	750	100	50	625	-
OWS4016.1550	1550	775	80	50	650	-
OWS4016.1600	1600	800	60	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

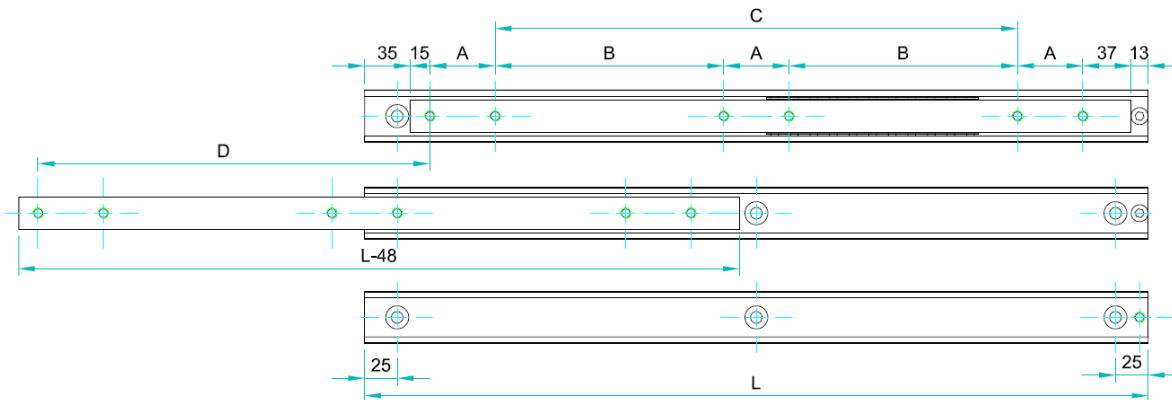
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

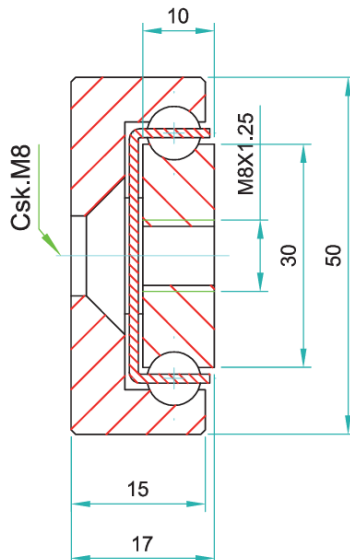
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" - V shape channel raceways
 "F" - one outer beam countersunk
 "SB"- stainless steel ball bearings
 "SC"- stainless steel ball cages
 "SA"- stainless steel stopping pins and bolts



OWS-5017 weight 5.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS5017.0200	200	100	330	50	-	-
OWS5017.0250	250	125	340	50	-	50
OWS5017.0300	300	150	360	50	-	100
OWS5017.0350	350	175	380	50	-	150
OWS5017.0400	400	200	400	50	-	200
OWS5017.0450	450	225	420	50	-	250
OWS5017.0500	500	250	440	50	-	300
OWS5017.0550	550	275	460	50	150	-
OWS5017.0600	600	300	470	50	175	-
OWS5017.0650	650	325	480	50	200	-
OWS5017.0700	700	350	485	50	225	-
OWS5017.0750	750	375	475	50	250	-
OWS5017.0800	800	400	460	50	275	-
OWS5017.0850	850	425	450	50	300	-
OWS5017.0900	900	450	435	50	325	-
OWS5017.0950	950	475	420	50	350	-
OWS5017.1000	1000	500	400	50	375	-
OWS5017.1050	1050	525	385	50	400	-
OWS5017.1100	1100	550	365	50	425	-
OWS5017.1150	1150	575	340	50	450	-
OWS5017.1200	1200	600	320	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWS-5017 weight 5.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS5017.1250	1250	625	300	50	500	-
OWS5017.1300	1300	650	280	50	525	-
OWS5017.1350	1350	675	270	50	550	-
OWS5017.1400	1400	700	260	50	575	-
OWS5017.1450	1450	725	250	50	600	-
OWS5017.1500	1500	750	240	50	625	-
OWS5017.1550	1550	775	230	50	650	-
OWS5017.1600	1600	800	220	50	675	-
OWS5017.1650	1650	825	200	50	700	-
OWS5017.1700	1700	850	180	100	650	-
OWS5017.1750	1750	875	160	100	675	-
OWS5017.1800	1800	900	140	100	700	-
OWS5017.1850	1850	925	120	100	725	-
OWS5017.1900	1900	950	100	100	750	-
OWS5017.1950	1950	975	80	100	775	-
OWS5017.2000	2000	1000	70	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

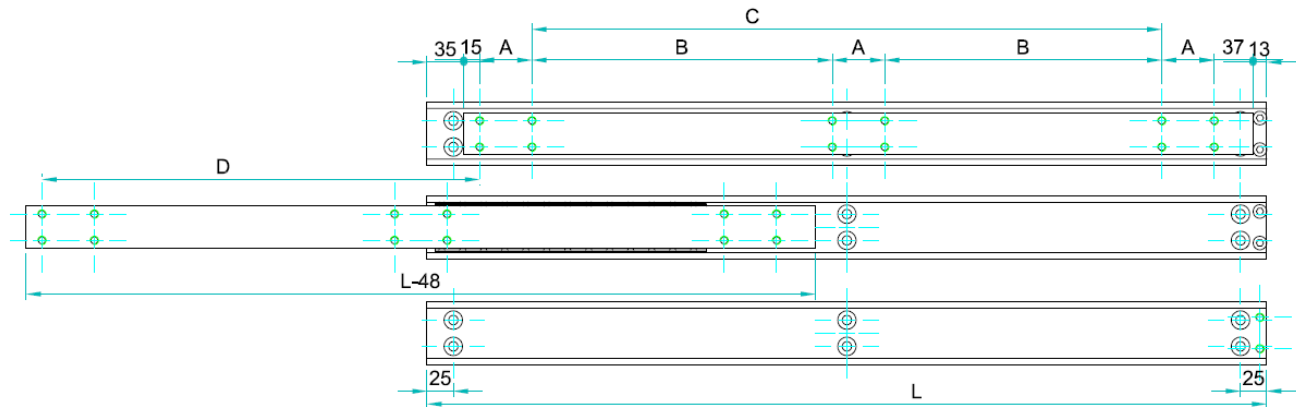
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

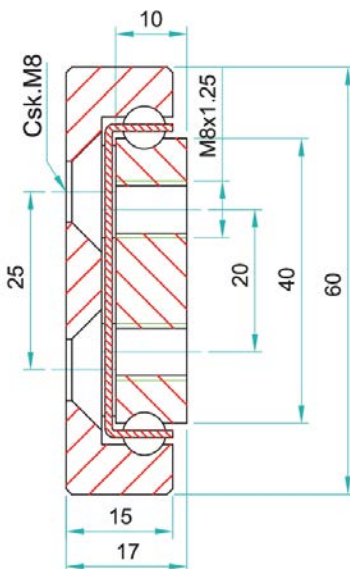
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" - V shape channel raceways
 "F" - one outer beam countersunk
 "SB"- stainless steel ball bearings
 "SC"- stainless steel ball cages
 "SA"- stainless steel stopping pins and bolts



OWS-6017 weight 7.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS6017.0200	200	100	440	50	-	-
OWS6017.0250	250	125	480	50	-	50
OWS6017.0300	300	150	520	50	-	100
OWS6017.0350	350	175	560	50	-	150
OWS6017.0400	400	200	610	50	-	200
OWS6017.0450	450	225	660	50	-	250
OWS6017.0500	500	250	710	50	-	300
OWS6017.0550	550	275	720	50	150	-
OWS6017.0600	600	300	730	50	175	-
OWS6017.0650	650	325	740	50	200	-
OWS6017.0700	700	350	750	50	225	-
OWS6017.0750	750	375	740	50	250	-
OWS6017.0800	800	400	720	50	275	-
OWS6017.0850	850	425	700	50	300	-
OWS6017.0900	900	450	680	50	325	-
OWS6017.0950	950	475	660	50	350	-
OWS6017.1000	1000	500	640	50	375	-
OWS6017.1050	1050	525	610	50	400	-
OWS6017.1100	1100	550	580	50	425	-
OWS6017.1150	1150	575	550	50	450	-
OWS6017.1200	1200	600	520	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWS -6017 weight 7.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS6017.1250	1250	625	490	50	500	-
OWS6017.1300	1300	650	480	50	525	-
OWS6017.1350	1350	675	460	50	550	-
OWS6017.1400	1400	700	440	50	575	-
OWS6017.1450	1450	725	420	50	600	-
OWS6017.1500	1500	750	390	50	625	-
OWS6017.1550	1550	775	360	50	650	-
OWS6017.1600	1600	800	340	50	675	-
OWS6017.1650	1650	825	315	50	700	-
OWS6017.1700	1700	850	290	100	650	-
OWS6017.1750	1750	875	275	100	675	-
OWS6017.1800	1800	900	250	100	700	-
OWS6017.1850	1850	925	220	100	725	-
OWS6017.1900	1900	950	190	100	750	-
OWS6017.1950	1950	975	160	100	775	-
OWS6017.2000	2000	1000	130	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

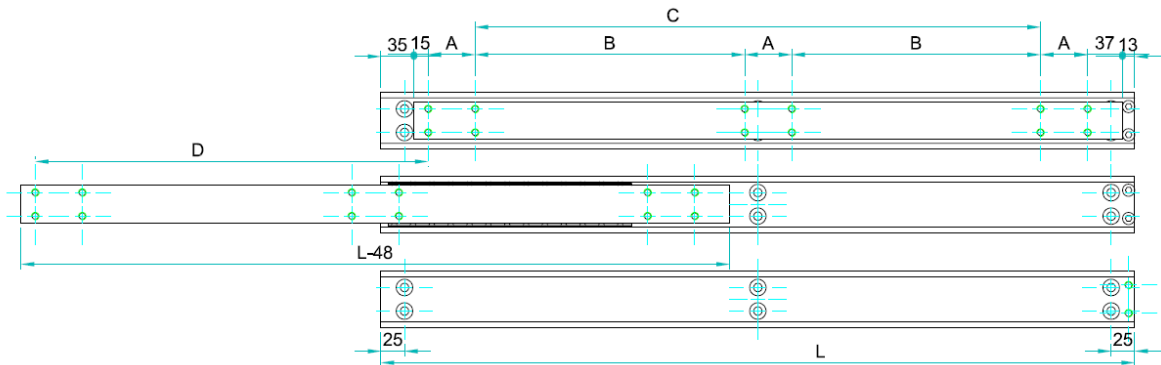
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

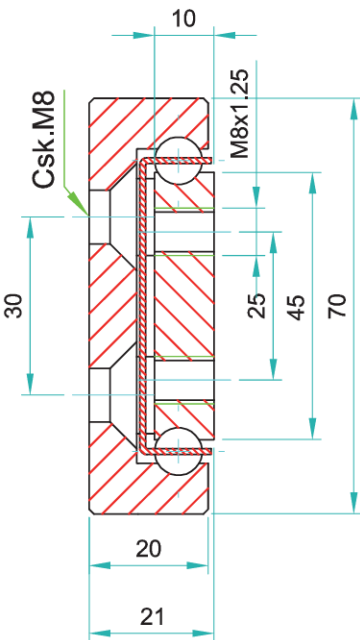
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWS-7021 weights 9.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS7021.0200	200	100	720	50	-	-
OWS7021.0250	250	125	760	50	-	50
OWS7021.0300	300	150	800	50	-	100
OWS7021.0350	350	175	830	50	-	150
OWS7021.0400	400	200	860	50	-	200
OWS7021.0450	450	225	890	50	-	250
OWS7021.0500	500	250	930	50	-	300
OWS7021.0550	550	275	960	50	150	-
OWS7021.0600	600	300	980	50	175	-
OWS7021.0650	650	325	1020	50	200	-
OWS7021.0700	700	350	1060	50	225	-
OWS7021.0750	750	375	1030	50	250	-
OWS7021.0800	800	400	990	50	275	-
OWS7021.0850	850	425	940	50	300	-
OWS7021.0900	900	450	860	50	325	-
OWS7021.0950	950	475	800	50	350	-
OWS7021.1000	1000	500	750	50	375	-
OWS7021.1050	1050	525	710	50	400	-
OWS7021.1100	1100	550	670	50	425	-
OWS7021.1150	1150	575	630	50	450	-
OWS7021.1200	1200	600	600	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWS -7021 weights 9,2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS7021.1250	1250	625	570	50	500	-
OWS7021.1300	1300	650	540	50	525	-
OWS7021.1350	1350	675	510	50	550	-
OWS7021.1400	1400	700	490	50	575	-
OWS7021.1450	1450	725	470	50	600	-
OWS7021.1500	1500	750	450	50	625	-
OWS7021.1550	1550	775	420	50	650	-
OWS7021.1600	1600	800	400	50	675	-
OWS7021.1650	1650	825	390	50	700	-
OWS7021.1700	1700	850	680	100	650	-
OWS7021.1750	1750	875	365	100	675	-
OWS7021.1800	1800	900	350	100	700	-
OWS7021.1850	1850	925	340	100	725	-
OWS7021.1900	1900	950	330	100	750	-
OWS7021.1950	1950	975	320	100	775	-
OWS7021.2000	2000	1000	310	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

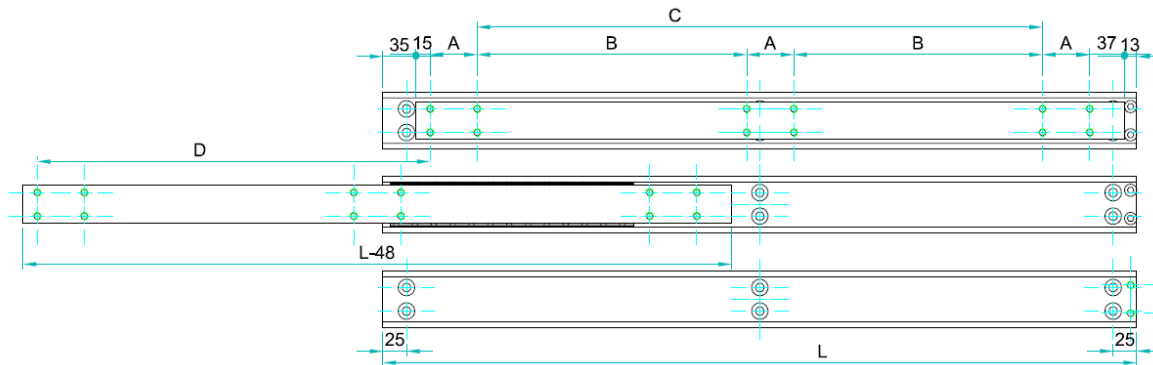
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

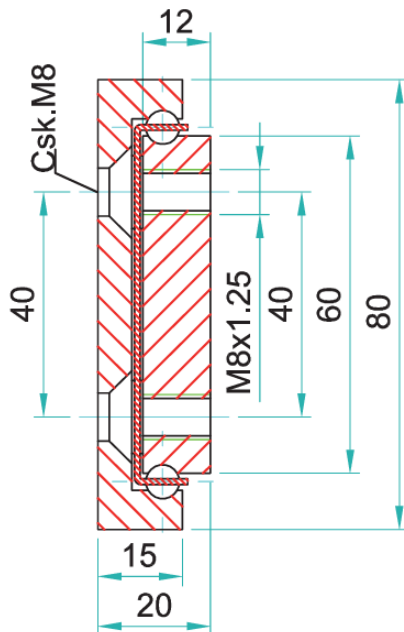
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



OWS-8020 weights 10.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS8020.0200	200	100	850	50	-	-
OWS8020.0250	250	125	920	50	-	50
OWS8020.0300	300	150	960	50	-	100
OWS8020.0350	350	175	980	50	-	150
OWS8020.0400	400	200	1000	50	-	200
OWS8020.0450	450	225	1030	50	-	250
OWS8020.0500	500	250	1080	50	-	300
OWS8020.0550	550	275	1110	50	150	-
OWS8020.0600	600	300	1150	50	175	-
OWS8020.0650	650	325	1180	50	200	-
OWS8020.0700	700	350	1210	50	225	-
OWS8020.0750	750	375	1190	50	250	-
OWS8020.0800	800	400	1160	50	275	-
OWS8020.0850	850	425	1110	50	300	-
OWS8020.0900	900	450	1070	50	325	-
OWS8020.0950	950	475	1030	50	350	-
OWS8020.1000	1000	500	970	50	375	-
OWS8020.1050	1050	525	960	50	400	-
OWS8020.1100	1100	550	940	50	425	-
OWS8020.1150	1150	575	910	50	450	-
OWS8020.1200	1200	600	880	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWS -8020 weights 10.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS8020.1250	1250	625	840	50	500	-
OWS8020.1300	1300	650	800	50	525	-
OWS8020.1350	1350	675	770	50	550	-
OWS8020.1400	1400	700	740	50	575	-
OWS8020.1450	1450	725	700	50	600	-
OWS8020.1500	1500	750	650	50	625	-
OWS8020.1550	1550	775	630	50	650	-
OWS8020.1600	1600	800	600	50	675	-
OWS8020.1650	1650	825	580	50	700	-
OWS8020.1700	1700	850	560	100	650	-
OWS8020.1750	1750	875	550	100	675	-
OWS8020.1800	1800	900	530	100	700	-
OWS8020.1850	1850	925	510	100	725	-
OWS8020.1900	1900	950	490	100	750	-
OWS8020.1950	1950	975	470	100	775	-
OWS8020.2000	2000	1000	450	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

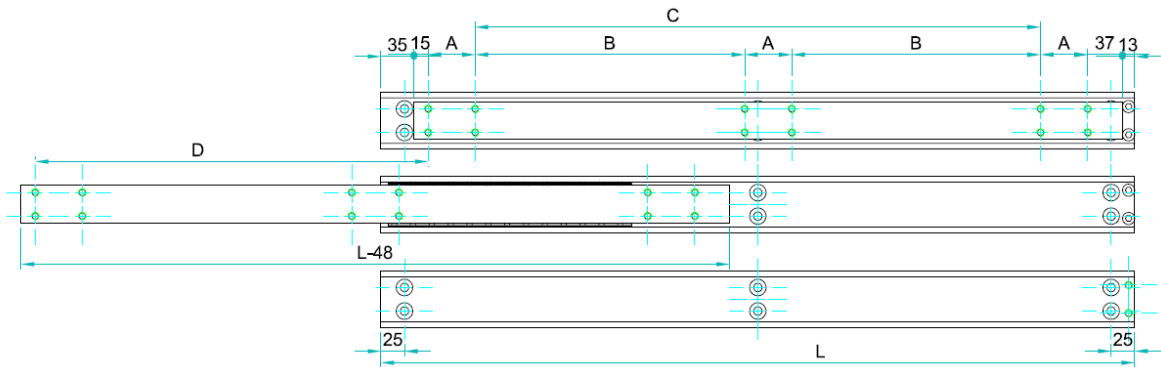
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

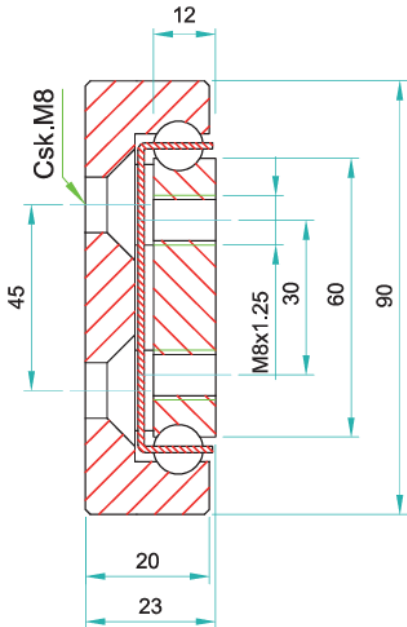
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWS-9023 weights 13.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS9023.0300	300	150	1260	50	-	100
OWS9023.0350	350	175	1300	50	-	150
OWS9023.0400	400	200	1380	50	-	200
OWS9023.0450	450	225	1440	50	-	250
OWS9023.0500	500	250	1480	50	-	300
OWS9023.0550	550	275	1520	50	150	-
OWS9023.0600	600	300	1550	50	175	-
OWS9023.0650	650	325	1580	50	200	-
OWS9023.0700	700	350	1600	50	225	-
OWS9023.0750	750	375	1560	50	250	-
OWS9023.0800	800	400	1500	50	275	-
OWS9023.0850	850	425	1440	50	300	-
OWS9023.0900	900	450	1360	50	325	-
OWS9023.0950	950	475	1320	50	350	-
OWS9023.1000	1000	500	1240	50	375	-
OWS9023.1050	1050	525	1180	50	400	-
OWS9023.1100	1100	550	1100	50	425	-
OWS9023.1150	1150	575	1010	50	450	-
OWS9023.1200	1200	600	950	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWS-9023 weights 13.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS9023.1250	1250	625	900	50	500	-
OWS9023.1300	1300	650	850	50	525	-
OWS9023.1350	1350	675	810	50	550	-
OWS9023.1400	1400	700	780	50	575	-
OWS9023.1450	1450	725	730	50	600	-
OWS9023.1500	1500	750	690	50	625	-
OWS9023.1550	1550	775	650	50	650	-
OWS9023.1600	1600	800	630	50	675	-
OWS9023.1650	1650	825	610	50	700	-
OWS9023.1700	1700	850	600	100	650	-
OWS9023.1750	1750	875	590	100	675	-
OWS9023.1800	1800	900	580	100	700	-
OWS9023.1850	1850	925	565	100	725	-
OWS9023.1900	1900	950	545	100	750	-
OWS9023.1950	1950	975	525	100	775	-
OWS9023.2000	2000	1000	510	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

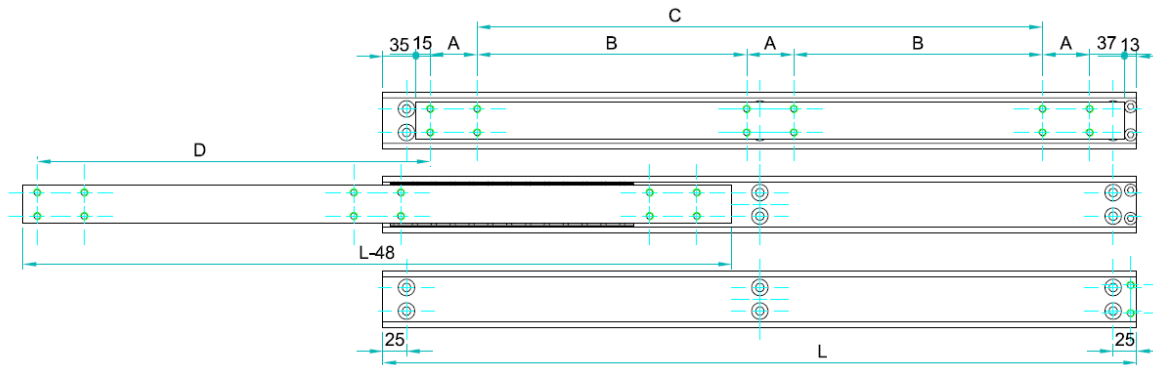
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

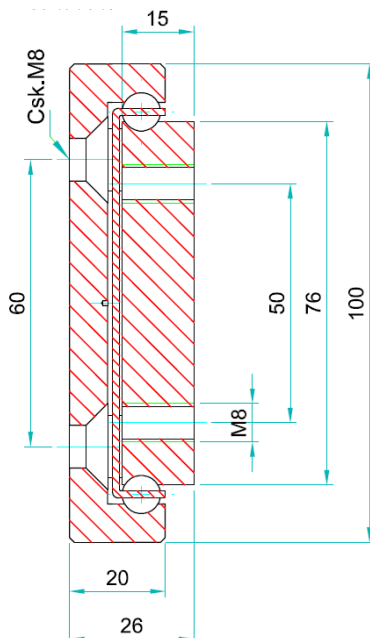
Thread pitches: As per end profile image - coarse





Options:

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



OWS-10026 weights 16.75 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS10026.0300	300	150	1260	50	-	100
OWS10026.0350	350	175	1300	50	-	150
OWS10026.0400	400	200	1380	50	-	200
OWS10026.0450	450	225	1440	50	-	250
OWS10026.0500	500	250	1480	50	-	300
OWS10026.0550	550	275	1520	50	150	-
OWS10026.0600	600	300	1550	50	175	-
OWS10026.0650	650	325	1580	50	200	-
OWS10026.0700	700	350	1600	50	225	-
OWS10026.0750	750	375	1560	50	250	-
OWS10026.0800	800	400	1500	50	275	-
OWS10026.0850	850	425	1440	50	300	-
OWS10026.0900	900	450	1360	50	325	-
OWS10026.0950	950	475	1320	50	350	-
OWS10026.1000	1000	500	1240	50	375	-
OWS10026.1050	1050	525	1180	50	400	-
OWS10026.1100	1100	550	1100	50	425	-
OWS10026.1150	1150	575	1010	50	450	-
OWS10026.1200	1200	600	950	50	475	-

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Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWS -10026 weights 16.75 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWS10026.1250	1250	625	900	50	500	-
OWS10026.1300	1300	650	850	50	525	-
OWS10026.1350	1350	675	810	50	550	-
OWS10026.1400	1400	700	780	50	575	-
OWS10026.1450	1450	725	730	50	600	-
OWS10026.1500	1500	750	690	50	625	-
OWS10026.1550	1550	775	650	50	650	-
OWS10026.1600	1600	800	630	50	675	-
OWS10026.1650	1650	825	610	50	700	-
OWS10026.1700	1700	850	600	100	650	-
OWS10026.1750	1750	875	590	100	675	-
OWS10026.1800	1800	900	580	100	700	-
OWS10026.1850	1850	925	565	100	725	-
OWS10026.1900	1900	950	545	100	750	-
OWS10026.1950	1950	975	525	100	775	-
OWS10026.2000	2000	1000	510	100	800	-

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Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

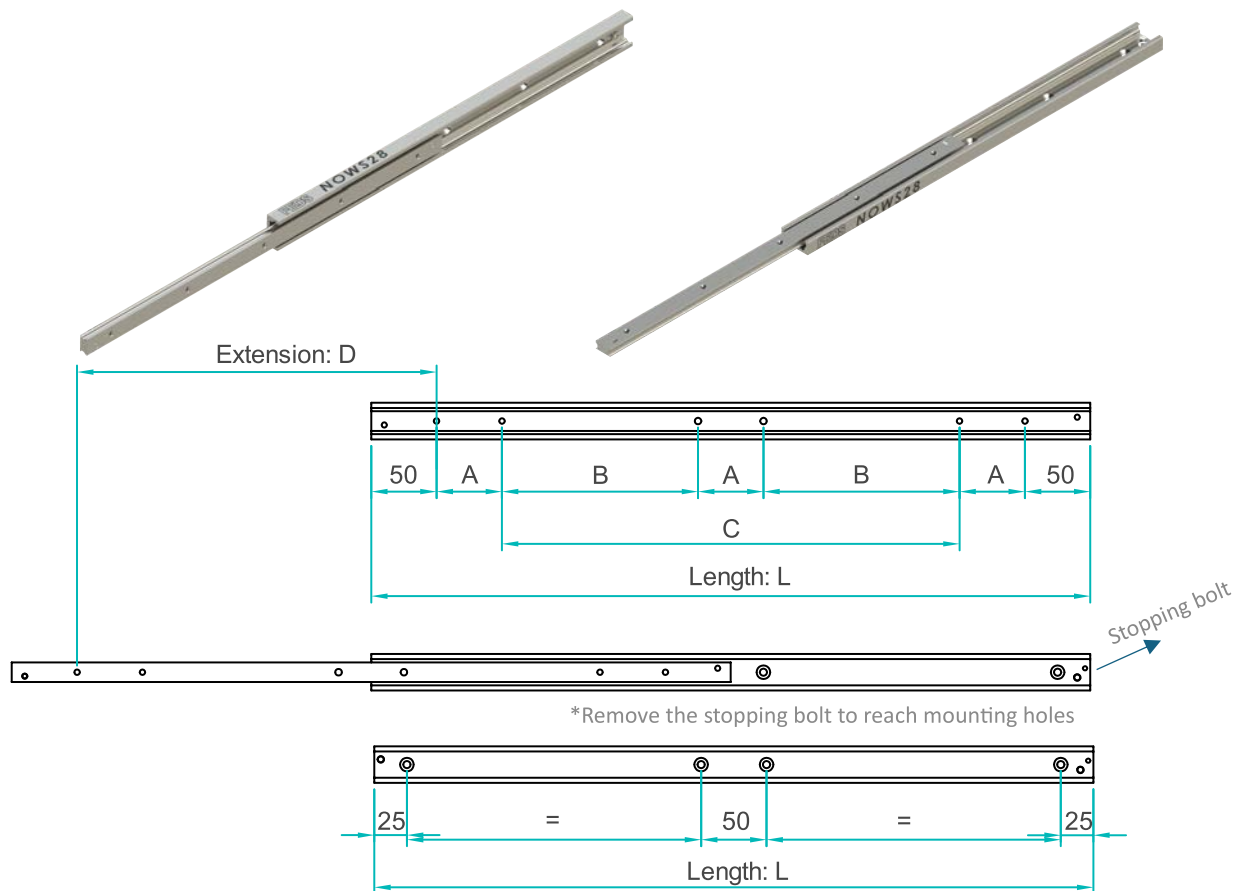
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

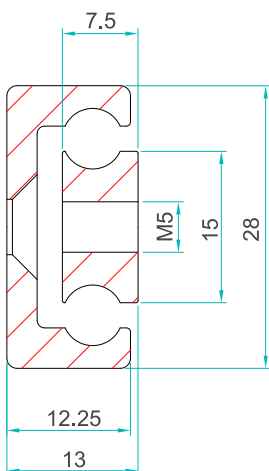
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse




Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NOWS2813-A weighs 2.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS2813-A.0200	200	100	75	50	-	-
NOWS2813-A.0250	250	125	85	50	-	50
NOWS2813-A.0300	300	150	110	50	-	100
NOWS2813-A.0350	350	175	130	50	-	150
NOWS2813-A.0400	400	200	150	50	-	200
NOWS2813-A.0450	450	225	165	50	-	250
NOWS2813-A.0500	500	250	170	50	-	300
NOWS2813-A.0550	550	275	180	50	150	-
NOWS2813-A.0600	600	300	160	50	175	-
NOWS2813-A.0650	650	325	155	50	200	-
NOWS2813-A.0700	700	350	145	50	225	-
NOWS2813-A.0750	750	375	140	50	250	-
NOWS2813-A.0800	800	400	130	50	275	-
NOWS2813-A.0850	850	425	120	50	300	-
NOWS2813-A.0900	900	450	110	50	325	-
NOWS2813-A.0950	950	475	100	50	350	-
NOWS2813-A.1000	1000	500	95	50	375	-
NOWS2813-A.1050	1050	525	90	50	400	-
NOWS2813-A.1100	1100	550	85	50	425	-
NOWS2813-A.1150	1150	575	70	50	450	-
NOWS2813-A.1200	1200	600	65	50	475	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

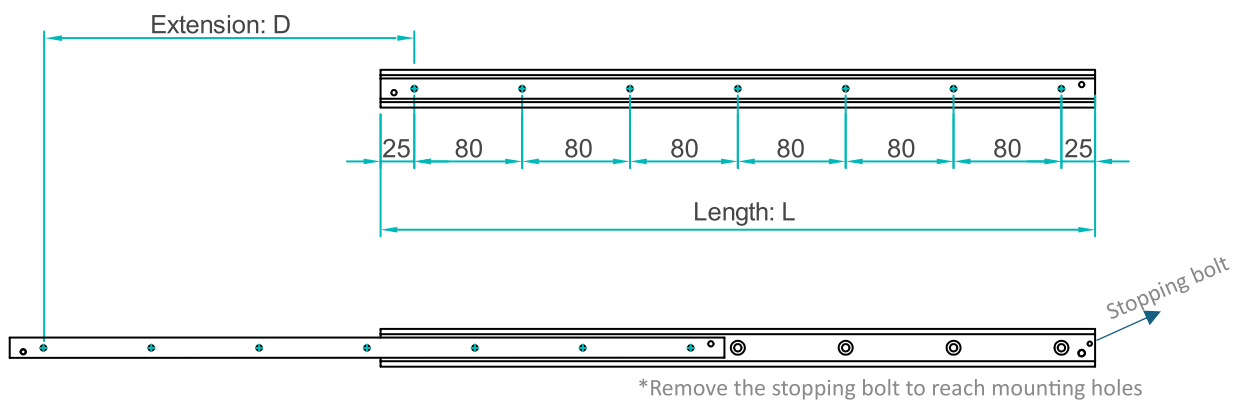


Important Safety Notice

Do not disassemble the slide!

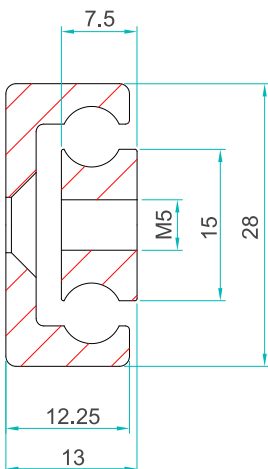
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NOWS2813-B weighs 2.1 kg/m

Article number	Installation length: L	Extension length: D	Load per pair: kg	No. of holes
NOWS2813-B.0130	130	74	60	2
NOWS2813-B.0210	210	116	80	3
NOWS2813-B.0290	290	148	105	4
NOWS2813-B.0370	370	190	140	5
NOWS2813-B.0450	450	232	160	6
NOWS2813-B.0530	530	274	170	7
NOWS2813-B.0610	610	316	155	8
NOWS2813-B.0690	690	358	145	9
NOWS2813-B.0770	770	400	125	10
NOWS2813-B.0850	850	433	115	11
NOWS2813-B.0930	930	475	105	12
NOWS2813-B.1010	1010	517	100	13
NOWS2813-B.1090	1090	559	85	14
NOWS2813-B.1170	1170	601	70	15

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

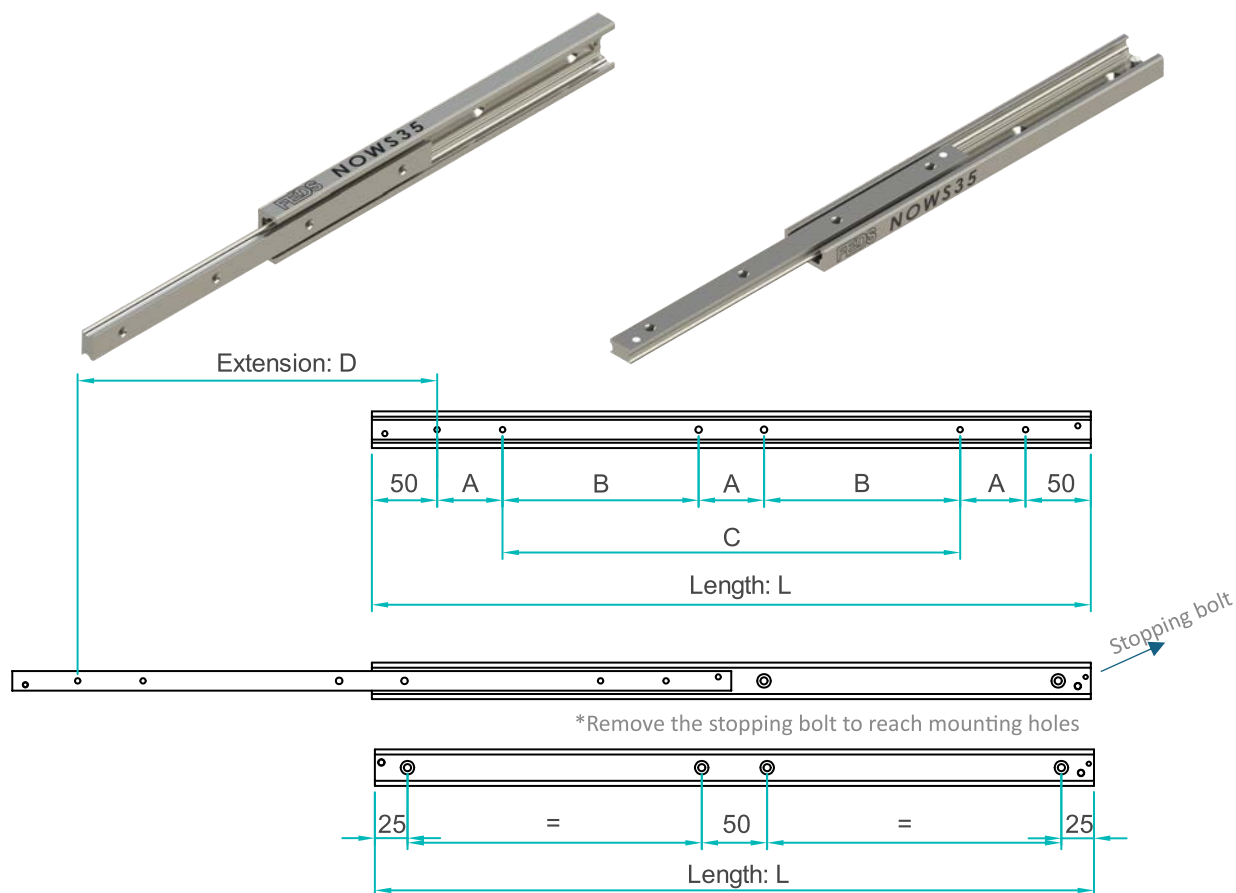


Important Safety Notice

Do not disassemble the slide!

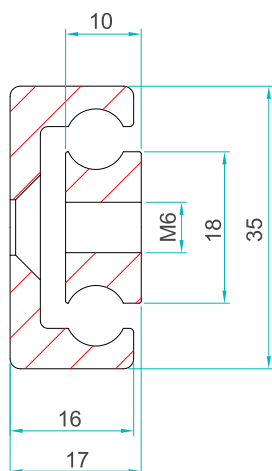
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NOWS3517-A weighs 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS3517-A.0200	200	100	110	50	-	-
NOWS3517-A.0250	250	125	160	50	-	50
NOWS3517-A.0300	300	150	170	50	-	100
NOWS3517-A.0350	350	175	225	50	-	150
NOWS3517-A.0400	400	200	235	50	-	200
NOWS3517-A.0450	450	225	275	50	-	250
NOWS3517-A.0500	500	250	345	50	-	300
NOWS3517-A.0550	550	275	365	50	150	-
NOWS3517-A.0600	600	300	360	50	175	-
NOWS3517-A.0650	650	325	350	50	200	-
NOWS3517-A.0700	700	350	340	50	225	-
NOWS3517-A.0750	750	375	325	50	250	-
NOWS3517-A.0800	800	400	310	50	275	-
NOWS3517-A.0850	850	425	300	50	300	-
NOWS3517-A.0900	900	450	285	50	325	-
NOWS3517-A.0950	950	475	270	50	350	-
NOWS3517-A.1000	1000	500	255	50	375	-
NOWS3517-A.1050	1050	525	240	50	400	-
NOWS3517-A.1100	1100	550	230	50	425	-
NOWS3517-A.1150	1150	575	215	50	450	-
NOWS3517-A.1200	1200	600	200	50	475	-

NOWS3517-A weighs 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS3517-A.1250	1250	625	195	50	500	-
NOWS3517-A.1300	1300	650	180	50	525	-
NOWS3517-A.1350	1350	675	165	50	550	-
NOWS3517-A.1400	1400	700	150	50	575	-
NOWS3517-A.1450	1450	725	140	50	600	-
NOWS3517-A.1500	1500	750	125	50	625	-
NOWS3517-A.1550	1550	775	110	50	650	-
NOWS3517-A.1600	1600	800	95	50	675	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from –20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

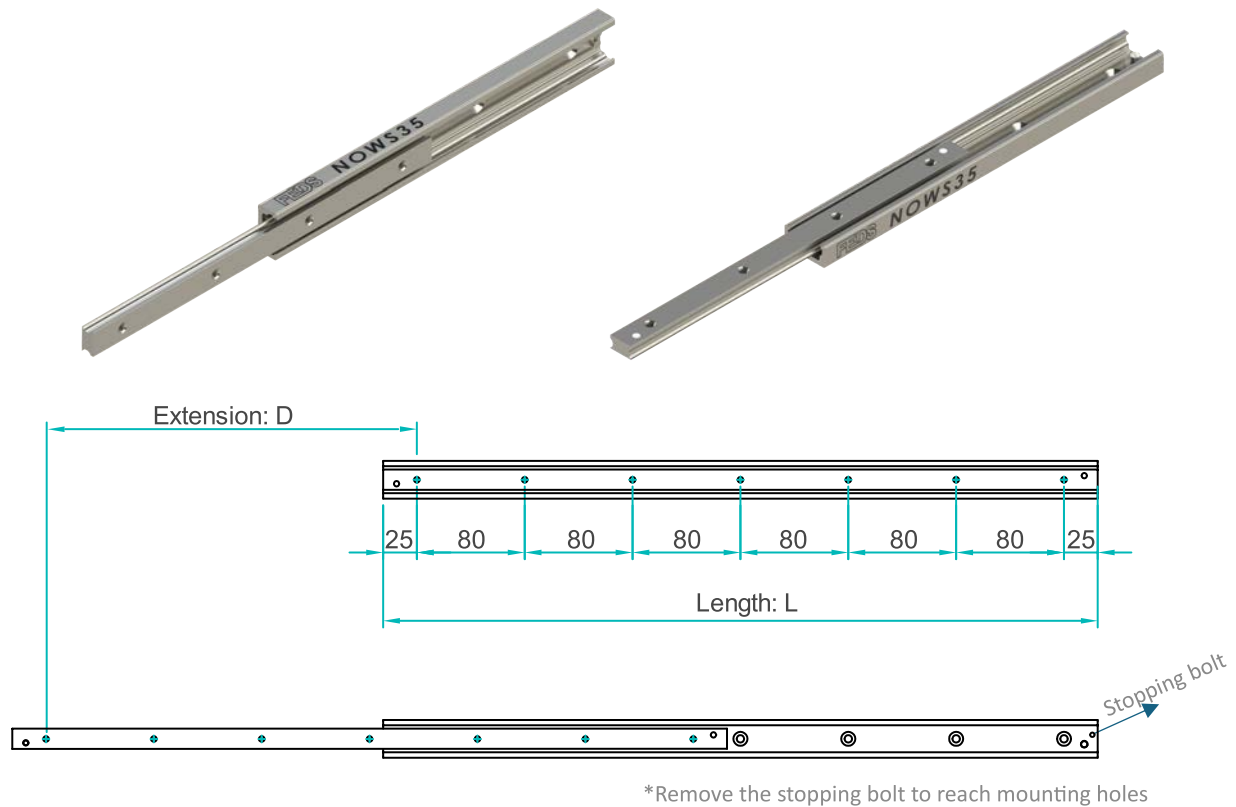


Important Safety Notice

Do not disassemble the slide!

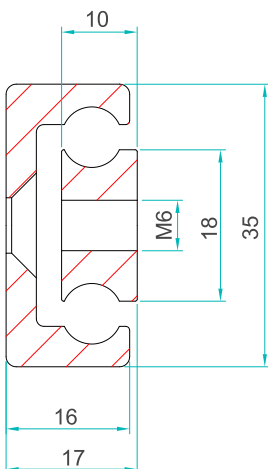
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NOWS3517-B weighs 3.4 kg/m

Article number	Installation length: L	Extension length: D	Load per pair: kg	No. of holes
NOWS3517-B.0210	210	127	110	3
NOWS3517-B.0290	290	159	130	4
NOWS3517-B.0370	370	203	230	5
NOWS3517-B.0450	450	247	260	6
NOWS3517-B.0530	530	279	340	7
NOWS3517-B.0610	610	323	370	8
NOWS3517-B.0690	690	367	345	9
NOWS3517-B.0770	770	399	320	10
NOWS3517-B.0850	850	443	300	11
NOWS3517-B.0930	930	487	275	12
NOWS3517-B.1010	1010	519	250	13
NOWS3517-B.1090	1090	563	230	14
NOWS3517-B.1170	1170	607	210	15
NOWS3517-B.1250	1250	639	195	16
NOWS3517-B.1330	1330	683	170	17
NOWS3517-B.1410	1410	727	145	18
NOWS3517-B.1490	1490	759	130	19

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

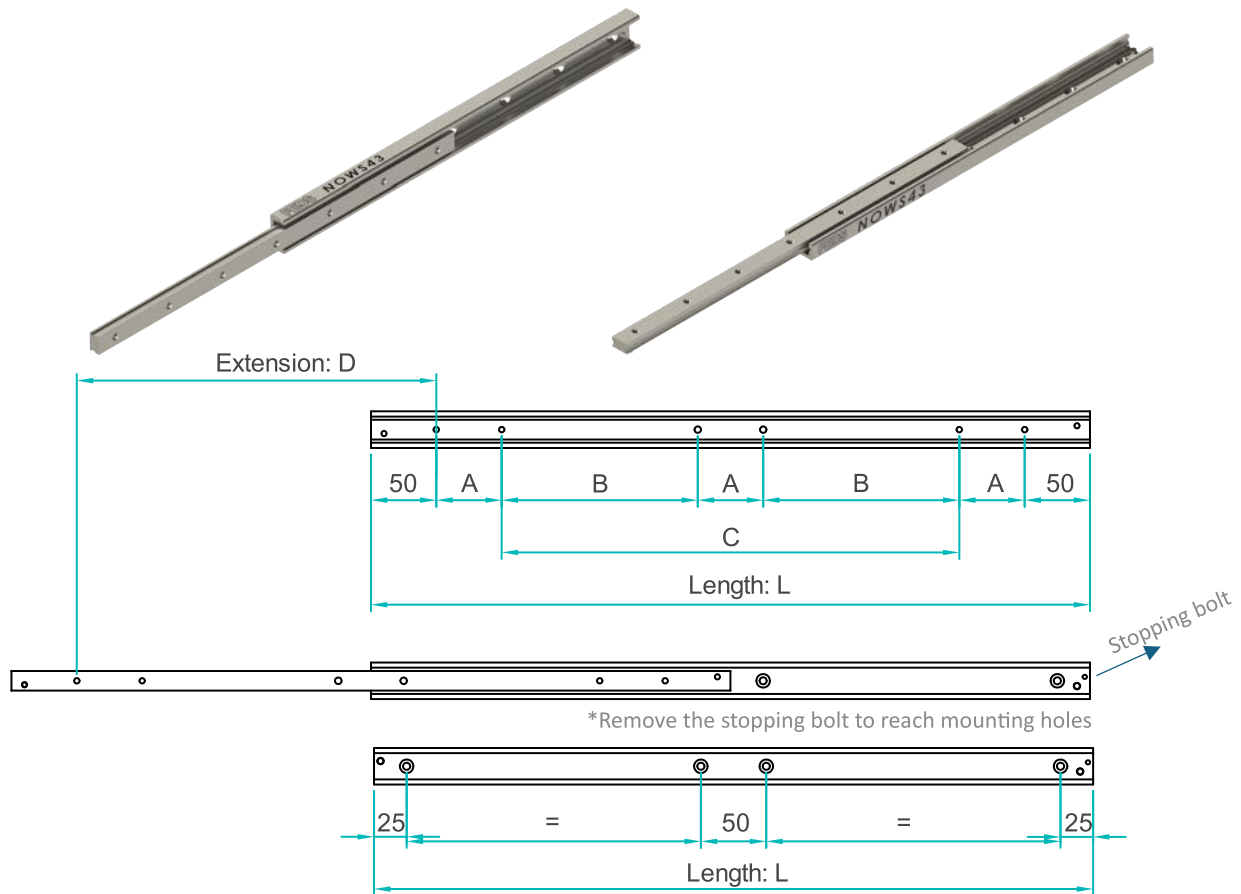


Important Safety Notice

Do not disassemble the slide!

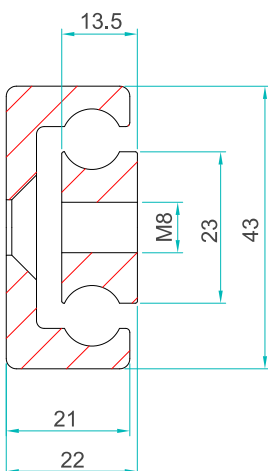
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NOWS4322-A weighs 5.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS4322-A.0200	200	100	150	50	-	-
NOWS4322-A.0250	250	125	240	50	-	50
NOWS4322-A.0300	300	150	270	50	-	100
NOWS4322-A.0350	350	175	300	50	-	150
NOWS4322-A.0400	400	200	350	50	-	200
NOWS4322-A.0450	450	225	370	50	-	250
NOWS4322-A.0500	500	250	550	50	-	300
NOWS4322-A.0550	550	275	600	50	150	-
NOWS4322-A.0600	600	300	620	50	175	-
NOWS4322-A.0650	650	325	630	50	200	-
NOWS4322-A.0700	700	350	615	50	225	-
NOWS4322-A.0750	750	375	600	50	250	-
NOWS4322-A.0800	800	400	570	50	275	-
NOWS4322-A.0850	850	425	520	50	300	-
NOWS4322-A.0900	900	450	500	50	325	-
NOWS4322-A.0950	950	475	485	50	350	-
NOWS4322-A.1000	1000	500	470	50	375	-
NOWS4322-A.1050	1050	525	460	50	400	-
NOWS4322-A.1100	1100	550	445	50	425	-
NOWS4322-A.1150	1150	575	440	50	450	-
NOWS4322-A.1200	1200	600	435	50	475	-

NOWS4322-A weighs 5.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS4322-A.1250	1250	625	425	50	500	-
NOWS4322-A.1300	1300	650	415	50	525	-
NOWS4322-A.1350	1350	675	405	50	550	-
NOWS4322-A.1400	1400	700	400	50	575	-
NOWS4322-A.1450	1450	725	380	50	600	-
NOWS4322-A.1500	1500	750	360	50	625	-
NOWS4322-A.1550	1550	775	350	50	650	-
NOWS4322-A.1600	1600	800	330	50	675	-
NOWS4322-A.1650	1650	825	310	50	700	-
NOWS4322-A.1700	1700	850	300	100	650	-
NOWS4322-A.1750	1750	875	280	100	675	-
NOWS4322-A.1800	1800	900	265	100	700	-
NOWS4322-A.1850	1850	925	250	100	725	-
NOWS4322-A.1900	1900	950	235	100	750	-
NOWS4322-A.1950	1950	975	210	100	775	-
NOWS4322-A.2000	2000	1000	190	100	800	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

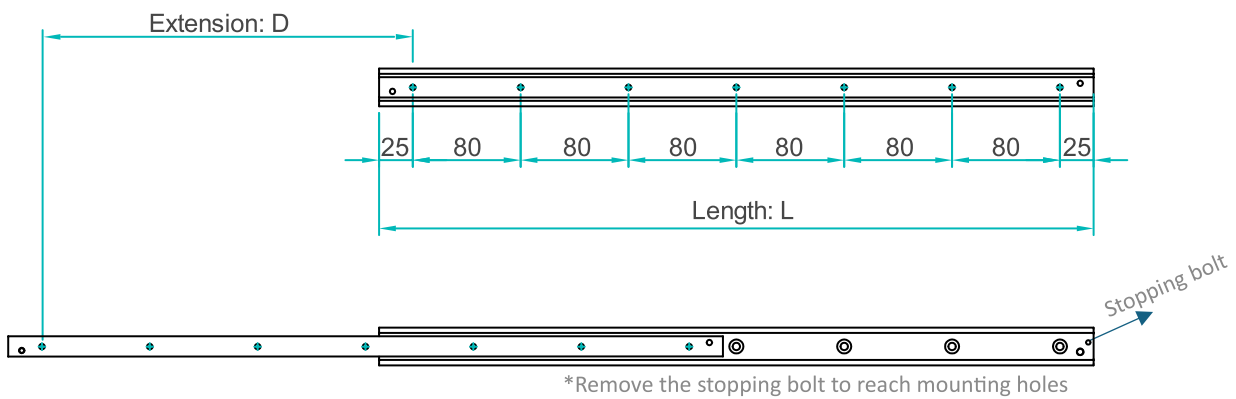


Important Safety Notice

Do not disassemble the slide!

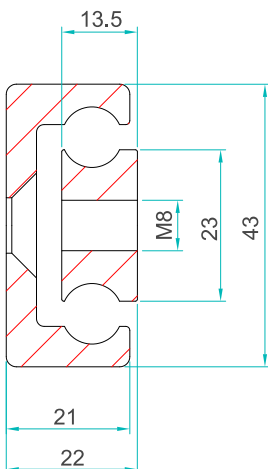
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NOWS4322-B weighs 5.5 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
NOWS4322-B.0210	210	123	140	3
NOWS4322-B.0290	290	158	250	4
NOWS4322-B.0370	370	208	290	5
NOWS4322-B.0450	450	243	370	6
NOWS4322-B.0530	530	278	600	7
NOWS4322-B.0610	610	313	630	8
NOWS4322-B.0690	690	363	610	9
NOWS4322-B.0770	770	398	590	10
NOWS4322-B.0850	850	433	520	11
NOWS4322-B.0930	930	483	490	12
NOWS4322-B.1010	1010	518	475	13
NOWS4322-B.1090	1090	568	450	14
NOWS4322-B.1170	1170	603	440	15
NOWS4322-B.1250	1250	638	425	16
NOWS4322-B.1330	1330	688	410	17
NOWS4322-B.1410	1410	723	400	18
NOWS4322-B.1490	1490	758	370	19
NOWS4322-B.1570	1570	793	340	20
NOWS4322-B.1650	1650	843	310	21
NOWS4322-B.1730	1730	878	290	22
NOWS4322-B.1810	1810	928	260	23
NOWS4322-B.1890	1890	963	230	24
NOWS4322-B.1970	1970	1013	220	25

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

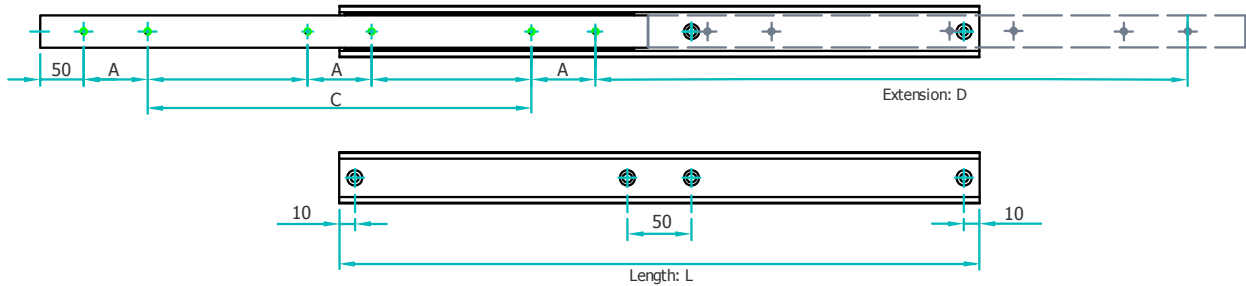


Important Safety Notice

Do not disassemble the slide!

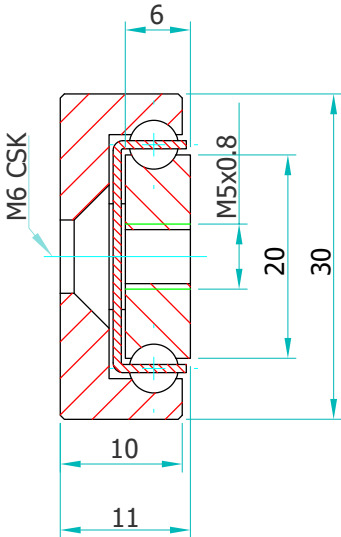
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWST3011 weighs 2.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST3011.0200	200	100	90	50	-	-
OWST3011.0250	250	125	110	50	-	50
OWST3011.0300	300	150	130	50	-	100
OWST3011.0350	350	175	150	50	-	150
OWST3011.0400	400	200	180	50	-	200
OWST3011.0450	450	225	240	50	-	250
OWST3011.0500	500	250	260	50	-	300
OWST3011.0550	550	275	270	50	150	-
OWST3011.0600	600	300	280	50	175	-
OWST3011.0650	650	325	260	50	200	-
OWST3011.0700	700	350	240	50	225	-
OWST3011.0750	750	375	220	50	250	-
OWST3011.0800	800	400	200	50	275	-
OWST3011.0850	850	425	180	50	300	-
OWST3011.0900	900	450	160	50	325	-
OWST3011.0950	950	475	140	50	350	-
OWST3011.1000	1000	500	120	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

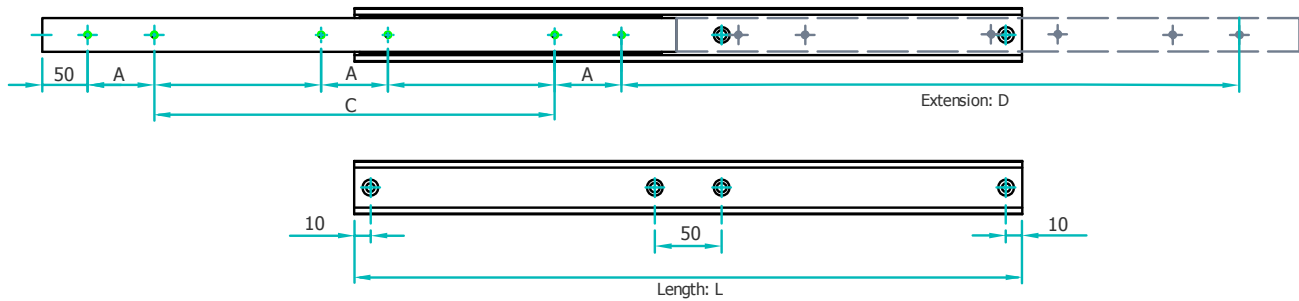
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

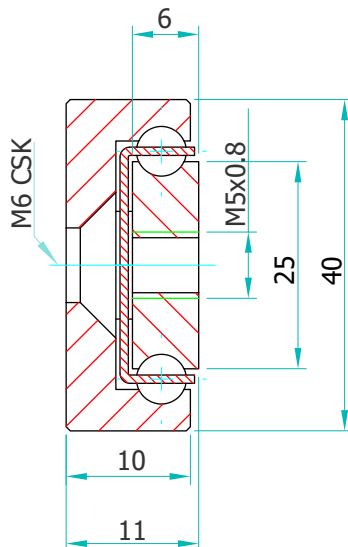
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "F" - one outer beam countersunk
 "SB"- stainless steel ball bearings
 "SC"- stainless steel ball cages
 "SA"- stainless steel stopping pins and bolts



OWST4011 weighs 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST4011.0200	200	100	90	50	-	-
OWST4011.0250	250	125	110	50	-	50
OWST4011.0300	300	150	130	50	-	100
OWST4011.0350	350	175	150	50	-	150
OWST4011.0400	400	200	180	50	-	200
OWST4011.0450	450	225	240	50	-	250
OWST4011.0500	500	250	260	50	-	300
OWST4011.0550	550	275	270	50	150	-
OWST4011.0600	600	300	260	50	175	-
OWST4011.0650	650	325	250	50	200	-
OWST4011.0700	700	350	240	50	225	-
OWST4011.0750	750	375	230	50	250	-
OWST4011.0800	800	400	220	50	275	-
OWST4011.0850	850	425	210	50	300	-
OWST4011.0900	900	450	200	50	325	-
OWST4011.0950	950	475	190	50	350	-
OWST4011.1000	1000	500	180	50	375	-
OWST4011.1050	1050	525	160	50	400	-
OWST4011.1100	1100	550	140	50	425	-
OWST4011.1150	1150	575	120	50	450	-
OWST4011.1200	1200	600	100	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

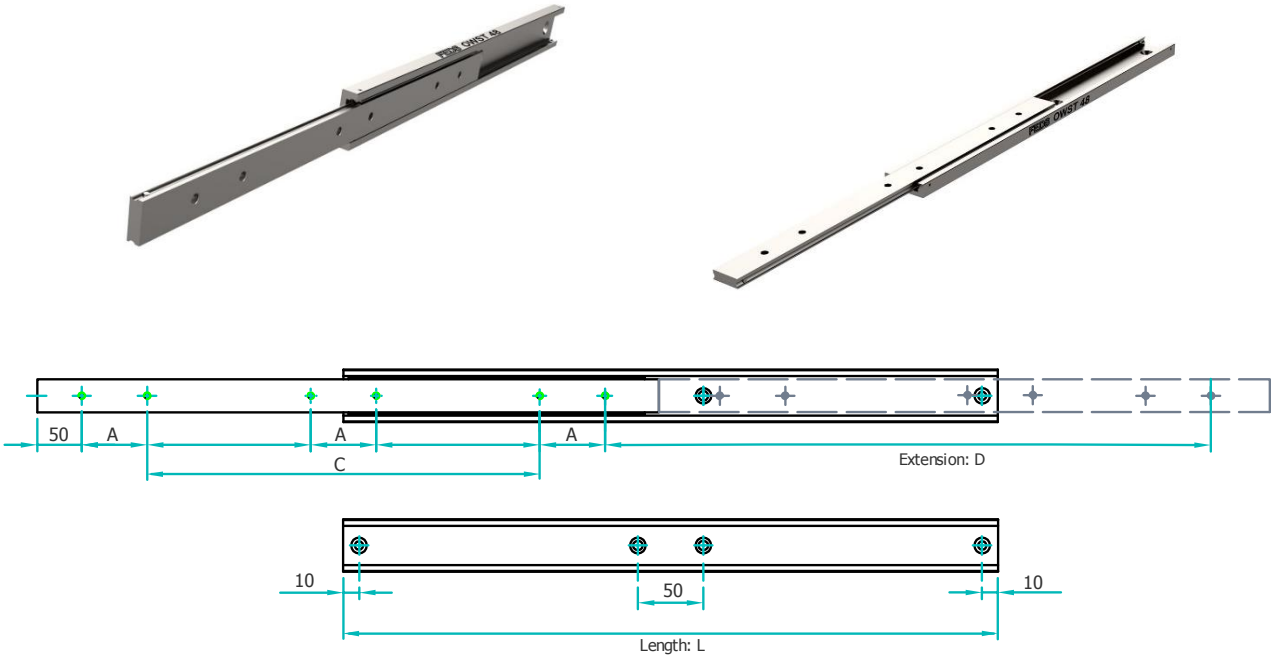
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

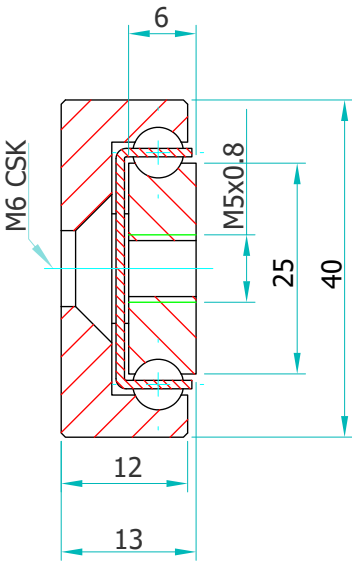
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWST4013 weighs 3.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST4013.0200	200	100	90	50	-	-
OWST4013.0250	250	125	110	50	-	50
OWST4013.0300	300	150	130	50	-	100
OWST4013.0350	350	175	150	50	-	150
OWST4013.0400	400	200	180	50	-	200
OWST4013.0450	450	225	240	50	-	250
OWST4013.0500	500	250	260	50	-	300
OWST4013.0550	550	275	280	50	150	-
OWST4013.0600	600	300	270	50	175	-
OWST4013.0650	650	325	260	50	200	-
OWST4013.0700	700	350	250	50	225	-
OWST4013.0750	750	375	240	50	250	-
OWST4013.0800	800	400	230	50	275	-
OWST4013.0850	850	425	220	50	300	-
OWST4013.0900	900	450	210	50	325	-
OWST4013.0950	950	475	200	50	350	-
OWST4013.1000	1000	500	190	50	375	-
OWST4013.1050	1050	525	170	50	400	-
OWST4013.1100	1100	550	150	50	425	-
OWST4013.1150	1150	575	130	50	450	-
OWST4013.1200	1200	600	110	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam. Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

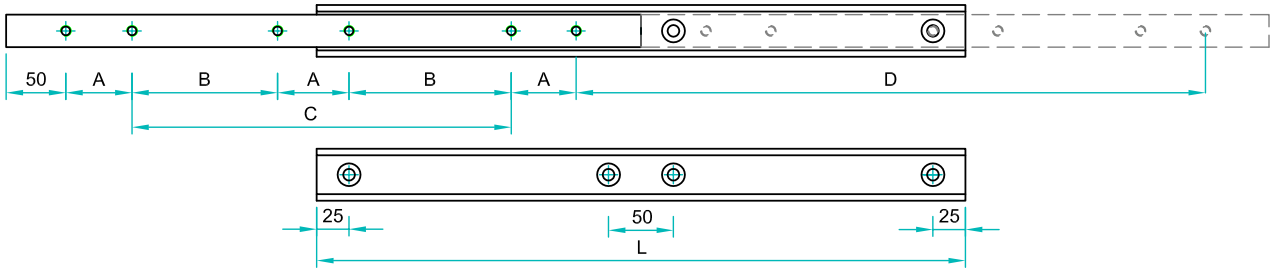
Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

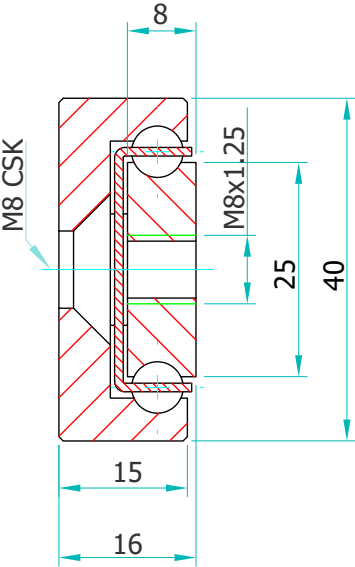
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWST-4016 weights 4.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST4016.0200	200	100	240	50	-	-
OWST4016.0250	250	125	250	50	-	50
OWST4016.0300	300	150	260	50	-	100
OWST4016.0350	350	175	280	50	-	150
OWST4016.0400	400	200	300	50	-	200
OWST4016.0450	450	225	315	50	-	250
OWST4016.0500	500	250	330	50	-	300
OWST4016.0550	550	275	340	50	150	-
OWST4016.0600	600	300	350	50	175	-
OWST4016.0650	650	325	355	50	200	-
OWST4016.0700	700	350	360	50	225	-
OWST4016.0750	750	375	345	50	250	-
OWST4016.0800	800	400	335	50	275	-
OWST4016.0850	850	425	320	50	300	-
OWST4016.0900	900	450	305	50	325	-
OWST4016.0950	950	475	280	50	350	-
OWST4016.1000	1000	500	265	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWST-4016 weights 4.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST4016.1050	1050	525	250	50	400	-
OWST4016.1100	1100	550	240	50	425	-
OWST4016.1150	1150	575	230	50	450	-
OWST4016.1200	1200	600	220	50	475	-
OWST4016.1250	1250	625	200	50	500	-
OWST4016.1300	1300	650	180	50	525	-
OWST4016.1350	1350	675	160	50	550	-
OWST4016.1400	1400	700	140	50	575	-
OWST4016.1450	1450	725	120	50	600	-
OWST4016.1500	1500	750	100	50	625	-
OWST4016.1550	1550	775	80	50	650	-
OWST4016.1600	1600	800	60	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

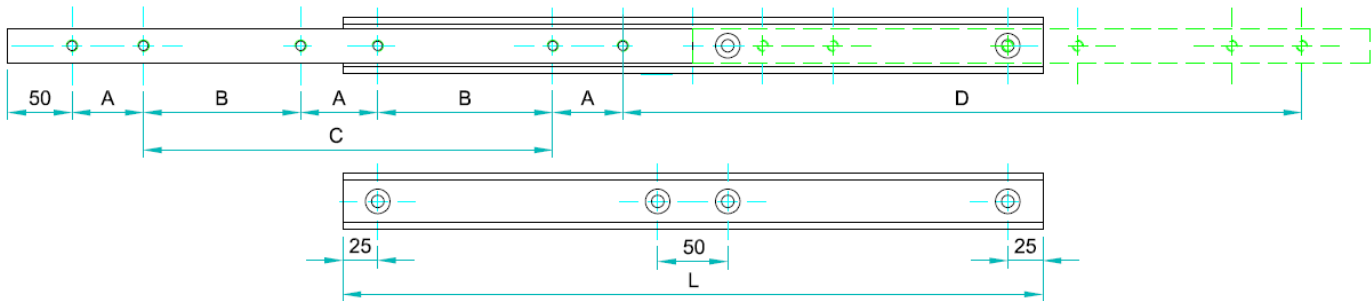
Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

Temperature range: Steel slides -20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

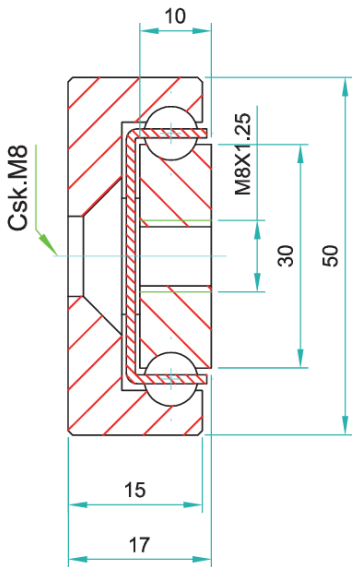
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWST-5017 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST5017.0200	200	100	330	50	-	-
OWST5017.0250	250	125	340	50	-	50
OWST5017.0300	300	150	360	50	-	100
OWST5017.0350	350	175	380	50	-	150
OWST5017.0400	400	200	400	50	-	200
OWST5017.0450	450	225	420	50	-	250
OWST5017.0500	500	250	440	50	-	300
OWST5017.0550	550	275	460	50	150	-
OWST5017.0600	600	300	470	50	175	-
OWST5017.0650	650	325	480	50	200	-
OWST5017.0700	700	350	485	50	225	-
OWST5017.0750	750	375	475	50	250	-
OWST5017.0800	800	400	460	50	275	-
OWST5017.0850	850	425	450	50	300	-
OWST5017.0900	900	450	435	50	325	-
OWST5017.0950	950	475	420	50	350	-
OWST5017.1000	1000	500	400	50	375	-
OWST5017.1050	1050	525	385	50	400	-
OWST5017.1100	1100	550	365	50	425	-
OWST5017.1150	1150	575	340	50	450	-
OWST5017.1200	1200	600	320	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWST-5017 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST5017.1250	1250	625	300	50	500	-
OWST5017.1300	1300	650	280	50	525	-
OWST5017.1350	1350	675	270	50	550	-
OWST5017.1400	1400	700	260	50	575	-
OWST5017.1450	1450	725	250	50	600	-
OWST5017.1500	1500	750	240	50	625	-
OWST5017.1550	1550	775	230	50	650	-
OWST5017.1600	1600	800	220	50	675	-
OWST5017.1650	1650	825	200	50	700	-
OWST5017.1700	1700	850	180	100	650	-
OWST5017.1750	1750	875	160	100	675	-
OWST5017.1800	1800	900	140	100	700	-
OWST5017.1850	1850	925	120	100	725	-
OWST5017.1900	1900	950	100	100	750	-
OWST5017.1950	1950	975	80	100	775	-
OWST5017.2000	2000	1000	70	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

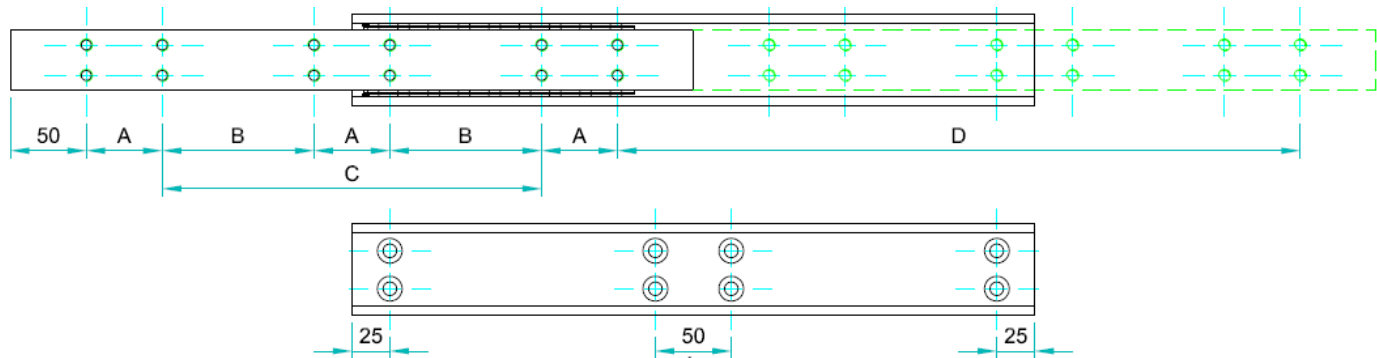
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

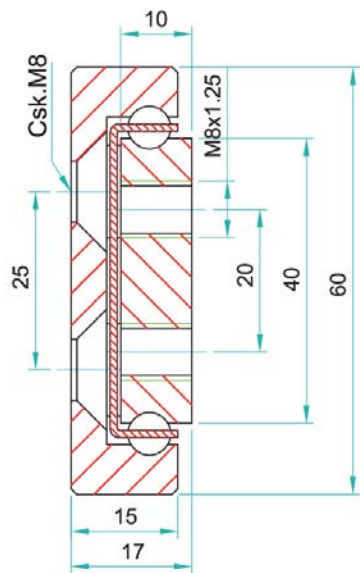
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWST-6017 weightts 6.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST6017.0200	200	100	440	50	-	-
OWST6017.0250	250	125	480	50	-	50
OWST6017.0300	300	150	520	50	-	100
OWST6017.0350	350	175	560	50	-	150
OWST6017.0400	400	200	610	50	-	200
OWST6017.0450	450	225	660	50	-	250
OWST6017.0500	500	250	710	50	-	300
OWST6017.0550	550	275	720	50	150	-
OWST6017.0600	600	300	730	50	175	-
OWST6017.0650	650	325	740	50	200	-
OWST6017.0700	700	350	750	50	225	-
OWST6017.0750	750	375	740	50	250	-
OWST6017.0800	800	400	720	50	275	-
OWST6017.0850	850	425	700	50	300	-
OWST6017.0900	900	450	680	50	325	-
OWST6017.0950	950	475	660	50	350	-
OWST6017.1000	1000	500	640	50	375	-
OWST6017.1050	1050	525	610	50	400	-
OWST6017.1100	1100	550	580	50	425	-
OWST6017.1150	1150	575	550	50	450	-
OWST6017.1200	1200	600	520	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWST-6017 weights 6.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST6017.1250	1250	625	490	50	500	-
OWST6017.1300	1300	650	480	50	525	-
OWST6017.1350	1350	675	460	50	550	-
OWST6017.1400	1400	700	440	50	575	-
OWST6017.1450	1450	725	420	50	600	-
OWST6017.1500	1500	750	390	50	625	-
OWST6017.1550	1550	775	360	50	650	-
OWST6017.1600	1600	800	340	50	675	-
OWST6017.1650	1650	825	315	50	700	-
OWST6017.1700	1700	850	290	100	650	-
OWST6017.1750	1750	875	275	100	675	-
OWST6017.1800	1800	900	250	100	700	-
OWST6017.1850	1850	925	220	100	725	-
OWST6017.1900	1900	950	190	100	750	-
OWST6017.1950	1950	975	160	100	775	-
OWST6017.2000	2000	1000	130	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

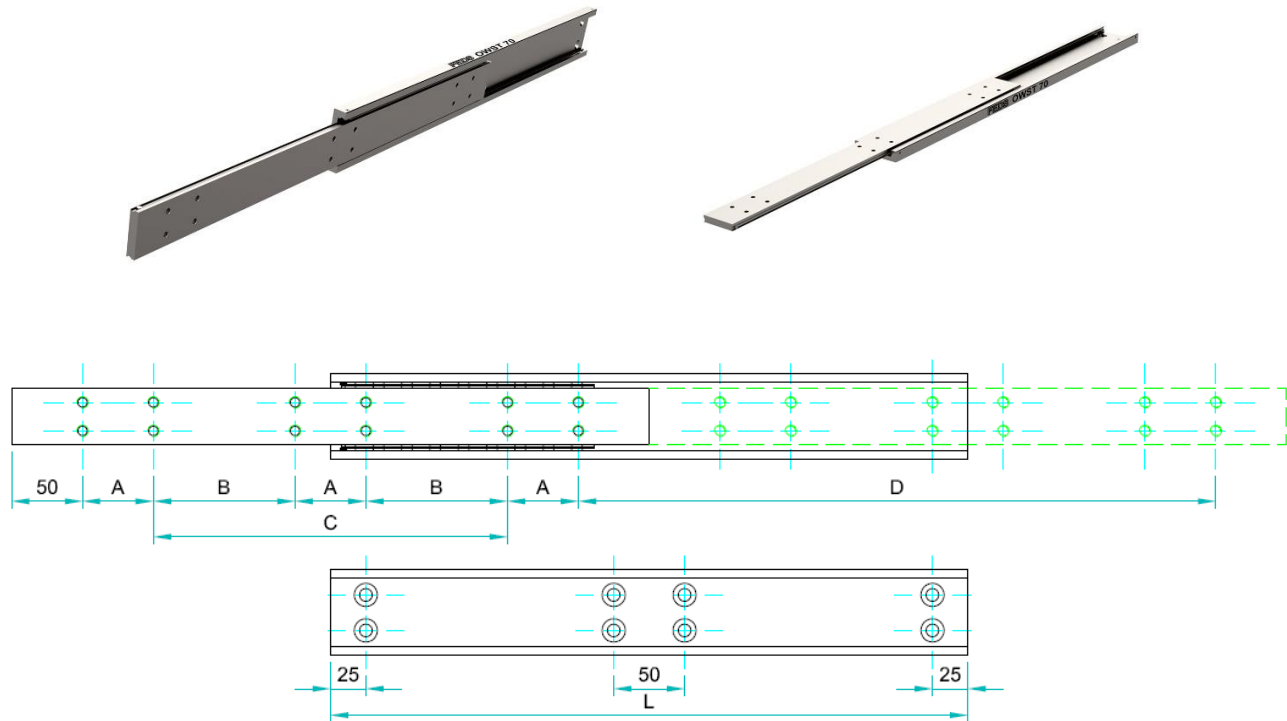
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

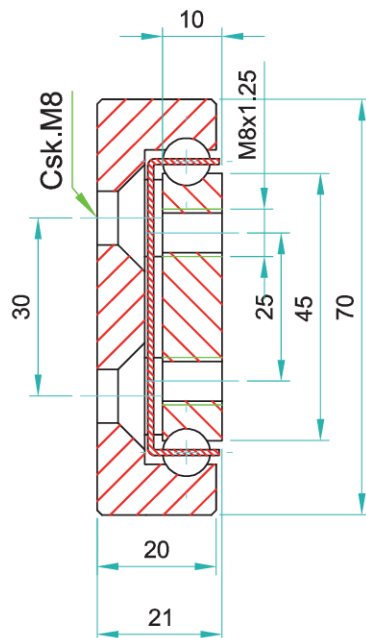
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



OWST-7021 weights 9.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST7021.0200	200	100	720	50	-	-
OWST7021.0250	250	125	760	50	-	50
OWST7021.0300	300	150	800	50	-	100
OWST7021.0350	350	175	830	50	-	150
OWST7021.0400	400	200	860	50	-	200
OWST7021.0450	450	225	890	50	-	250
OWST7021.0500	500	250	930	50	-	300
OWST7021.0550	550	275	960	50	150	-
OWST7021.0600	600	300	980	50	175	-
OWST7021.0650	650	325	1020	50	200	-
OWST7021.0700	700	350	1060	50	225	-
OWST7021.0750	750	375	1030	50	250	-
OWST7021.0800	800	400	990	50	275	-
OWST7021.0850	850	425	940	50	300	-
OWST7021.0900	900	450	860	50	325	-
OWST7021.0950	950	475	800	50	350	-
OWST7021.1000	1000	500	750	50	375	-
OWST7021.1050	1050	525	710	50	400	-
OWST7021.1100	1100	550	670	50	425	-
OWST7021.1150	1150	575	630	50	450	-
OWST7021.1200	1200	600	600	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWST-7021 weights 9,6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST7021.1250	1250	625	570	50	500	-
OWST7021.1300	1300	650	540	50	525	-
OWST7021.1350	1350	675	510	50	550	-
OWST7021.1400	1400	700	490	50	575	-
OWST7021.1450	1450	725	470	50	600	-
OWST7021.1500	1500	750	450	50	625	-
OWST7021.1550	1550	775	420	50	650	-
OWST7021.1600	1600	800	400	50	675	-
OWST7021.1650	1650	825	390	50	700	-
OWST7021.1700	1700	850	680	100	650	-
OWST7021.1750	1750	875	365	100	675	-
OWST7021.1800	1800	900	350	100	700	-
OWST7021.1850	1850	925	340	100	725	-
OWST7021.1900	1900	950	330	100	750	-
OWST7021.1950	1950	975	320	100	775	-
OWST7021.2000	2000	1000	310	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

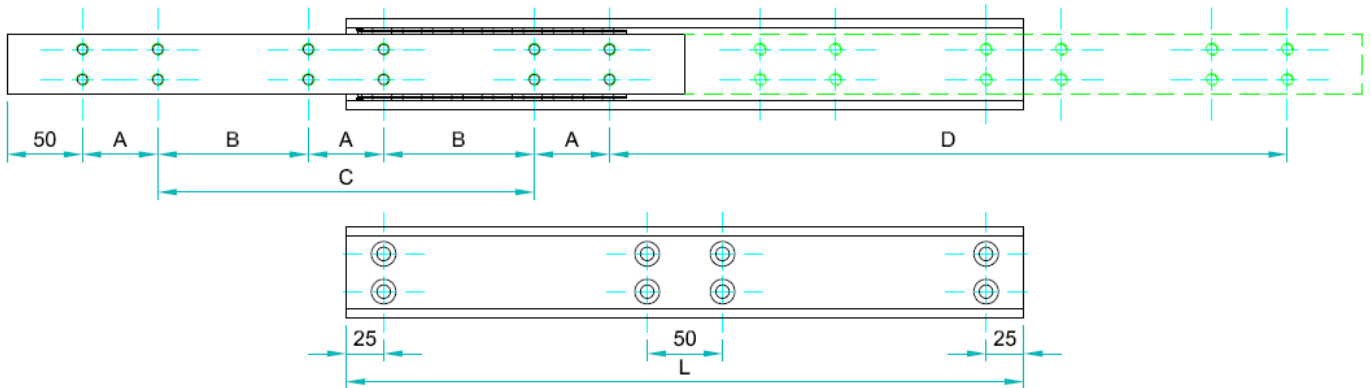
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

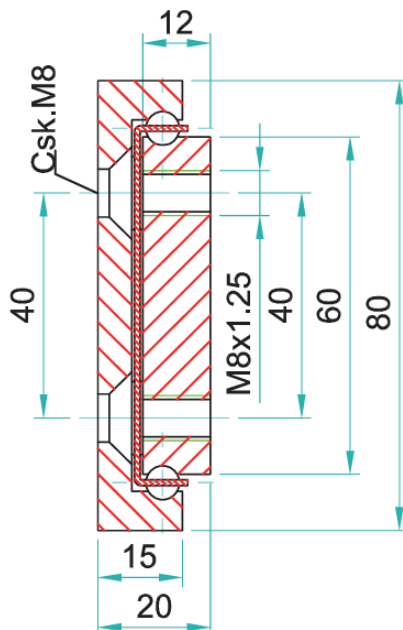
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" - V shape channel raceways
 "F" - one outer beam countersunk
 "SB"- stainless steel ball bearings
 "SC"- stainless steel ball cages
 "SA"- stainless steel stopping pins and bolts



OWST-8020 weights 10.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST8020.0200	200	100	850	50	-	-
OWST8020.0250	250	125	920	50	-	50
OWST8020.0300	300	150	960	50	-	100
OWST8020.0350	350	175	980	50	-	150
OWST8020.0400	400	200	1000	50	-	200
OWST8020.0450	450	225	1030	50	-	250
OWST8020.0500	500	250	1080	50	-	300
OWST8020.0550	550	275	1110	50	150	-
OWST8020.0600	600	300	1150	50	175	-
OWST8020.0650	650	325	1180	50	200	-
OWST8020.0700	700	350	1210	50	225	-
OWST8020.0750	750	375	1190	50	250	-
OWST8020.0800	800	400	1160	50	275	-
OWST8020.0850	850	425	1110	50	300	-
OWST8020.0900	900	450	1070	50	325	-
OWST8020.0950	950	475	1030	50	350	-
OWST8020.1000	1000	500	970	50	375	-
OWST8020.1050	1050	525	960	50	400	-
OWST8020.1100	1100	550	940	50	425	-
OWST8020.1150	1150	575	910	50	450	-
OWST8020.1200	1200	600	880	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWST-8020 weights 10.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST8020.1250	1250	625	840	50	500	-
OWST8020.1300	1300	650	800	50	525	-
OWST8020.1350	1350	675	770	50	550	-
OWST8020.1400	1400	700	740	50	575	-
OWST8020.1450	1450	725	700	50	600	-
OWST8020.1500	1500	750	650	50	625	-
OWST8020.1550	1550	775	630	50	650	-
OWST8020.1600	1600	800	600	50	675	-
OWST8020.1650	1650	825	580	50	700	-
OWST8020.1700	1700	850	560	100	650	-
OWST8020.1750	1750	875	550	100	675	-
OWST8020.1800	1800	900	530	100	700	-
OWST8020.1850	1850	925	510	100	725	-
OWST8020.1900	1900	950	490	100	750	-
OWST8020.1950	1950	975	470	100	775	-
OWST8020.2000	2000	1000	450	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

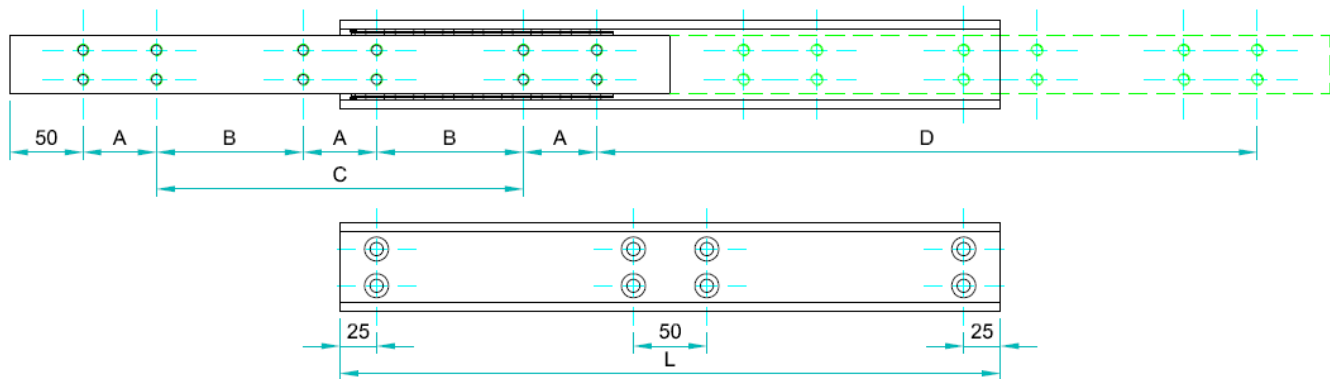
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

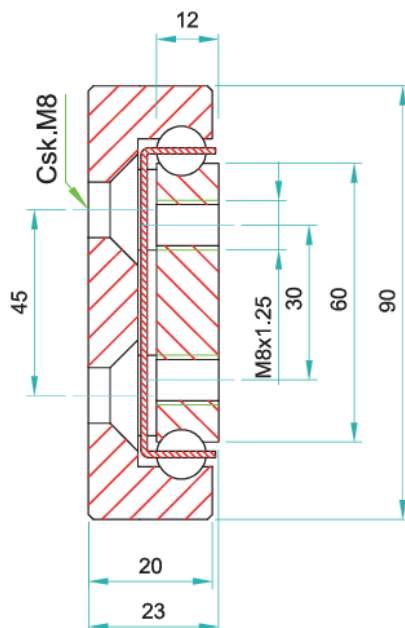
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



OWST-9023 weights 13.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST9023.0300	300	150	1260	50	-	100
OWST9023.0350	350	175	1300	50	-	150
OWST9023.0400	400	200	1380	50	-	200
OWST9023.0450	450	225	1440	50	-	250
OWST9023.0500	500	250	1480	50	-	300
OWST9023.0550	550	275	1520	50	150	-
OWST9023.0600	600	300	1550	50	175	-
OWST9023.0650	650	325	1580	50	200	-
OWST9023.0700	700	350	1600	50	225	-
OWST9023.0750	750	375	1560	50	250	-
OWST9023.0800	800	400	1500	50	275	-
OWST9023.0850	850	425	1440	50	300	-
OWST9023.0900	900	450	1360	50	325	-
OWST9023.0950	950	475	1320	50	350	-
OWST9023.1000	1000	500	1240	50	375	-
OWST9023.1050	1050	525	1180	50	400	-
OWST9023.1100	1100	550	1100	50	425	-
OWST9023.1150	1150	575	1010	50	450	-
OWST9023.1200	1200	600	950	50	475	-

**Do not dismantle the slide!**

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Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWST -9023 weights 13.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST9023.1250	1250	625	900	50	500	-
OWST9023.1300	1300	650	850	50	525	-
OWST9023.1350	1350	675	810	50	550	-
OWST9023.1400	1400	700	780	50	575	-
OWST9023.1450	1450	725	730	50	600	-
OWST9023.1500	1500	750	690	50	625	-
OWST9023.1550	1550	775	650	50	650	-
OWST9023.1600	1600	800	630	50	675	-
OWST9023.1650	1650	825	610	50	700	-
OWST9023.1700	1700	850	600	100	650	-
OWST9023.1750	1750	875	590	100	675	-
OWST9023.1800	1800	900	580	100	700	-
OWST9023.1850	1850	925	565	100	725	-
OWST9023.1900	1900	950	545	100	750	-
OWST9023.1950	1950	975	525	100	775	-
OWST9023.2000	2000	1000	510	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

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Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

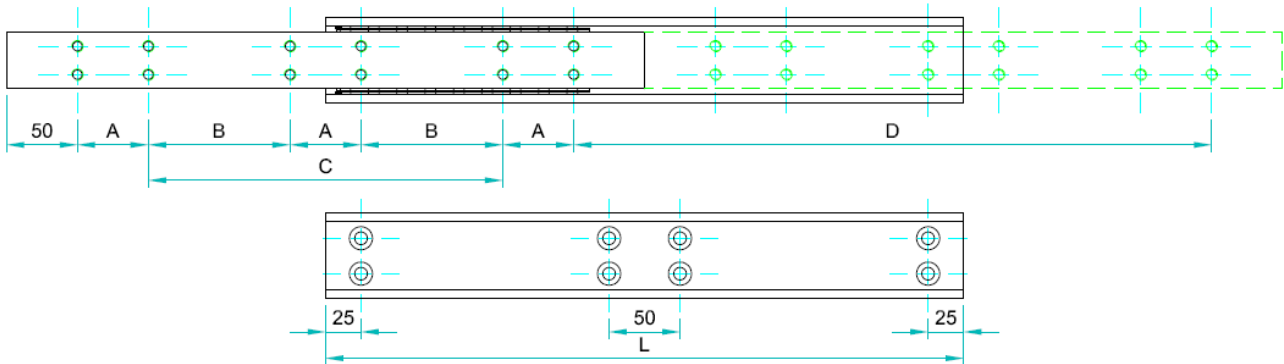
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

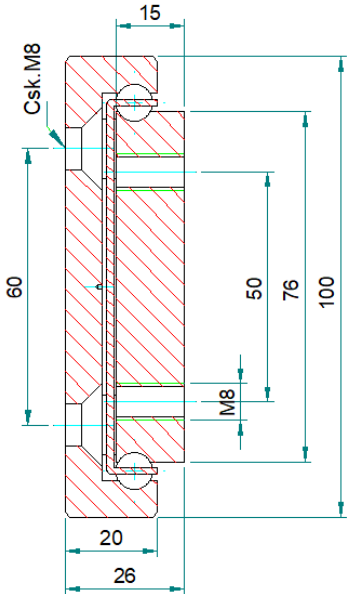
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



OWST-10024 weights 13.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST10026.0300	300	300	1410	50	-	100
OWST10026.0350	350	350	1450	50	-	150
OWST10026.0400	400	400	1510	50	-	200
OWST10026.0450	450	450	1570	50	-	250
OWST10026.0500	500	500	1630	50	-	300
OWST10026.0550	550	550	1670	50	-	350
OWST10026.0600	600	600	1700	50	-	400
OWST10026.0650	650	650	1730	50	200	-
OWST10026.0700	700	700	1750	50	225	-
OWST10026.0750	750	750	1690	50	250	-
OWST10026.0800	800	800	1630	50	275	-
OWST10026.0850	850	850	1500	50	300	-
OWST10026.0900	900	900	1480	50	325	-
OWST10026.0950	950	950	1420	50	350	-
OWST10026.1000	1000	1000	1360	50	375	-
OWST10026.1050	1050	1050	1320	50	400	-
OWST10026.1100	1100	1100	1260	50	425	-
OWST10026.1150	1150	1150	1200	50	450	-
OWST10026.1200	1200	1200	1150	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

OWST -10023 weights 13.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
OWST10026.1250	1250	1250	1100	50	500	-
OWST10026.1300	1300	1300	1070	50	525	-
OWST10026.1350	1350	1350	1050	50	550	-
OWST10026.1400	1400	1400	1030	50	575	-
OWST10026.1450	1450	1450	1010	50	600	-
OWST10026.1500	1500	1500	980	50	625	-
OWST10026.1550	1550	1550	950	50	650	-
OWST10026.1600	1600	1600	920	50	675	-
OWST10026.1650	1650	1650	880	50	700	-
OWST10026.1700	1700	1700	840	100	650	-
OWST10026.1750	1750	1750	810	100	675	-
OWST10026.1800	1800	1800	780	100	700	-
OWST10026.1850	1850	1850	750	100	725	-
OWST10026.1900	1900	1900	720	100	750	-
OWST10026.1950	1950	1950	700	100	775	-
OWST10026.2000	2000	2000	670	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

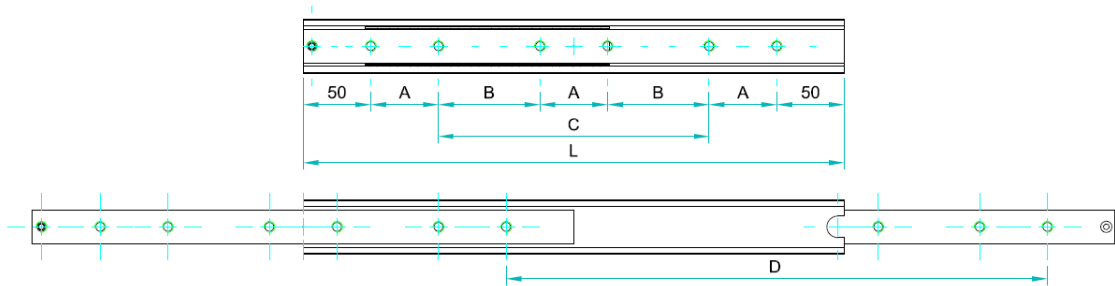
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

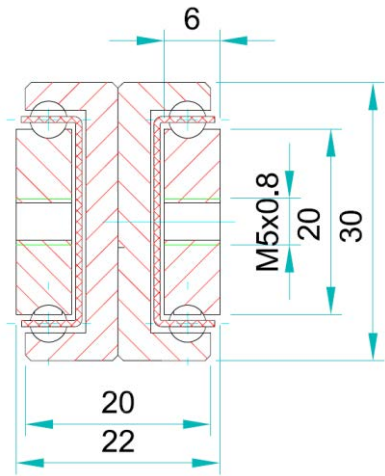
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DOWS-3022 weighs 3.9 kg/m.				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS3022.0200	200	200	112	50	-	-
DOWS3022.0250	250	250	118	50	-	50
DOWS3022.0300	300	300	120	50	-	100
DOWS3022.0350	350	350	124	50	-	150
DOWS3022.0400	400	400	132	50	-	200
DOWS3022.0450	450	450	142	50	-	250
DOWS3022.0500	500	500	150	50	-	300
DOWS3022.0550	550	550	142	50	150	-
DOWS3022.0600	600	600	134	50	175	-
DOWS3022.0650	650	650	126	50	200	-
DOWS3022.0700	700	700	116	50	225	-
DOWS3022.0750	750	750	106	50	250	-
DOWS3022.0800	800	800	96	50	275	-
DOWS3022.0850	850	850	82	50	300	-
DOWS3022.0900	900	900	70	50	325	-
DOWS3022.0950	950	950	58	50	350	-
DOWS3022.1000	1000	1000	50	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

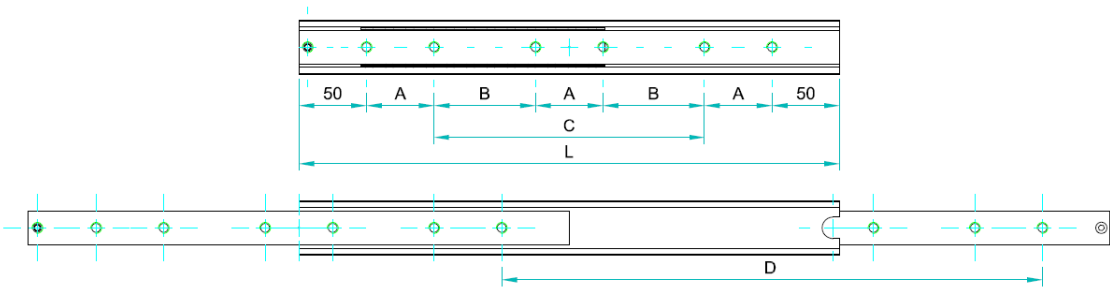
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

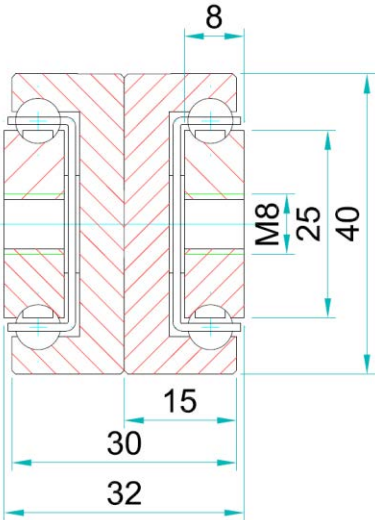
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DOWS-4032 weights 7.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS4032.0200	200	200	270	50	-	-
DOWS4032.0250	250	250	280	50	-	50
DOWS4032.0300	300	300	290	50	-	100
DOWS4032.0350	350	350	300	50	-	150
DOWS4032.0400	400	400	310	50	-	200
DOWS4032.0450	450	450	320	50	-	250
DOWS4032.0500	500	500	330	50	-	300
DOWS4032.0550	550	550	350	50	150	-
DOWS4032.0600	600	600	340	50	175	-
DOWS4032.0650	650	650	320	50	200	-
DOWS4032.0700	700	700	300	50	225	-
DOWS4032.0750	750	750	290	50	250	-
DOWS4032.0800	800	800	280	50	275	-
DOWS4032.0850	850	850	270	50	300	-
DOWS4032.0900	900	900	250	50	325	-
DOWS4032.0950	950	950	230	50	350	-
DOWS4032.1000	1000	1000	220	50	375	-
DOWS4032.1050	1050	1050	210	50	400	-
DOWS4032.1100	1100	1100	200	50	425	-
DOWS4032.1150	1150	1150	190	50	450	-
DOWS4032.1200	1200	1200	180	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DOWS-4032 weights 7.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS4032.1250	1250	1250	170	50	500	-
DOWS4032.1300	1300	1300	160	50	525	-
DOWS4032.1350	1350	1350	155	50	550	-
DOWS4032.1400	1400	1400	150	50	575	-
DOWS4032.1450	1450	1450	145	50	600	-
DOWS4032.1500	1500	1500	140	50	625	-
DOWS4032.1550	1550	1550	130	50	650	-
DOWS4032.1600	1600	1600	120	50	675	-
DOWS4032.1650	1650	1650	110	50	700	-
DOWS4032.1700	1700	1700	100	100	650	-
DOWS4032.1750	1750	1750	90	100	675	-
DOWS4032.1800	1800	1800	80	100	700	-
DOWS4032.1850	1850	1850	70	100	725	-
DOWS4032.1900	1900	1900	60	100	750	-
DOWS4032.1950	1950	1950	50	100	775	-
DOWS4032.2000	2000	2000	40	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

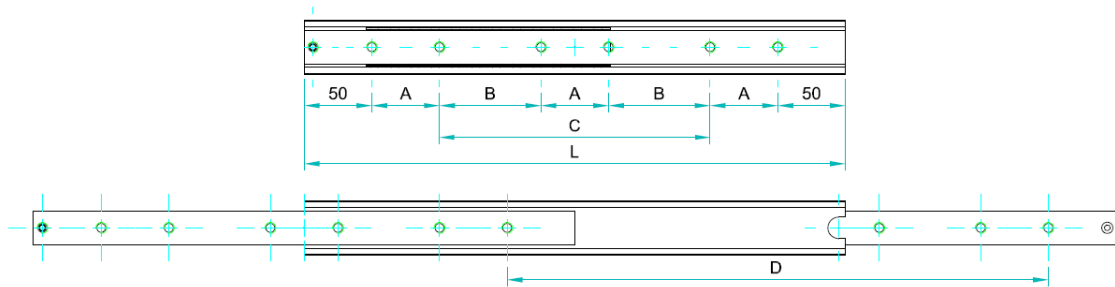
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

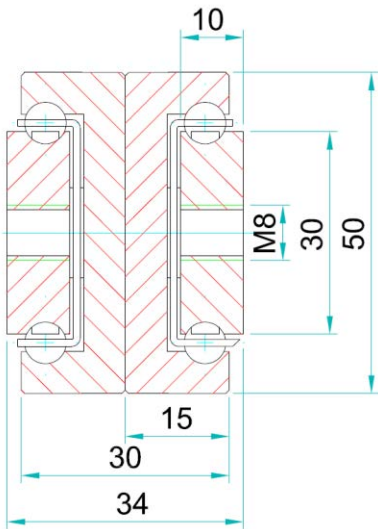
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DOWS-5034 weights 10.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS5034.0200	200	200	375	50	-	-
DOWS5034.0250	250	250	385	50	-	50
DOWS5034.0300	300	300	396	50	-	100
DOWS5034.0350	350	350	405	50	-	150
DOWS5034.0400	400	400	414	50	-	200
DOWS5034.0450	450	450	440	50	-	250
DOWS5034.0500	500	500	455	50	-	300
DOWS5034.0550	550	550	465	50	150	-
DOWS5034.0600	600	600	475	50	175	-
DOWS5034.0650	650	650	465	50	200	-
DOWS5034.0700	700	700	450	50	225	-
DOWS5034.0750	750	750	440	50	250	-
DOWS5034.0800	800	800	430	50	275	-
DOWS5034.0850	850	850	415	50	300	-
DOWS5034.0900	900	900	405	50	325	-
DOWS5034.0950	950	950	400	50	350	-
DOWS5034.1000	1000	1000	385	50	375	-
DOWS5034.1050	1050	1050	360	50	400	-
DOWS5034.1100	1100	1100	350	50	425	-
DOWS5034.1150	1150	1150	342	50	450	-
DOWS5034.1200	1200	1200	315	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DOWS-5034 weights 10.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS5034.1250	1250	1250	300	50	500	-
DOWS5034.1300	1300	1300	290	50	525	-
DOWS5034.1350	1350	1350	280	50	550	-
DOWS5034.1400	1400	1400	270	50	575	-
DOWS5034.1450	1450	1450	260	50	600	-
DOWS5034.1500	1500	1500	245	50	625	-
DOWS5034.1550	1550	1550	220	50	650	-
DOWS5034.1600	1600	1600	205	50	675	-
DOWS5034.1650	1650	1650	190	50	700	-
DOWS5034.1700	1700	1700	185	100	650	-
DOWS5034.1750	1750	1750	180	100	675	-
DOWS5034.1800	1800	1800	175	100	700	-
DOWS5034.1850	1850	1850	165	100	725	-
DOWS5034.1900	1900	1900	160	100	750	-
DOWS5034.1950	1950	1950	150	100	775	-
DOWS5034.2000	2000	2000	140	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

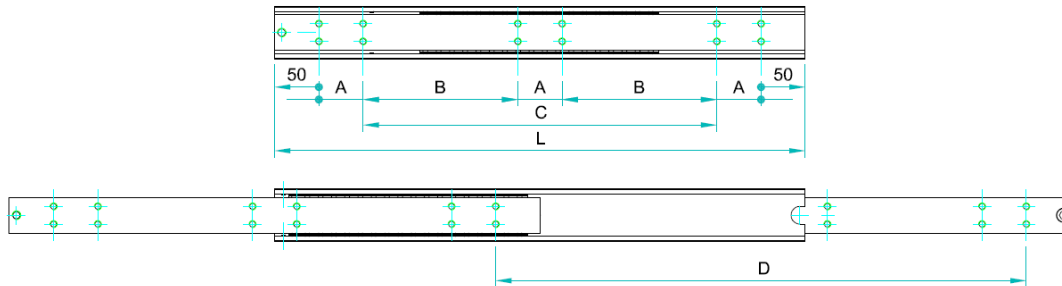
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

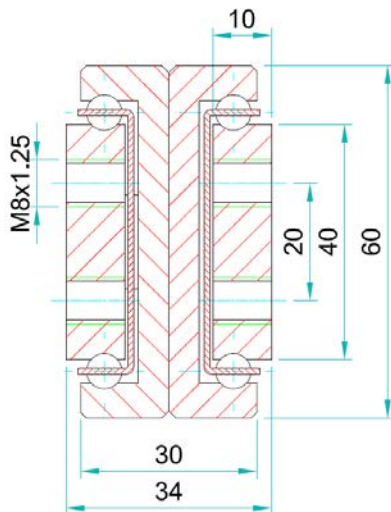
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DOWS-6034 weights 12.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS6034.0200	200	200	495	50	-	-
DOWS6034.0250	250	250	510	50	-	50
DOWS6034.0300	300	300	530	50	-	100
DOWS6034.0350	350	350	535	50	-	150
DOWS6034.0400	400	400	550	50	-	200
DOWS6034.0450	450	450	575	50	-	250
DOWS6034.0500	500	500	585	50	-	300
DOWS6034.0550	550	550	605	50	-	350
DOWS6034.0600	600	600	615	50	-	400
DOWS6034.0650	650	650	625	50	200	-
DOWS6034.0700	700	700	640	50	225	-
DOWS6034.0750	750	750	655	50	250	-
DOWS6034.0800	800	800	665	50	275	-
DOWS6034.0850	850	850	655	50	300	-
DOWS6034.0900	900	900	640	50	325	-
DOWS6034.0950	950	950	625	50	350	-
DOWS6034.1000	1000	1000	615	50	375	-
DOWS6034.1050	1050	1050	605	50	400	-
DOWS6034.1100	1100	1100	685	50	425	-
DOWS6034.1150	1150	1150	670	50	450	-
DOWS6034.1200	1200	1200	555	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DOWS-6034 weights 12.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS6034.1250	1250	1250	535	50	500	-
DOWS6034.1300	1300	1300	515	50	525	-
DOWS6034.1350	1350	1350	500	50	550	-
DOWS6034.1400	1400	1400	485	50	575	-
DOWS6034.1450	1450	1450	465	50	600	-
DOWS6034.1500	1500	1500	440	50	625	-
DOWS6034.1550	1550	1550	415	50	650	-
DOWS6034.1600	1600	1600	390	50	675	-
DOWS6034.1650	1650	1650	365	50	700	-
DOWS6034.1700	1700	1700	345	100	650	-
DOWS6034.1750	1750	1750	330	100	675	-
DOWS6034.1800	1800	1800	300	100	700	-
DOWS6034.1850	1850	1850	290	100	725	-
DOWS6034.1900	1900	1900	275	100	750	-
DOWS6034.1950	1950	1950	270	100	775	-
DOWS6034.2000	2000	2000	260	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

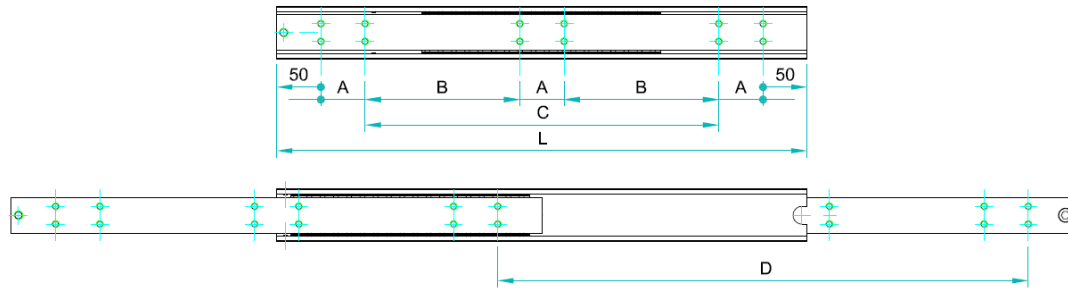
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse

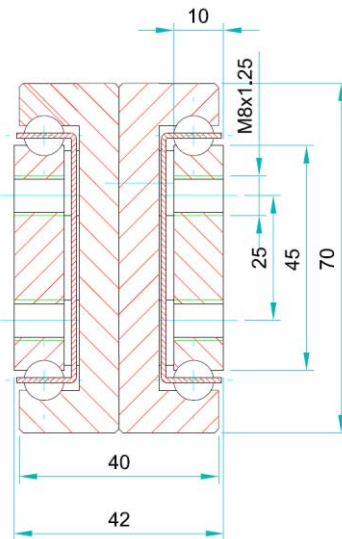


Note: Bespoke length, drilling pattern & extension on request



Options:

"H" – Hardened raceways
 "V" – V shape channel raceways
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



Type: DOWS-7042				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS7042.0300	300	300	650	50	-	100
DOWS7042.0350	350	350	670	50	-	150
DOWS7042.0400	400	400	685	50	-	200
DOWS7042.0450	450	450	700	50	-	250
DOWS7042.0500	500	500	720	50	-	300
DOWS7042.0550	550	550	740	50	-	350
DOWS7042.0600	600	600	770	50	-	400
DOWS7042.0650	650	650	800	50	200	-
DOWS7042.0700	700	700	820	50	225	-
DOWS7042.0750	750	750	850	50	250	-
DOWS7042.0800	800	800	840	50	275	-
DOWS7042.0850	850	850	830	50	300	-
DOWS7042.0900	900	900	820	50	325	-
DOWS7042.0950	950	950	800	50	350	-
DOWS7042.1000	1000	1000	780	50	375	-
DOWS7042.1050	1050	1050	775	50	400	-
DOWS7042.1100	1100	1100	765	50	425	-
DOWS7042.1150	1150	1150	755	50	450	-
DOWS7042.1200	1200	1200	745	50	475	-



Do not dismantle the slide!

The maximum safe working load is stated for full pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated at approx. 1% of the closed length, at or near full load capacity.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel.

Ball bearings: C85, G100: DIN 5401 (Chromed)..

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns), conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

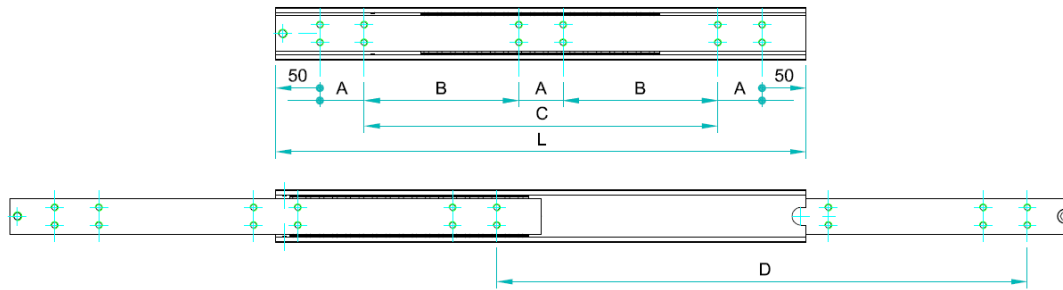
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Hardened: By increasing the hardness of the raceways, the life of the slides and the number of cycles is increased, the load capacity for slides up to 700 mm length is increased, the coefficient of friction is lower and operating speed is increased to 0.6 m/s.

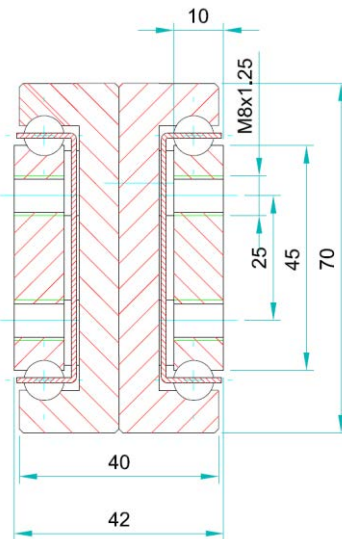


Note: Bespoke length, drilling pattern & extension on request



Options:

"H" – Hardened raceways
 "V" – V shape channel raceways
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



Type: DOWS-7042				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS7042.1250	1250	1250	730	50	500	-
DOWS7042.1300	1300	1300	710	50	525	-
DOWS7042.1350	1350	1350	695	50	550	-
DOWS7042.1400	1400	1400	680	50	575	-
DOWS7042.1450	1450	1450	665	50	600	-
DOWS7042.1500	1500	1500	640	50	625	-
DOWS7042.1550	1550	1550	620	50	650	-
DOWS7042.1600	1600	1600	600	50	675	-
DOWS7042.1650	1650	1650	570	50	700	-
DOWS7042.1700	1700	1700	550	100	650	-
DOWS7042.1750	1750	1750	520	100	675	-
DOWS7042.1800	1800	1800	490	100	700	-
DOWS7042.1850	1850	1850	465	100	725	-
DOWS7042.1900	1900	1900	430	100	750	-
DOWS7042.1950	1950	1950	400	100	775	-
DOWS7042.2000	2000	2000	375	100	800	-

- Contact our engineers to request accurate FEA load analysis and PUSH/PULL calculations for OEM projects.



Do not dismantle the slide!

The maximum safe working load is stated for full pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated at approx. 1% of the closed length, at or near full load capacity.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

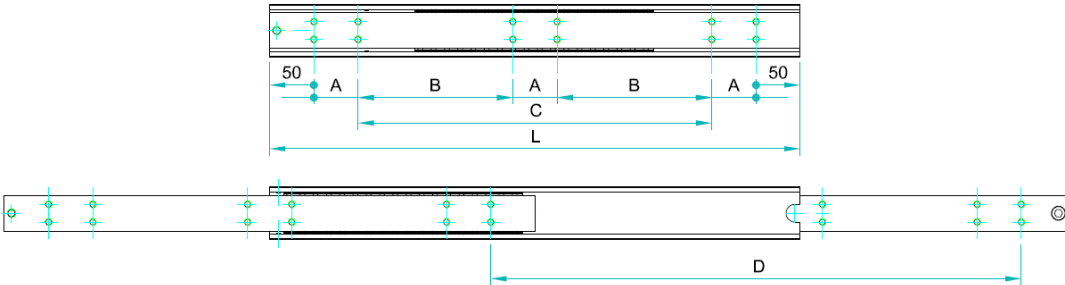
Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

Temperature range: Steel slides -20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

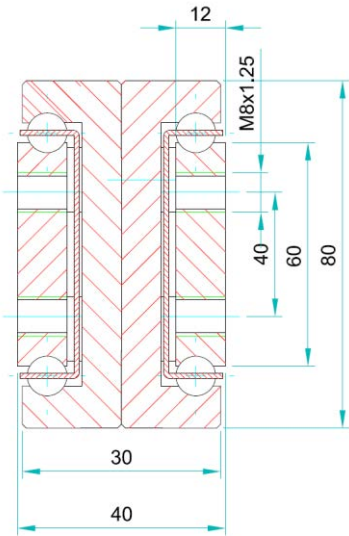
Hardened: By increasing the hardness of the raceways, the life of the slides and the number of cycles is increased, the load capacity for slides up to 700 mm length is increased, the coefficient of friction is lower and operating speed is increased to 0.6 m/s.





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DOWS-8040 weights 19.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS8040.0300	300	300	700	50	-	100
DOWS8040.0350	350	350	740	50	-	150
DOWS8040.0400	400	400	780	50	-	200
DOWS8040.0450	450	450	840	50	-	250
DOWS8040.0500	500	500	880	50	-	300
DOWS8040.0550	550	550	910	50	-	350
DOWS8040.0600	600	600	940	50	-	400
DOWS8040.0650	650	650	980	50	200	-
DOWS8040.0700	700	700	1060	50	225	-
DOWS8040.0750	750	750	1030	50	250	-
DOWS8040.0800	800	800	990	50	275	-
DOWS8040.0850	850	850	940	50	300	-
DOWS8040.0900	900	900	920	50	325	-
DOWS8040.0950	950	950	900	50	350	-
DOWS8040.1000	1000	1000	880	50	375	-
DOWS8040.1050	1050	1050	870	50	400	-
DOWS8040.1100	1100	1100	850	50	425	-
DOWS8040.1150	1150	1150	830	50	450	-
DOWS8040.1200	1200	1200	815	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DOWS-8040 weights 19.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS8040.1250	1250	1250	790	50	500	-
DOWS8040.1300	1300	1300	770	50	525	-
DOWS8040.1350	1350	1350	750	50	550	-
DOWS8040.1400	1400	1400	730	50	575	-
DOWS8040.1450	1450	1450	705	50	600	-
DOWS8040.1500	1500	1500	680	50	625	-
DOWS8040.1550	1550	1550	650	50	650	-
DOWS8040.1600	1600	1600	625	50	675	-
DOWS8040.1650	1650	1650	600	50	700	-
DOWS8040.1700	1700	1700	570	100	650	-
DOWS8040.1750	1750	1750	550	100	675	-
DOWS8040.1800	1800	1800	525	100	700	-
DOWS8040.1850	1850	1850	500	100	725	-
DOWS8040.1900	1900	1900	460	100	750	-
DOWS8040.1950	1950	1950	420	100	775	-
DOWS8040.2000	2000	2000	370	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

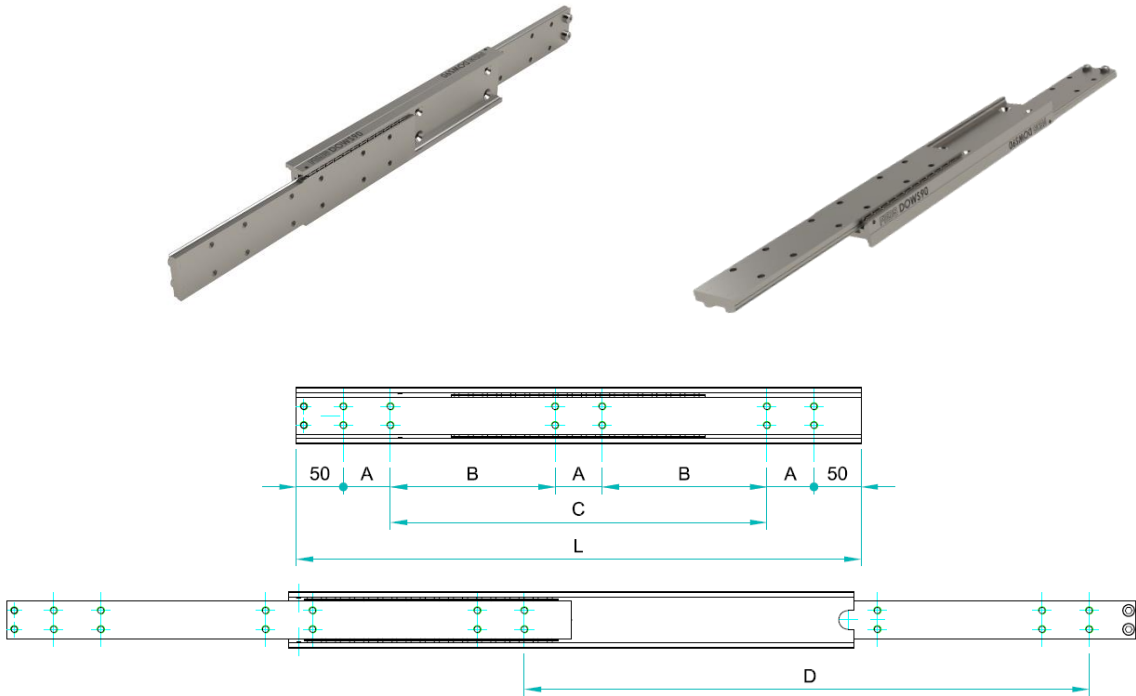
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

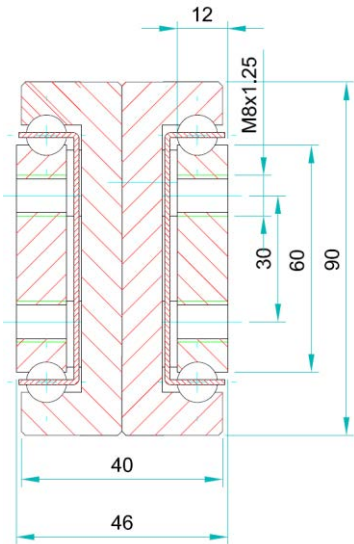
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





Options:
"H" – Hardened raceways
"V" - V shape channel raceways
"SB"- stainless steel ball bearings
"SC"- stainless steel ball cages
"SA"- stainless steel stopping pins and bolts



DOWS-9046 weights 25.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS9046.0300	300	300	850	50	-	100
DOWS9046.0350	350	350	890	50	-	150
DOWS9046.0400	400	400	930	50	-	200
DOWS9046.0450	450	450	965	50	-	250
DOWS9046.0500	500	500	1005	50	-	300
DOWS9046.0550	550	550	1050	50	-	350
DOWS9046.0600	600	600	1080	50	-	400
DOWS9046.0650	650	650	1110	50	200	-
DOWS9046.0700	700	700	1135	50	225	-
DOWS9046.0750	750	750	1150	50	250	-
DOWS9046.0800	800	800	1175	50	275	-
DOWS9046.0850	850	850	1150	50	300	-
DOWS9046.0900	900	900	1100	50	325	-
DOWS9046.0950	950	950	1080	50	350	-
DOWS9046.1000	1000	1000	1050	50	375	-
DOWS9046.1050	1050	1050	990	50	400	-
DOWS9046.1100	1100	1100	980	50	425	-
DOWS9046.1150	1150	1150	965	50	450	-
DOWS9046.1200	1200	1200	955	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DOWS-9046 weights 25.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS9046.1250	1250	1250	935	50	500	-
DOWS9046.1300	1300	1300	920	50	525	-
DOWS9046.1350	1350	1350	900	50	550	-
DOWS9046.1400	1400	1400	880	50	575	-
DOWS9046.1450	1450	1450	840	50	600	-
DOWS9046.1500	1500	1500	810	50	625	-
DOWS9046.1550	1550	1550	780	50	650	-
DOWS9046.1600	1600	1600	750	50	675	-
DOWS9046.1650	1650	1650	710	50	700	-
DOWS9046.1700	1700	1700	690	100	650	-
DOWS9046.1750	1750	1750	675	100	675	-
DOWS9046.1800	1800	1800	645	100	700	-
DOWS9046.1850	1850	1850	610	100	725	-
DOWS9046.1900	1900	1900	590	100	750	-
DOWS9046.1950	1950	1950	560	100	775	-
DOWS9046.2000	2000	2000	525	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

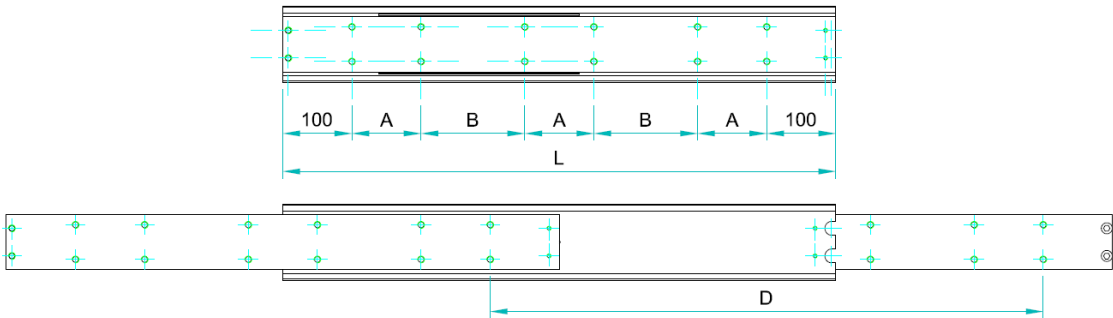
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

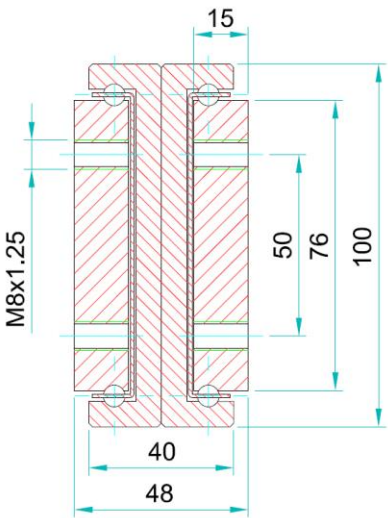
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" – V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DOWS-10048 weights 32.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS10048.0300	300	300	1000	50	-	-
DOWS10048.0350	350	350	1030	50	-	50
DOWS10048.0400	400	400	1070	50	-	100
DOWS10048.0450	450	450	1130	50	-	150
DOWS10048.0500	500	500	1180	50	-	200
DOWS10048.0550	550	550	1230	50	-	250
DOWS10048.0600	600	600	1290	50	-	300
DOWS10048.0650	650	650	1310	50	150	-
DOWS10048.0700	700	700	1340	50	175	-
DOWS10048.0750	750	750	1360	50	200	-
DOWS10048.0800	800	800	1380	100	150	-
DOWS10048.0850	850	850	1365	100	175	-
DOWS10048.0900	900	900	1350	100	200	-
DOWS10048.0950	950	950	1330	100	225	-
DOWS10048.1000	1000	1000	1300	100	250	-
DOWS10048.1050	1050	1050	1270	100	275	-
DOWS10048.1100	1100	1100	1240	100	300	-
DOWS10048.1150	1150	1150	1220	100	325	-
DOWS10048.1200	1200	1200	1180	100	350	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

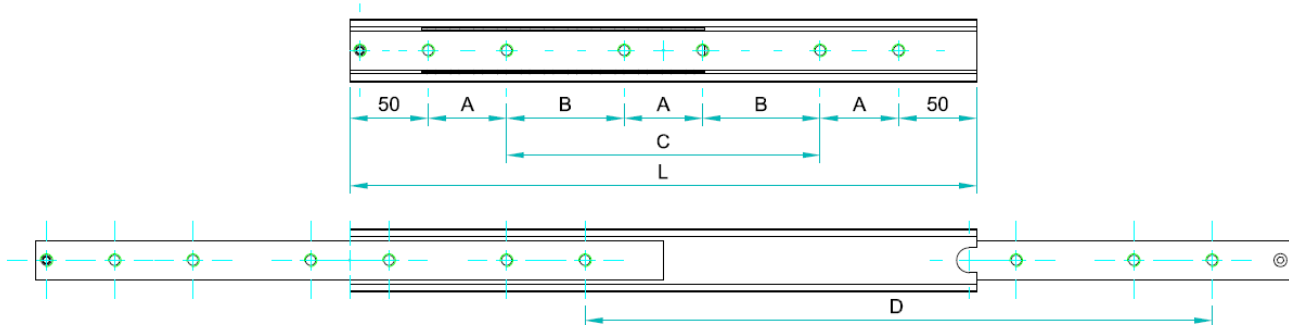
Installation width tolerance + 0.4 to – 0.6mm

DOWS-10048 weights 32.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS10048.1250	1250	1250	1160	100	375	-
DOWS10048.1300	1300	1300	1140	100	400	-
DOWS10048.1350	1350	1350	1120	100	425	-
DOWS10048.1400	1400	1400	1100	100	450	-
DOWS10048.1450	1450	1450	1080	100	475	-
DOWS10048.1500	1500	1500	1060	100	500	-
DOWS10048.1550	1550	1550	1040	100	525	-
DOWS10048.1600	1600	1600	1020	100	550	-
DOWS10048.1650	1650	1650	1000	100	575	-
DOWS10048.1700	1700	1700	980	100	600	-
DOWS10048.1750	1750	1750	960	100	625	-
DOWS10048.1800	1800	1800	940	100	650	-
DOWS10048.1850	1850	1850	920	100	675	-
DOWS10048.1900	1900	1900	880	100	700	-
DOWS10048.1950	1950	1950	840	100	725	-
DOWS10048.2000	2000	2000	800	100	750	-

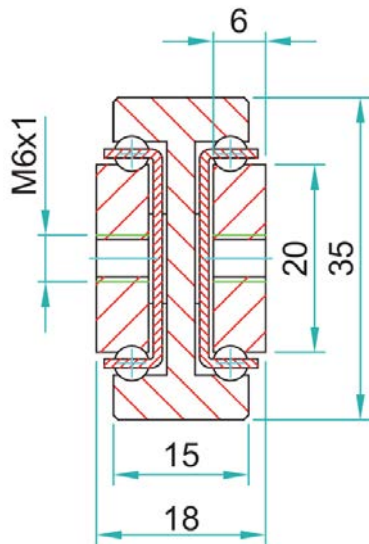
Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.**Beams:** Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.**Ball cages:** Zinc plated sheet steel. Laser cut profiles.**Ball bearings:** C85, G100: DIN 5401 (Chromed).**End Bolts:** ASTM A307.**Steel surface protection:** Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours**Temperature range:** Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion**Lubrication:** We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request**Clean Room Requirement:** The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production**Thread pitches:** As per end profile image - coarse

**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DTS-3518 weights 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS3518.0200	200	200	70	50	-	-
DTS3518.0250	250	250	80	50	-	50
DTS3518.0300	300	300	90	50	-	100
DTS3518.0350	350	350	100	50	-	150
DTS3518.0400	400	400	110	50	-	200
DTS3518.0450	450	450	120	50	-	250
DTS3518.0500	500	500	115	50	-	300
DTS3518.0550	550	550	100	50	150	-
DTS3518.0600	600	600	90	50	175	-
DTS3518.0650	650	650	85	50	200	-
DTS3518.0700	700	700	80	50	225	-
DTS3518.0750	750	750	75	50	250	-
DTS3518.0800	800	800	70	50	275	-
DTS3518.0850	850	850	65	50	300	-
DTS3518.0900	900	900	60	50	325	-
DTS3518.0950	950	950	55	50	350	-
DTS3518.1000	1000	1000	50	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

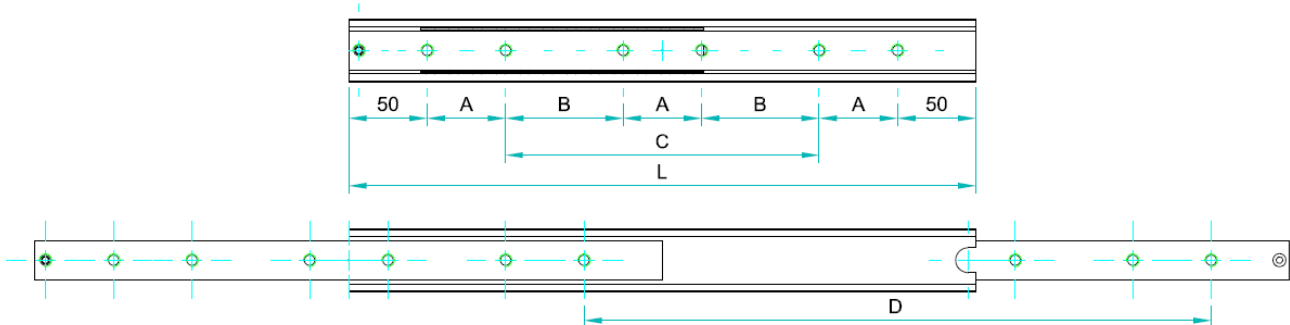
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

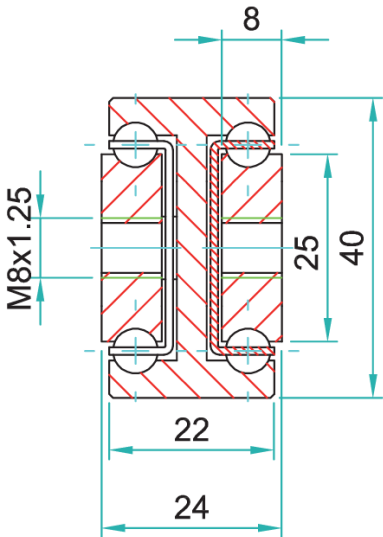
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DTS-4024 weights 5.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS4024.0200	200	200	270	50	-	-
DTS4024.0250	250	250	280	50	-	50
DTS4024.0300	300	300	290	50	-	100
DTS4024.0350	350	350	300	50	-	150
DTS4024.0400	400	400	310	50	-	200
DTS4024.0450	450	450	320	50	-	250
DTS4024.0500	500	500	330	50	-	300
DTS4024.0550	550	550	350	50	150	-
DTS4024.0600	600	600	340	50	175	-
DTS4024.0650	650	650	320	50	200	-
DTS4024.0700	700	700	300	50	225	-
DTS4024.0750	750	750	290	50	250	-
DTS4024.0800	800	800	280	50	275	-
DTS4024.0850	850	850	270	50	300	-
DTS4024.0900	900	900	250	50	325	-
DTS4024.0950	950	950	230	50	350	-
DTS4024.1000	1000	1000	220	50	375	-
DTS4024.1050	1050	1050	210	50	400	-
DTS4024.1100	1100	1100	200	50	425	-
DTS4024.1150	1150	1150	190	50	450	-
DTS4024.1200	1200	1200	180	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTS-4024 weights 5.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS4024.1250	1250	1250	170	50	500	-
DTS4024.1300	1300	1300	160	50	525	-
DTS4024.1350	1350	1350	155	50	550	-
DTS4024.1400	1400	1400	150	50	575	-
DTS4024.1450	1450	1450	145	50	600	-
DTS4024.1500	1500	1500	140	50	625	-
DTS4024.1550	1550	1550	130	50	650	-
DTS4024.1600	1600	1600	120	50	675	-
DTS4024.1650	1650	1650	110	50	700	-
DTS4024.1700	1700	1700	100	100	650	-
DTS4024.1750	1750	1750	90	100	675	-
DTS4024.1800	1800	1800	80	100	700	-
DTS4024.1850	1850	1850	70	100	725	-
DTS4024.1900	1900	1900	60	100	750	-
DTS4024.1950	1950	1950	50	100	775	-
DTS4024.2000	2000	2000	40	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

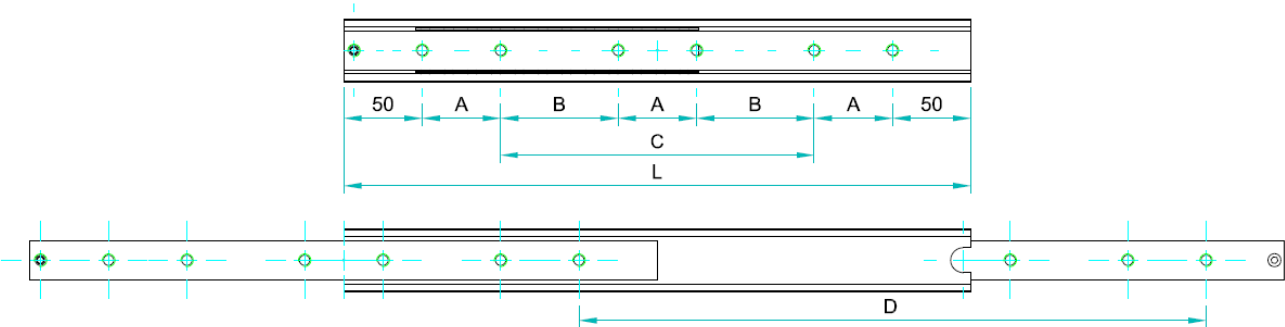
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

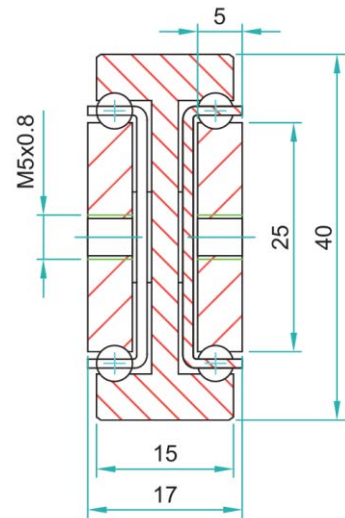
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DTS-4017 weights 3.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS4017.0200	200	200	107	50	-	-
DTS4017.0250	250	250	114	50	-	50
DTS4017.0300	300	300	125	50	-	100
DTS4017.0350	350	350	136	50	-	150
DTS4017.0400	400	400	147	50	-	200
DTS4017.0450	450	450	158	50	-	250
DTS4017.0500	500	500	164	50	-	300
DTS4017.0550	550	550	166	50	150	-
DTS4017.0600	600	600	160	50	175	-
DTS4017.0650	650	650	155	50	200	-
DTS4017.0700	700	700	150	50	225	-
DTS4017.0750	750	750	140	50	250	-
DTS4017.0800	800	800	125	50	275	-
DTS4017.0850	850	850	110	50	300	-
DTS4017.0900	900	900	98	50	325	-
DTS4017.0950	950	950	90	50	350	-
DTS4017.1000	1000	1000	80	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

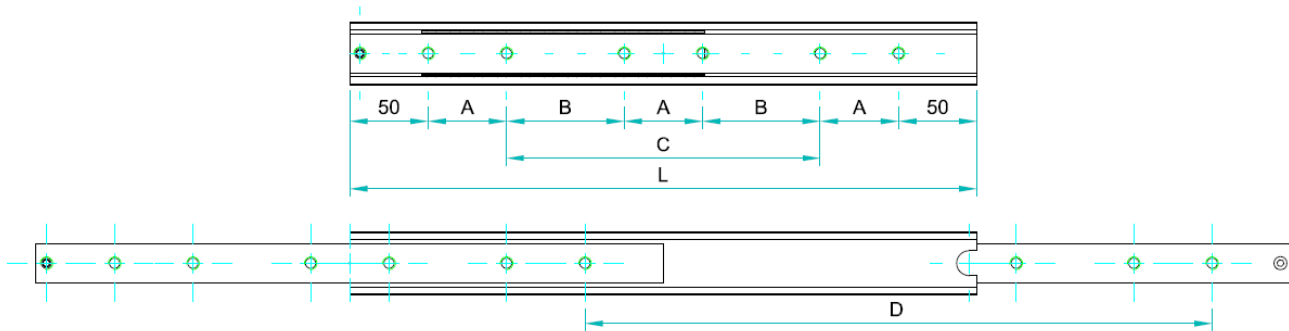
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

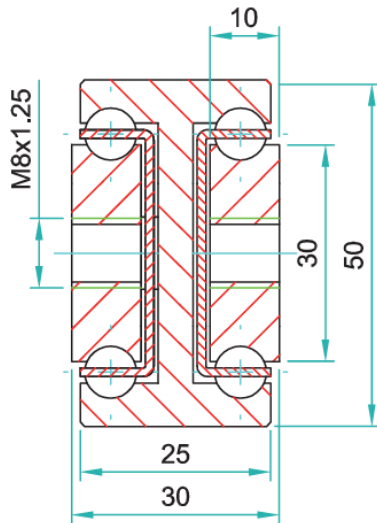
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DTS-5030 weights 8.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS5030.0200	200	200	340	50	-	-
DTS5030.0250	250	250	350	50	-	50
DTS5030.0300	300	300	360	50	-	100
DTS5030.0350	350	350	370	50	-	150
DTS5030.0400	400	400	380	50	-	200
DTS5030.0450	450	450	390	50	-	250
DTS5030.0500	500	500	400	50	-	300
DTS5030.0550	550	550	410	50	-	350
DTS5030.0600	600	600	420	50	-	400
DTS5030.0650	650	650	410	50	200	-
DTS5030.0700	700	700	400	50	225	-
DTS5030.0750	750	750	390	50	250	-
DTS5030.0800	800	800	380	50	275	-
DTS5030.0850	850	850	370	50	300	-
DTS5030.0900	900	900	360	50	325	-
DTS5030.0950	950	950	350	50	350	-
DTS5030.1000	1000	1000	340	50	375	-
DTS5030.1050	1050	1050	330	50	400	-
DTS5030.1100	1100	1100	320	50	425	-
DTS5030.1150	1150	1150	310	50	450	-
DTS5030.1200	1200	1200	290	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTS-5030 weights 8.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS5030.1250	1250	1250	280	50	500	-
DTS5030.1300	1300	1300	270	50	525	-
DTS5030.1350	1350	1350	260	50	550	-
DTS5030.1400	1400	1400	250	50	575	-
DTS5030.1450	1450	1450	230	50	600	-
DTS5030.1500	1500	1500	200	50	625	-
DTS5030.1550	1550	1550	190	50	650	-
DTS5030.1600	1600	1600	180	50	675	-
DTS5030.1650	1650	1650	170	50	700	-
DTS5030.1700	1700	1700	160	100	650	-
DTS5030.1750	1750	1750	150	100	675	-
DTS5030.1800	1800	1800	140	100	700	-
DTS5030.1850	1850	1850	130	100	725	-
DTS5030.1900	1900	1900	120	100	750	-
DTS5030.1950	1950	1950	110	100	775	-
DTS5030.2000	2000	2000	100	100	800	-
DTS5030.2100	2100	2100	80	100	850	-
DTS5030.2200	2200	2200	70	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

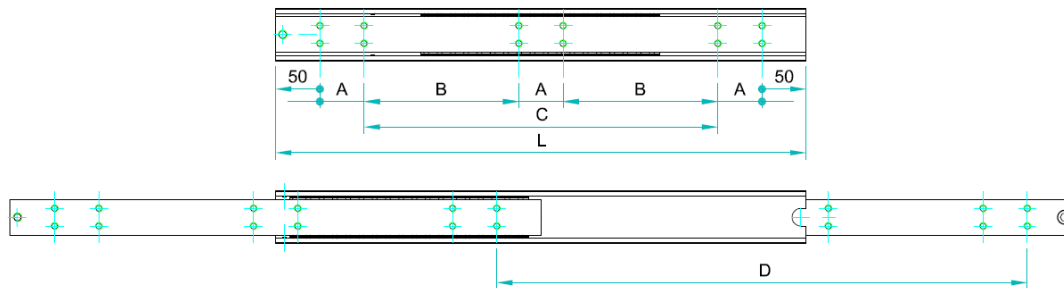
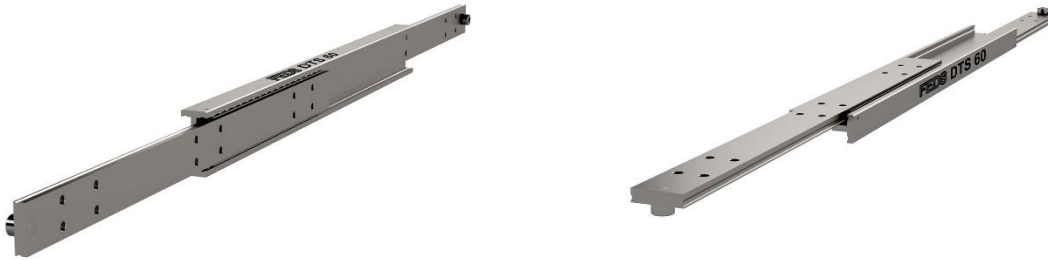
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

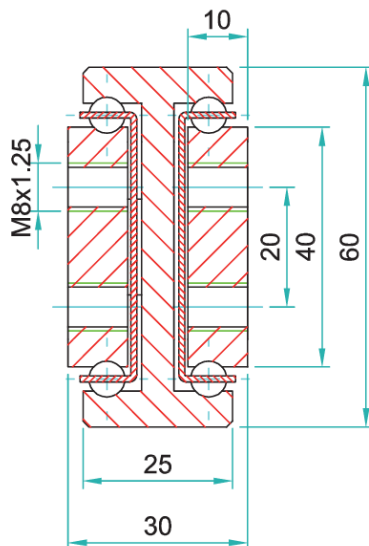
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

- "H" – Hardened raceways
- "V" – V shape channel raceways
- "F" – one outer beam countersunk
- "FF" – both outer beams countersunk
- "SB" – stainless steel ball bearings
- "SC" – stainless steel ball cages
- "SA" – stainless steel stopping pins and bolts



DTS-6030 weights 10.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS6030.0200	200	200	450	50	-	-
DTS6030.0250	250	250	470	50	-	50
DTS6030.0300	300	300	480	50	-	100
DTS6030.0350	350	350	490	50	-	150
DTS6030.0400	400	400	500	50	-	200
DTS6030.0450	450	450	520	50	-	250
DTS6030.0500	500	500	530	50	-	300
DTS6030.0550	550	550	550	50	-	350
DTS6030.0600	600	600	560	50	-	400
DTS6030.0650	650	650	570	50	200	-
DTS6030.0700	700	700	580	50	225	-
DTS6030.0750	750	750	590	50	250	-
DTS6030.0800	800	800	600	50	275	-
DTS6030.0850	850	850	590	50	300	-
DTS6030.0900	900	900	580	50	325	-
DTS6030.0950	950	950	570	50	350	-
DTS6030.1000	1000	1000	560	50	375	-
DTS6030.1050	1050	1050	540	50	400	-
DTS6030.1100	1100	1100	520	50	425	-
DTS6030.1150	1150	1150	510	50	450	-
DTS6030.1200	1200	1200	500	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTS-6030 weights 10.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS6030.1250	1250	1250	480	50	500	-
DTS6030.1300	1300	1300	460	50	525	-
DTS6030.1350	1350	1350	440	50	550	-
DTS6030.1400	1400	1400	420	50	575	-
DTS6030.1450	1450	1450	400	50	600	-
DTS6030.1500	1500	1500	380	50	625	-
DTS6030.1550	1550	1550	350	50	650	-
DTS6030.1600	1600	1600	330	50	675	-
DTS6030.1650	1650	1650	310	50	700	-
DTS6030.1700	1700	1700	290	100	650	-
DTS6030.1750	1750	1750	280	100	675	-
DTS6030.1800	1800	1800	260	100	700	-
DTS6030.1850	1850	1850	240	100	725	-
DTS6030.1900	1900	1900	220	100	750	-
DTS6030.1950	1950	1950	200	100	775	-
DTS6030.2000	2000	2000	180	100	800	-
DTS6030.2100	2100	2100	170	100	850	-
DTS6030.2200	2200	2200	150	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

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Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

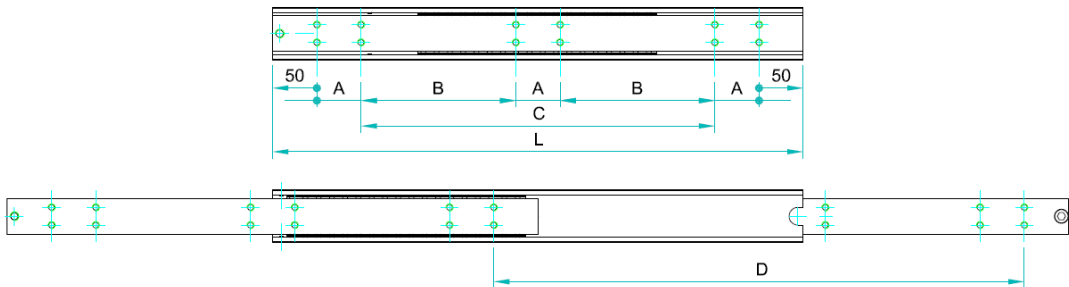
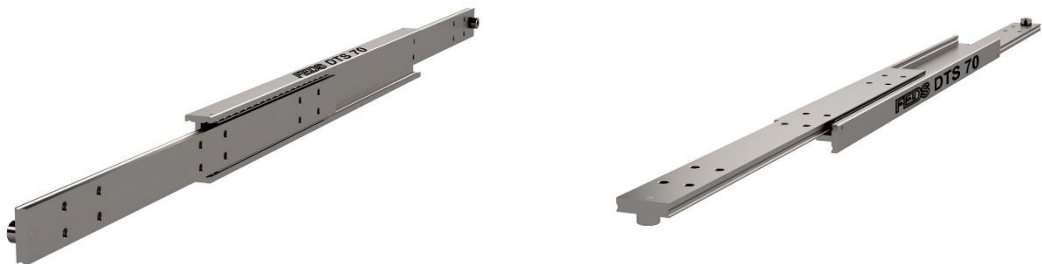
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

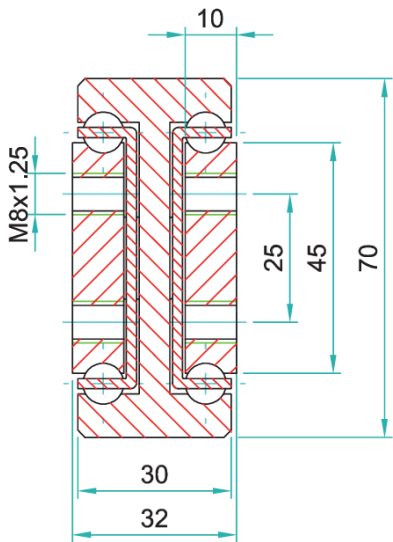
Thread pitches: As per end profile image – coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DTS-7032 weight 13.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS7032.0200	200	200	540	50	-	-
DTS7032.0250	250	250	560	50	-	50
DTS7032.0300	300	300	580	50	-	100
DTS7032.0350	350	350	600	50	-	150
DTS7032.0400	400	400	620	50	-	200
DTS7032.0450	450	450	640	50	-	250
DTS7032.0500	500	500	650	50	-	300
DTS7032.0550	550	550	660	50	-	350
DTS7032.0600	600	600	670	50	-	400
DTS7032.0650	650	650	680	50	200	-
DTS7032.0700	700	700	690	50	225	-
DTS7032.0750	750	750	695	50	250	-
DTS7032.0800	800	800	700	50	275	-
DTS7032.0850	850	850	695	50	300	-
DTS7032.0900	900	900	690	50	325	-
DTS7032.0950	950	950	685	50	350	-
DTS7032.1000	1000	1000	680	50	375	-
DTS7032.1050	1050	1050	660	50	400	-
DTS7032.1100	1100	1100	650	50	425	-
DTS7032.1150	1150	1150	630	50	450	-
DTS7032.1200	1200	1200	610	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTS-7032 weights 13.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS7032.1250	1250	1250	600	50	500	-
DTS7032.1300	1300	1300	580	50	525	-
DTS7032.1350	1350	1350	550	50	550	-
DTS7032.1400	1400	1400	520	50	575	-
DTS7032.1450	1450	1450	490	50	600	-
DTS7032.1500	1500	1500	460	50	625	-
DTS7032.1550	1550	1550	420	50	650	-
DTS7032.1600	1600	1600	380	50	675	-
DTS7032.1650	1650	1650	350	50	700	-
DTS7032.1700	1700	1700	340	100	650	-
DTS7032.1750	1750	1750	315	100	675	-
DTS7032.1800	1800	1800	300	100	700	-
DTS7032.1850	1850	1850	280	100	725	-
DTS7032.1900	1900	1900	255	100	750	-
DTS7032.1950	1950	1950	240	100	775	-
DTS7032.2000	2000	2000	220	100	800	-
DTS7032.2100	2100	2100	200	100	850	-
DTS7032.2200	2200	2200	180	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

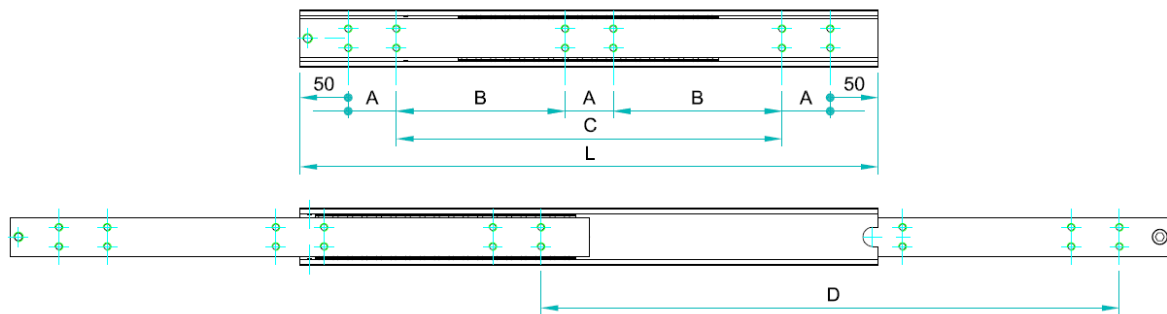
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

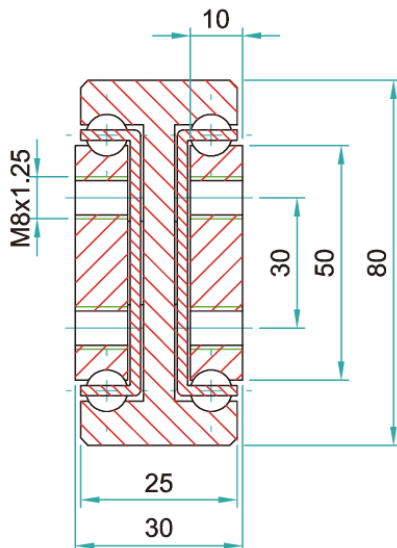
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DTS-8030 weight 15.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS8030.0200	200	200	600	50	-	-
DTS8030.0250	250	250	620	50	-	50
DTS8030.0300	300	300	640	50	-	100
DTS8030.0350	350	350	680	50	-	150
DTS8030.0400	400	400	720	50	-	200
DTS8030.0450	450	450	760	50	-	250
DTS8030.0500	500	500	830	50	-	300
DTS8030.0550	550	550	850	50	-	350
DTS8030.0600	600	600	860	50	-	400
DTS8030.0650	650	650	865	50	200	-
DTS8030.0700	700	700	875	50	225	-
DTS8030.0750	750	750	880	50	250	-
DTS8030.0800	800	800	870	50	275	-
DTS8030.0850	850	850	860	50	300	-
DTS8030.0900	900	900	850	50	325	-
DTS8030.0950	950	950	840	50	350	-
DTS8030.1000	1000	1000	820	50	375	-
DTS8030.1050	1050	1050	800	50	400	-
DTS8030.1100	1100	1100	780	50	425	-
DTS8030.1150	1150	1150	760	50	450	-
DTS8030.1200	1200	1200	740	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTS-8030 weight 15.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS8030.1250	1250	1250	740	50	500	-
DTS8030.1300	1300	1300	720	50	525	-
DTS8030.1350	1350	1350	690	50	550	-
DTS8030.1400	1400	1400	660	50	575	-
DTS8030.1450	1450	1450	630	50	600	-
DTS8030.1500	1500	1500	600	50	625	-
DTS8030.1550	1550	1550	580	50	650	-
DTS8030.1600	1600	1600	540	50	675	-
DTS8030.1650	1650	1650	520	50	700	-
DTS8030.1700	1700	1700	490	100	650	-
DTS8030.1750	1750	1750	450	100	675	-
DTS8030.1800	1800	1800	400	100	700	-
DTS8030.1850	1850	1850	360	100	725	-
DTS8030.1900	1900	1900	320	100	750	-
DTS8030.1950	1950	1950	280	100	775	-
DTS8030.2000	2000	2000	250	100	800	-
DTS8030.2100	2100	2100	230	100	850	-
DTS8030.2200	2200	2200	210	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

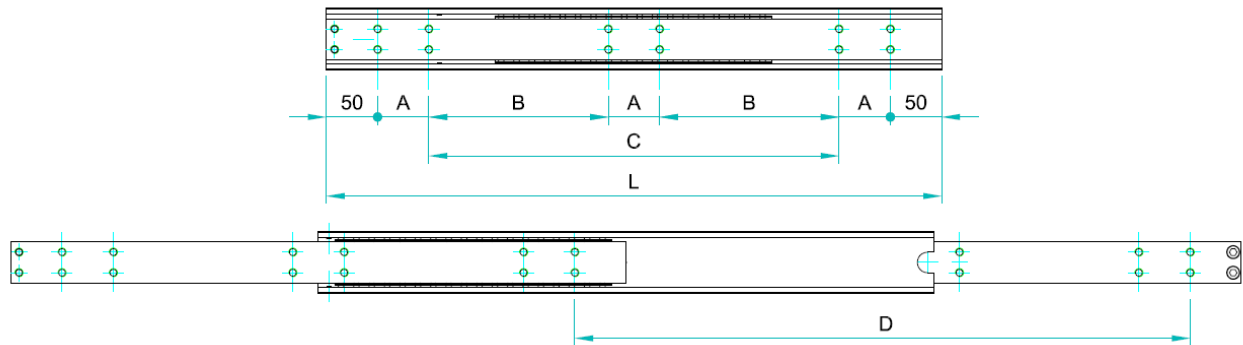
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

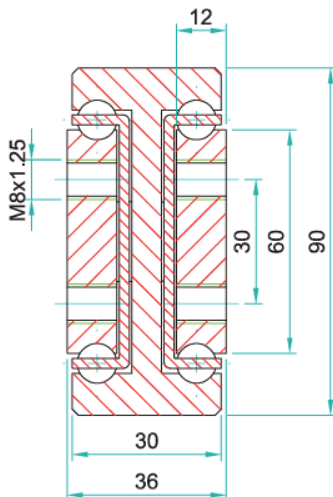
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" – V shape channel raceways
- "F" – one outer beam countersunk
- "FF" – both outer beams countersunk
- "SB" – stainless steel ball bearings
- "SC" – stainless steel ball cages
- "SA" – stainless steel stopping pins and bolts



DTS-9036 weights 19.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS9036.0200	200	200	650	50	-	-
DTS9036.0250	250	250	720	50	-	50
DTS9036.0300	300	300	780	50	-	100
DTS9036.0350	350	350	830	50	-	150
DTS9036.0400	400	400	860	50	-	200
DTS9036.0450	450	450	890	50	-	250
DTS9036.0500	500	500	940	50	-	300
DTS9036.0550	550	550	960	50	-	350
DTS9036.0600	600	600	980	50	-	400
DTS9036.0650	650	650	1000	50	200	-
DTS9036.0700	700	700	1030	50	225	-
DTS9036.0750	750	750	1040	50	250	-
DTS9036.0800	800	800	1050	50	275	-
DTS9036.0850	850	850	1045	50	300	-
DTS9036.0900	900	900	1030	50	325	-
DTS9036.0950	950	950	1015	50	350	-
DTS9036.1000	1000	1000	995	50	375	-
DTS9036.1050	1050	1050	980	50	400	-
DTS9036.1100	1100	1100	950	50	425	-
DTS9036.1150	1150	1150	920	50	450	-
DTS9036.1200	1200	1200	900	50	475	-
DTS9036.1250	1250	1250	880	50	500	-
DTS9036.1300	1300	1300	850	50	525	-
DTS9036.1350	1350	1350	820	50	550	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: DTS-9036 weights 19.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS9036.1400	1400	1400	790	50	575	-
DTS9036.1450	1450	1450	740	50	600	-
DTS9036.1500	1500	1500	710	50	625	-
DTS9036.1550	1550	1550	690	50	650	-
DTS9036.1600	1600	1600	660	50	675	-
DTS9036.1650	1650	1650	640	50	700	-
DTS9036.1700	1700	1700	620	100	650	-
DTS9036.1750	1750	1750	580	100	675	-
DTS9036.1800	1800	1800	540	100	700	-
DTS9036.1850	1850	1850	500	100	725	-
DTS9036.1900	1900	1900	470	100	750	-
DTS9036.1950	1950	1950	440	100	775	-
DTS9036.2000	2000	2000	420	100	800	-
DTS9036.2050	2050	2050	410	100	825	-
DTS9036.2100	2100	2100	400	100	850	-
DTS9036.2150	2150	2150	390	100	875	-
DTS9036.2200	2200	2200	380	100	900	-
DTS9036.2250	2250	2250	370	100	925	-
DTS9036.2300	2300	2300	360	100	950	-
DTS9036.2350	2350	2350	350	100	975	-
DTS9036.2400	2400	2400	340	100	1000	-
DTS9036.2450	2450	2450	330	100	1025	-
DTS9036.2500	2500	2500	320	100	1050	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

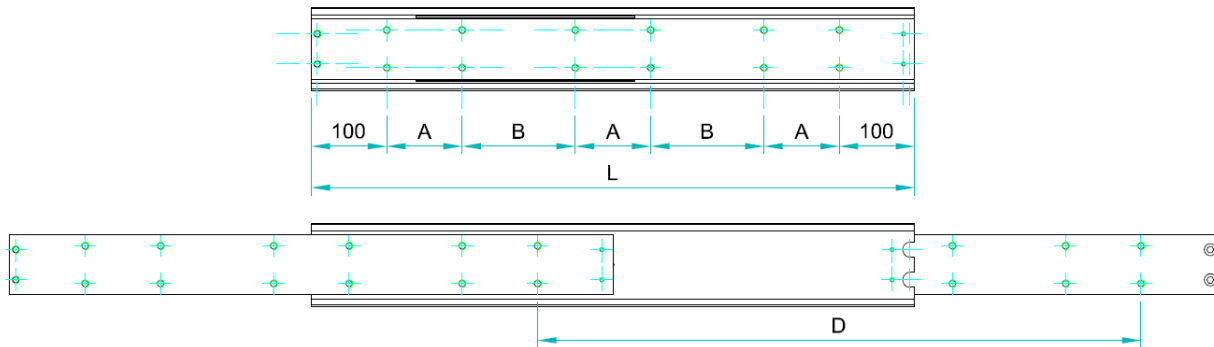
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

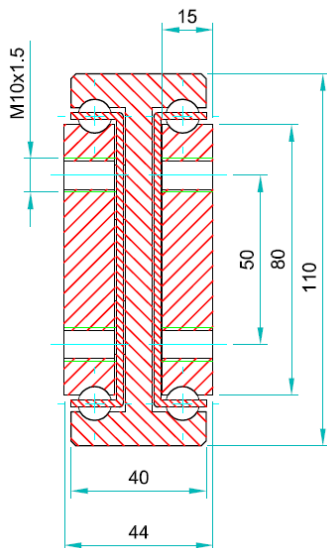
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DTS-11044 weights 31.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS11044.0300	300	300	1430	100	-	-
DTS11044.0350	350	350	1485	50	-	50
DTS11044.0400	400	400	1540	50	-	100
DTS11044.0450	450	450	1600	50	-	150
DTS11044.0500	500	500	1650	50	-	200
DTS11044.0550	550	550	1700	50	-	250
DTS11044.0600	600	600	1740	50	-	300
DTS11044.0650	650	650	1780	50	150	-
DTS11044.0700	700	700	1800	50	175	-
DTS11044.0750	750	750	1780	50	200	-
DTS11044.0800	800	800	1760	100	150	-
DTS11044.0850	850	850	1730	100	175	-
DTS11044.0900	900	900	1690	100	200	-
DTS11044.0950	950	950	1660	100	225	-
DTS11044.1000	1000	1000	1630	100	250	-
DTS11044.1050	1050	1050	1600	100	275	-
DTS11044.1100	1100	1100	1560	100	300	-
DTS11044.1150	1150	1150	1530	100	325	-
DTS11044.1200	1200	1200	1500	100	350	-
DTS11044.1250	1250	1250	1470	100	375	-
DTS11044.1300	1300	1300	1440	100	400	-
DTS11044.1350	1350	1350	1400	100	425	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: DTS-11044 weights 31.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS11044.1400	1400	1400	1360	100	450	-
DTS11044.1450	1450	1450	1320	100	475	-
DTS11044.1500	1500	1500	1280	100	500	-
DTS11044.1550	1550	1550	1240	100	525	-
DTS11044.1600	1600	1600	1200	100	550	-
DTS11044.1650	1650	1650	1160	100	575	-
DTS11044.1700	1700	1700	1100	100	600	-
DTS11044.1750	1750	1750	1060	100	625	-
DTS11044.1800	1800	1800	1000	100	650	-
DTS11044.1850	1850	1850	960	100	675	-
DTS11044.1900	1900	1900	910	100	700	-
DTS11044.1950	1950	1950	860	100	725	-
DTS11044.2000	2000	2000	800	100	750	-
DTS11044.2100	2100	2100	720	100	800	-
DTS11044.2200	2200	2200	680	100	850	-
DTS11044.2300	2300	2300	600	100	900	-
DTS11044.2400	2400	2400	540	100	950	-
DTS11044.2500	2500	2500	480	100	1000	-
DTS11044.2600	2600	2600	400	100	1050	-
DTS11044.2700	2700	2700	340	100	1100	-
DTS11044.2800	2800	2800	280	100	1150	-
DTS11044.2900	2900	2900	220	100	1200	-
DTS11044.3000	3000	3000	160	100	1250	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

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Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

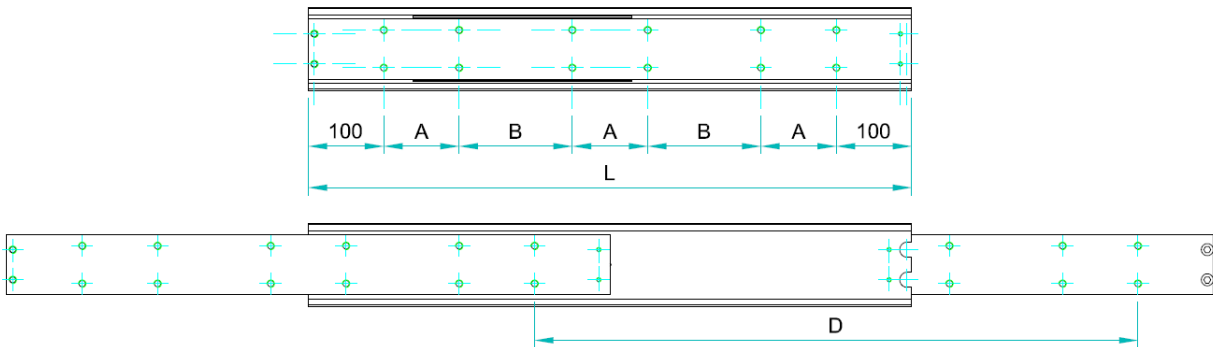
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

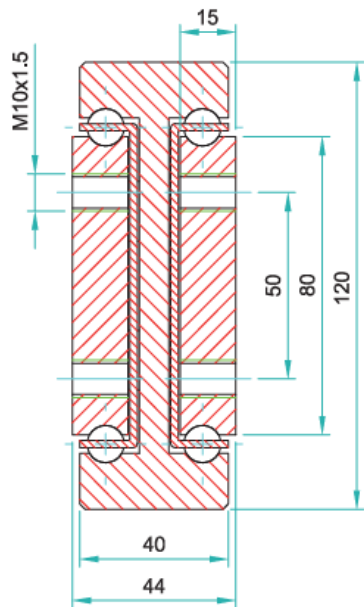
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





- Options:**
- "H" – Hardened raceways
 - "V" - V shape channel raceways
 - "F" - one outer beam countersunk
 - "FF"- both outer beams countersunk
 - "SB"- stainless steel ball bearings
 - "SC"- stainless steel ball cages
 - "SA"- stainless steel stopping pins and bolts



DTS-12044 weights 34.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS12044.0300	300	300	1480	100	-	-
DTS12044.0350	350	350	1560	50	-	50
DTS12044.0400	400	400	1640	50	-	100
DTS12044.0450	450	450	1720	50	-	150
DTS12044.0500	500	500	1760	50	-	200
DTS12044.0550	550	550	1820	50	-	250
DTS12044.0600	600	600	1850	50	-	300
DTS12044.0650	650	650	1870	50	150	-
DTS12044.0700	700	700	1890	50	175	-
DTS12044.0750	750	750	1860	50	200	-
DTS12044.0800	800	800	1840	100	150	-
DTS12044.0850	850	850	1820	100	175	-
DTS12044.0900	900	900	1790	100	200	-
DTS12044.0950	950	950	1760	100	225	-
DTS12044.1000	1000	1000	1730	100	250	-
DTS12044.1050	1050	1050	1700	100	275	-
DTS12044.1100	1100	1100	1660	100	300	-
DTS12044.1150	1150	1150	1630	100	325	-
DTS12044.1200	1200	1200	1600	100	350	-
DTS12044.1250	1250	1250	1570	100	375	-
DTS12044.1300	1300	1300	1540	100	400	-
DTS12044.1350	1350	1350	1500	100	425	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: DTS-12044 weights 34.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS12044.1400	1400	1400	1460	100	450	
DTS12044.1450	1450	1450	1410	100	475	-
DTS12044.1500	1500	1500	1370	100	500	-
DTS12044.1550	1550	1550	1320	100	525	-
DTS12044.1600	1600	1600	1280	100	550	-
DTS12044.1650	1650	1650	1230	100	575	-
DTS12044.1700	1700	1700	1180	100	600	-
DTS12044.1750	1750	1750	1130	100	625	-
DTS12044.1800	1800	1800	1080	100	650	-
DTS12044.1850	1850	1850	1030	100	675	-
DTS12044.1900	1900	1900	980	100	700	-
DTS12044.1950	1950	1950	920	100	725	-
DTS12044.2000	2000	2000	860	100	750	-
DTS12044.2100	2100	2100	800	100	800	-
DTS12044.2200	2200	2200	740	100	850	-
DTS12044.2300	2300	2300	680	100	900	-
DTS12044.2400	2400	2400	620	100	950	-
DTS12044.2500	2500	2500	560	100	1000	-
DTS12044.2600	2600	2600	500	100	1050	-
DTS12044.2700	2700	2700	440	100	1100	-
DTS12044.2800	2800	2800	380	100	1150	-
DTS12044.2900	2900	2900	320	100	1200	-
DTS12044.3000	3000	3000	260	100	1250	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

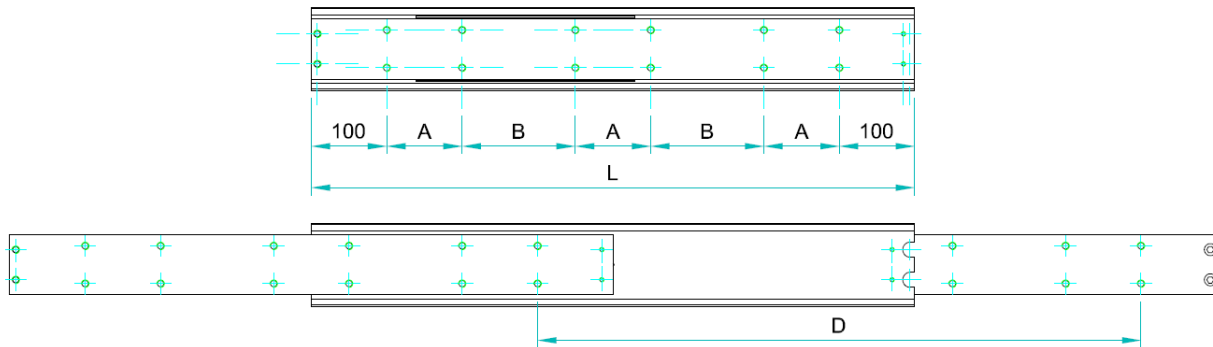
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

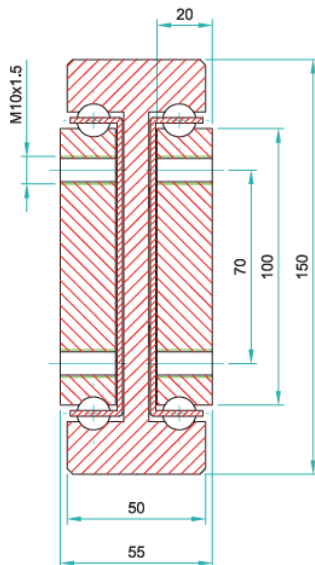
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DTS-15055 weights 53.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS15055.0300	300	300	1720	100	-	-
DTS15055.0350	350	350	1790	50	-	50
DTS15055.0400	400	400	1860	50	-	100
DTS15055.0450	450	450	1930	50	-	150
DTS15055.0500	500	500	2020	50	-	200
DTS15055.0550	550	550	2100	50	-	250
DTS15055.0600	600	600	2180	50	-	300
DTS15055.0650	650	650	2250	50	150	-
DTS15055.0700	700	700	2300	50	175	-
DTS15055.0750	750	750	2340	50	200	-
DTS15055.0800	800	800	2380	100	150	-
DTS15055.0850	850	850	2410	100	175	-
DTS15055.0900	900	900	2370	100	200	-
DTS15055.0950	950	950	2330	100	225	-
DTS15055.1000	1000	1000	2300	100	250	-
DTS15055.1050	1050	1050	2270	100	275	-
DTS15055.1100	1100	1100	2240	100	300	-
DTS15055.1150	1150	1150	2210	100	325	-
DTS15055.1200	1200	1200	2180	100	350	-
DTS15055.1250	1250	1250	2150	100	375	-
DTS15055.1300	1300	1300	2120	100	400	-
DTS15055.1350	1350	1350	1990	100	425	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: DTS-15055 weights 53.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTS15055.1400	1400	1400	1960	100	450	-
DTS15055.1450	1450	1450	1920	100	475	-
DTS15055.1500	1500	1500	1880	100	500	-
DTS15055.1550	1550	1550	1840	100	525	-
DTS15055.1600	1600	1600	1800	100	550	-
DTS15055.1650	1650	1650	1760	100	575	-
DTS15055.1700	1700	1700	1715	100	600	-
DTS15055.1750	1750	1750	1660	100	625	-
DTS15055.1800	1800	1800	1610	100	650	-
DTS15055.1850	1850	1850	1550	100	675	-
DTS15055.1900	1900	1900	1500	100	700	-
DTS15055.1950	1950	1950	1450	100	725	-
DTS15055.2000	2000	2000	1400	100	750	-
DTS15055.2100	2100	2100	1300	100	800	-
DTS15055.2200	2200	2200	1200	100	850	-
DTS15055.2300	2300	2300	1100	100	900	-
DTS15055.2400	2400	2400	1000	100	950	-
DTS15055.2500	2500	2500	900	100	1000	-
DTS15055.2600	2600	2600	780	100	1050	-
DTS15055.2700	2700	2700	680	100	1100	-
DTS15055.2800	2800	2800	580	100	1150	-
DTS15055.2900	2900	2900	480	100	1200	-
DTS15055.3000	3000	3000	380	100	1250	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

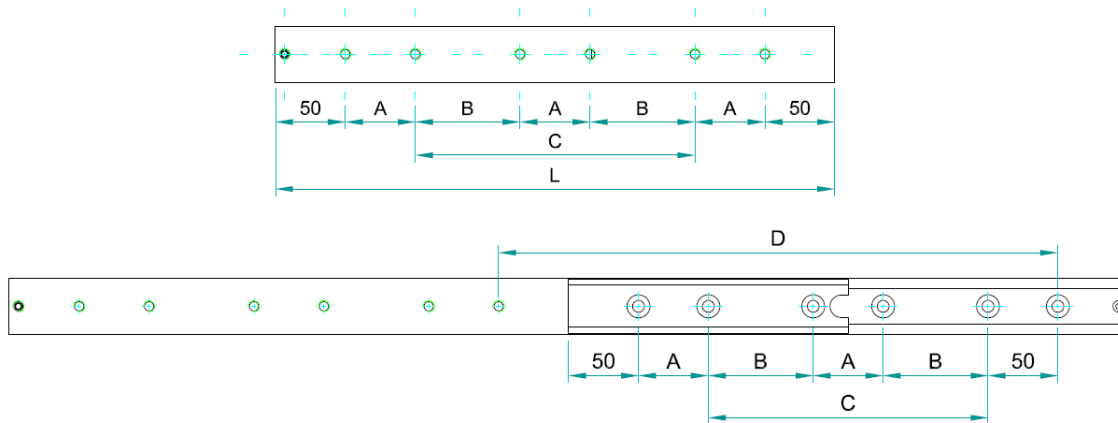
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

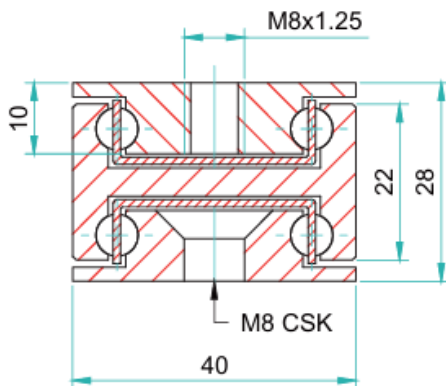
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



KDTs-4028 weights 6.75 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
KDTs4028.0300	300	300	100	50	-	100
KDTs4028.0350	350	350	100	50	-	150
KDTs4028.0400	400	400	100	50	-	200
KDTs4028.0450	450	450	100	50	-	250
KDTs4028.0500	500	500	100	50	-	300
KDTs4028.0550	550	550	100	50	150	-
KDTs4028.0600	600	600	100	50	175	-
KDTs4028.0650	650	650	100	50	200	-
KDTs4028.0700	700	700	100	50	225	-
KDTs4028.0750	750	750	100	50	250	-
KDTs4028.0800	800	800	95	50	275	-
KDTs4028.0850	850	850	90	50	300	-
KDTs4028.0900	900	900	80	50	325	-
KDTs4028.0950	950	950	75	50	350	-
KDTs4028.1000	1000	1000	65	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam. Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

KDTS-4028 weights 6.75 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
KDTS4028.1050	1050	1050	70	50	500	-
KDTS4028.1100	1000	1100	65	50	525	-
KDTS4028.1150	1150	1150	60	50	550	-
KDTS4028.1200	1200	1200	55	50	575	-
KDTS4028.1250	1250	1250	50	50	600	-
KDTS4028.1300	1300	1300	45	50	625	-
KDTS4028.1350	1350	1350	40	50	650	-
KDTS4028.1400	1400	1400	35	50	675	-
KDTS4028.1450	1450	1450	30	50	700	-
KDTS4028.1500	1500	1500	25	50	725	-
KDTS4028.1550	1550	1550	20	50	750	-
KDTS4028.1600	1600	1600	15	50	775	-
KDTS4028.1050	1050	1050	70	50	500	-
KDTS4028.1100	1000	1100	65	50	525	-
KDTS4028.1150	1150	1150	60	50	550	-
KDTS4028.1200	1200	1200	55	50	575	-

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

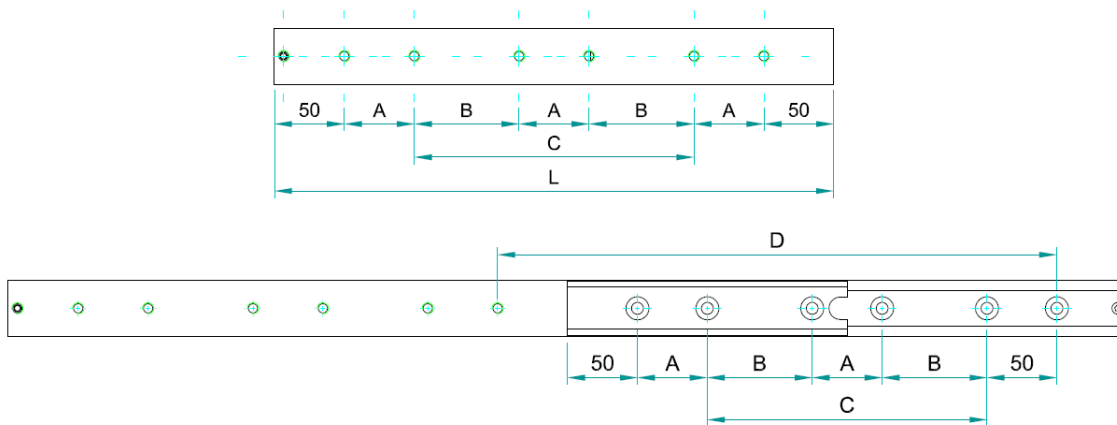
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

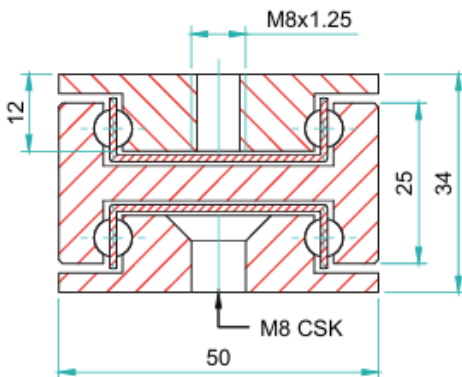
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



KDT5-5034 weights 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
KDTS5034.0300	300	300	180	50	-	100
KDTS5034.0350	350	350	180	50	-	150
KDTS5034.0400	400	400	180	50	-	200
KDTS5034.0450	450	450	180	50	-	250
KDTS5034.0500	500	500	175	50	-	300
KDTS5034.0550	550	550	175	50	150	-
KDTS5034.0600	600	600	170	50	175	-
KDTS5034.0650	650	650	170	50	200	-
KDTS5034.0700	700	700	165	50	225	-
KDTS5034.0750	750	750	165	50	250	-
KDTS5034.0800	800	800	160	50	275	-
KDTS5034.0850	850	850	150	50	300	-
KDTS5034.0900	900	900	140	50	325	-
KDTS5034.0950	950	950	130	50	350	-
KDTS5034.1000	1000	1000	120	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam. Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

KDTS-5034 weights 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	“A”	“B”	“C”
KDTS5034.1050	1050	1050	115	50	500	-
KDTS5034.1100	1000	1100	110	50	525	-
KDTS5034.1150	1150	1150	105	50	550	-
KDTS5034.1200	1200	1200	100	50	575	-
KDTS5034.1250	1250	1250	95	50	600	-
KDTS5034.1300	1300	1300	90	50	625	-
KDTS5034.1350	1350	1350	85	50	650	-
KDTS5034.1400	1400	1400	80	50	675	-
KDTS5034.1450	1450	1450	75	50	700	-
KDTS5034.1500	1500	1500	70	50	725	-
KDTS5034.1550	1550	1550	65	50	750	-
KDTS5034.1600	1600	1600	60	50	775	-
KDTS5034.1050	1050	1050	115	50	500	-
KDTS5034.1100	1000	1100	110	50	525	-
KDTS5034.1150	1150	1150	105	50	550	-
KDTS5034.1200	1200	1200	100	50	575	-

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

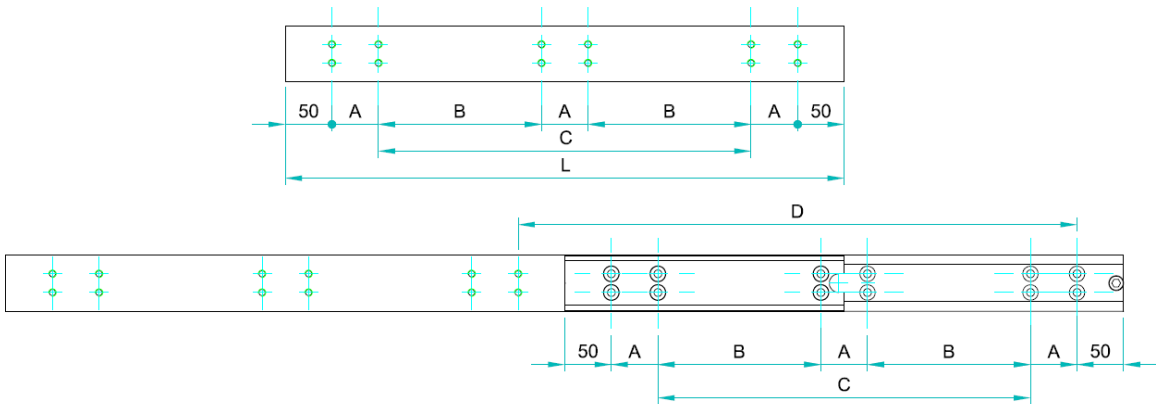
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

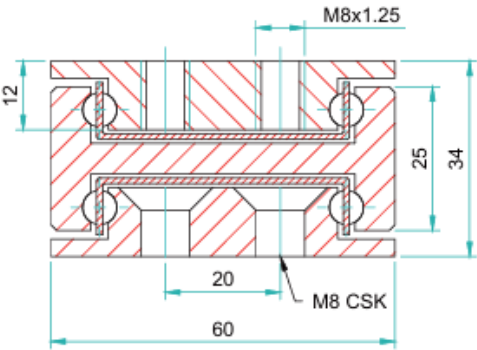
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DTS-6034 weights 13.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
KDTS6034.0300	300	300	210	50	-	100
KDTS6034.0350	350	350	220	50	-	150
KDTS6034.0400	400	400	230	50	-	200
KDTS6034.0450	450	450	240	50	-	250
KDTS6034.0500	500	500	250	50	-	300
KDTS6034.0550	550	550	260	50	-	350
KDTS6034.0600	600	600	245	50	-	400
KDTS6034.0650	650	650	235	50	200	-
KDTS6034.0700	700	700	220	50	225	-
KDTS6034.0750	750	750	200	50	250	-
KDTS6034.0800	800	800	180	50	275	-
KDTS6034.0850	850	850	170	50	300	-
KDTS6034.0900	900	900	160	50	325	-
KDTS6034.0950	950	950	155	50	350	-
KDTS6034.1000	1000	1000	150	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam. Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

KDTS-6034 weights 13.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
KDTS6034.1050	1050	1050	145	50	400	-
KDTS6034.1100	1000	1100	140	50	425	-
KDTS6034.1150	1150	1150	135	50	450	-
KDTS6034.1200	1200	1200	130	50	475	-
KDTS6034.1250	1250	1250	125	50	500	-
KDTS6034.1300	1300	1300	120	50	525	-
KDTS6034.1350	1350	1350	115	50	550	-
KDTS6034.1400	1400	1400	110	50	575	-
KDTS6034.1450	1450	1450	105	50	600	-
KDTS6034.1500	1500	1500	100	50	625	-
KDTS6034.1550	1550	1550	95	50	650	-
KDTS6034.1600	1600	1600	90	50	675	-

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

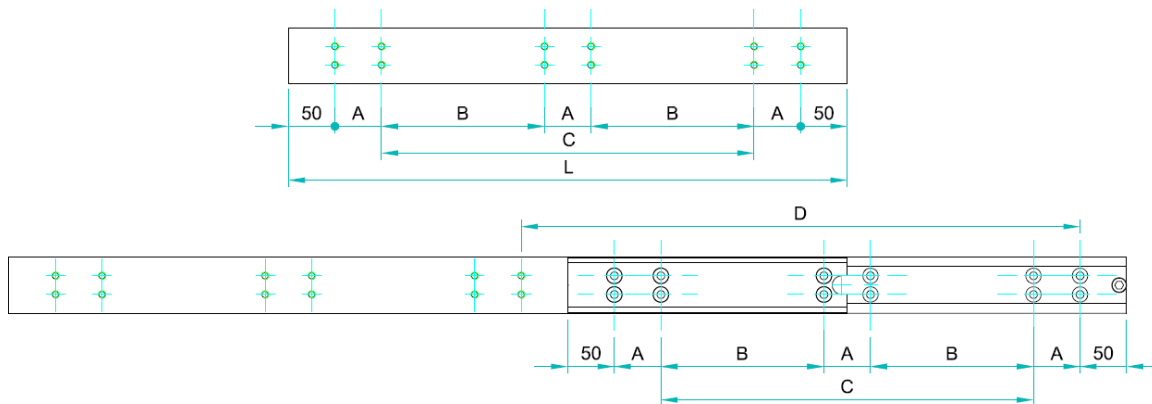
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

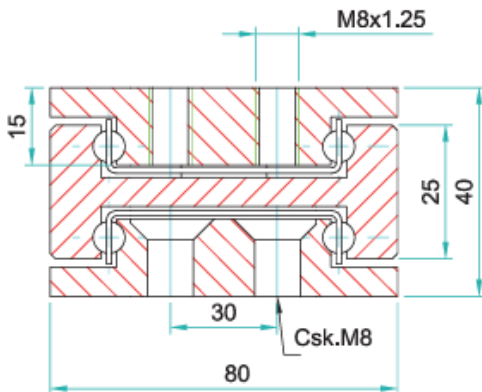
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DTS-8040 weights 21.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
KDTS8040.0300	300	300	245	50	-	100
KDTS8040.0350	350	350	250	50	-	150
KDTS8040.0400	400	400	260	50	-	200
KDTS8040.0450	450	450	270	50	-	250
KDTS8040.0500	500	500	280	50	-	300
KDTS8040.0550	550	550	290	50	-	350
KDTS8040.0600	600	600	300	50	-	400
KDTS8040.0650	650	650	290	50	200	-
KDTS8040.0700	700	700	280	50	225	-
KDTS8040.0750	750	750	270	50	250	-
KDTS8040.0800	800	800	260	50	275	-
KDTS8040.0850	850	850	250	50	300	-
KDTS8040.0900	900	900	240	50	325	-
KDTS8040.0950	950	950	220	50	350	-
KDTS8040.1000	1000	1000	200	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam. Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

KDTS-8040 weights 21.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
KDTS8040.1050	1050	1050	180	50	400	-
KDTS8040.1100	1000	1100	170	50	425	-
KDTS8040.1150	1150	1150	165	50	450	-
KDTS8040.1200	1200	1200	160	50	475	-
KDTS8040.1250	1250	1250	155	50	500	-
KDTS8040.1300	1300	1300	150	50	525	-
KDTS8040.1350	1350	1350	145	50	550	-
KDTS8040.1400	1400	1400	140	50	575	-
KDTS8040.1450	1450	1450	135	50	600	-
KDTS8040.1500	1500	1500	130	50	625	-
KDTS8040.1550	1550	1550	125	50	650	-
KDTS8040.1600	1600	1600	120	50	675	-

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

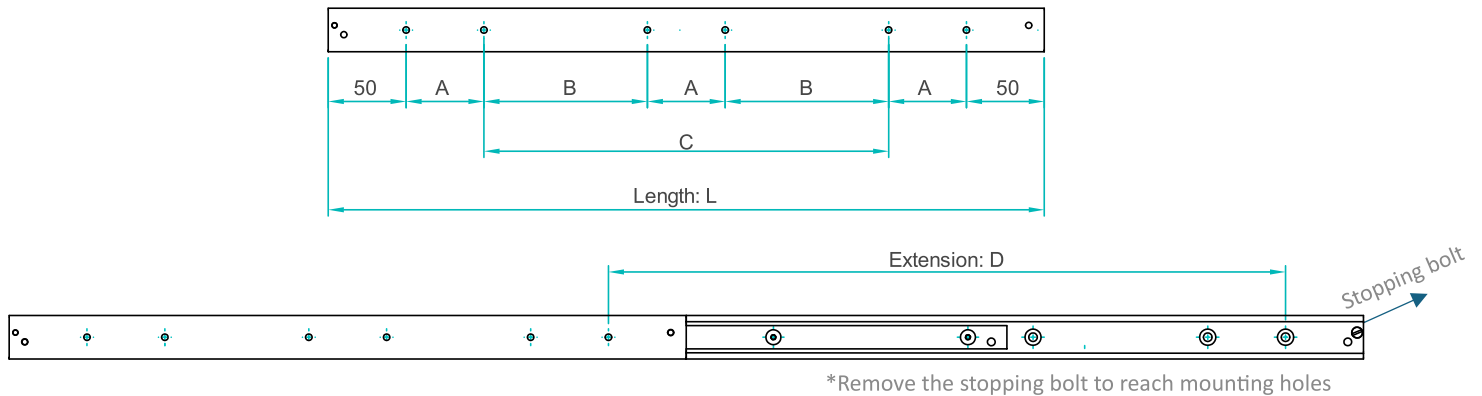
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

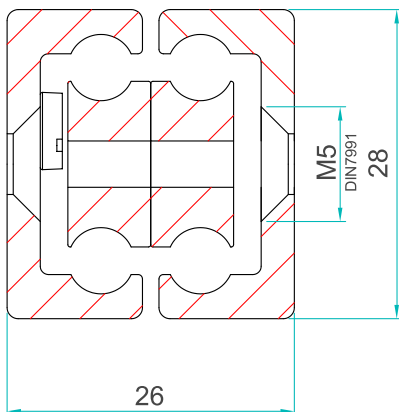
Thread pitches: As per end profile image - coarse





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS2826-A weighs 4.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS2826-A.0200	200	200	85	50	-	-
MDOWS2826-A.0250	250	250	105	50	-	50
MDOWS2826-A.0300	300	300	135	50	-	100
MDOWS2826-A.0350	350	350	115	50	-	150
MDOWS2826-A.0400	400	400	95	50	-	200
MDOWS2826-A.0450	450	450	80	50	-	250
MDOWS2826-A.0500	500	500	75	50	-	300
MDOWS2826-A.0550	550	550	68	50	150	-
MDOWS2826-A.0600	600	600	65	50	175	-
MDOWS2826-A.0650	650	650	63	50	200	-
MDOWS2826-A.0700	700	700	60	50	225	-
MDOWS2826-A.0750	750	750	55	50	250	-
MDOWS2826-A.0800	800	800	50	50	275	-
MDOWS2826-A.0850	850	850	45	50	300	-
MDOWS2826-A.0900	900	900	43	50	325	-
MDOWS2826-A.0950	950	950	40	50	350	-
MDOWS2826-A.1000	1000	1000	38	50	375	-
MDOWS2826-A.1050	1050	1050	36	50	400	-
MDOWS2826-A.1100	1100	1100	35	50	425	-
MDOWS2826-A.1150	1150	1150	34	50	450	-
MDOWS2826-A.1200	1200	1200	33	50	475	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

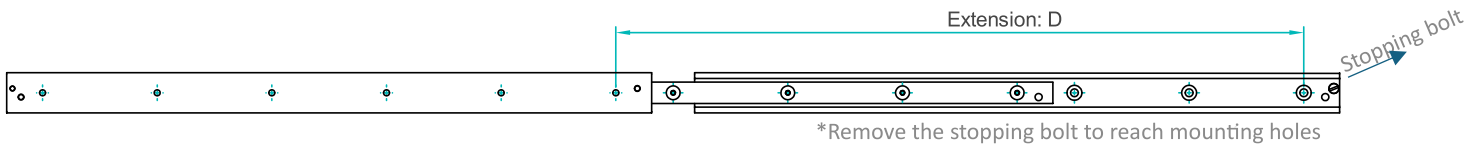
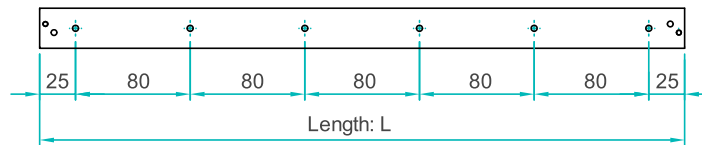


Important Safety Notice

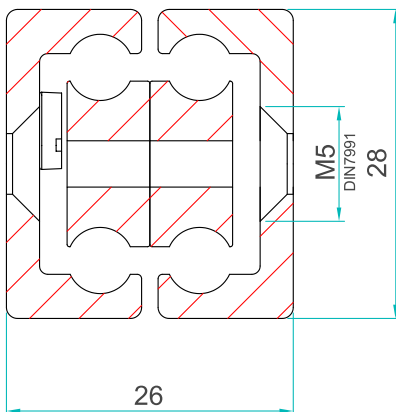
Do not disassemble the slide!

The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.



**Available Options:**

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS2826 - B weighs 4.3 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
MDOWS2826-B.0130	130	147	55	2
MDOWS2826-B.0210	210	231	90	3
MDOWS2826-B.0290	290	295	130	4
MDOWS2826-B.0370	370	291	100	5
MDOWS2826-B.0450	450	465	80	6
MDOWS2826-B.0530	530	549	70	7
MDOWS2826-B.0610	610	632	60	8
MDOWS2826-B.0690	690	718	55	9
MDOWS2826-B.0770	770	800	50	10
MDOWS2826-B.0850	850	865	45	11
MDOWS2826-B.0930	930	952	40	12
MDOWS2826-B.1010	1010	1035	38	13
MDOWS2826-B.1090	1090	1120	35	14
MDOWS2826-B.1170	1170	1200	33	15

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

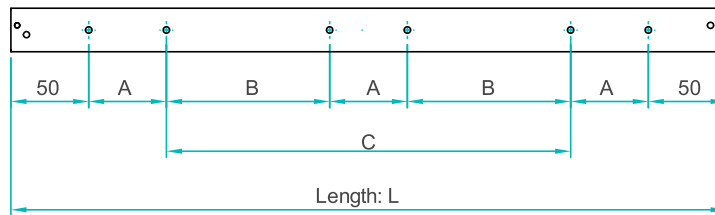


Important Safety Notice

Do not disassemble the slide!

The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.

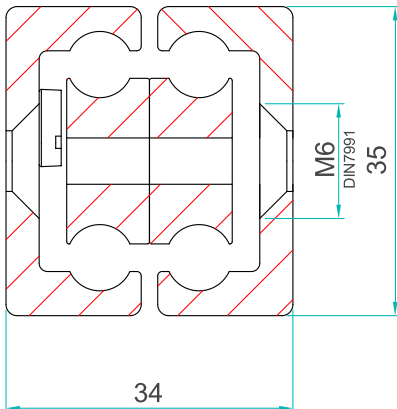




*Remove the stopping bolt to reach mounting holes

Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS3534-A weighs 6.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS3534-A.0200	200	200	80	50	-	-
MDOWS3534-A.0250	250	250	120	50	-	50
MDOWS3534-A.0300	300	300	135	50	-	100
MDOWS3534-A.0350	350	350	110	50	-	150
MDOWS3534-A.0400	400	400	100	50	-	200
MDOWS3534-A.0450	450	450	90	50	-	250
MDOWS3534-A.0500	500	500	88	50	-	300
MDOWS3534-A.0550	550	550	84	50	150	-
MDOWS3534-A.0600	600	600	82	50	175	-
MDOWS3534-A.0650	650	650	78	50	200	-
MDOWS3534-A.0700	700	700	75	50	225	-
MDOWS3534-A.0750	750	750	73	50	250	-
MDOWS3534-A.0800	800	800	78	50	275	-
MDOWS3534-A.0850	850	850	65	50	300	-
MDOWS3534-A.0900	900	900	63	50	325	-
MDOWS3534-A.0950	950	950	60	50	350	-
MDOWS3534-A.1000	1000	1000	56	50	375	-
MDOWS3534-A.1050	1050	1050	50	50	400	-
MDOWS3534-A.1100	1100	1100	48	50	425	-
MDOWS3534-A.1150	1150	1150	46	50	450	-
MDOWS3534-A.1200	1200	1200	43	50	475	-

MDOWS3534-A weighs 6.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS3534-A.01250	1250	1250	40	50	500	-
MDOWS3534-A.01300	1300	1300	38	50	525	-
MDOWS3534-A.01350	1350	1350	34	50	550	-
MDOWS3534-A.01400	1400	1400	33	50	575	-
MDOWS3534-A.01450	1450	1450	32	50	600	-
MDOWS3534-A.01500	1500	1500	28	50	625	-
MDOWS3534-A.01550	1550	1550	25	50	650	-
MDOWS3534-A.01600	1600	1600	22	50	675	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

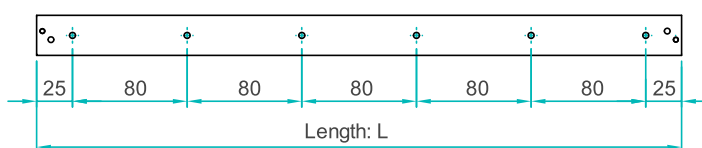


Important Safety Notice

Do not disassemble the slide!

The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.

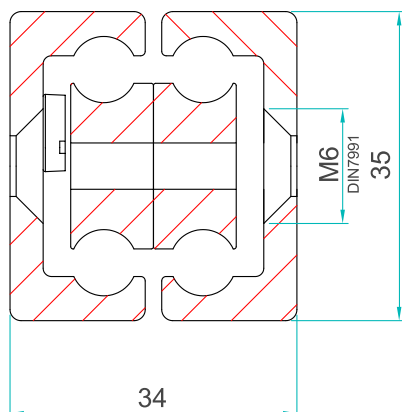




*Remove the stopping bolt to reach mounting holes

Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS3534-B weighs 6.8 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
MDOWS3534-B.0210	210	255	85	3
MDOWS3534-B.0290	290	320	130	4
MDOWS3534-B.0370	370	405	110	5
MDOWS3534-B.0450	450	495	90	6
MDOWS3534-B.0530	530	558	85	7
MDOWS3534-B.0610	610	645	80	8
MDOWS3534-B.0690	690	735	75	9
MDOWS3534-B.0770	770	798	70	10
MDOWS3534-B.0850	850	888	65	11
MDOWS3534-B.0930	930	975	60	12
MDOWS3534-B.1010	1010	1040	55	13
MDOWS3534-B.1090	1090	1125	50	14
MDOWS3534-B.1170	1170	1215	45	15
MDOWS3534-B.1250	1250	1276	40	16
MDOWS3534-B.1330	1330	1365	35	17
MDOWS3534-B.1410	1410	1455	33	18
MDOWS3534-B.1490	1490	1516	30	19

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

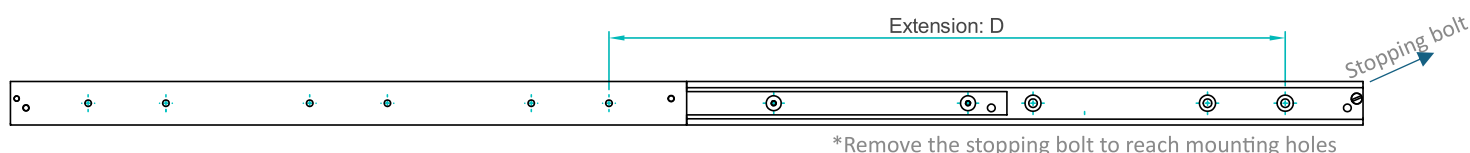
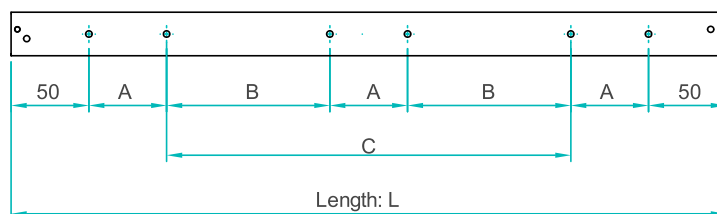


Important Safety Notice

Do not disassemble the slide!

The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.

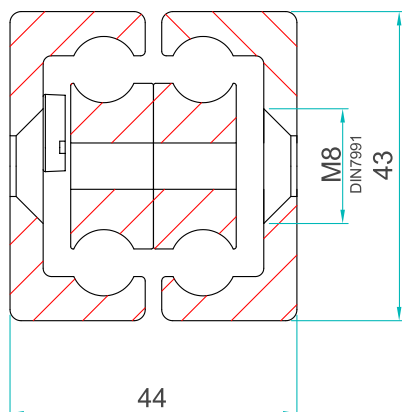




*Remove the stopping bolt to reach mounting holes

Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS4344-A weighs 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS4344-A.0200	200	200	150	50	-	-
MDOWS4344-A.0250	250	250	210	50	-	50
MDOWS4344-A.0300	300	300	240	50	-	100
MDOWS4344-A.0350	350	350	263	50	-	150
MDOWS4344-A.0400	400	400	268	50	-	200
MDOWS4344-A.0450	450	450	270	50	-	250
MDOWS4344-A.0500	500	500	260	50	-	300
MDOWS4344-A.0550	550	550	245	50	150	-
MDOWS4344-A.0600	600	600	235	50	175	-
MDOWS4344-A.0650	650	650	220	50	200	-
MDOWS4344-A.0700	700	700	208	50	225	-
MDOWS4344-A.0750	750	750	206	50	250	-
MDOWS4344-A.0800	800	800	195	50	275	-
MDOWS4344-A.0850	850	850	180	50	300	-
MDOWS4344-A.0900	900	900	175	50	325	-
MDOWS4344-A.0950	950	950	160	50	350	-
MDOWS4344-A.1000	1000	1000	150	50	375	-
MDOWS4344-A.1050	1050	1050	138	50	400	-
MDOWS4344-A.1100	1100	1100	135	50	425	-
MDOWS4344-A.1150	1150	1150	130	50	450	-
MDOWS4344-A.1200	1200	1200	120	50	475	-

**Important Safety Notice****Do not disassemble the slide!**

The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.

MDOWS4344-A weighs 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS4344-A.1250	1250	1250	115	50	500	-
MDOWS4344-A.1300	1300	1300	113	50	525	-
MDOWS4344-A.1350	1350	1350	108	50	550	-
MDOWS4344-A.1400	1400	1400	105	50	575	-
MDOWS4344-A.1450	1450	1450	103	50	600	-
MDOWS4344-A.1500	1500	1500	100	50	625	-
MDOWS4344-A.1550	1550	1550	98	50	650	-
MDOWS4344-A.1600	1600	1600	95	50	675	-
MDOWS4344-A.1650	1650	1650	90	50	700	-
MDOWS4344-A.1700	1700	1700	88	100	650	-
MDOWS4344-A.1750	1750	1750	85	100	675	-
MDOWS4344-A.1800	1800	1800	83	100	700	-
MDOWS4344-A.1850	1850	1850	80	100	725	-
MDOWS4344-A.1900	1900	1900	78	100	750	-
MDOWS4344-A.1950	1950	1950	72	100	775	-
MDOWS4344-A.2000	2000	2000	60	100	800	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768—c
Extension	DIN 2768—c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

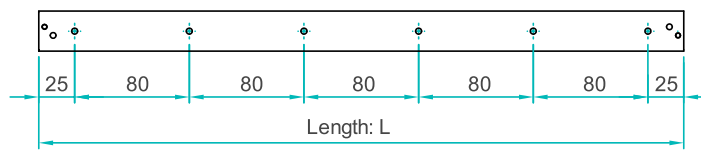
Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

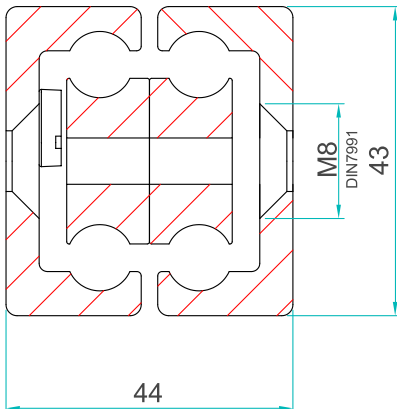




*Remove the stopping bolt to reach mounting holes

Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDOWS4344 - B weighs 10.8 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
MDOWS4344-B.0210	210	248	130	3
MDOWS4344-B.0290	290	318	230	4
MDOWS4344-B.0370	370	418	265	5
MDOWS4344-B.0450	450	488	270	6
MDOWS4344-B.0530	530	558	250	7
MDOWS4344-B.0610	610	628	230	8
MDOWS4344-B.0690	690	728	210	9
MDOWS4344-B.0770	770	798	200	10
MDOWS4344-B.0850	850	868	180	11
MDOWS4344-B.0930	930	968	165	12
MDOWS4344-B.1010	1010	1038	145	13
MDOWS4344-B.1090	1090	1108	135	14
MDOWS4344-B.1170	1170	1208	130	15
MDOWS4344-B.1250	1250	1278	115	16
MDOWS4344-B.1330	1330	1378	110	17
MDOWS4344-B.1410	1410	1448	105	18
MDOWS4344-B.1490	1490	1518	100	19
MDOWS4344-B.1570	1570	1588	95	20
MDOWS4344-B.1650	1650	1688	90	21
MDOWS4344-B.1730	1730	1758	85	22
MDOWS4344-B.1810	1810	1858	80	23
MDOWS4344-B.1890	1890	1928	75	24
MDOWS4344-B.1970	1970	2028	70	25

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

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Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from –20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

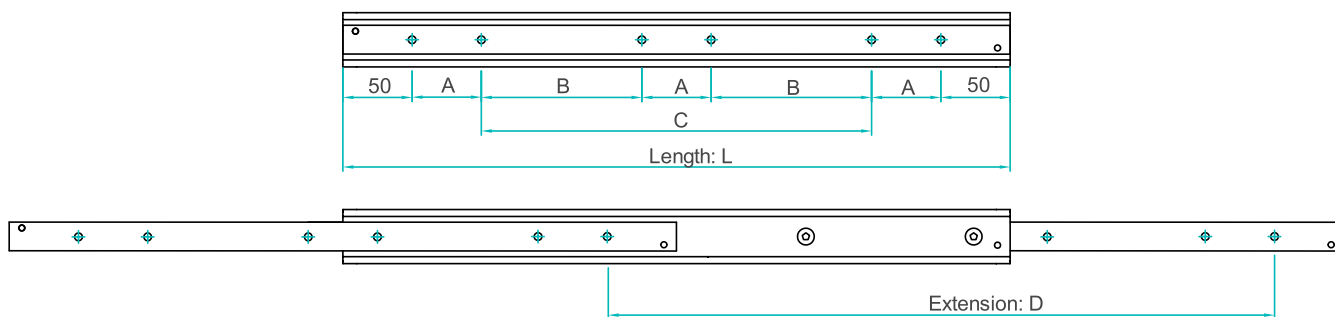


Important Safety Notice

Do not disassemble the slide!

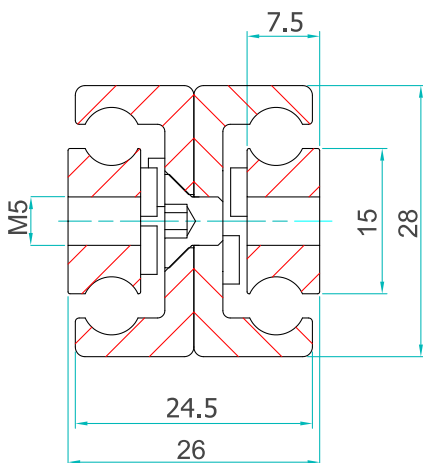
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Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDOWS2826-A weighs 4.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWS2826-A.0200	200	200	50	50	-	-
NDOWS2826-A.0250	250	250	60	50	-	50
NDOWS2826-A.0300	300	300	70	50	-	100
NDOWS2826-A.0350	350	350	80	50	-	150
NDOWS2826-A.0400	400	400	90	50	-	200
NDOWS2826-A.0450	450	450	120	50	-	250
NDOWS2826-A.0500	500	500	150	50	-	300
NDOWS2826-A.0550	550	550	175	50	150	-
NDOWS2826-A.0600	600	600	170	50	175	-
NDOWS2826-A.0650	650	650	165	50	200	-
NDOWS2826-A.0700	700	700	140	50	225	-
NDOWS2826-A.0750	750	750	135	50	250	-
NDOWS2826-A.0800	800	800	120	50	275	-
NDOWS2826-A.0850	850	850	110	50	300	-
NDOWS2826-A.0900	900	900	100	50	325	-
NDOWS2826-A.0950	950	950	95	50	350	-
NDOWS2826-A.1000	1000	1000	90	50	375	-
NDOWS2826-A.1050	1050	1050	80	50	400	-
NDOWS2826-A.1100	1100	1100	70	50	425	-
NDOWS2826-A.1150	1150	1150	60	50	450	-
NDOWS2826-A.1200	1200	1200	50	50	475	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

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Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

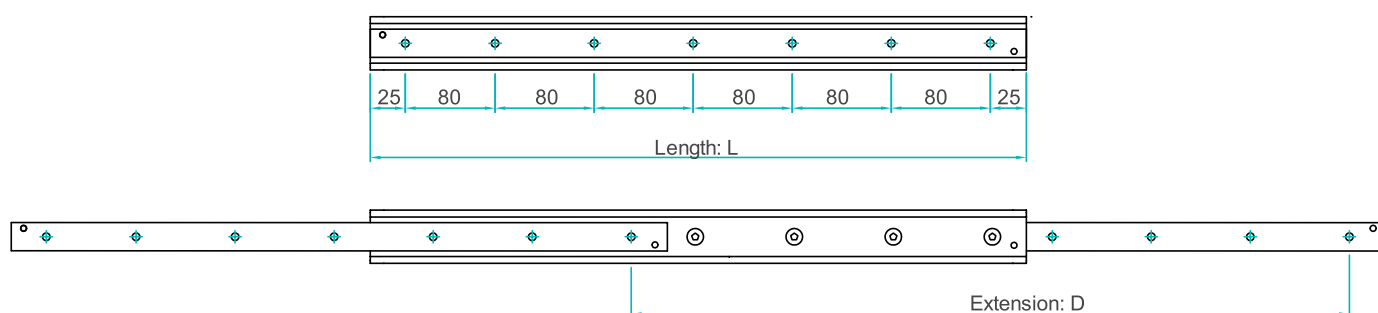


Important Safety Notice

Do not disassemble the slide!

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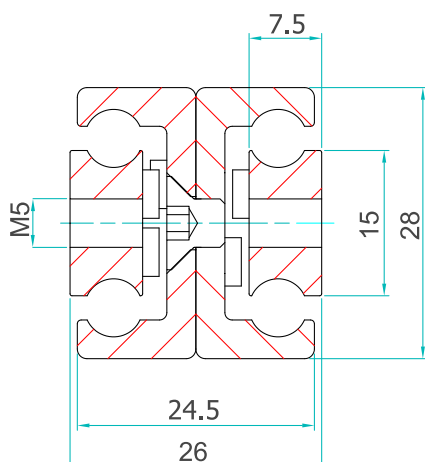




Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L

NDOWS2826 - B weighs 4.3 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
NDOWS2826-B.0130	130	148	40	2
NDOWS2826-B.0210	210	232	55	3
NDOWS2826-B.0290	290	296	65	4
NDOWS2826-B.0370	370	382	80	5
NDOWS2826-B.0450	450	464	120	6
NDOWS2826-B.0530	530	548	170	7
NDOWS2826-B.0610	610	633	160	8
NDOWS2826-B.0690	690	717	150	9
NDOWS2826-B.0770	770	801	130	10
NDOWS2826-B.0850	850	866	110	11
NDOWS2826-B.0930	930	950	100	12
NDOWS2826-B.1010	1010	1034	85	13
NDOWS2826-B.1090	1090	1118	75	14
NDOWS2826-B.1170	1170	1202	60	15



Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

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Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

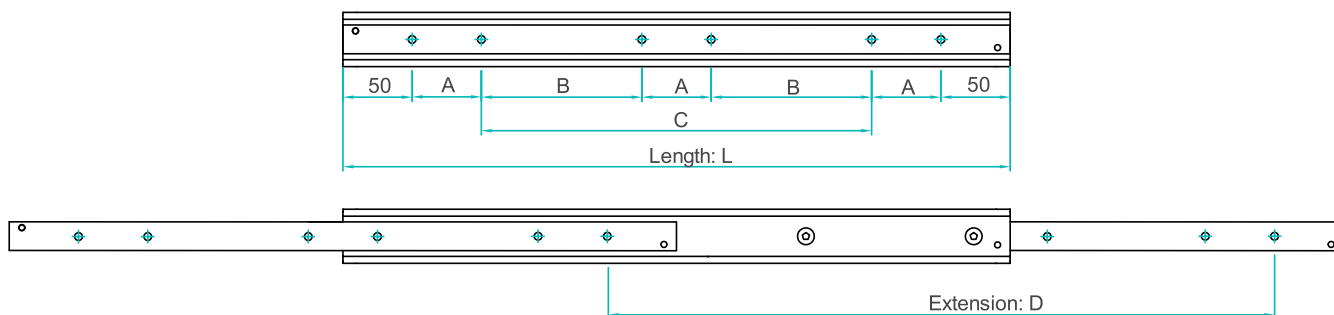


Important Safety Notice

Do not disassemble the slide!

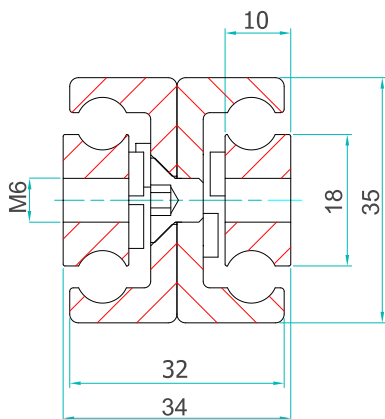
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Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDOWS3534-A weighs 6.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWS3534-A.0200	200	200	90	50	-	-
NDOWS3534-A.0250	250	250	150	50	-	50
NDOWS3534-A.0300	300	300	180	50	-	100
NDOWS3534-A.0350	350	350	200	50	-	150
NDOWS3534-A.0400	400	400	230	50	-	200
NDOWS3534-A.0450	450	450	250	50	-	250
NDOWS3534-A.0500	500	500	320	50	-	300
NDOWS3534-A.0550	550	550	360	50	150	-
NDOWS3534-A.0600	600	600	380	50	175	-
NDOWS3534-A.0650	650	650	350	50	200	-
NDOWS3534-A.0700	700	700	330	50	225	-
NDOWS3534-A.0750	750	750	310	50	250	-
NDOWS3534-A.0800	800	800	290	50	275	-
NDOWS3534-A.0850	850	850	270	50	300	-
NDOWS3534-A.0900	900	900	250	50	325	-
NDOWS3534-A.0950	950	950	230	50	350	-
NDOWS3534-A.1000	1000	1000	210	50	375	-
NDOWS3534-A.1050	1050	1050	190	50	400	-
NDOWS3534-A.1100	1100	1100	170	50	425	-
NDOWS3534-A.1150	1150	1150	165	50	450	-
NDOWS3534-A.1200	1200	1200	160	50	475	-

NDOWS3534-A weighs 6.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWS3534-A.01250	1250	1250	155	50	500	-
NDOWS3534-A.01300	1300	1300	140	50	525	-
NDOWS3534-A.01350	1350	1350	130	50	550	-
NDOWS3534-A.01400	1400	1400	120	50	575	-
NDOWS3534-A.01450	1450	1450	110	50	600	-
NDOWS3534-A.01500	1500	1500	90	50	625	-
NDOWS3534-A.01550	1550	1550	80	50	650	-
NDOWS3534-A.01600	1600	1600	70	50	675	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

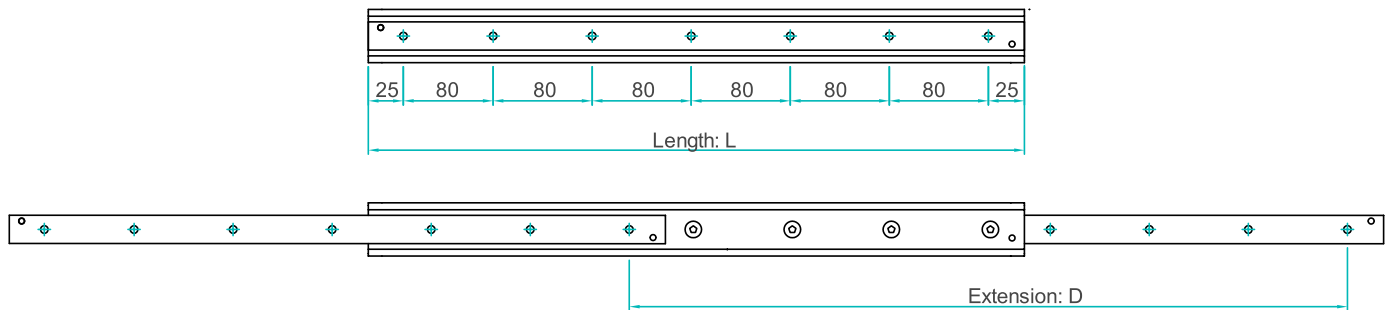


Important Safety Notice

Do not disassemble the slide!

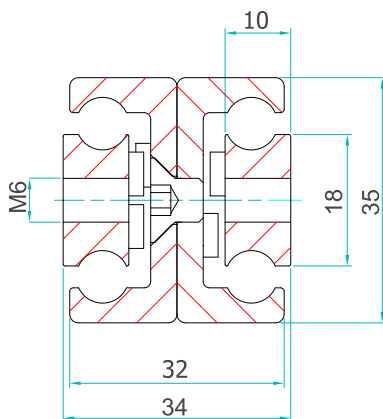
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Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDOWS3534-B weighs 6.8 kg/m

Article number	Installation length: L	Extension length: D	Load per pair: kg	No. of holes
NDOWS3534-B.0210	210	256	90	3
NDOWS3534-B.0290	290	316	175	4
NDOWS3534-B.0370	370	404	210	5
NDOWS3534-B.0450	450	496	250	6
NDOWS3534-B.0530	530	556	360	7
NDOWS3534-B.0610	610	648	380	8
NDOWS3534-B.0690	690	736	345	9
NDOWS3534-B.0770	770	796	310	10
NDOWS3534-B.0850	850	888	270	11
NDOWS3534-B.0930	930	976	235	12
NDOWS3534-B.1010	1010	1036	205	13
NDOWS3534-B.1090	1090	1124	170	14
NDOWS3534-B.1170	1170	1216	160	15
NDOWS3534-B.1250	1250	1276	155	16
NDOWS3534-B.1330	1330	1364	130	17
NDOWS3534-B.1410	1410	1456	110	18
NDOWS3534-B.1490	1490	1516	90	19

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

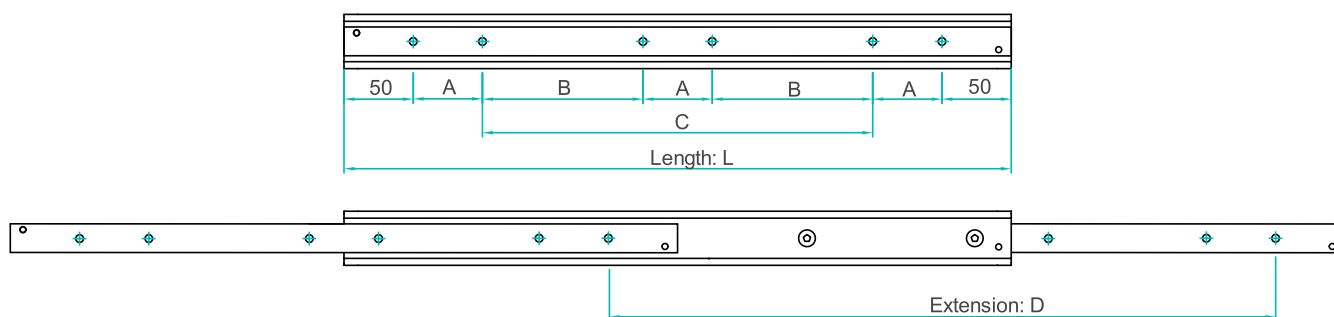


Important Safety Notice

Do not disassemble the slide!

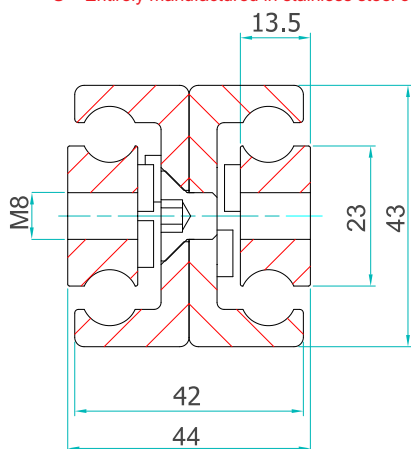
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Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDOWS4344-A weighs 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWS4344-A.0200	200	200	105	50	-	-
NDOWS4344-A.0250	250	250	180	50	-	50
NDOWS4344-A.0300	300	300	215	50	-	100
NDOWS4344-A.0350	350	350	245	50	-	150
NDOWS4344-A.0400	400	400	320	50	-	200
NDOWS4344-A.0450	450	450	355	50	-	250
NDOWS4344-A.0500	500	500	430	50	-	300
NDOWS4344-A.0550	550	550	480	50	150	-
NDOWS4344-A.0600	600	600	570	50	175	-
NDOWS4344-A.0650	650	650	590	50	200	-
NDOWS4344-A.0700	700	700	620	50	225	-
NDOWS4344-A.0750	750	750	610	50	250	-
NDOWS4344-A.0800	800	800	590	50	275	-
NDOWS4344-A.0850	850	850	565	50	300	-
NDOWS4344-A.0900	900	900	530	50	325	-
NDOWS4344-A.0950	950	950	500	50	350	-
NDOWS4344-A.1000	1000	1000	460	50	375	-
NDOWS4344-A.1050	1050	1050	430	50	400	-
NDOWS4344-A.1100	1100	1100	410	50	425	-
NDOWS4344-A.1150	1150	1150	395	50	450	-
NDOWS4344-A.1200	1200	1200	385	50	475	-

**Important Safety Notice****Do not disassemble the slide!**

The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.

NDOWS4344-A weighs 4.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWS4344-A.1250	1250	1250	380	50	500	-
NDOWS4344-A.1300	1300	1300	370	50	525	-
NDOWS4344-A.1350	1350	1350	360	50	550	-
NDOWS4344-A.1400	1400	1400	340	50	575	-
NDOWS4344-A.1450	1450	1450	330	50	600	-
NDOWS4344-A.1500	1500	1500	300	50	625	-
NDOWS4344-A.1550	1550	1550	270	50	650	-
NDOWS4344-A.1600	1600	1600	250	50	675	-
NDOWS4344-A.1650	1650	1650	230	50	700	-
NDOWS4344-A.1700	1700	1700	220	100	650	-
NDOWS4344-A.1750	1750	1750	200	100	675	-
NDOWS4344-A.1800	1800	1800	195	100	700	-
NDOWS4344-A.1850	1850	1850	180	100	725	-
NDOWS4344-A.1900	1900	1900	170	100	750	-
NDOWS4344-A.1950	1950	1950	160	100	775	-
NDOWS4344-A.2000	2000	2000	155	100	800	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768—c
Extension	DIN 2768—c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

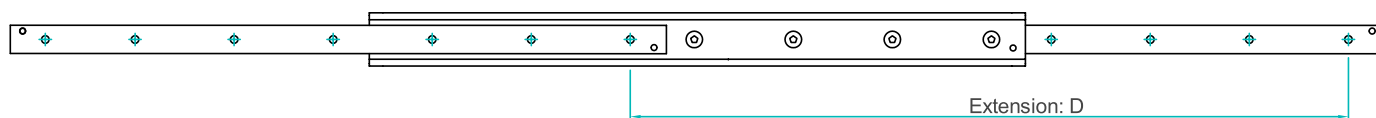
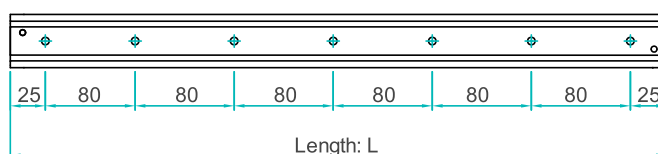
Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

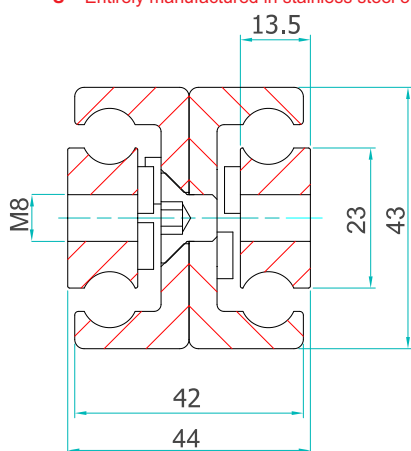
Thread Pitches: Coarse, as specified in the end profile image.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDOWS4344-B weighs 10.8 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
NDOWS4344-B.0210	210	244	110	3
NDOWS4344-B.0290	290	314	210	4
NDOWS4344-B.0370	370	414	250	5
NDOWS4344-B.0450	450	484	355	6
NDOWS4344-B.0530	530	554	470	7
NDOWS4344-B.0610	610	624	580	8
NDOWS4344-B.0690	690	724	610	9
NDOWS4344-B.0770	770	794	600	10
NDOWS4344-B.0850	850	864	575	11
NDOWS4344-B.0930	930	964	500	12
NDOWS4344-B.1010	1010	1034	450	13
NDOWS4344-B.1090	1090	1104	410	14
NDOWS4344-B.1170	1170	1204	395	15
NDOWS4344-B.1250	1250	1274	380	16
NDOWS4344-B.1330	1330	1374	365	17
NDOWS4344-B.1410	1410	1444	340	18
NDOWS4344-B.1490	1490	1514	300	19
NDOWS4344-B.1570	1570	1584	265	20
NDOWS4344-B.1650	1650	1684	230	21
NDOWS4344-B.1730	1730	1754	210	22
NDOWS4344-B.1810	1810	1854	195	23
NDOWS4344-B.1890	1890	1924	180	24
NDOWS4344-B.1970	1970	2024	160	25

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

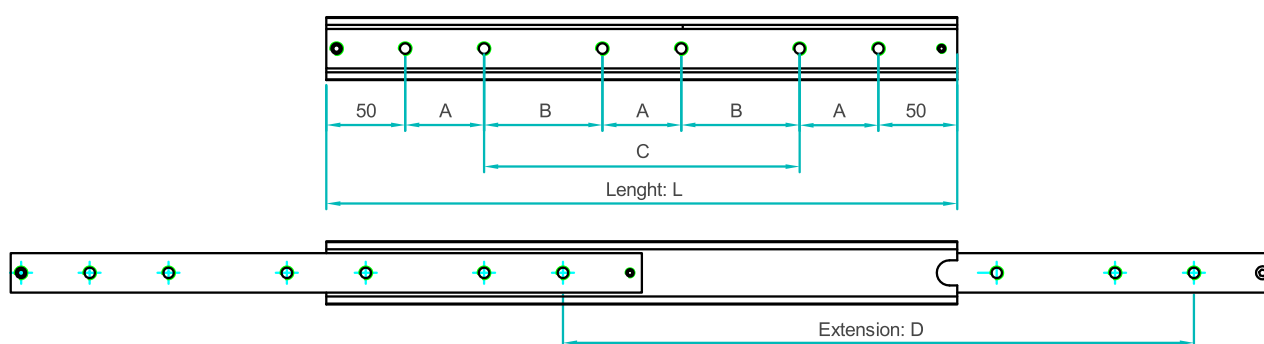


Important Safety Notice

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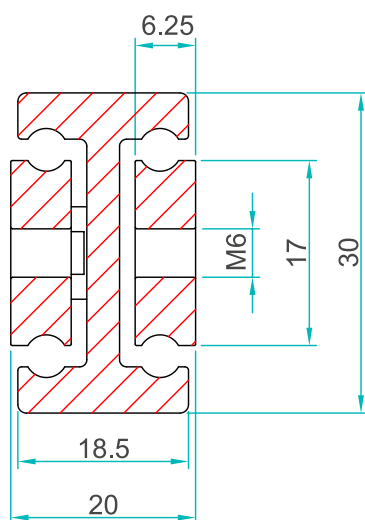
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Available Options:

- * **H** – Hardened raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDTS3020-A weighs 3.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDTS3020-A.0250	250	250	40	50	-	50
NDTS3020-A.0300	300	300	100	50	-	100
NDTS3020-A.0350	350	350	105	50	-	150
NDTS3020-A.0400	400	400	115	50	-	200
NDTS3020-A.0450	450	450	120	50	-	250
NDTS3020-A.0500	500	500	135	50	-	300
NDTS3020-A.0550	550	550	160	50	150	-
NDTS3020-A.0600	600	600	150	50	175	-
NDTS3020-A.0650	650	650	140	50	200	-
NDTS3020-A.0700	700	700	130	50	225	-
NDTS3020-A.0750	750	750	120	50	250	-
NDTS3020-A.0800	800	800	118	50	275	-
NDTS3020-A.0850	850	850	113	50	300	-
NDTS3020-A.0900	900	900	98	50	325	-
NDTS3020-A.0950	950	950	95	50	350	-
NDTS3020-A.1000	1000	1000	88	50	375	-
NDTS3020-A.1050	1050	1050	85	50	400	-
NDTS3020-A.1100	1100	1100	80	50	425	-
NDTS3020-A.1150	1150	1150	77	50	450	-
NDTS3020-A.1200	1200	1200	72	50	475	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

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Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

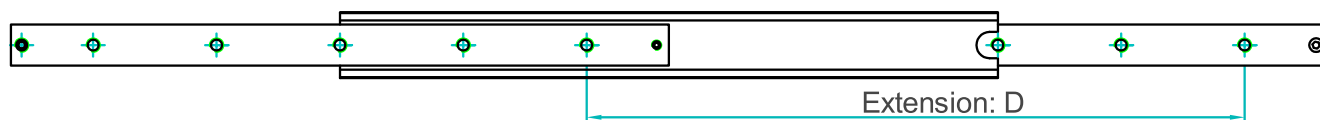
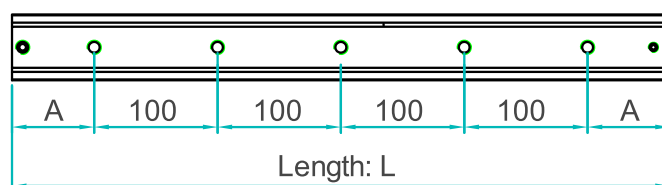


Important Safety Notice

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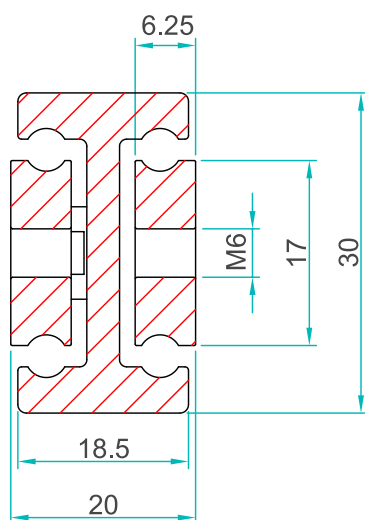
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Available Options:

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- * **FF** – both outer beams countersunk
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- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDTS3020-B weighs 3.5 kg/m				Hole pattern
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"
NDTS3020-B.0250	250	285	40	25
NDTS3020-B.0300	300	323	100	50
NDTS3020-B.0350	350	377	105	25
NDTS3020-B.0400	400	416	115	50
NDTS3020-B.0450	450	485	120	25
NDTS3020-B.0500	500	523	135	50
NDTS3020-B.0550	550	577	160	25
NDTS3020-B.0600	600	615	150	50
NDTS3020-B.0650	650	685	140	25
NDTS3020-B.0700	700	723	130	50
NDTS3020-B.0750	750	777	120	25
NDTS3020-B.0800	800	815	118	50
NDTS3020-B.0850	850	884	113	25
NDTS3020-B.0900	900	923	98	50
NDTS3020-B.0950	950	977	95	25
NDTS3020-B.1000	1000	1015	88	50
NDTS3020-B.1050	1050	1084	85	25
NDTS3020-B.1100	1100	1123	80	50
NDTS3020-B.1150	1150	1176	77	25
NDTS3020-B.1200	1200	1215	72	50

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

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Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

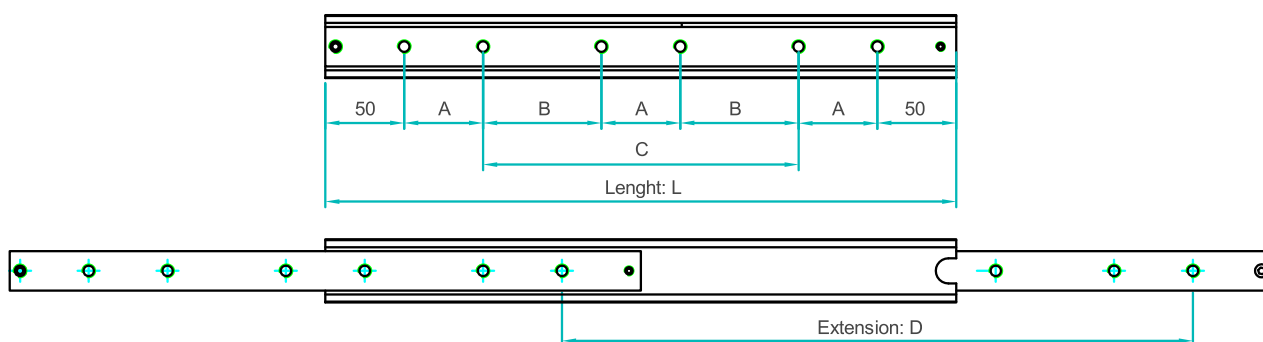


Important Safety Notice

Do not disassemble the slide!

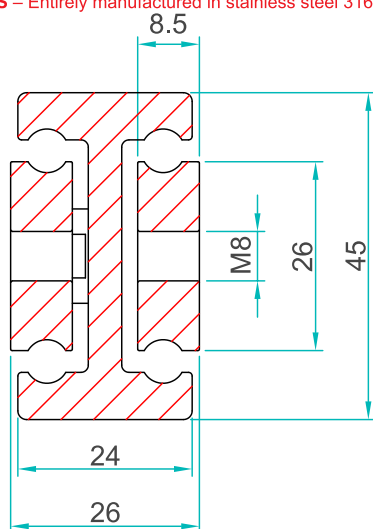
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDTS4526-A weighs 5.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDTS4526-A.0250	250	250	260	50	-	50
NDTS4526-A.0300	300	300	265	50	-	100
NDTS4526-A.0350	350	350	270	50	-	150
NDTS4526-A.0400	400	400	275	50	-	200
NDTS4526-A.0450	450	450	280	50	-	250
NDTS4526-A.0500	500	500	285	50	-	300
NDTS4526-A.0550	550	550	290	50	150	-
NDTS4526-A.0600	600	600	310	50	175	-
NDTS4526-A.0650	650	650	320	50	200	-
NDTS4526-A.0700	700	700	335	50	225	-
NDTS4526-A.0750	750	750	300	50	250	-
NDTS4526-A.0800	800	800	290	50	275	-
NDTS4526-A.0850	850	850	270	05	300	-
NDTS4526-A.0900	900	900	265	50	325	-
NDTS4526-A.0950	950	950	255	50	350	-
NDTS4526-A.1000	1000	1000	245	50	375	-
NDTS4526-A.1050	1050	1050	235	50	400	-
NDTS4526-A.1100	1100	1100	220	50	425	-
NDTS4526-A.1150	1150	1150	215	50	450	-
NDTS4526-A.1200	1200	1200	210	50	475	-
NDTS4526-A.1250	1250	1250	205	50	500	-
NDTS4526-A.1300	1300	1300	200	50	525	-
NDTS4526-A.1350	1350	1350	195	50	550	-
NDTS4526-A.1400	1400	1400	190	50	575	-
NDTS4526-A.1450	1450	1450	185	50	600	-
NDTS4526-A.1500	1500	1500	180	50	625	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

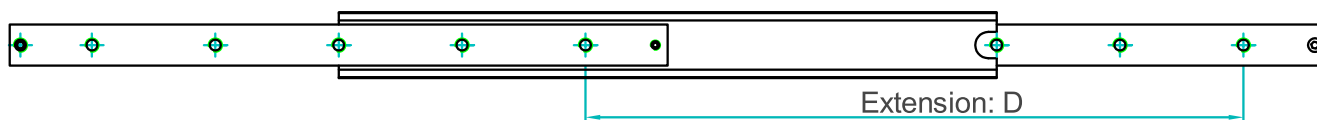
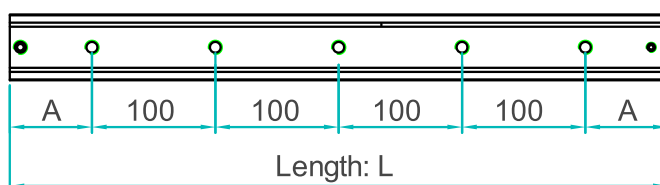


Important Safety Notice

Do not disassemble the slide!

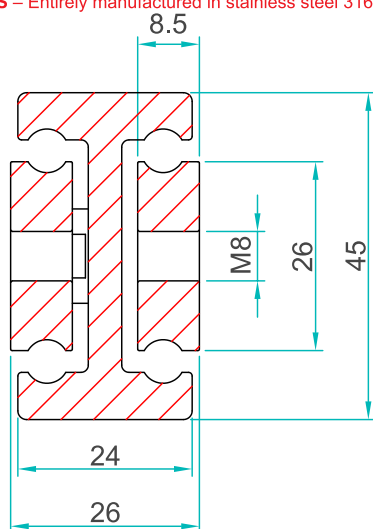
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDTS4526-B weighs 6.1 kg/m				Hole pattern
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"
NDTS4526-B.0250	250	276	260	25
NDTS4526-B.0300	300	310	265	50
NDTS4526-B.0350	350	388	270	25
NDTS4526-B.0400	400	422	275	50
NDTS4526-B.0450	450	478	280	25
NDTS4526-B.0500	500	512	285	50
NDTS4526-B.0550	550	590	290	25
NDTS4526-B.0600	600	624	310	50
NDTS4526-B.0650	650	680	320	25
NDTS4526-B.0700	700	714	335	50
NDTS4526-B.0750	750	770	300	25
NDTS4526-B.0800	800	826	290	50
NDTS4526-B.0850	850	882	270	25
NDTS4526-B.0900	900	916	265	50
NDTS4526-B.0950	950	972	255	25
NDTS4526-B.1000	1000	1028	245	50
NDTS4526-B.1050	1050	1084	235	25
NDTS4526-B.1100	1100	1118	220	50
NDTS4526-B.1150	1150	1174	215	25
NDTS4526-B.1200	1200	1230	210	50
NDTS4526-B.1250	1250	1286	205	25
NDTS4526-B.1300	1300	1320	200	50
NDTS4526-B.1350	1350	1376	195	25
NDTS4526-B.1400	1400	1410	190	50
NDTS4526-B.1450	1450	1488	185	25
NDTS4526-B.1500	1500	1522	180	50

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

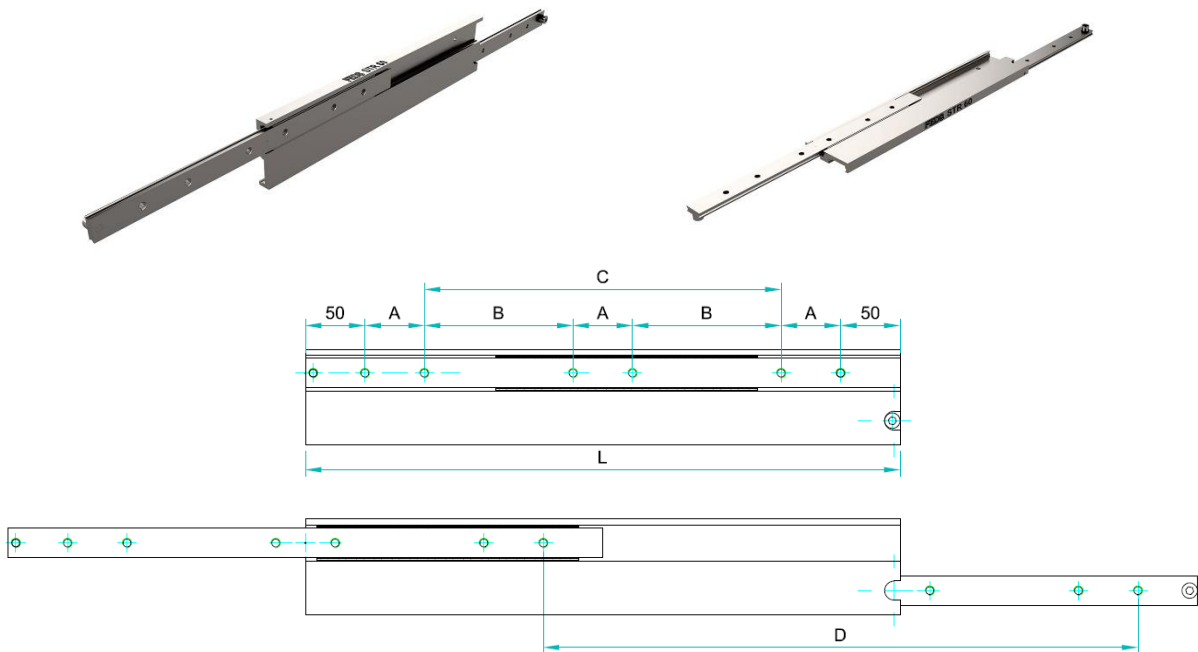


Important Safety Notice

Do not disassemble the slide!

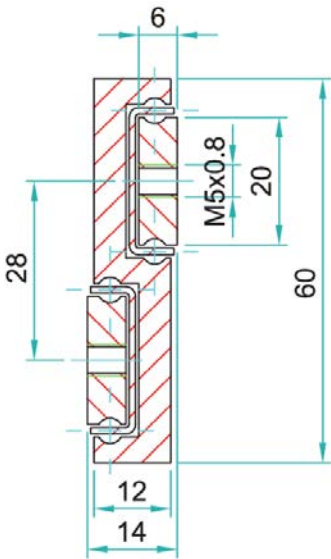
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



STR6014 weights 5.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
STR6014.0200	200	200	130	50	-	-
STR6014.0250	250	250	150	50	-	50
STR6014.0300	300	300	180	50	-	100
STR6014.0350	350	350	220	50	-	150
STR6014.0400	400	400	240	50	-	200
STR6014.0450	450	450	250	50	-	250
STR6014.0500	500	500	260	50	-	300
STR6014.0550	550	550	255	50	150	-
STR6014.0600	600	600	230	50	175	-
STR6014.0650	650	650	200	50	200	-
STR6014.0700	700	700	160	50	225	-
STR6014.0750	750	750	130	50	250	-
STR6014.0800	800	800	100	50	275	-
STR6014.0850	850	850	90	50	300	-
STR6014.0900	900	900	80	50	325	-
STR6014.0950	950	950	70	50	350	-
STR6014.1000	1000	1000	60	50	375	-
STR6014.1050	1050	1050	50	50	400	-
STR6014.1100	1100	1100	40	50	425	-
STR6014.1150	1150	1150	30	50	450	-
STR6014.1200	1200	1200	20	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

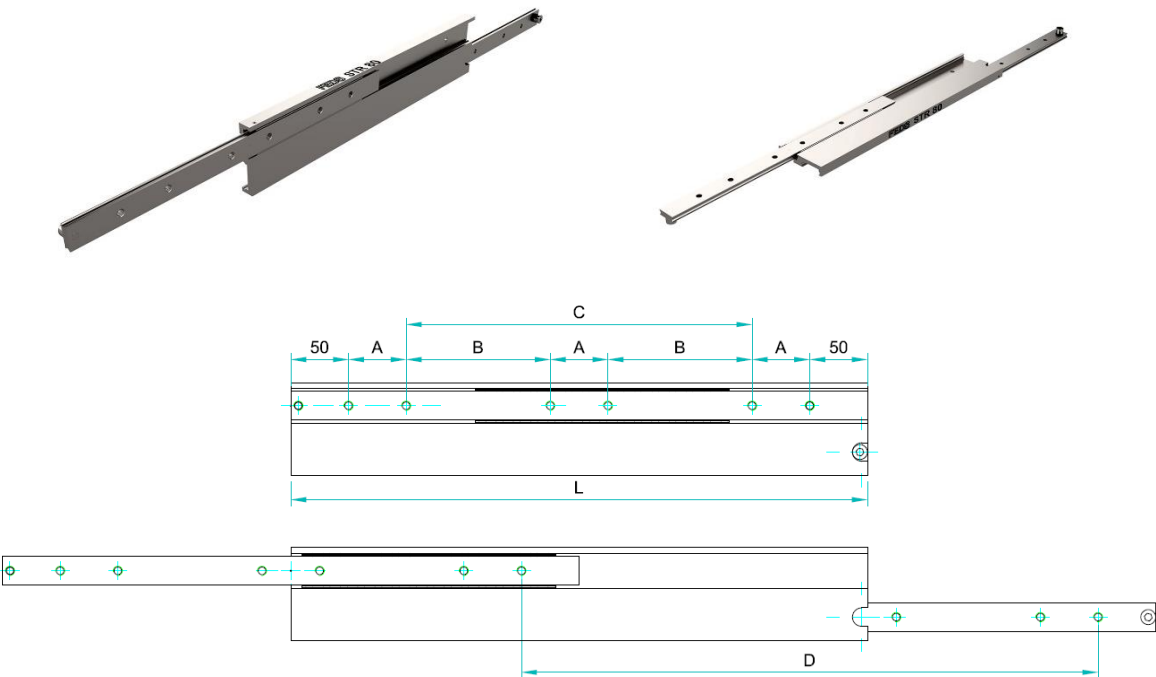
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

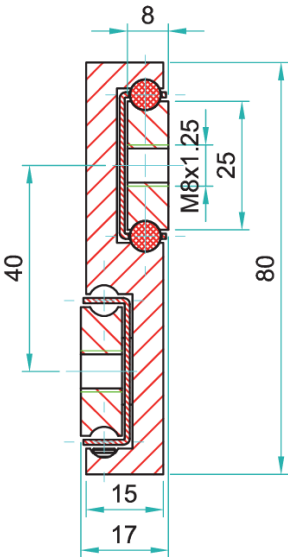
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



STR-8017 weight 8.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
STR8017.0200	200	200	170	50	-	-
STR8017.0250	250	250	190	50	-	50
STR8017.0300	300	300	220	50	-	100
STR8017.0350	350	350	240	50	-	150
STR8017.0400	400	400	260	50	-	200
STR8017.0450	450	450	280	50	-	250
STR8017.0500	500	500	290	50	-	300
STR8017.0550	550	550	300	50	150	-
STR8017.0600	600	600	285	50	175	-
STR8017.0650	650	650	270	50	200	-
STR8017.0700	700	700	260	50	225	-
STR8017.0750	750	750	250	50	250	-
STR8017.0800	800	800	24	50	275	-
STR8017.0850	850	850	230	50	300	-
STR8017.0900	900	900	220	50	325	-
STR8017.0950	950	950	210	50	350	-
STR8017.1000	1000	1000	200	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

STR-8017 weight 8.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
STR8017.1050	1050	1050	190	50	400	-
STR8017.1100	1100	1100	180	50	425	-
STR8017.1150	1150	1150	170	50	450	-
STR8017.1200	1200	1200	160	50	475	-
STR8017.1250	1250	1250	140	50	500	-
STR8017.1300	1300	1300	130	50	525	-
STR8017.1350	1350	1350	120	50	550	-
STR8017.1400	1400	1400	110	50	575	-
STR8017.1450	1450	1450	100	50	600	-
STR8017.1500	1500	1500	90	50	625	-
STR8017.1550	1550	1550	80	50	650	-
STR8017.1600	1600	1600	60	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

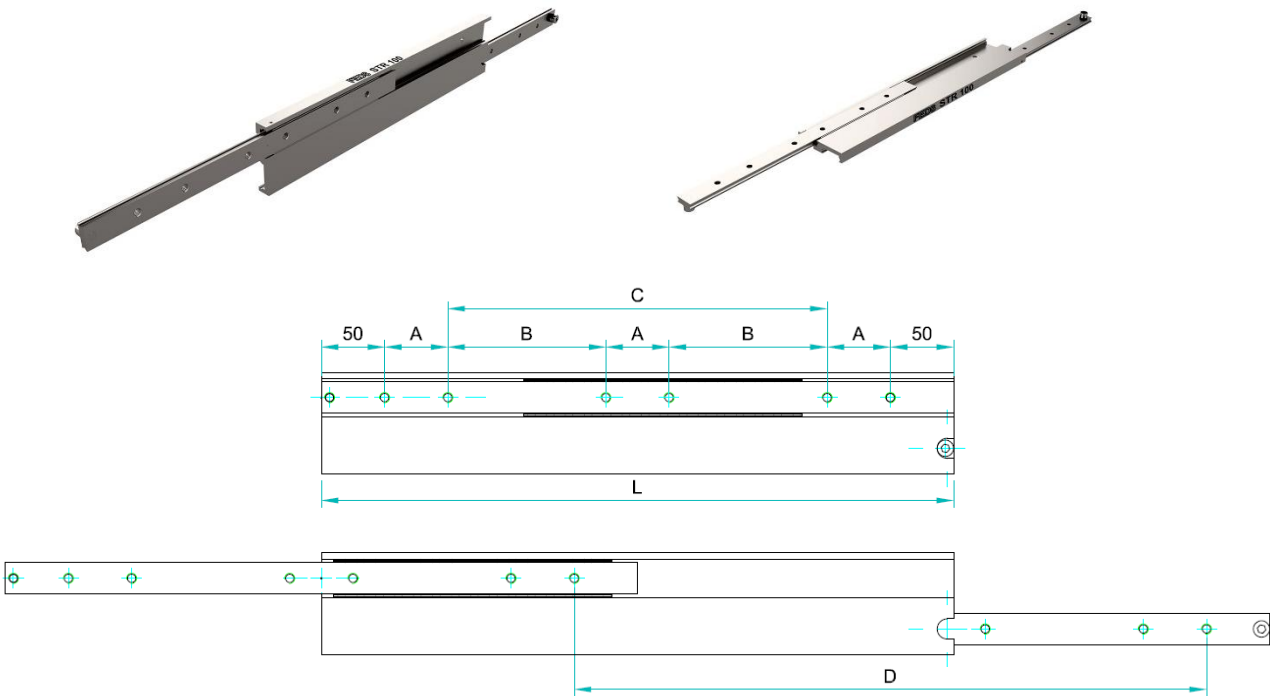
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

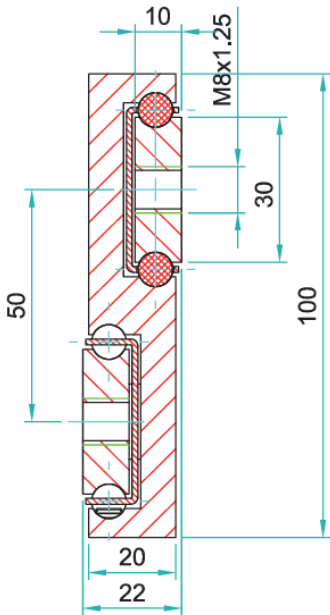
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



STR-10022 weights 13.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
STR10022.0200	200	200	250	50	-	-
STR10022.0250	250	250	280	50	-	50
STR10022.0300	300	300	320	50	-	100
STR10022.0350	350	350	360	50	-	150
STR10022.0400	400	400	390	50	-	200
STR10022.0450	450	450	410	50	-	250
STR10022.0500	500	500	425	50	-	300
STR10022.0550	550	550	435	50	150	-
STR10022.0600	600	600	420	50	175	-
STR10022.0650	650	650	410	50	200	-
STR10022.0700	700	700	400	50	225	-
STR10022.0750	750	750	380	50	250	-
STR10022.0800	800	800	360	50	275	-
STR10022.0850	850	850	340	50	300	-
STR10022.0900	900	900	320	50	325	-
STR10022.0950	950	950	300	50	350	-
STR10022.1000	1000	1000	285	50	375	-
STR10022.1050	1050	1050	270	50	400	-
STR10022.1100	1100	1100	265	50	425	-
STR10022.1150	1150	1150	240	50	450	-
STR10022.1200	1200	1200	230	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

STR-10022 weights 13.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
STR10022.1250	1250	1250	220	50	500	-
STR10022.1300	1300	1300	210	50	525	-
STR10022.1350	1350	1350	200	50	550	-
STR10022.1400	1400	1400	190	50	575	-
STR10022.1450	1450	1450	180	50	600	-
STR10022.1500	1500	1500	170	50	625	-
STR10022.1550	1550	1550	160	50	650	-
STR10022.1600	1600	1600	150	50	675	-
STR10022.1650	1650	1650	140	50	700	-
STR10022.1700	1700	1700	130	100	650	-
STR10022.1750	1750	1750	110	100	675	-
STR10022.1800	1800	1800	90	100	700	-
STR10022.1850	1850	1850	80	100	725	-
STR10022.1900	1900	1900	70	100	750	-
STR10022.1950	1950	1950	60	100	775	-
STR10022.2000	2000	2000	50	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

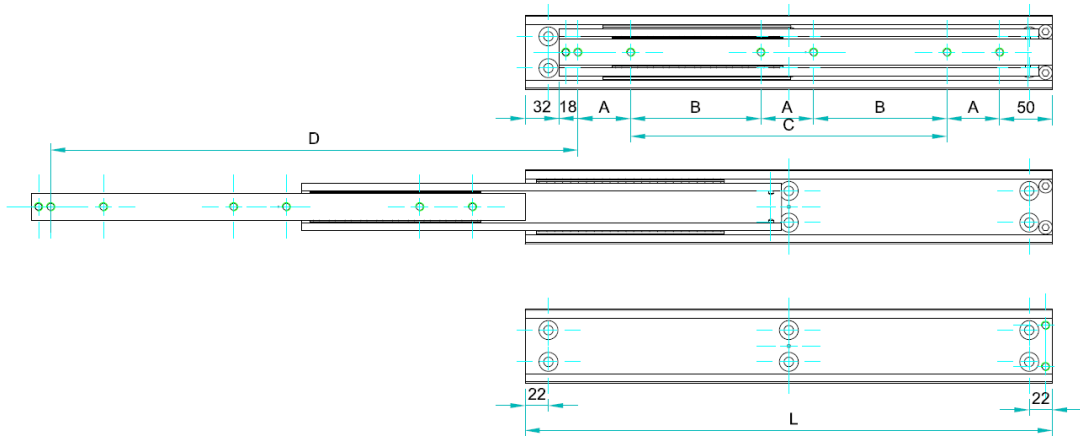
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

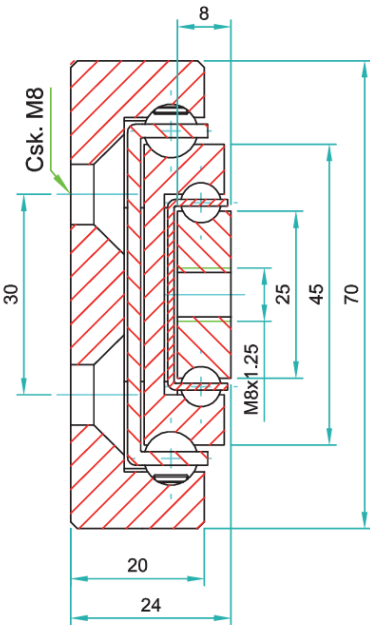
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



TSR-7024 weights 9.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR7024.0300	300	300	390	50	-	100
TSR7024.0350	350	350	395	50	-	150
TSR7024.0400	400	400	400	50	-	200
TSR7024.0450	450	450	405	50	-	250
TSR7024.0500	500	500	415	50	-	300
TSR7024.0550	550	550	420	50	-	350
TSR7024.0600	600	600	430	50	-	400
TSR7024.0650	650	650	435	50	200	-
TSR7024.0700	700	700	430	50	225	-
TSR7024.0750	750	750	425	50	250	-
TSR7024.0800	800	800	420	50	275	-
TSR7024.0850	850	850	410	50	300	-
TSR7024.0900	900	900	400	50	325	-
TSR7024.0950	950	950	395	50	350	-
TSR7024.1000	1000	1000	380	50	375	-
TSR7024.1050	1050	1050	365	50	400	-
TSR7024.1100	1100	1100	350	50	425	-
TSR7024.1150	1150	1150	340	50	450	-
TSR7024.1200	1200	1200	325	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

TSR-7024 weights 9.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR7024.1250	1250	1250	310	50	500	-
TSR7024.1300	1300	1300	290	50	525	-
TSR7024.1350	1350	1350	280	50	550	-
TSR7024.1400	1400	1400	270	50	575	-
TSR7024.1450	1450	1450	260	50	600	-
TSR7024.1500	1500	1500	245	50	625	-
TSR7024.1550	1550	1550	230	50	650	-
TSR7024.1600	1600	1600	215	50	675	-
TSR7024.1650	1650	1650	200	50	700	-
TSR7024.1700	1700	1700	185	100	650	-
TSR7024.1750	1750	1750	165	100	675	-
TSR7024.1800	1800	1800	145	100	700	-
TSR7024.1850	1850	1850	125	100	725	-
TSR7024.1900	1900	1900	105	100	750	-
TSR7024.1950	1950	1950	85	100	775	-
TSR7024.2000	2000	2000	65	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

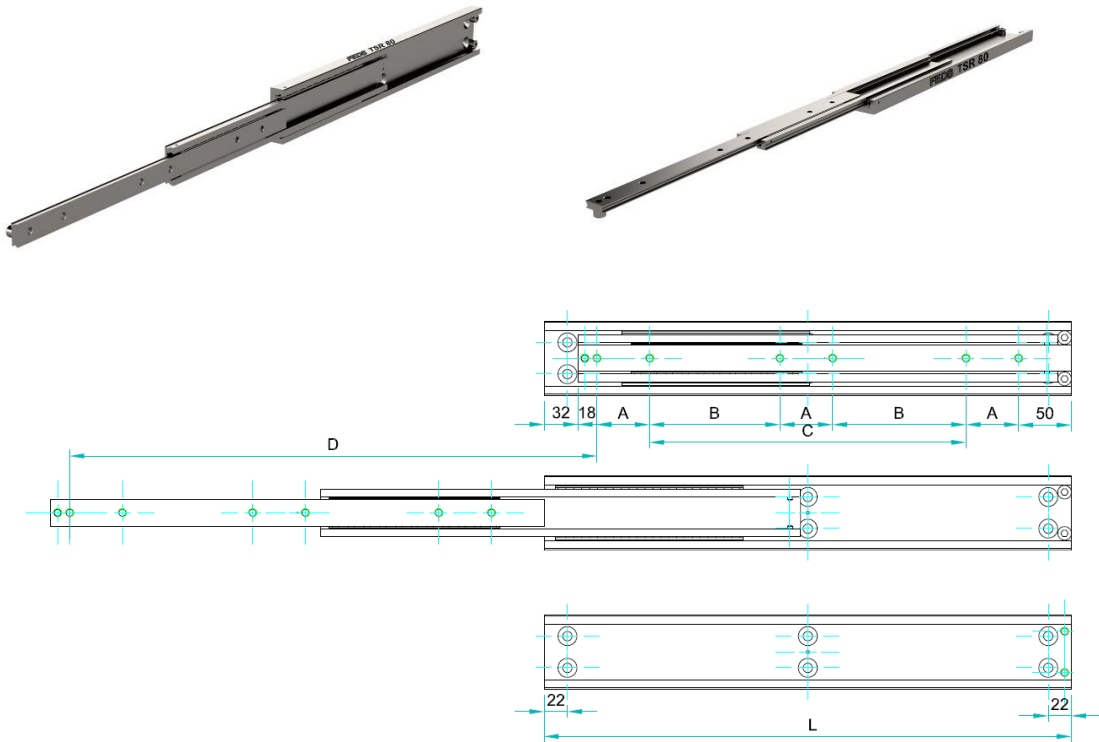
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

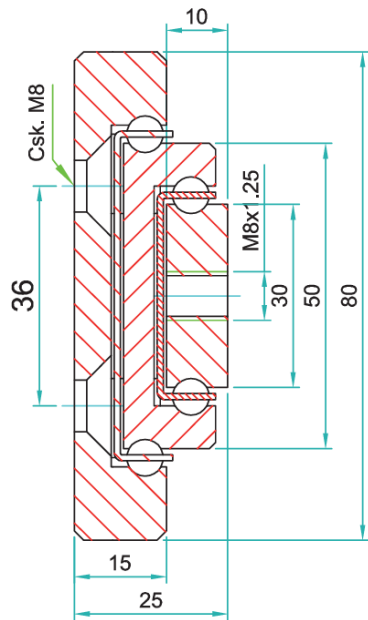
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





Options:
"H" – Hardened raceways
"V" - V shape channel raceways
"SB"- stainless steel ball bearings
"SC"- stainless steel ball cages
"SA"- stainless steel stopping pins
and bolts



TSR-8025 weights 10.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR8025.0300	300	300	390	50	-	100
TSR8025.0350	350	350	400	50	-	150
TSR8025.0400	400	400	405	50	-	200
TSR8025.0450	450	450	410	50	-	250
TSR8025.0500	500	500	415	50	-	300
TSR8025.0550	550	550	420	50	-	350
TSR8025.0600	600	600	425	50	-	400
TSR8025.0650	650	650	435	50	200	-
TSR8025.0700	700	700	430	50	225	-
TSR8025.0750	750	750	425	50	250	-
TSR8025.0800	800	800	420	50	275	-
TSR8025.0850	850	850	410	50	300	-
TSR8025.0900	900	900	400	50	325	-
TSR8025.0950	950	950	390	50	350	-
TSR8025.1000	1000	1000	390	50	375	-
TSR8025.1050	1050	1050	370	50	400	-
TSR8025.1100	1100	1100	360	50	425	-
TSR8025.1150	1150	1150	345	50	450	-
TSR8025.1200	1200	1200	330	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

TSR-8025 weights 10.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR8025.1250	1250	1250	315	50	500	-
TSR8025.1300	1300	1300	300	50	525	-
TSR8025.1350	1350	1350	280	50	550	-
TSR8025.1400	1400	1400	260	50	575	-
TSR8025.1450	1450	1450	250	50	600	-
TSR8025.1500	1500	1500	240	50	625	-
TSR8025.1550	1550	1550	230	50	650	-
TSR8025.1600	1600	1600	220	50	675	-
TSR8025.1650	1650	1650	210	50	700	-
TSR8025.1700	1700	1700	200	100	650	-
TSR8025.1750	1750	1750	190	100	675	-
TSR8025.1800	1800	1800	180	100	700	-
TSR8025.1850	1850	1850	170	100	725	-
TSR8025.1900	1900	1900	160	100	750	-
TSR8025.1950	1950	1950	150	100	775	-
TSR8025.2000	2000	200	140	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

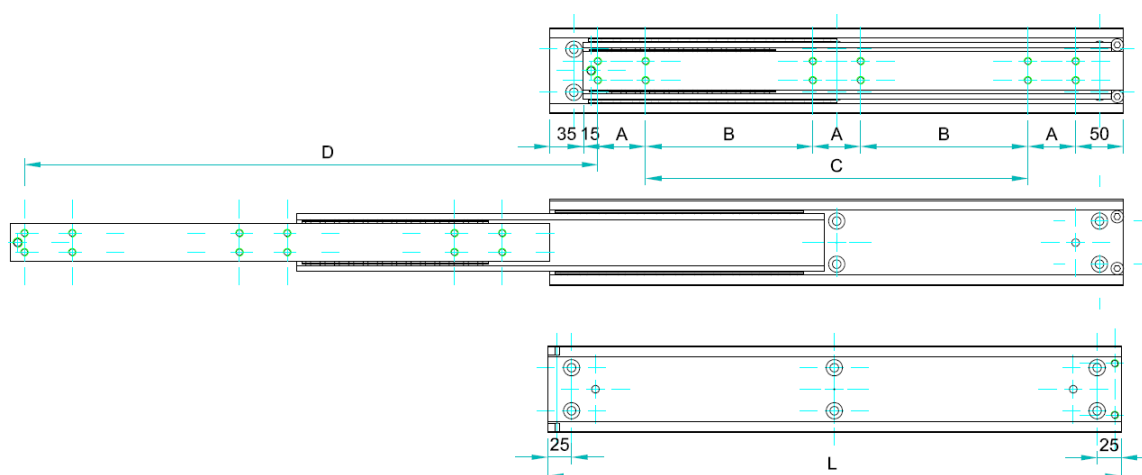
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

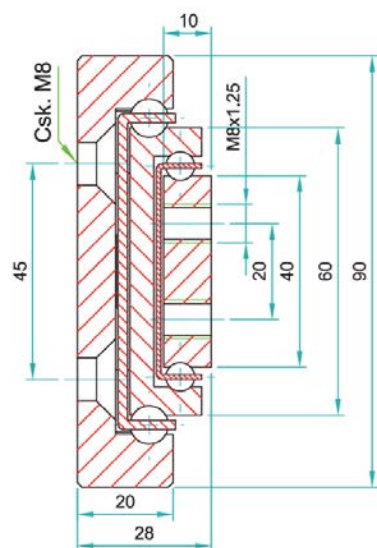
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





"H" - Hardened raceways
"V" - V shape channel raceways
"SB" - stainless steel ball bearings
"SC" - stainless steel ball cages
"SA" - stainless steel stopping pins
 and bolts



TSR-9028 weights 14.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	“A”	“B”	“C”
TSR9028.0300	300	300	620	50	-	100
TSR9028.0350	350	350	630	50	-	150
TSR9028.0400	400	400	640	50	-	200
TSR9028.0450	450	450	650	50	-	250
TSR9028.0500	500	500	660	50	-	300
TSR9028.0550	550	550	670	50	-	350
TSR9028.0600	600	600	680	50	-	400
TSR9028.0650	650	650	690	50	200	-
TSR9028.0700	700	700	680	50	225	-
TSR9028.0750	750	750	670	50	250	-
TSR9028.0800	800	800	660	50	275	-
TSR9028.0850	850	850	650	50	300	-
TSR9028.0900	900	900	640	50	325	-
TSR9028.0950	950	950	630	50	350	-
TSR9028.1000	1000	1000	615	50	375	-
TSR9028.1050	1050	1050	590	50	400	-
TSR9028.1100	1100	1100	565	50	425	-
TSR9028.1150	1150	1150	540	50	450	-
TSR9028.1200	1200	1200	520	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

TSR-9028 weights 14.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR9028.1250	1250	1250	490	50	500	-
TSR9028.1300	1300	1300	475	50	525	-
TSR9028.1350	1350	1350	455	50	550	-
TSR9028.1400	1400	1400	430	50	575	-
TSR9028.1450	1450	1450	410	50	600	-
TSR9028.1500	1500	1500	380	50	625	-
TSR9028.1550	1550	1550	350	50	650	-
TSR9028.1600	1600	1600	320	50	675	-
TSR9028.1650	1650	1650	290	50	700	-
TSR9028.1700	1700	1700	270	100	650	-
TSR9028.1750	1750	1750	250	100	675	-
TSR9028.1800	1800	1800	230	100	700	-
TSR9028.1850	1850	1850	210	100	725	-
TSR9028.1900	1900	1900	200	100	750	-
TSR9028.1950	1950	1950	195	100	775	-
TSR9028.2000	2000	2000	190	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

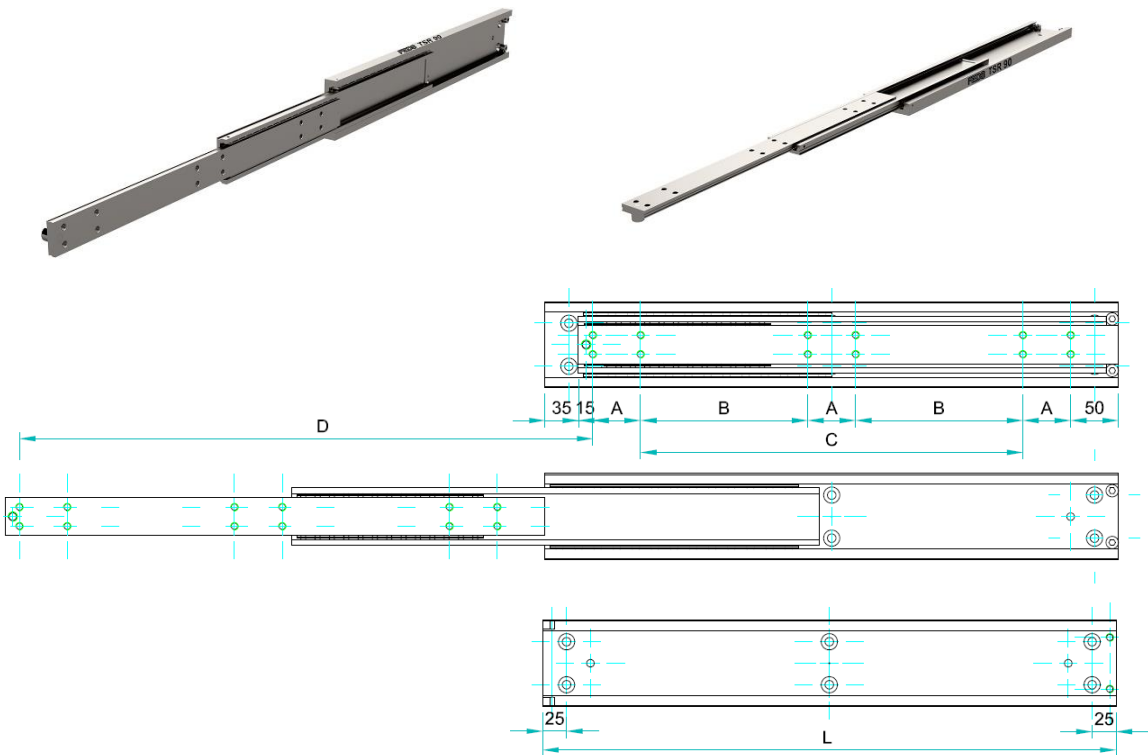
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

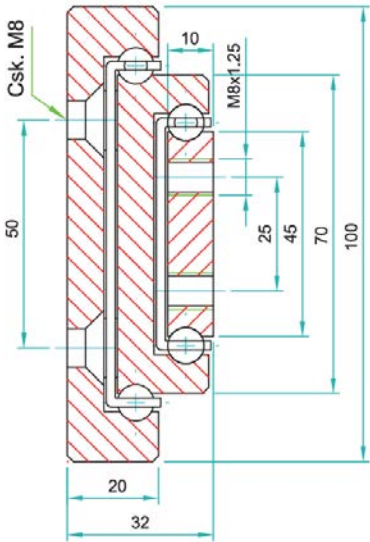
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



TSR-10032 weights 17.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR10032.0300	300	300	820	50	-	100
TSR10032.0350	350	350	860	50	-	150
TSR10032.0400	400	400	900	50	-	200
TSR10032.0450	450	450	940	50	-	250
TSR10032.0500	500	500	960	50	-	300
TSR10032.0550	550	550	980	50	150	-
TSR10032.0600	600	600	1000	50	175	-
TSR10032.0650	650	650	980	50	200	-
TSR10032.0700	700	700	950	50	225	-
TSR10032.0750	750	750	920	50	250	-
TSR10032.0800	800	800	890	50	275	-
TSR10032.0850	850	850	860	50	300	-
TSR10032.0900	900	900	830	50	325	-
TSR10032.0950	950	950	820	50	350	-
TSR10032.1000	1000	1000	800	50	375	-
TSR10032.1050	1050	1050	780	50	400	-
TSR10032.1100	1100	1100	760	50	425	-
TSR10032.1150	1150	1150	740	50	450	-
TSR10032.1200	1200	1200	720	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

TSR-10032 weights 17.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR10032.1250	1250	1250	700	50	600	-
TSR10032.1300	1300	1300	680	50	625	-
TSR10032.1350	1350	1350	660	50	650	-
TSR10032.1400	1400	1400	640	50	675	-
TSR10032.1450	1450	1450	620	50	700	-
TSR10032.1500	1500	1500	600	50	650	-
TSR10032.1550	1550	1550	580	50	675	-
TSR10032.1600	1600	1600	560	50	700	-
TSR10032.1650	1650	1650	540	50	700	-
TSR10032.1700	1700	1700	520	100	650	-
TSR10032.1750	1750	1750	500	100	675	-
TSR10032.1800	1800	1800	480	100	700	-
TSR10032.1850	1850	1850	460	100	725	-
TSR10032.1900	1900	1900	440	100	750	-
TSR10032.1950	1950	1950	420	100	775	-
TSR10032.2000	2000	2000	400	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

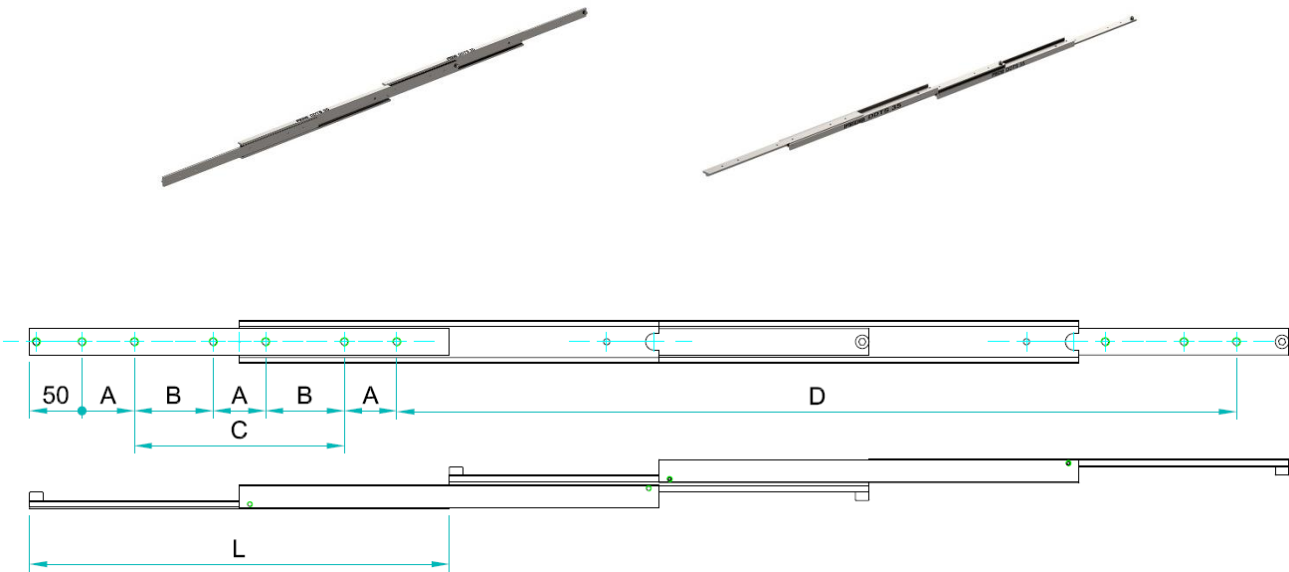
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

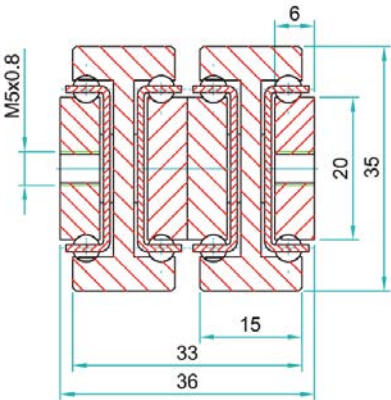
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DDTS-3536 weights 6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS3536.0200	200	400	70	50	-	-
DDTS3536.0250	250	500	80	50	-	50
DDTS3536.0300	300	600	90	50	-	100
DDTS3536.0350	350	700	100	50	-	150
DDTS3536.0400	400	800	90	50	-	200
DDTS3536.0450	450	900	80	50	-	250
DDTS3536.0500	500	1000	70	50	-	300
DDTS3536.0550	550	1100	65	50	150	-
DDTS3536.0600	600	1200	60	50	175	-
DDTS3536.0650	650	1300	55	50	200	-
DDTS3536.0700	700	1400	50	50	225	-
DDTS3536.0750	750	1500	45	50	250	-
DDTS3536.0800	800	1600	40	50	275	-
DDTS3536.0850	850	1700	35	50	300	-
DDTS3536.0900	900	1800	30	50	325	-
DDTS3536.0950	950	1900	25	50	350	-
DDTS3536.1000	1000	2000	20	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

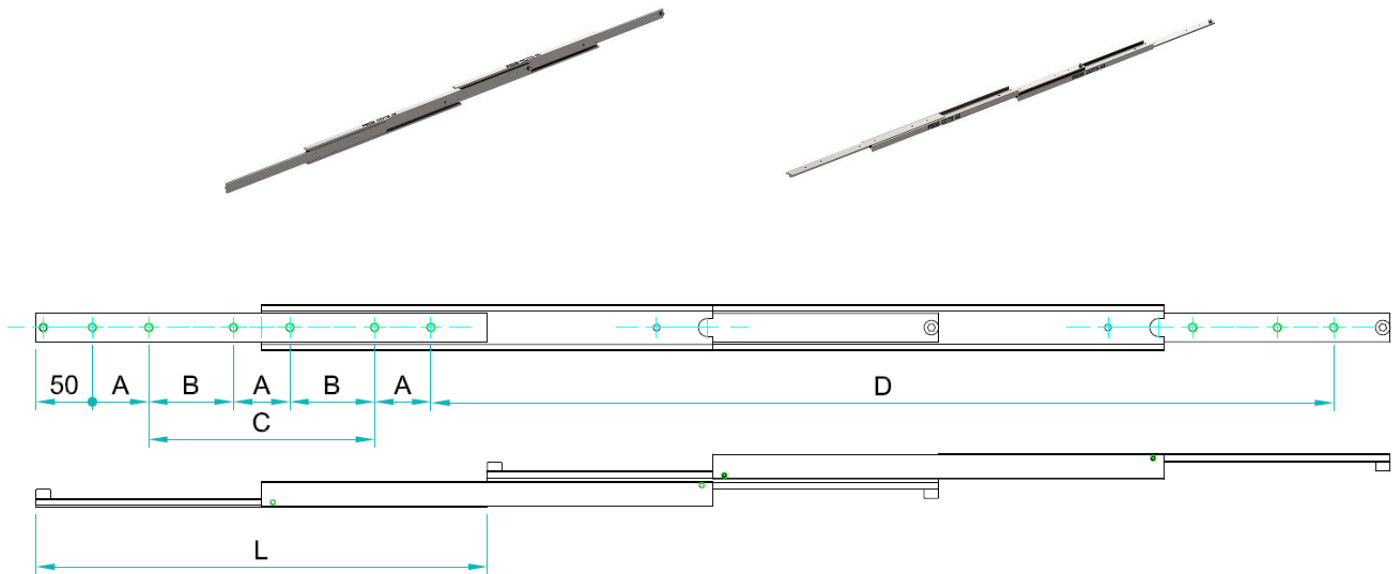
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

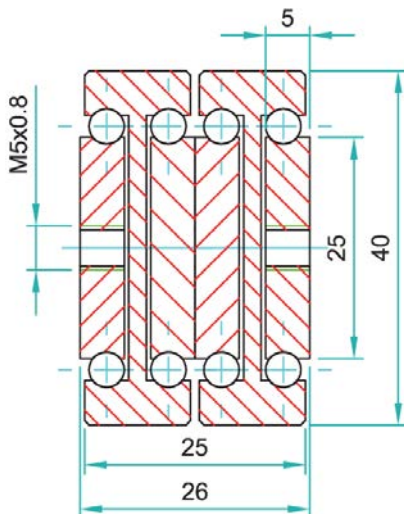
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DDTS-4026 weights 6.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS4026.0200	200	400	65	50	-	-
DDTS4026.0250	250	500	70	50	-	50
DDTS4026.0300	300	600	75	50	-	100
DDTS4026.0350	350	700	80	50	-	150
DDTS4026.0400	400	800	75	50	-	200
DDTS4026.0450	450	900	70	50	-	250
DDTS4026.0500	500	1000	65	50	-	300
DDTS4026.0550	550	1100	60	50	150	-
DDTS4026.0600	600	1200	55	50	175	-
DDTS4026.0650	650	1300	50	50	200	-
DDTS4026.0700	700	1400	45	50	225	-
DDTS4026.0750	750	1500	40	50	250	-
DDTS4026.0800	800	1600	35	50	275	-
DDTS4026.0850	850	1700	30	50	300	-
DDTS4026.0900	900	1800	25	50	325	-
DDTS4026.0950	950	1900	20	50	350	-
DDTS4026.1000	1000	2000	15	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

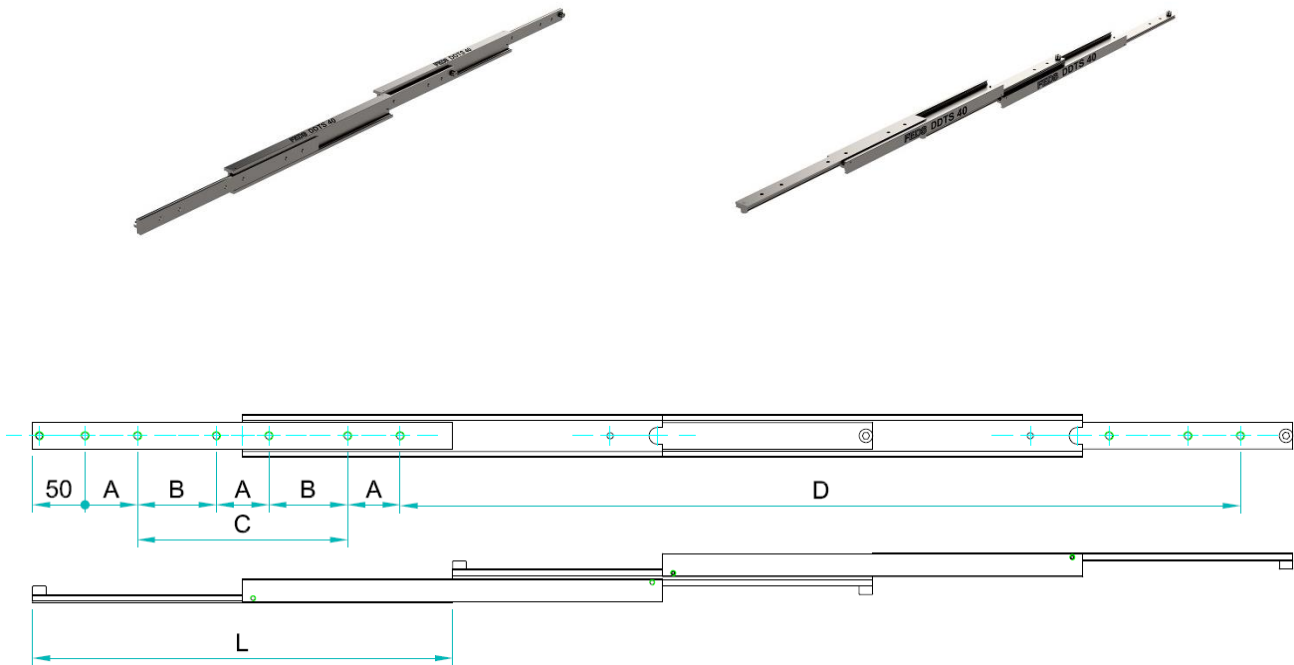
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

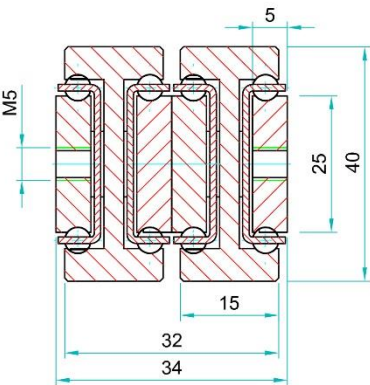
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DDTS-4034 weights 7.93 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS4034.0200	200	400	75	50	-	-
DDTS4034.0250	250	500	80	50	-	50
DDTS4034.0300	300	600	85	50	-	100
DDTS4034.0350	350	700	90	50	-	150
DDTS4034.0400	400	800	85	50	-	200
DDTS4034.0450	450	900	80	50	-	250
DDTS4034.0500	500	1000	75	50	-	300
DDTS4034.0550	550	1100	70	50	150	-
DDTS4034.0600	600	1200	65	50	175	-
DDTS4034.0650	650	1300	60	50	200	-
DDTS4034.0700	700	1400	55	50	225	-
DDTS4034.0750	750	1500	50	50	250	-
DDTS4034.0800	800	1600	45	50	275	-
DDTS4034.0850	850	1700	40	50	300	-
DDTS4034.0900	900	1800	35	50	325	-
DDTS4034.0950	950	1900	30	50	350	-
DDTS4034.1000	1000	2000	20	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

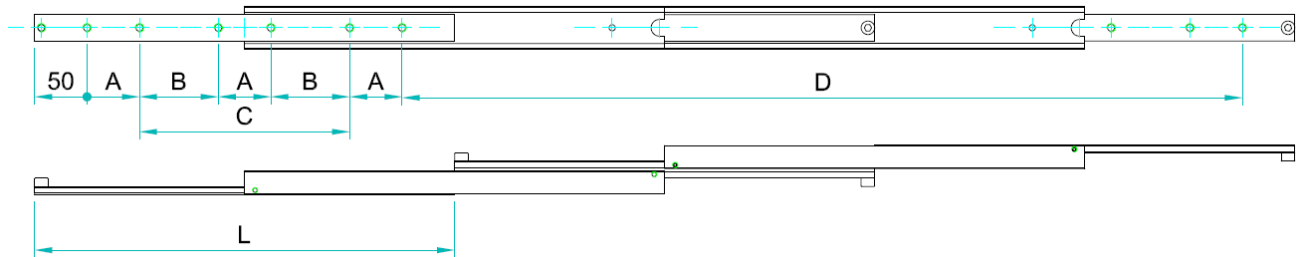
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

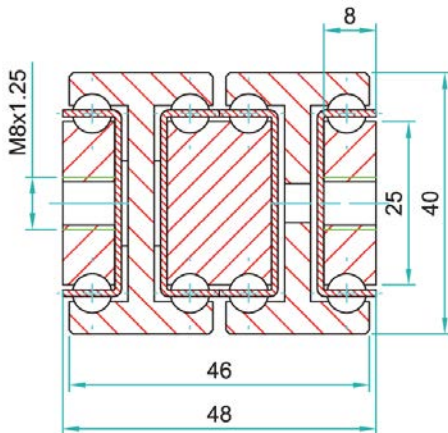
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DDTS-4048 weights 11.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS4048.0200	200	400	130	50	-	-
DDTS4048.0250	250	500	138	50	-	50
DDTS4048.0300	300	600	145	50	-	100
DDTS4048.0350	350	700	152	50	-	150
DDTS4048.0400	400	800	160	50	-	200
DDTS4048.0450	450	900	155	50	-	250
DDTS4048.0500	500	1000	150	50	-	300
DDTS4048.0550	550	1100	145	50	150	-
DDTS4048.0600	600	1200	140	50	175	-
DDTS4048.0650	650	1300	135	50	200	-
DDTS4048.0700	700	1400	130	50	225	-
DDTS4048.0750	750	1500	125	50	250	-
DDTS4048.0800	800	1600	120	50	275	-
DDTS4048.0850	850	1700	115	50	300	-
DDTS4048.0900	900	1800	110	50	325	-
DDTS4048.0950	950	1900	105	50	350	-
DDTS4048.1000	1000	2000	100	50	375	-
DDTS4048.1050	1050	2100	95	50	400	-
DDTS4048.1100	1100	2200	90	50	425	-
DDTS4048.1150	1150	2300	85	50	450	-
DDTS4048.1200	1200	2400	80	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%.

We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

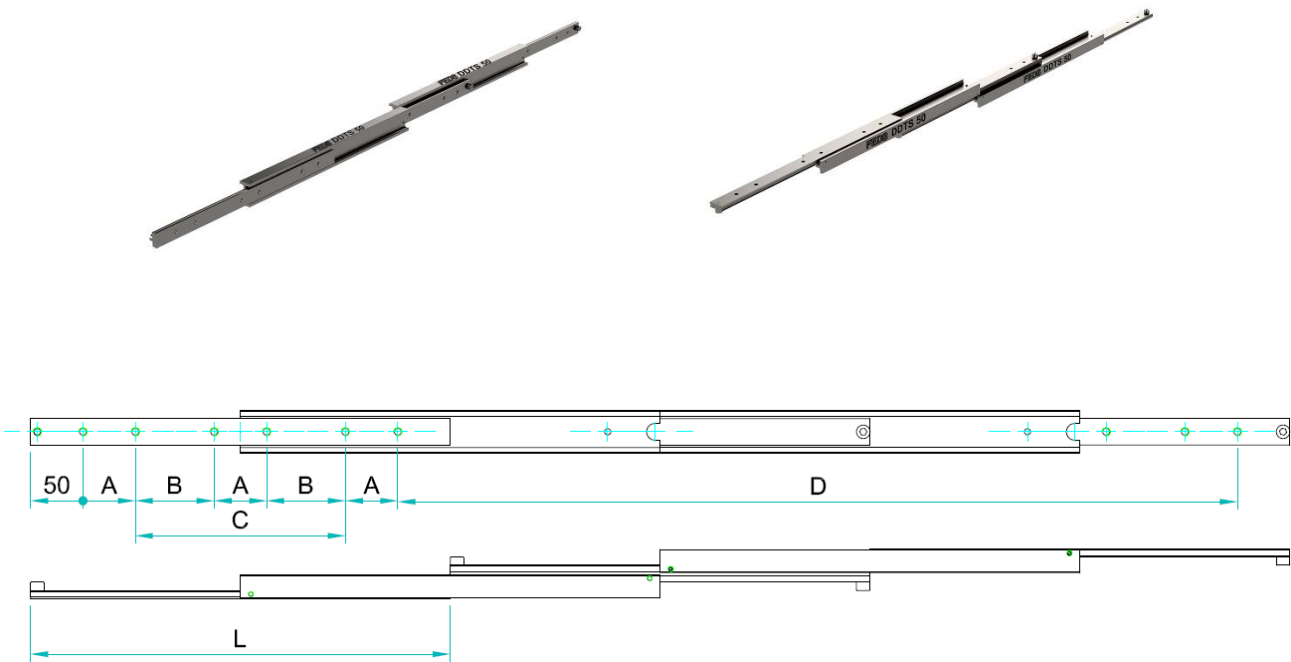
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

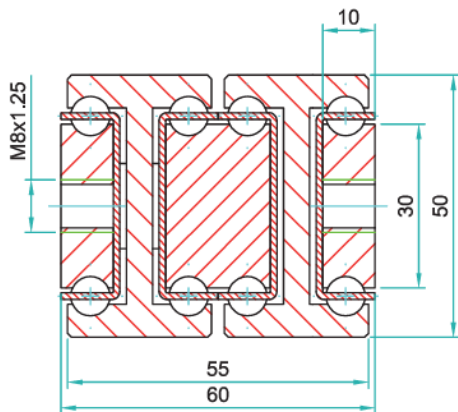
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DDTS-5060 weights 17.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS5060.0200	200	400	190	50	-	-
DDTS5060.0250	250	500	195	50	-	50
DDTS5060.0300	300	600	200	50	-	100
DDTS5060.0350	350	700	210	50	-	150
DDTS5060.0400	400	800	220	50	-	200
DDTS5060.0450	450	900	225	50	-	250
DDTS5060.0500	500	1000	230	50	-	300
DDTS5060.0550	550	1100	235	50	150	-
DDTS5060.0600	600	1200	240	50	175	-
DDTS5060.0650	650	1300	232	50	200	-
DDTS5060.0700	700	1400	225	50	225	-
DDTS5060.0750	750	1500	218	50	250	-
DDTS5060.0800	800	1600	210	50	275	-
DDTS5060.0850	850	1700	195	50	300	-
DDTS5060.0900	900	1800	182	50	325	-
DDTS5060.0950	950	1900	175	50	350	-
DDTS5060.1000	1000	2000	160	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DDTS-5060 weights 17.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS5060.1050	1050	2100	155	50	400	-
DDTS5060.1100	1100	2200	150	50	425	-
DDTS5060.1150	1150	2300	145	50	450	-
DDTS5060.1200	1200	2400	140	50	475	-
DDTS5060.1250	1250	2500	135	50	500	-
DDTS5060.1300	1300	2600	130	50	525	-
DDTS5060.1350	1350	2700	125	50	550	-
DDTS5060.1400	1400	2800	120	50	575	-
DDTS5060.1450	1450	2900	115	50	600	-
DDTS5060.1500	1500	3000	110	50	625	-
DDTS5060.1550	1550	3100	105	50	650	-
DDTS5060.1600	1600	3200	100	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

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Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

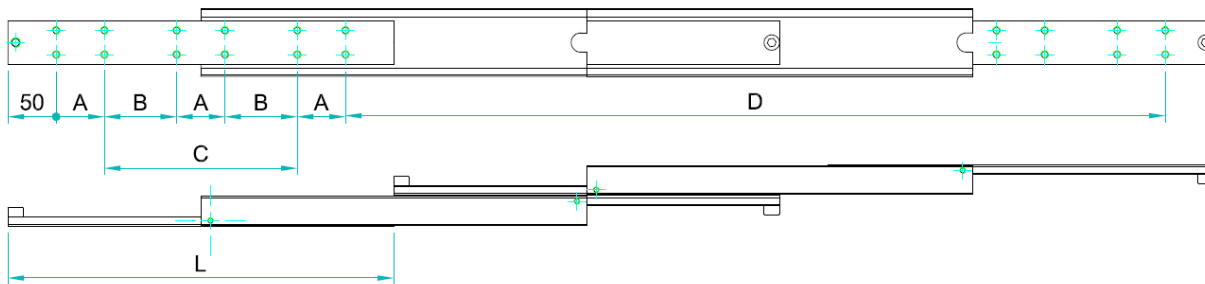
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

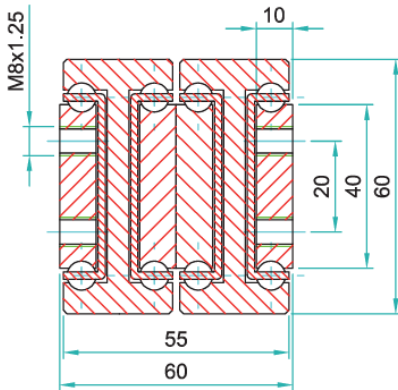
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

- "H" – Hardened raceways
- "V" – V shape channel raceways
- "F" – one outer beam countersunk
- "FF" – both outer beams countersunk
- "SB" – stainless steel ball bearings
- "SC" – stainless steel ball cages
- "SA" – stainless steel stopping pins and bolts



DDTS-6060 weights 21.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS6060.0200	200	400	260	50	-	-
DDTS6060.0250	250	500	270	50	-	50
DDTS6060.0300	300	600	290	50	-	100
DDTS6060.0350	350	700	295	50	-	150
DDTS6060.0400	400	800	300	50	-	200
DDTS6060.0450	450	900	305	50	-	250
DDTS6060.0500	500	1000	310	50	-	300
DDTS6060.0550	550	1100	315	50	-	350
DDTS6060.0600	600	1200	320	50	-	400
DDTS6060.0650	650	1300	317	50	200	-
DDTS6060.0700	700	1400	315	50	225	-
DDTS6060.0750	750	1500	313	50	250	-
DDTS6060.0800	800	1600	310	50	275	-
DDTS6060.0850	850	1700	308	50	300	-
DDTS6060.0900	900	1800	306	50	325	-
DDTS6060.0950	950	1900	304	50	350	-
DDTS6060.1000	1000	2000	300	50	375	-
DDTS6060.1050	1050	2100	290	50	400	-
DDTS6060.1100	1100	2200	280	50	425	-
DDTS6060.1150	1150	2300	270	50	450	-
DDTS6060.1200	1200	2400	260	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DDTS-6060 weights 21.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS6060.1250	1250	2500	250	50	500	-
DDTS6060.1300	1300	2600	240	50	525	-
DDTS6060.1350	1350	2700	230	50	550	-
DDTS6060.1400	1400	2800	220	50	575	-
DDTS6060.1450	1450	2900	210	50	600	-
DDTS6060.1500	1500	3000	200	50	625	-
DDTS6060.1550	1550	3100	190	50	650	-
DDTS6060.1600	1600	3200	180	50	675	-
DDTS6060.1650	1650	3300	170	50	700	-
DDTS6060.1700	1700	3400	160	100	650	-
DDTS6060.1750	1750	3500	150	100	675	-
DDTS6060.1800	1800	3600	140	100	700	-
DDTS6060.1850	1850	3700	130	100	725	-
DDTS6060.1900	1900	3800	110	100	750	-
DDTS6060.1950	1950	3900	100	100	775	-
DDTS6060.2000	2000	4000	90	100	800	-
DDTS6060.2100	2100	4200	80	100	850	-
DDTS6060.2200	2200	4400	70	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

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Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

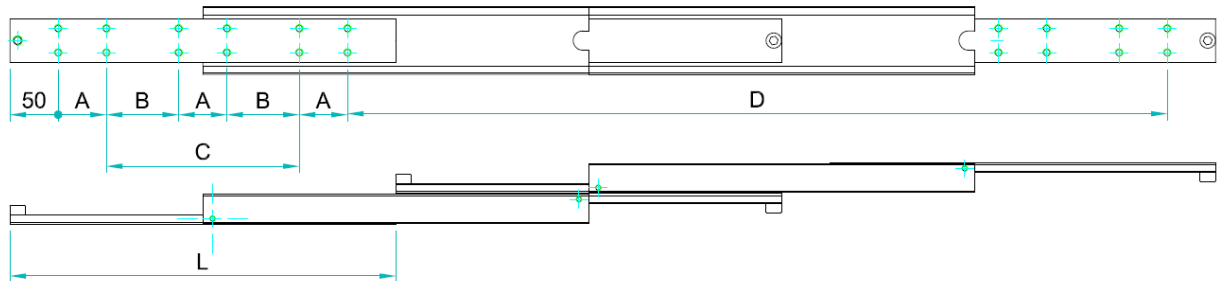
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

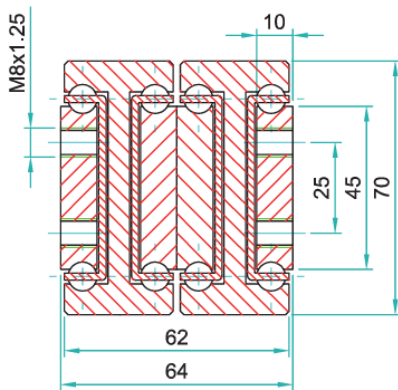
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

- "H" – Hardened raceways
- "V" – V shape channel raceways
- "F" – one outer beam countersunk
- "FF" – both outer beams countersunk
- "SB" – stainless steel ball bearings
- "SC" – stainless steel ball cages
- "SA" – stainless steel stopping pins and bolts



DDTS-7064 weights 27.55 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS7064.0200	200	400	320	50	-	-
DDTS7064.0250	250	500	330	50	-	50
DDTS7064.0300	300	600	350	50	-	100
DDTS7064.0350	350	700	355	50	-	150
DDTS7064.0400	400	800	360	50	-	200
DDTS7064.0450	450	900	365	50	-	250
DDTS7064.0500	500	1000	370	50	-	300
DDTS7064.0550	550	1100	380	50	-	350
DDTS7064.0600	600	1200	385	50	-	400
DDTS7064.0650	650	1300	395	50	200	-
DDTS7064.0700	700	1400	400	50	225	-
DDTS7064.0750	750	1500	405	50	250	-
DDTS7064.0800	800	1600	410	50	275	-
DDTS7064.0850	850	1700	400	50	300	-
DDTS7064.0900	900	1800	390	50	325	-
DDTS7064.0950	950	1900	380	50	350	-
DDTS7064.1000	1000	2000	360	50	375	-
DDTS7064.1050	1050	2100	350	50	400	-
DDTS7064.1100	1100	2200	340	50	425	-
DDTS7064.1150	1150	2300	330	50	450	-
DDTS7064.1200	1200	2400	320	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DDTS-7064 weights 27.55 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS7064.1250	1250	2500	312	50	500	-
DDTS7064.1300	1300	2600	306	50	525	-
DDTS7064.1350	1350	2700	287	50	550	-
DDTS7064.1400	1400	2800	269	50	575	-
DDTS7064.1450	1450	2900	250	50	600	-
DDTS7064.1500	1500	3000	240	50	625	-
DDTS7064.1550	1550	3100	230	50	650	-
DDTS7064.1600	1600	3200	220	50	675	-
DDTS7064.1650	1650	3300	210	50	700	-
DDTS7064.1700	1700	3400	200	100	650	-
DDTS7064.1750	1750	3500	180	100	675	-
DDTS7064.1800	1800	3600	160	100	700	-
DDTS7064.1850	1850	3700	150	100	725	-
DDTS7064.1900	1900	3800	140	100	750	-
DDTS7064.1950	1950	3900	130	100	775	-
DDTS7064.2000	2000	4000	120	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

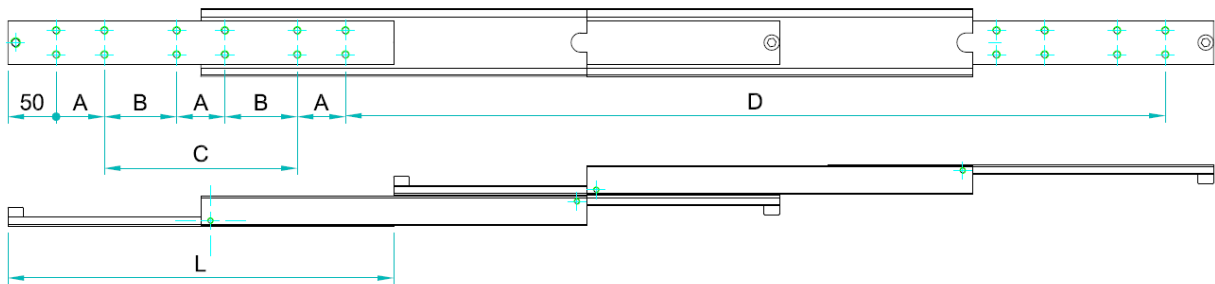
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

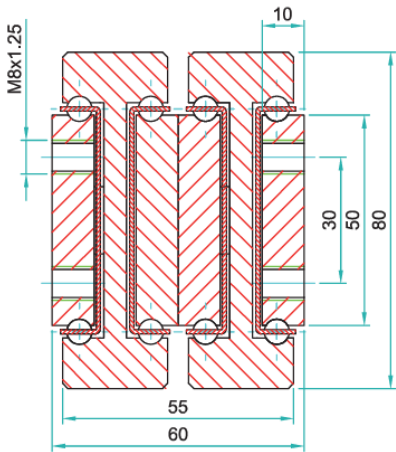
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DDTS-8060 weights 30.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS8060.0200	200	400	400	50	-	-
DDTS8060.0250	250	500	410	50	-	50
DDTS8060.0300	300	600	420	50	-	100
DDTS8060.0350	350	700	430	50	-	150
DDTS8060.0400	400	800	440	50	-	200
DDTS8060.0450	450	900	450	50	-	250
DDTS8060.0500	500	1000	460	50	-	300
DDTS8060.0550	550	1100	470	50	-	350
DDTS8060.0600	600	1200	480	50	-	400
DDTS8060.0650	650	1300	490	50	200	-
DDTS8060.0700	700	1400	500	50	225	-
DDTS8060.0750	750	1500	510	50	250	-
DDTS8060.0800	800	1600	500	50	275	-
DDTS8060.0850	850	1700	495	50	300	-
DDTS8060.0900	900	1800	490	50	325	-
DDTS8060.0950	950	1900	475	50	350	-
DDTS8060.1000	1000	2000	460	50	375	-
DDTS8060.1050	1050	2100	440	50	400	-
DDTS8060.1100	1100	2200	420	50	425	-
DDTS8060.1150	1150	2300	400	50	450	-
DDTS8060.1200	1200	2400	380	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DDTS-8060 weights 30.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS8060.1250	1250	2500	360	50	500	-
DDTS8060.1300	1300	2600	340	50	525	-
DDTS8060.1350	1350	2700	320	50	550	-
DDTS8060.1400	1400	2800	300	50	575	-
DDTS8060.1450	1450	2900	280	50	600	-
DDTS8060.1500	1500	3000	260	50	625	-
DDTS8060.1550	1550	3100	250	50	650	-
DDTS8060.1600	1600	3200	240	50	675	-
DDTS8060.1650	1650	3300	230	50	700	-
DDTS8060.1700	1700	3400	220	100	650	-
DDTS8060.1750	1750	3500	200	100	675	-
DDTS8060.1800	1800	3600	180	100	700	-
DDTS8060.1850	1850	3700	170	100	725	-
DDTS8060.1900	1900	3800	160	100	750	-
DDTS8060.1950	1950	3900	150	100	775	-
DDTS8060.2000	2000	4000	140	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

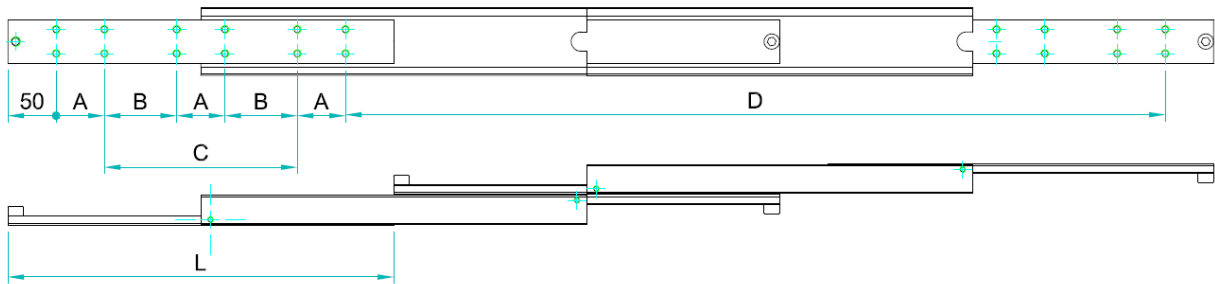
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

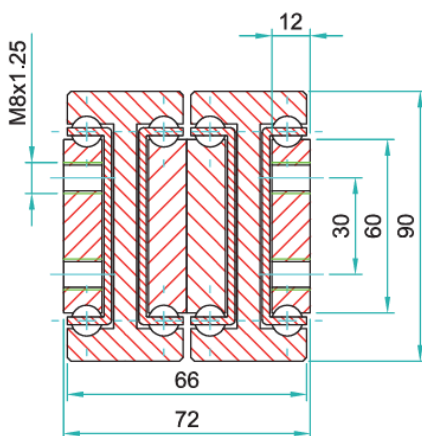
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DDTS-9072 weights 39.70 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS9072.0300	300	600	460	50	-	100
DDTS9072.0350	350	700	480	50	-	150
DDTS9072.0400	400	800	510	50	-	200
DDTS9072.0450	450	900	530	50	-	250
DDTS9072.0500	500	1000	550	50	-	300
DDTS9072.0550	550	1100	575	50	-	350
DDTS9072.0600	600	1200	600	50	-	400
DDTS9072.0650	650	1300	610	50	200	-
DDTS9072.0700	700	1400	620	50	225	-
DDTS9072.0750	750	1500	625	50	250	-
DDTS9072.0800	800	1600	630	50	275	-
DDTS9072.0850	850	1700	625	50	300	-
DDTS9072.0900	900	1800	620	50	325	-
DDTS9072.0950	950	1900	615	50	350	-
DDTS9072.1000	1000	2000	610	50	375	-
DDTS9072.1050	1050	2100	585	50	400	-
DDTS9072.1100	1100	2200	570	50	425	-
DDTS9072.1150	1150	2300	555	50	450	-
DDTS9072.1200	1200	2400	535	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DDTS-9072 weights 39.70 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS9072.1250	1250	2500	520	50	500	-
DDTS9072.1300	1300	2600	500	50	525	-
DDTS9072.1350	1350	2700	480	50	550	-
DDTS9072.1400	1400	2800	460	50	575	-
DDTS9072.1450	1450	2900	440	50	600	-
DDTS9072.1500	1500	3000	420	50	625	-
DDTS9072.1550	1550	3100	405	50	650	-
DDTS9072.1600	1600	3200	390	50	675	-
DDTS9072.1650	1650	3300	380	50	700	-
DDTS9072.1700	1700	3400	360	100	650	-
DDTS9072.1750	1750	3500	330	100	675	-
DDTS9072.1800	1800	3600	300	100	700	-
DDTS9072.1850	1850	3700	280	100	725	-
DDTS9072.1900	1900	3800	260	100	750	-
DDTS9072.1950	1950	3900	240	100	775	-
DDTS9072.2000	2000	4000	220	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

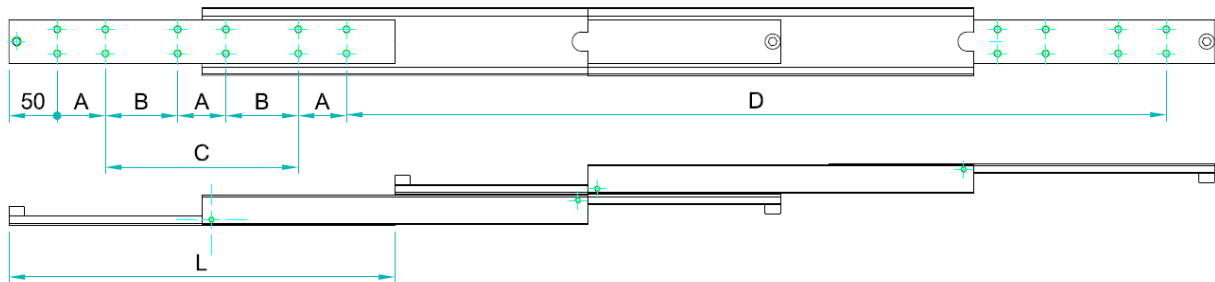
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

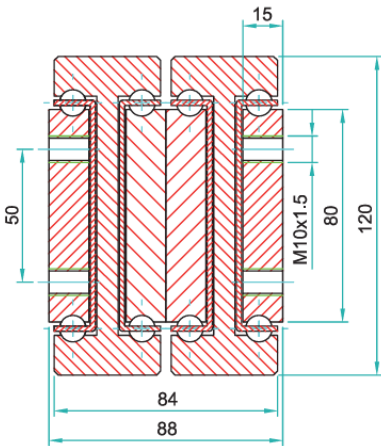
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





- Options:**
"H" – Hardened raceways
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk
"SB"- stainless steel ball bearings
"SC"- stainless steel ball cages
"SA"- stainless steel stopping pins and bolts



DDTS-12088 weights 69.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS12088.0300	300	600	640	100	-	-
DDTS12088.0350	350	700	680	50	-	50
DDTS12088.0400	400	800	720	50	-	100
DDTS12088.0450	450	900	760	50	-	150
DDTS12088.0500	500	1000	790	50	-	200
DDTS12088.0550	550	1100	810	50	-	250
DDTS12088.0600	600	1200	830	50	-	300
DDTS12088.0650	650	1300	840	50	150	-
DDTS12088.0700	700	1400	860	50	175	-
DDTS12088.0750	750	1500	880	50	200	-
DDTS12088.0800	800	1600	890	100	150	-
DDTS12088.0850	850	1700	875	100	175	-
DDTS12088.0900	900	1800	860	100	200	-
DDTS12088.0950	950	1900	845	100	225	-
DDTS12088.1000	1000	2000	830	100	250	-
DDTS12088.1050	1050	2100	810	100	275	-
DDTS12088.1100	1100	2200	800	100	300	-
DDTS12088.1150	1150	2300	790	100	325	-
DDTS12088.1200	1200	2400	780	100	350	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DDTS-12088 weights 69.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS12088.1250	1250	2500	770	100	375	-
DDTS12088.1300	1300	2600	760	100	400	-
DDTS12088.1350	1350	2700	740	100	425	-
DDTS12088.1400	1400	2800	730	100	450	-
DDTS12088.1450	1450	2900	710	100	475	-
DDTS12088.1500	1500	3000	690	100	500	-
DDTS12088.1550	1550	3100	680	100	525	-
DDTS12088.1600	1600	3200	660	100	550	-
DDTS12088.1650	1650	3300	640	100	575	-
DDTS12088.1700	1700	3400	620	100	600	-
DDTS12088.1750	1750	3500	600	100	625	-
DDTS12088.1800	1800	3600	580	100	650	-
DDTS12088.1850	1850	3700	540	100	675	-
DDTS12088.1900	1900	3800	510	100	700	-
DDTS12088.1950	1950	3900	470	100	725	-
DDTS12088.2000	2000	4000	450	100	750	-
DDTS12088.2100	2100	4200	380	100	800	-
DDTS12088.2200	2200	4400	300	100	850	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

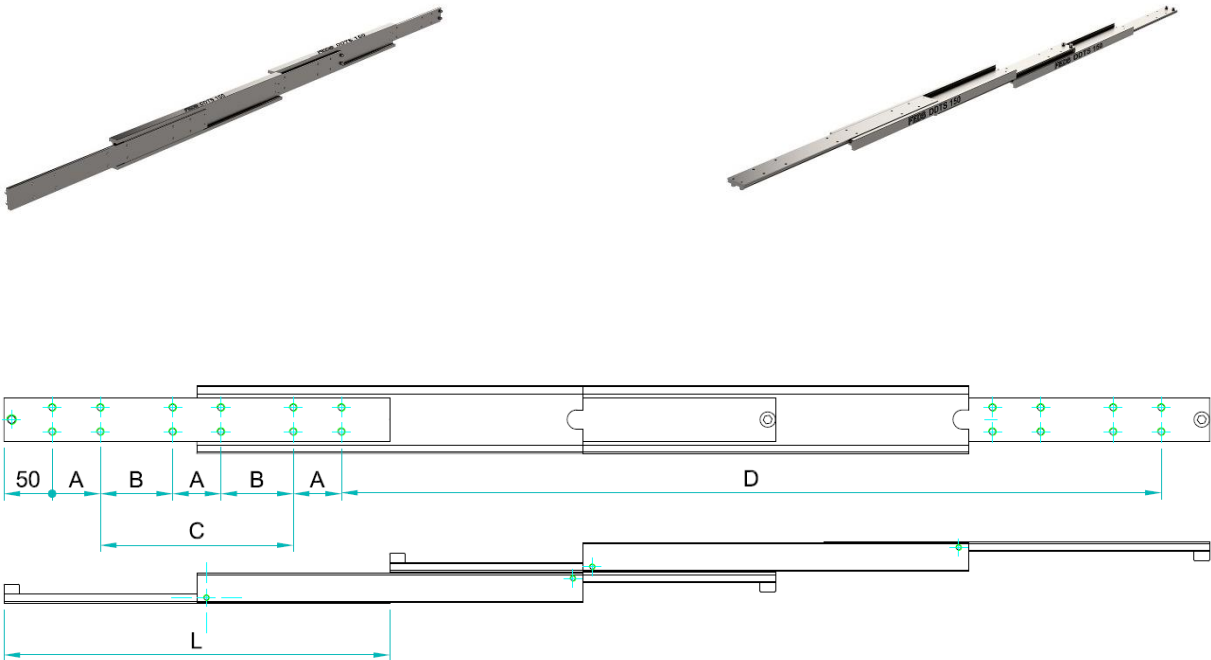
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

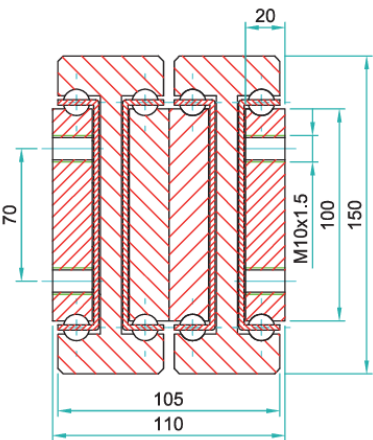
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DDTS-150110 weights 110.50 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS150110.0300	300	600	1120	100	-	-
DDTS150110.0350	350	700	1170	50	-	50
DDTS150110.0400	400	800	1220	50	-	100
DDTS150110.0450	450	900	1280	50	-	150
DDTS150110.0500	500	1000	1330	50	-	200
DDTS150110.0550	550	1100	1380	50	-	250
DDTS150110.0600	600	1200	1440	50	-	300
DDTS150110.0650	650	1300	1460	50	150	-
DDTS150110.0700	700	1400	1490	50	175	-
DDTS150110.0750	750	1500	1510	50	200	-
DDTS150110.0800	800	1600	1540	100	150	-
DDTS150110.0850	850	1700	1520	100	175	-
DDTS150110.0900	900	1800	1500	100	200	-
DDTS150110.0950	950	1900	1480	100	225	-
DDTS150110.1000	1000	2000	1460	100	250	-
DDTS150110.1050	1050	2100	1440	100	275	-
DDTS150110.1100	1100	2200	1410	100	300	-
DDTS150110.1150	1150	2300	1390	100	325	-
DDTS150110.1200	1200	2400	1350	100	350	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DDTS-150110 weights 110.50 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS150110.1250	1250	2500	1330	100	375	-
DDTS150110.1300	1300	2600	1300	100	400	-
DDTS150110.1350	1350	2700	1275	100	425	-
DDTS150110.1400	1400	2800	1250	100	450	-
DDTS150110.1450	1450	2900	1225	100	475	-
DDTS150110.1500	1500	3000	1200	100	500	-
DDTS150110.1550	1550	3100	1180	100	525	-
DDTS150110.1600	1600	3200	1160	100	550	-
DDTS150110.1650	1650	3300	1130	100	575	-
DDTS150110.1700	1700	3400	1100	100	600	-
DDTS150110.1750	1750	3500	1060	100	625	-
DDTS150110.1800	1800	3600	1000	100	650	-
DDTS150110.1850	1850	3700	940	100	675	-
DDTS150110.1900	1900	3800	880	100	700	-
DDTS150110.1950	1950	3900	820	100	725	-
DDTS150110.2000	2000	4000	760	100	750	-
DDTS150110.2100	2100	4200	640	100	800	-
DDTS150110.2200	2200	4400	520	100	850	-
DDTS150110.2300	2300	4600	400	100	900	-
DDTS150110.2400	2400	4800	280	100	950	-
DDTS150110.2500	2500	5000	160	100	1000	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

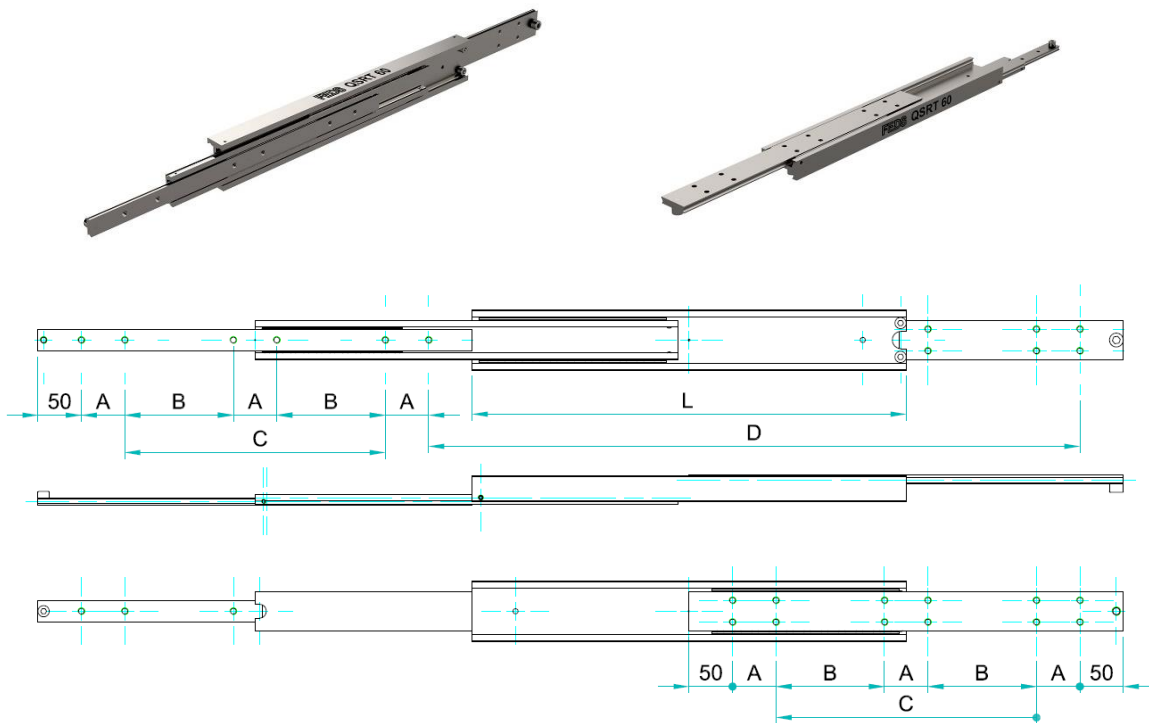
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

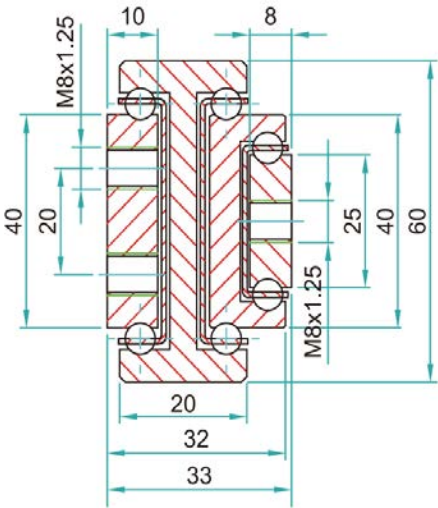
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



QSRT-6033weight 12.25 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
QSRT6033.0300	300	450	180	50	-	100
QSRT6033.0350	350	525	190	50	-	150
QSRT6033.0400	400	600	200	50	-	200
QSRT6033.0450	450	675	210	50	-	250
QSRT6033.0500	500	750	220	50	-	300
QSRT6033.0550	550	825	225	50	150	-
QSRT6033.0600	600	900	230	50	175	-
QSRT6033.0650	650	975	210	50	200	-
QSRT6033.0700	700	1050	190	50	225	-
QSRT6033.0750	750	1125	170	50	250	-
QSRT6033.0800	800	1200	160	50	275	-
QSRT6033.0850	850	1275	150	50	300	-
QSRT6033.0900	900	1350	140	50	325	-
QSRT6033.0950	950	1425	135	50	350	-
QSRT6033.1000	1000	1500	130	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

QSRT-6033 weight 12.25 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
QSRT6033.1050	1050	1575	125	50	400	-
QSRT6033.1100	1100	1650	120	50	425	-
QSRT6033.1150	1150	1725	115	50	450	-
QSRT6033.1200	1200	1800	110	50	475	-
QSRT6033.1250	1250	1875	105	50	500	-
QSRT6033.1300	1300	1950	100	50	525	-
QSRT6033.1350	1350	2025	95	50	550	-
QSRT6033.1400	1400	2100	90	50	575	-
QSRT6033.1450	1450	2175	85	50	600	-
QSRT6033.1500	1500	2250	80	50	625	-
QSRT6033.1550	1550	2325	75	50	650	-
QSRT6033.1600	1600	2400	70	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

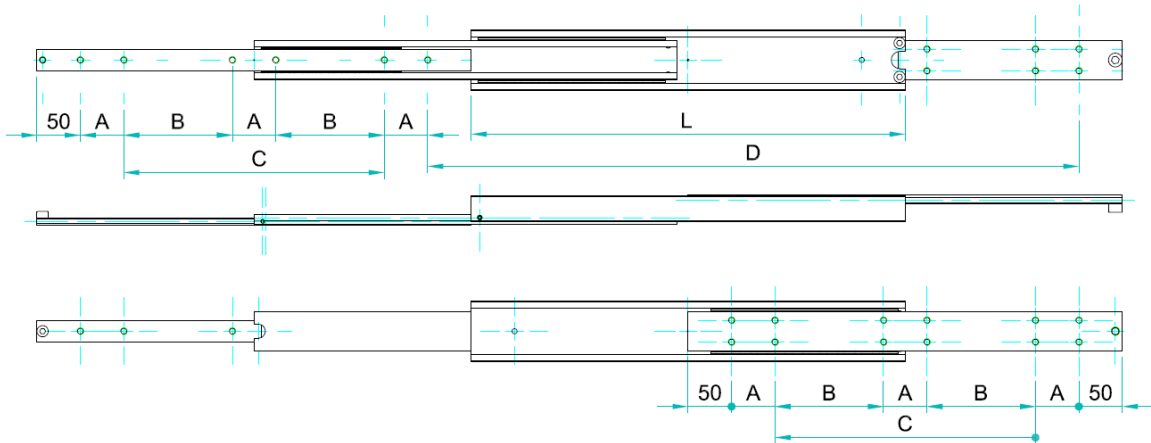
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

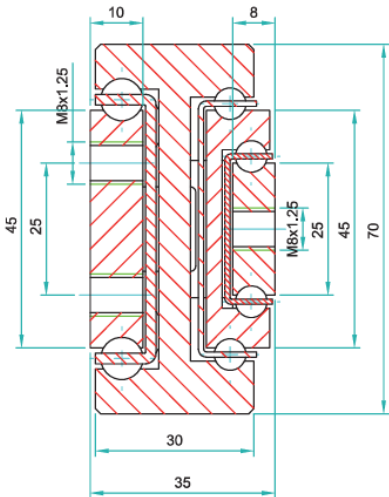
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



QSRT-7035 weight 13.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
QSRT7035.0300	300	450	260	50	-	100
QSRT7035.0350	350	525	270	50	-	150
QSRT7035.0400	400	600	280	50	-	200
QSRT7035.0450	450	675	285	50	-	250
QSRT7035.0500	500	750	295	50	-	300
QSRT7035.0550	550	825	305	50	150	-
QSRT7035.0600	600	900	310	50	175	-
QSRT7035.0650	650	975	300	50	200	-
QSRT7035.0700	700	1050	290	50	225	-
QSRT7035.0750	750	1125	280	50	250	-
QSRT7035.0800	800	1200	270	50	275	-
QSRT7035.0850	850	1275	260	50	300	-
QSRT7035.0900	900	1350	250	50	325	-
QSRT7035.0950	950	1425	240	50	350	-
QSRT7035.1000	1000	1500	230	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

QSRT-7035 weight 13.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
QSRT7035.1050	1050	1575	210	50	400	-
QSRT7035.1100	1100	1650	200	50	425	-
QSRT7035.1150	1150	1725	190	50	450	-
QSRT7035.1200	1200	1800	180	50	475	-
QSRT7035.1250	1250	1875	170	50	500	-
QSRT7035.1300	1300	1950	160	50	525	-
QSRT7035.1350	1350	2025	150	50	550	-
QSRT7035.1400	1400	2100	140	50	575	-
QSRT7035.1450	1450	2175	130	50	600	-
QSRT7035.1500	1500	2250	120	50	625	-
QSRT7035.1550	1550	2325	110	50	650	-
QSRT7035.1600	1600	2400	100	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

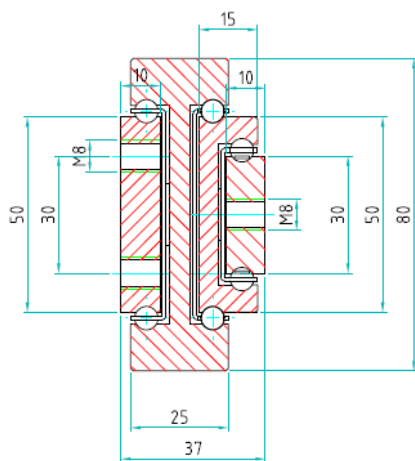
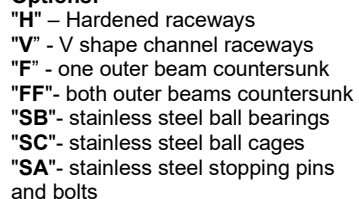
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





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**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

QSRT-8037 weight 12.25 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
QSRT8037.1050	1050	1575	300	50	400	-
QSRT8037.1100	1100	1650	290	50	425	-
QSRT8037.1150	1150	1725	280	50	450	-
QSRT8037.1200	1200	1800	270	50	475	-
QSRT8037.1250	1250	1875	260	50	500	-
QSRT8037.1300	1300	1950	250	50	525	-
QSRT8037.1350	1350	2025	240	50	550	-
QSRT8037.1400	1400	2100	220	50	575	-
QSRT8037.1450	1450	2175	210	50	600	-
QSRT8037.1500	1500	2250	195	50	625	-
QSRT8037.1550	1550	2325	180	50	650	-
QSRT8037.1600	1600	2400	165	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

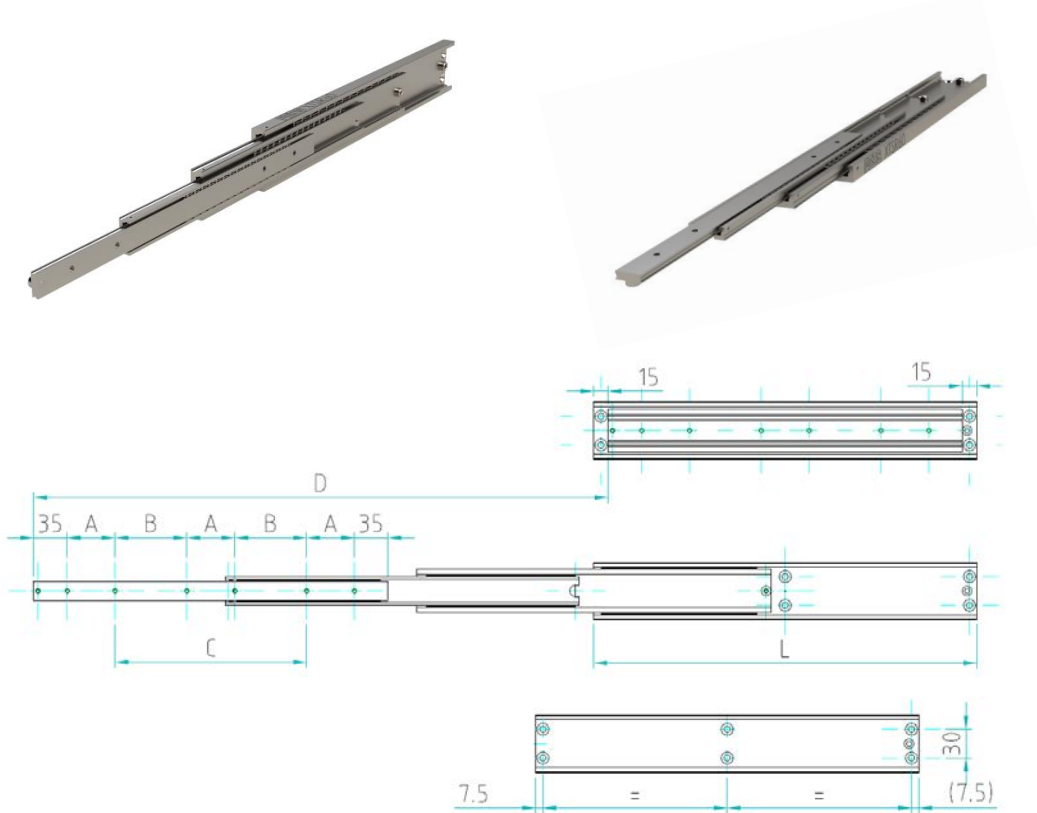
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

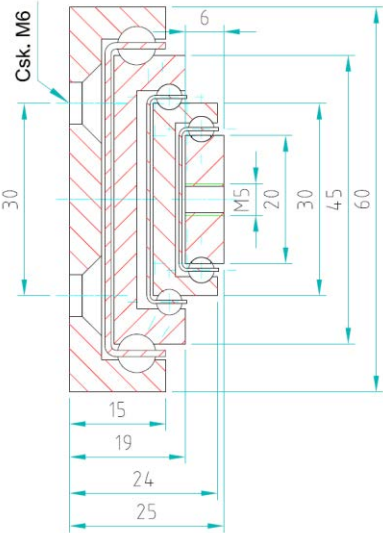
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





Options:
"H" – Hardened raceways
"V" - V shape channel raceways
"SB"- stainless steel ball bearings
"SC"- stainless steel ball cages
"SA"- stainless steel stopping pins and bolts



XTSR-6023 weights 7.08 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
XTSR6023.0250	250	375	215	50	-	50
XTSR6023.0300	300	450	220	50	-	100
XTSR6023.0350	350	525	225	50	-	150
XTSR6023.0400	400	600	230	50	-	200
XTSR6023.0450	450	675	235	50	-	250
XTSR6023.0500	500	750	240	50	-	300
XTSR6023.0550	550	825	220	50	150	-
XTSR6023.0600	600	900	200	50	175	-
XTSR6023.0650	650	975	190	50	200	-
XTSR6023.0700	700	1050	160	50	225	-
XTSR6023.0750	750	1125	140	50	250	-
XTSR6023.0800	800	1200	120	50	275	-
XTSR6023.0850	850	1275	100	50	300	-
XTSR6023.0900	900	1350	90	50	325	-
XTSR6023.0950	950	1425	80	50	350	-
XTSR6023.1000	1000	1500	70	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

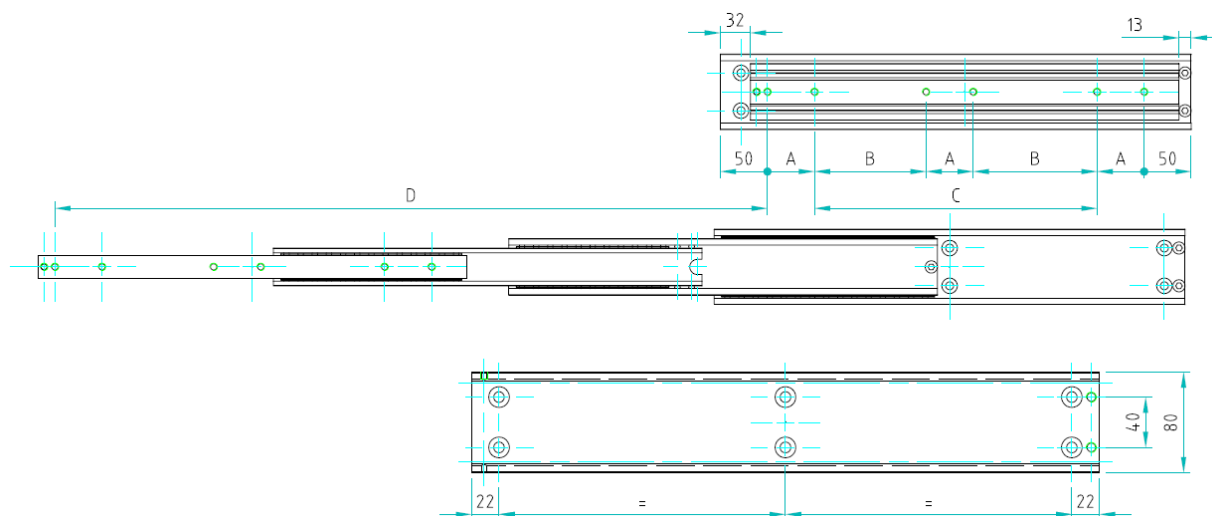
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

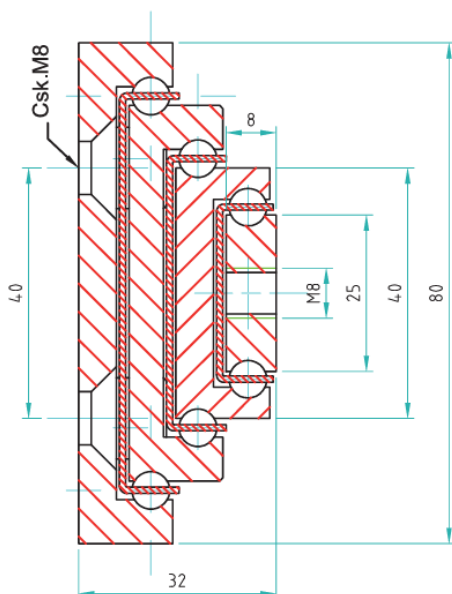
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



XTSR-8032 weights 11.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	“A”	“B”	“C”
XTSR8032.0300	300	450	310	50	-	100
XTSR8032.0350	350	525	315	50	-	150
XTSR8032.0400	400	600	320	50	-	200
XTSR8032.0450	450	675	325	50	-	250
XTSR8032.0500	500	750	330	50	-	300
XTSR8032.0550	550	825	335	50	150	-
XTSR8032.0600	600	900	340	50	175	-
XTSR8032.0650	650	975	320	50	200	-
XTSR8032.0700	700	1050	300	50	225	-
XTSR8032.0750	750	1125	280	50	250	-
XTSR8032.0800	800	1200	260	50	275	-
XTSR8032.0850	850	1275	240	50	300	-
XTSR8032.0900	900	1350	230	50	325	-
XTSR8032.0950	950	1425	220	50	350	-
XTSR8032.1000	1000	1500	210	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 - c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to - 0.6mm

XTSR-8032 weights 11.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
XTSR8032.1050	1050	1575	205	50	400	-
XTSR8032.1100	1100	1650	200	50	425	-
XTSR8032.1150	1150	1725	195	50	450	-
XTSR8032.1200	1200	1800	190	50	475	-
XTSR8032.1250	1250	1875	185	50	500	-
XTSR8032.1300	1300	1950	180	50	525	-
XTSR8032.1350	1350	2025	175	50	550	-
XTSR8032.1400	1400	2100	170	50	575	-
XTSR8032.1450	1450	2175	165	50	600	-
XTSR8032.1500	1300	2250	160	50	625	-
XTSR8032.1550	1350	2325	155	50	650	-
XTSR8032.1600	1400	2400	150	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

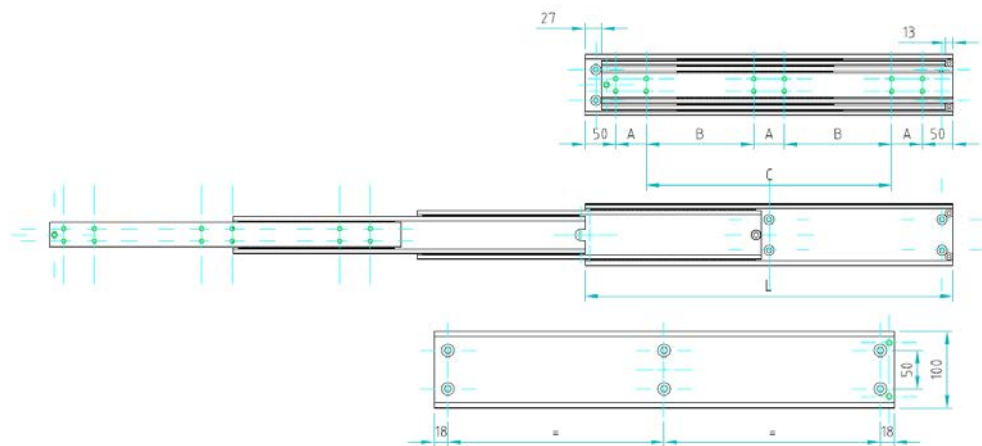
Temperature range: Steel slides -20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

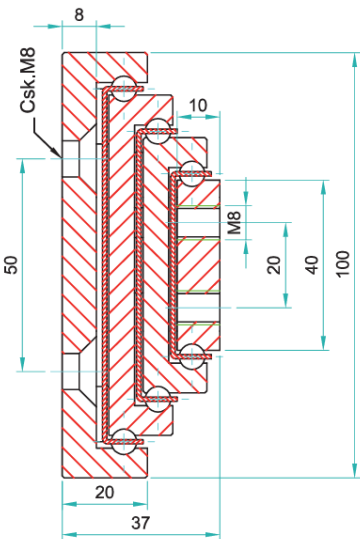
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





Options:
"H" – Hardened raceways
"V" - V shape channel raceways
"SB"- stainless steel ball bearings
"SC"- stainless steel ball cages
"SA"- stainless steel stopping pins and bolts



XTZR-10037 weights 19.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
XTZR10037.0300	300	450	355	50	-	100
XTZR10037.0350	350	525	360	50	-	150
XTZR10037.0400	400	600	365	50	-	200
XTZR10037.0450	450	675	370	50	-	250
XTZR10037.0500	500	750	375	50	-	300
XTZR10037.0550	550	825	380	50	-	350
XTZR10037.0600	600	900	385	50	-	400
XTZR10037.0650	650	975	380	50	200	-
XTZR10037.0700	700	1050	370	50	225	-
XTZR10037.0750	750	1125	360	50	250	-
XTZR10037.0800	800	1200	350	50	275	-
XTZR10037.0850	850	1275	340	50	300	-
XTZR10037.0900	900	1350	330	50	325	-
XTZR10037.0950	950	1425	320	50	350	-
XTZR10037.1000	1000	1500	310	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 - c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to - 0.6mm

XTSR-10037 weights 19.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
XTSR10037.1050	1050	1575	300	50	400	-
XTSR10037.1100	1100	1650	290	50	425	-
XTSR10037.1150	1150	1725	280	50	450	-
XTSR10037.1200	1200	1800	270	50	475	-
XTSR10037.1250	1250	1875	260	50	500	-
XTSR10037.1300	1300	1950	250	50	525	-
XTSR10037.1350	1350	2025	240	50	550	-
XTSR10037.1400	1400	2100	230	50	575	-
XTSR10037.1450	1450	2175	220	50	600	-
XTSR10037.1500	1300	1950	210	50	625	-
XTSR10037.1550	1350	2025	200	50	650	-
XTSR10037.1600	1400	2100	190	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

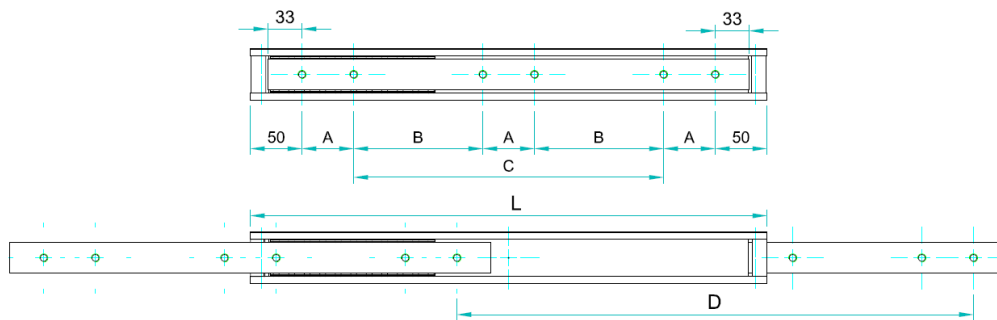
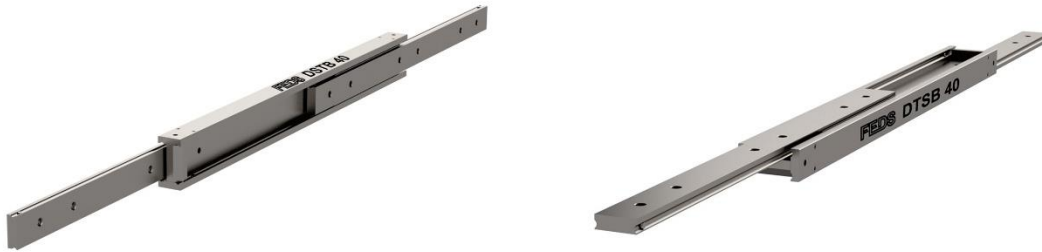
Temperature range: Steel slides -20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

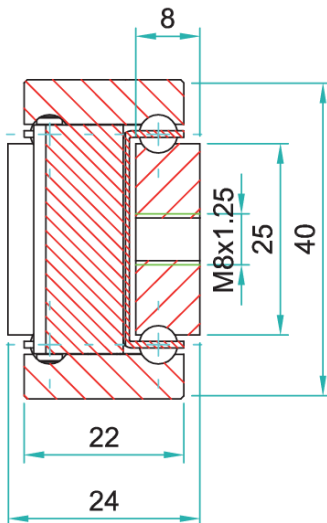
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins



DTSB-4024 weights 5.55 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB4024.0200	200	200	270	50	-	-
DTSB4024.0250	250	250	280	50	-	50
DTSB4024.0300	300	300	290	50	-	100
DTSB4024.0350	350	350	300	50	-	150
DTSB4024.0400	400	400	310	50	-	200
DTSB4024.0450	450	450	320	50	-	250
DTSB4024.0500	500	500	330	50	-	300
DTSB4024.0550	550	550	350	50	150	-
DTSB4024.0600	600	600	340	50	175	-
DTSB4024.0650	650	650	320	50	200	-
DTSB4024.0700	700	700	300	50	225	-
DTSB4024.0750	750	750	290	50	250	-
DTSB4024.0800	800	800	280	50	275	-
DTSB4024.0850	850	850	270	50	300	-
DTSB4024.0900	900	900	250	50	325	-
DTSB4024.0950	950	950	230	50	350	-
DTSB4024.1000	1000	1000	220	50	375	-
DTSB4024.1050	1050	1050	210	50	400	-
DTSB4024.1100	1100	1100	200	50	425	-
DTSB4024.1150	1150	1150	190	50	450	-
DTSB4024.1200	1200	1200	180	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTSB-4024 weights 5.55 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB4024.1250	1250	1250	170	50	500	-
DTSB4024.1300	1300	1300	160	50	525	-
DTSB4024.1350	1350	1350	155	50	550	-
DTSB4024.1400	1400	1400	150	50	575	-
DTSB4024.1450	1450	1450	145	50	600	-
DTSB4024.1500	1500	1500	140	50	625	-
DTSB4024.1550	1550	1550	130	50	650	-
DTSB4024.1600	1600	1600	120	50	675	-
DTSB4024.1650	1650	1650	110	50	700	-
DTSB4024.1700	1700	1700	100	100	650	-
DTSB4024.1750	1750	1750	90	100	675	-
DTSB4024.1800	1800	1800	80	100	700	-
DTSB4024.1850	1850	1850	70	100	725	-
DTSB4024.1900	1900	1900	60	100	750	-
DTSB4024.1950	1950	1950	50	100	775	-
DTSB4024.2000	2000	2000	40	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

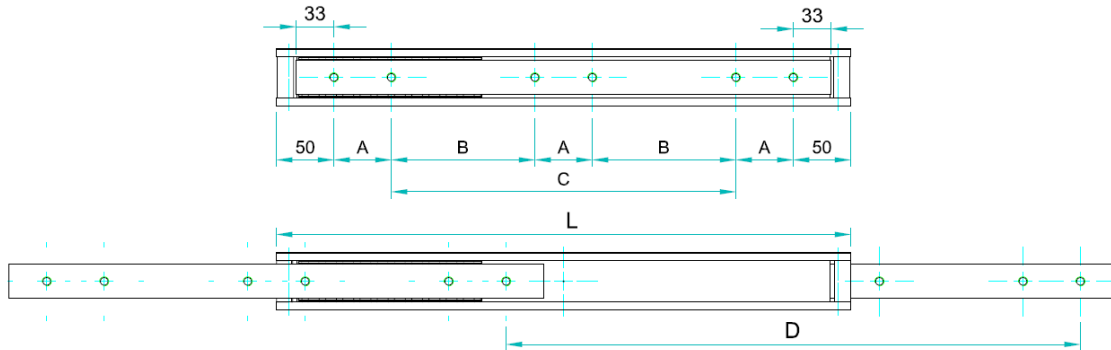
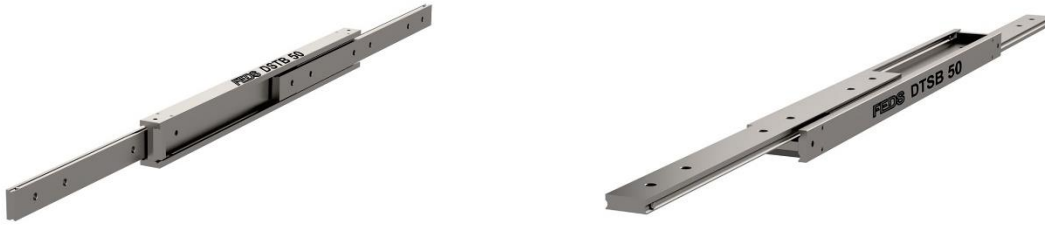
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

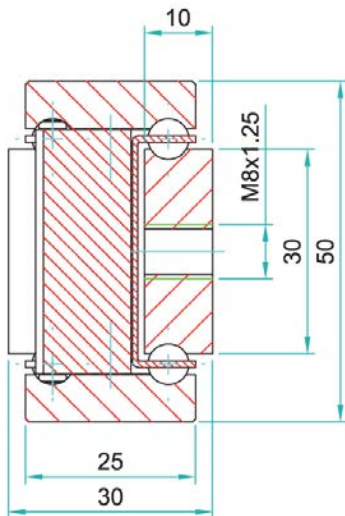
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse




Options:

"H" – Hardened raceways
 "V" - V shape channel raceways
 "F" - one outer beam countersunk
 "FF"- both outer beams countersunk
 "SB"- stainless steel ball bearings
 "SC"- stainless steel ball cages
 "SA"- stainless steel stopping pins and bolts



DTSB-5030 weights 8.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB5030.0200	200	200	340	50	-	-
DTSB5030.0250	250	250	350	50	-	50
DTSB5030.0300	300	300	360	50	-	100
DTSB5030.0350	350	350	370	50	-	150
DTSB5030.0400	400	400	380	50	-	200
DTSB5030.0450	450	450	390	50	-	250
DTSB5030.0500	500	500	400	50	-	300
DTSB5030.0550	550	550	410	50	150	-
DTSB5030.0600	600	600	420	50	175	-
DTSB5030.0650	650	650	410	50	200	-
DTSB5030.0700	700	700	400	50	225	-
DTSB5030.0750	750	750	390	50	250	-
DTSB5030.0800	800	800	380	50	275	-
DTSB5030.0850	850	850	370	50	300	-
DTSB5030.0900	900	900	360	50	325	-
DTSB5030.0950	950	950	350	50	350	-
DTSB5030.1000	1000	1000	340	50	375	-
DTSB5030.1050	1050	1050	330	50	400	-
DTSB5030.1100	1100	1100	320	50	425	-
DTSB5030.1150	1150	1150	310	50	450	-
DTSB5030.1200	1200	1200	290	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 – c

Installation width tolerance + 0.4 to – 0.6mm

DTSB-5030 weights 8.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB5030.1250	1250	1250	280	50	500	-
DTSB5030.1300	1300	1300	270	50	525	-
DTSB5030.1350	1350	1350	260	50	550	-
DTSB5030.1400	1400	1400	250	50	575	-
DTSB5030.1450	1450	1450	230	50	600	-
DTSB5030.1500	1500	1500	200	50	625	-
DTSB5030.1550	1550	1550	190	50	650	-
DTSB5030.1600	1600	1600	180	50	675	-
DTSB5030.1650	1650	1650	170	50	700	-
DTSB5030.1700	1700	1700	160	100	650	-
DTSB5030.1750	1750	1750	150	100	675	-
DTSB5030.1800	1800	1800	140	100	700	-
DTSB5030.1850	1850	1850	130	100	725	-
DTSB5030.1900	1900	1900	120	100	750	-
DTSB5030.1950	1950	1950	110	100	775	-
DTSB5030.2000	2000	2000	100	100	800	-
DTSB5030.2100	2100	2100	80	100	850	-
DTSB5030.2200	2200	2200	70	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

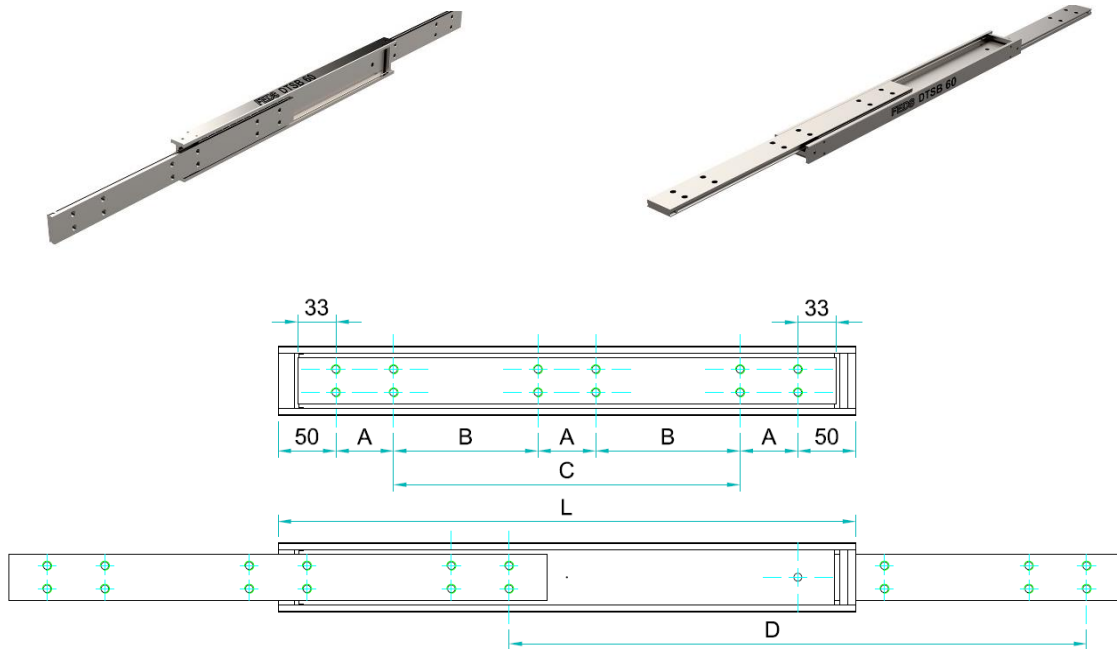
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

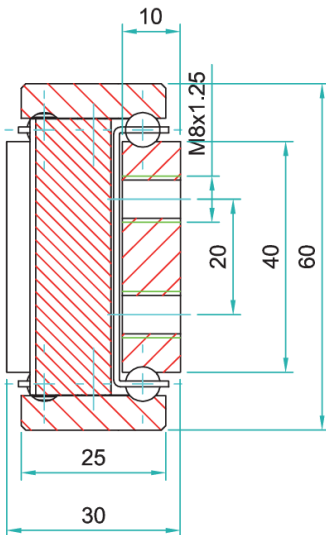
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse




Options:

"H" – Hardened raceways
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk
"SB"- stainless steel ball bearings
"SC"- stainless steel ball cages
"SA"- stainless steel stopping pins and bolts



DTSB-6030 weights 9.90 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB6030.0200	200	200	450	50	-	-
DTSB6030.0250	250	250	470	50	-	50
DTSB6030.0300	300	300	480	50	-	100
DTSB6030.0350	350	350	490	50	-	150
DTSB6030.0400	400	400	500	50	-	200
DTSB6030.0450	450	450	520	50	-	250
DTSB6030.0500	500	500	530	50	-	300
DTSB6030.0550	550	550	550	50	-	350
DTSB6030.0600	600	600	560	50	-	400
DTSB6030.0650	650	650	570	50	200	-
DTSB6030.0700	700	700	580	50	225	-
DTSB6030.0750	750	750	590	50	250	-
DTSB6030.0800	800	800	600	50	275	-
DTSB6030.0850	850	850	590	50	300	-
DTSB6030.0900	900	900	580	50	325	-
DTSB6030.0950	950	950	570	50	350	-
DTSB6030.1000	1000	1000	560	50	375	-
DTSB6030.1050	1050	1050	540	50	400	-
DTSB6030.1100	1100	1100	520	50	425	-
DTSB6030.1150	1150	1150	510	50	450	-
DTSB6030.1200	1200	1200	500	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTSB-6030 weights 9.90 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB6030.1250	1250	1250	480	50	500	-
DTSB6030.1300	1300	1300	460	50	525	-
DTSB6030.1350	1350	1350	440	50	550	-
DTSB6030.1400	1400	1400	420	50	575	-
DTSB6030.1450	1450	1450	400	50	600	-
DTSB6030.1500	1500	1500	380	50	625	-
DTSB6030.1550	1550	1550	350	50	650	-
DTSB6030.1600	1600	1600	330	50	675	-
DTSB6030.1650	1650	1650	310	50	700	-
DTSB6030.1700	1700	1700	290	100	650	-
DTSB6030.1750	1750	1750	280	100	675	-
DTSB6030.1800	1800	1800	260	100	700	-
DTSB6030.1850	1850	1850	240	100	725	-
DTSB6030.1900	1900	1900	220	100	750	-
DTSB6030.1950	1950	1950	200	100	775	-
DTSB6030.2000	2000	2000	180	100	800	-
DTSB6030.2100	2100	2100	170	100	850	-
DTSB6030.2200	2200	2200	150	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

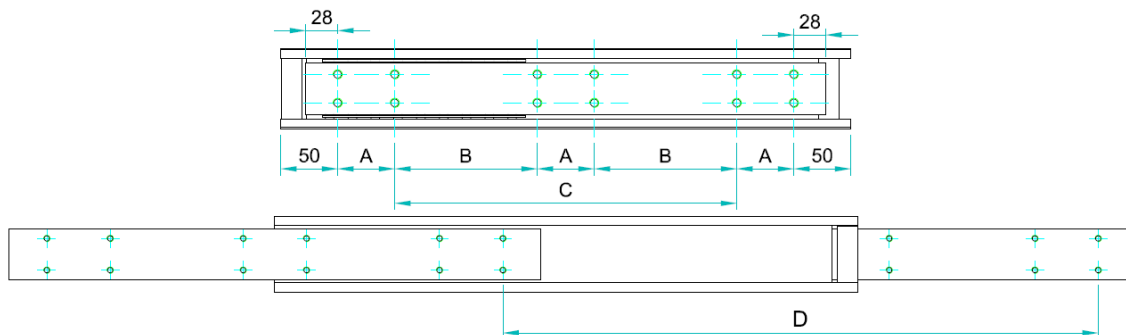
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

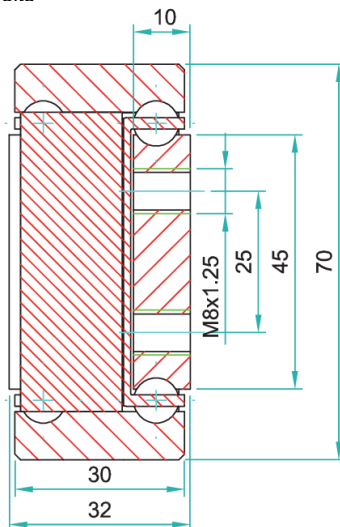
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DTSB-7032 weights 12.60 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB7032.0200	200	200	540	50	-	-
DTSB7032.0250	250	250	560	50	-	50
DTSB7032.0300	300	300	580	50	-	100
DTSB7032.0350	350	350	600	50	-	150
DTSB7032.0400	400	400	620	50	-	200
DTSB7032.0450	450	450	640	50	-	250
DTSB7032.0500	500	500	650	50	-	300
DTSB7032.0550	550	550	660	50	-	350
DTSB7032.0600	600	600	670	50	-	400
DTSB7032.0650	650	650	680	50	200	-
DTSB7032.0700	700	700	690	50	225	-
DTSB7032.0750	750	750	695	50	250	-
DTSB7032.0800	800	800	700	50	275	-
DTSB7032.0850	850	850	695	50	300	-
DTSB7032.0900	900	900	690	50	325	-
DTSB7032.0950	950	950	685	50	350	-
DTSB7032.1000	1000	1000	680	50	375	-
DTSB7032.1050	1050	1050	660	50	400	-
DTSB7032.1100	1100	1100	650	50	425	-
DTSB7032.1150	1150	1150	630	50	450	-
DTSB7032.1200	1200	1200	610	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTSB-7032 weights 12.60 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB7032.1250	1250	1250	600	50	500	-
DTSB7032.1300	1300	1300	580	50	525	-
DTSB7032.1350	1350	1350	550	50	550	-
DTSB7032.1400	1400	1400	520	50	575	-
DTSB7032.1450	1450	1450	490	50	600	-
DTSB7032.1500	1500	1500	460	50	625	-
DTSB7032.1550	1550	1550	420	50	650	-
DTSB7032.1600	1600	1600	380	50	675	-
DTSB7032.1650	1650	1650	350	50	700	-
DTSB7032.1700	1700	1700	340	100	650	-
DTSB7032.1750	1750	1750	315	100	675	-
DTSB7032.1800	1800	1800	300	100	700	-
DTSB7032.1850	1850	1850	280	100	725	-
DTSB7032.1900	1900	1900	255	100	750	-
DTSB7032.1950	1950	1950	240	100	775	-
DTSB7032.2000	2000	2000	220	100	800	-
DTSB7032.2100	2100	2100	200	100	850	-
DTSB7032.2200	2200	2200	180	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

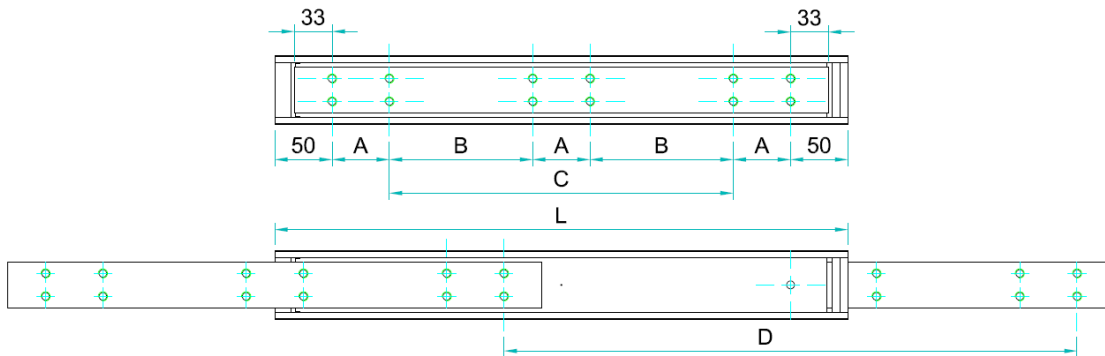
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

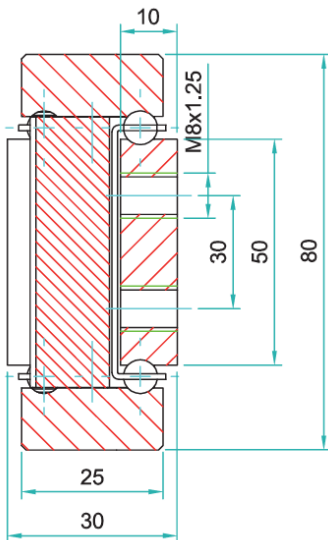
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DTSB-8030 weights 14.20 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB8030.0200	200	200	600	50	-	-
DTSB8030.0250	250	250	620	50	-	50
DTSB8030.0300	300	300	640	50	-	100
DTSB8030.0350	350	350	680	50	-	150
DTSB8030.0400	400	400	720	50	-	200
DTSB8030.0450	450	450	760	50	-	250
DTSB8030.0500	500	500	830	50	-	300
DTSB8030.0550	550	550	850	50	-	350
DTSB8030.0600	600	600	860	50	-	400
DTSB8030.0650	650	650	865	50	200	-
DTSB8030.0700	700	700	875	50	225	-
DTSB8030.0750	750	750	880	50	250	-
DTSB8030.0800	800	800	870	50	275	-
DTSB8030.0850	850	850	860	50	300	-
DTSB8030.0900	900	900	850	50	325	-
DTSB8030.0950	950	950	840	50	350	-
DTSB8030.1000	1000	1000	820	50	375	-
DTSB8030.1050	1050	1050	800	50	400	-
DTSB8030.1100	1100	1100	780	50	425	-
DTSB8030.1150	1150	1150	760	50	450	-
DTSB8030.1200	1200	1200	740	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated at approx. 2% of the closed length, at or near full load

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTSB-8030 weights 14.20 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB8030.1250	1250	1250	740	50	500	-
DTSB8030.1300	1300	1300	720	50	525	-
DTSB8030.1350	1350	1350	690	50	550	-
DTSB8030.1400	1400	1400	660	50	575	-
DTSB8030.1450	1450	1450	630	50	600	-
DTSB8030.1500	1500	1500	600	50	625	-
DTSB8030.1550	1550	1550	580	50	650	-
DTSB8030.1600	1600	1600	540	50	675	-
DTSB8030.1650	1650	1650	520	50	700	-
DTSB8030.1700	1700	1700	490	100	650	-
DTSB8030.1750	1750	1750	450	100	675	-
DTSB8030.1800	1800	1800	400	100	700	-
DTSB8030.1850	1850	1850	360	100	725	-
DTSB8030.1900	1900	1900	320	100	750	-
DTSB8030.1950	1950	1950	280	100	775	-
DTSB8030.2000	2000	2000	250	100	800	-
DTSB8030.2100	2100	2100	230	100	850	-
DTSB8030.2200	2200	2200	210	100	900	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

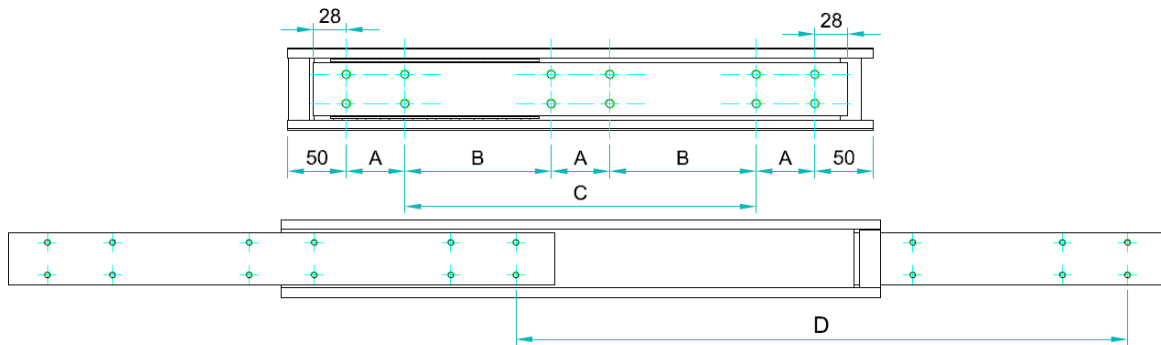
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

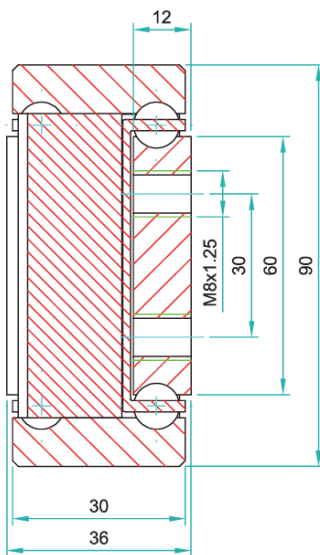
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse




Options:

"H" – Hardened raceways
 "V" - V shape channel raceways
 "F" - one outer beam countersunk
 "FF"- both outer beams countersunk
 "SB"- stainless steel ball bearings
 "SC"- stainless steel ball cages
 "SA"- stainless steel stopping pins and bolts



DTSB-9036 weights 17.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB9036.0200	200	200	650	50	-	-
DTSB9036.0250	250	250	720	50	-	50
DTSB9036.0300	300	300	780	50	-	100
DTSB9036.0350	350	350	830	50	-	150
DTSB9036.0400	400	400	860	50	-	200
DTSB9036.0450	450	450	890	50	-	250
DTSB9036.0500	500	500	940	50	-	300
DTSB9036.0550	550	550	960	50	-	350
DTSB9036.0600	600	600	980	50	-	400
DTSB9036.0650	650	650	1000	50	200	-
DTSB9036.0700	700	700	1030	50	225	-
DTSB9036.0750	750	750	1040	50	250	-
DTSB9036.0800	800	800	1050	50	275	-
DTSB9036.0850	850	850	1045	50	300	-
DTSB9036.0900	900	900	1030	50	325	-
DTSB9036.0950	950	950	1015	50	350	-
DTSB9036.1000	1000	1000	995	50	375	-
DTSB9036.1050	1050	1050	980	50	400	-
DTSB9036.1100	1100	1100	950	50	425	-
DTSB9036.1150	1150	1150	920	50	450	-
DTSB9036.1200	1200	1200	900	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTSB-9036 weights 17.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB9036.1250	1250	1250	880	50	500	-
DTSB9036.1300	1300	1300	850	50	525	-
DTSB9036.1350	1350	1350	820	50	550	-
DTSB9036.1400	1400	1400	790	50	575	-
DTSB9036.1450	1450	1450	740	50	600	-
DTSB9036.1500	1500	1500	710	50	625	-
DTSB9036.1550	1550	1550	690	50	650	-
DTSB9036.1600	1600	1600	660	50	675	-
DTSB9036.1650	1650	1650	640	50	700	-
DTSB9036.1700	1700	1700	620	100	650	-
DTSB9036.1750	1750	1750	580	100	675	-
DTSB9036.1800	1800	1800	540	100	700	-
DTSB9036.1850	1850	1850	500	100	725	-
DTSB9036.1900	1900	1900	470	100	750	-
DTSB9036.1950	1950	1950	440	100	775	-
DTSB9036.2000	2000	2000	420	100	800	-
DTSB9036.2100	2100	2100	410	100	850	-
DTSB9036.2200	2200	2200	400	100	900	-
DTSB9036.2300	2300	2300	360	100	950	-
DTSB9036.2400	2400	2400	340	100	1000	-
DTSB9036.2500	2500	2500	320	100	1050	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

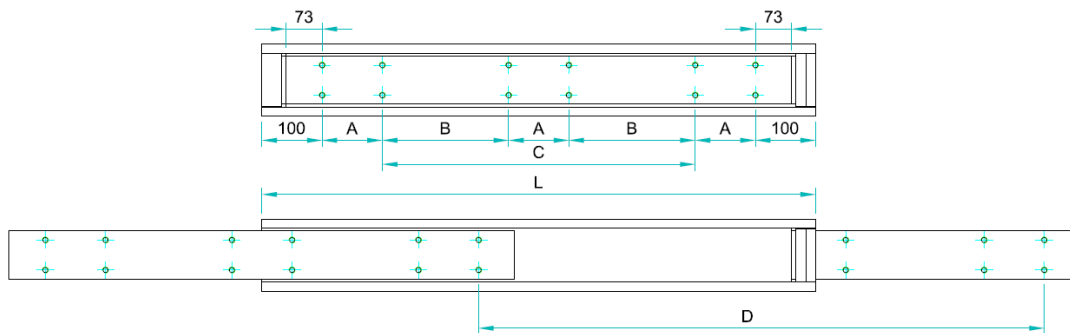
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

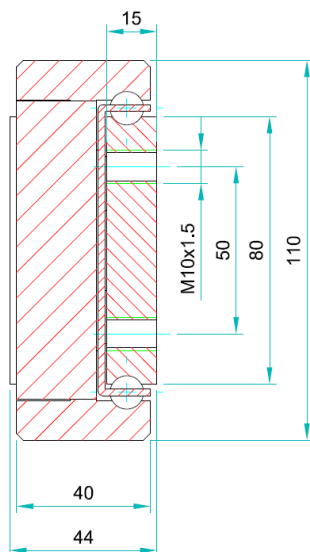
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse




Options:

- "H" – Hardened raceways
- "V" – V shape channel raceways
- "F" – one outer beam countersunk
- "FF" – both outer beams countersunk
- "SB" – stainless steel ball bearings
- "SC" – stainless steel ball cages
- "SA" – stainless steel stopping pins and bolts



DTSB-11044 weights 27.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB11044.0300	300	300	1430	100	-	-
DTSB11044.0350	350	350	1485	50	-	50
DTSB11044.0400	400	400	1540	50	-	100
DTSB11044.0450	450	450	1600	50	-	150
DTSB11044.0500	500	500	1650	50	-	200
DTSB11044.0550	550	550	1700	50	-	250
DTSB11044.0600	600	600	1740	50	-	300
DTSB11044.0650	650	650	1780	50	150	-
DTSB11044.0700	700	700	1800	50	175	-
DTSB11044.0750	750	750	1780	50	200	-
DTSB11044.0800	800	800	1760	100	150	-
DTSB11044.0850	850	850	1730	100	175	-
DTSB11044.0900	900	900	1690	100	200	-
DTSB11044.0950	950	950	1660	100	225	-
DTSB11044.1000	1000	1000	1630	100	250	-
DTSB11044.1050	1050	1050	1600	100	275	-
DTSB11044.1100	1100	1100	1560	100	300	-
DTSB11044.1150	1150	1150	1530	100	325	-
DTSB11044.1200	1200	1200	1500	100	350	-
DTSB11044.1250	1250	1250	1470	100	375	-
DTSB11044.1300	1300	1300	1440	100	400	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTSB-11044 weights 27.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB11044.1350	1350	1350	1400	100	425	-
DTSB11044.1400	1400	1400	1360	100	450	-
DTSB11044.1450	1450	1450	1320	100	475	-
DTSB11044.1500	1500	1500	1280	100	500	-
DTSB11044.1550	1550	1550	1240	100	525	-
DTSB11044.1600	1600	1600	1200	100	550	-
DTSB11044.1650	1650	1650	1160	100	575	-
DTSB11044.1700	1700	1700	1100	100	600	-
DTSB11044.1750	1750	1750	1060	100	625	-
DTSB11044.1800	1800	1800	1000	100	650	-
DTSB11044.1850	1850	1850	960	100	675	-
DTSB11044.1900	1900	1900	910	100	700	-
DTSB11044.1950	1950	1950	860	100	725	-
DTSB11044.2000	2000	2000	800	100	750	-
DTSB11044.2100	2100	2100	720	100	80	-
DTSB11044.2200	2200	2200	680	100	850	-
DTSB11044.2300	2300	2300	600	100	900	-
DTSB11044.2400	2400	2400	540	100	950	-
DTSB11044.2500	2500	2500	480	100	1000	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

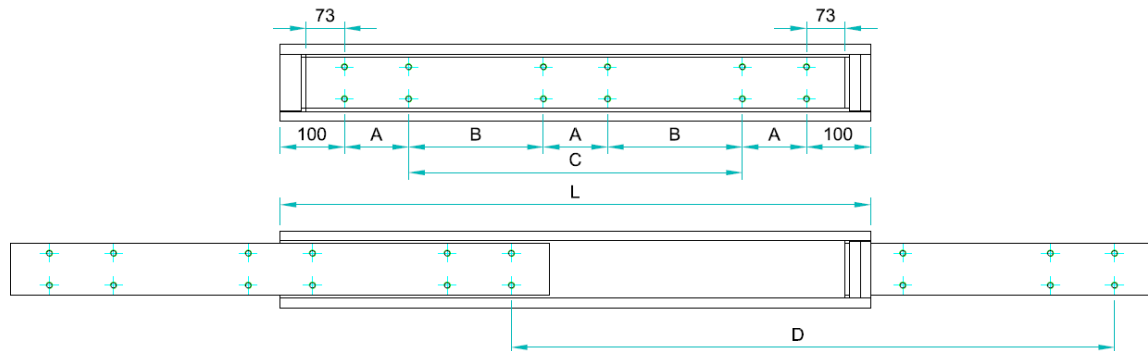
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

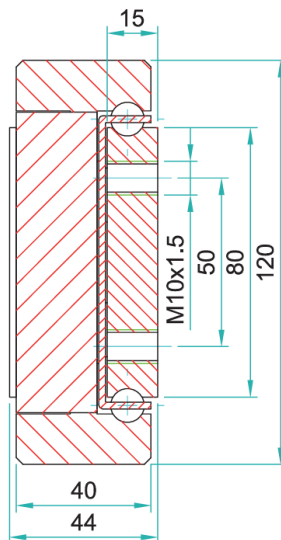
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse



**Options:**

"H" – Hardened raceways
 "V" – V shape channel raceways
 "F" – one outer beam countersunk
 "FF" – both outer beams countersunk
 "SB" – stainless steel ball bearings
 "SC" – stainless steel ball cages
 "SA" – stainless steel stopping pins and bolts



DTSB-12044 weights 30.77 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB12044.0300	300	300	1480	100	-	-
DTSB12044.0350	350	350	1560	50	-	50
DTSB12044.0400	400	400	1640	50	-	100
DTSB12044.0450	450	450	1720	50	-	150
DTSB12044.0500	500	500	1760	50	-	200
DTSB12044.0550	550	550	1820	50	-	250
DTSB12044.0600	600	600	1850	50	-	300
DTSB12044.0650	650	650	1870	50	150	-
DTSB12044.0700	700	700	1890	50	175	-
DTSB12044.0750	750	750	1860	50	200	-
DTSB12044.0800	800	800	1840	100	150	-
DTSB12044.0850	850	850	1820	100	175	-
DTSB12044.0900	900	900	1790	100	200	-
DTSB12044.0950	950	950	1760	100	225	-
DTSB12044.1000	1000	1000	1730	100	250	-
DTSB12044.1050	1050	1050	1700	100	275	-
DTSB12044.1100	1100	1100	1660	100	300	-
DTSB12044.1150	1150	1150	1630	100	325	-
DTSB12044.1200	1200	1200	1600	100	350	-
DTSB12044.1250	1250	1250	1570	100	375	-
DTSB12044.1300	1300	1300	1540	100	400	-
DTSB12044.1350	1350	1350	1500	100	425	-
DTSB12044.1400	1400	1400	1460	100	450	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DTSB-12044 weights 30.77 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DTSB12044.1450	1450	1450	1410	100	475	-
DTSB12044.1500	1500	1500	1370	100	500	-
DTSB12044.1550	1550	1550	1320	100	525	-
DTSB12044.1600	1600	1600	1280	100	550	-
DTSB12044.1650	1650	1650	1230	100	575	-
DTSB12044.1700	1700	1700	1180	100	600	-
DTSB12044.1750	1750	1750	1130	100	625	-
DTSB12044.1800	1800	1800	1080	100	650	-
DTSB12044.1850	1850	1850	1030	100	675	-
DTSB12044.1900	1900	1900	980	100	700	-
DTSB12044.1950	1950	1950	920	100	725	-
DTSB12044.2000	2000	2000	860	100	750	-
DTSB12044.2100	2100	2100	800	100	800	-
DTSB12044.2200	2200	2200	740	100	850	-
DTSB12044.2300	2300	2300	680	100	900	-
DTSB12044.2400	2400	2400	620	100	950	-
DTSB12044.2500	2500	2500	560	100	1000	-
DTSB12044.2600	2600	2600	500	100	1050	-
DTSB12044.2700	2700	2700	440	100	1100	-
DTSB12044.2800	2800	2800	380	100	1150	-
DTSB12044.2900	2900	2900	320	100	1200	-
DTSB12044.3000	3000	3000	260	100	1250	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns), conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

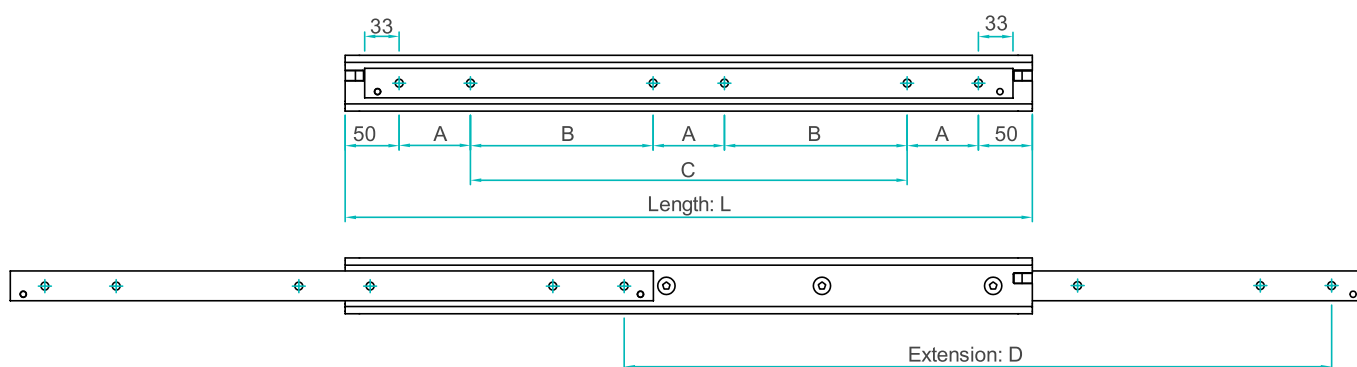
Temperature range: Steel slides -20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

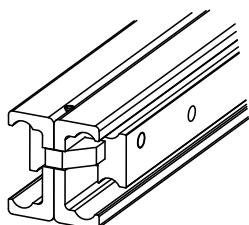
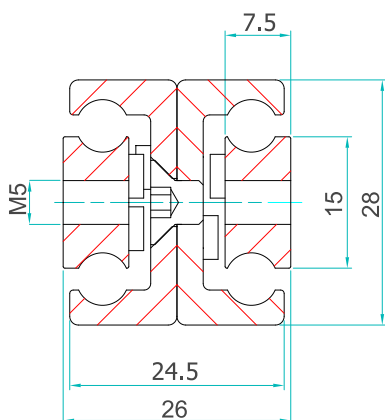
Thread pitches: As per end profile image - coarse





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



- Rocker device

NDOWSB2826-A weighs 4.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWSB2826-A.0200	200	200	50	50	-	-
NDOWSB2826-A.0250	250	250	60	50	-	50
NDOWSB2826-A.0300	300	300	70	50	-	100
NDOWSB2826-A.0350	350	350	80	50	-	150
NDOWSB2826-A.0400	400	400	90	50	-	200
NDOWSB2826-A.0450	450	450	120	50	-	250
NDOWSB2826-A.0500	500	500	150	50	-	300
NDOWSB2826-A.0550	550	550	175	50	150	-
NDOWSB2826-A.0600	600	600	170	50	175	-
NDOWSB2826-A.0650	650	650	165	50	200	-
NDOWSB2826-A.0700	700	700	140	50	225	-
NDOWSB2826-A.0750	750	750	135	50	250	-
NDOWSB2826-A.0800	800	800	120	50	275	-
NDOWSB2826-A.0850	850	850	110	50	300	-
NDOWSB2826-A.0900	900	900	100	50	325	-
NDOWSB2826-A.0950	950	950	95	50	350	-
NDOWSB2826-A.1000	1000	1000	90	50	375	-
NDOWSB2826-A.1050	1050	1050	80	50	400	-
NDOWSB2826-A.1100	1100	1100	70	50	425	-
NDOWSB2826-A.1150	1150	1150	60	50	450	-
NDOWSB2826-A.1200	1200	1200	50	50	475	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

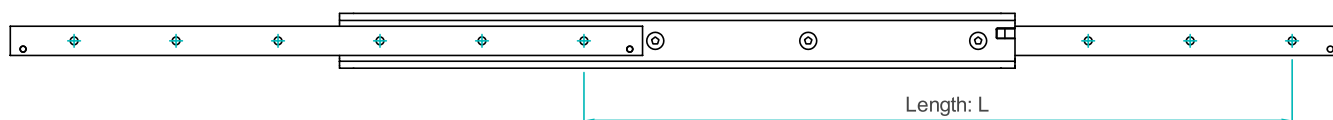
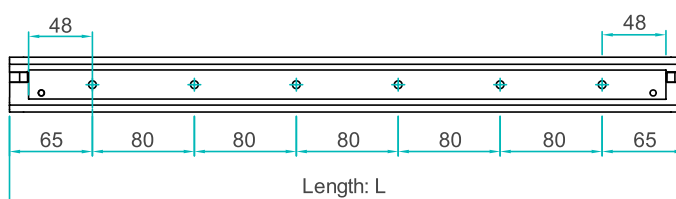


Important Safety Notice

Do not disassemble the slide!

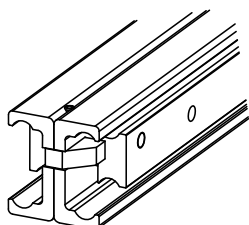
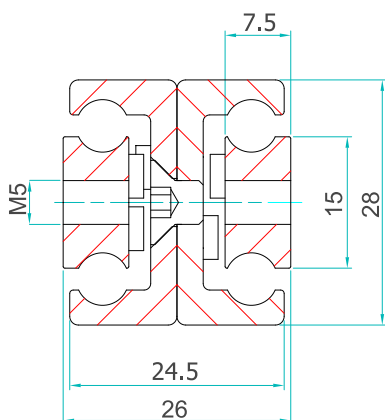
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



- Rocker device

NDOWSB2826 - B weighs 4.3 kg/m

Article number	Installation length: L	Extension length: D	Load per pair: kg	No. of holes
NDOWSB2826-B.0130	130	148	40	2
NDOWSB2826-B.0210	210	232	55	3
NDOWSB2826-B.0290	290	296	65	4
NDOWSB2826-B.0370	370	382	80	5
NDOWSB2826-B.0450	450	464	120	6
NDOWSB2826-B.0530	530	548	170	7
NDOWSB2826-B.0610	610	633	160	8
NDOWSB2826-B.0690	690	717	150	9
NDOWSB2826-B.0770	770	801	130	10
NDOWSB2826-B.0850	850	866	110	11
NDOWSB2826-B.0930	930	950	100	12
NDOWSB2826-B.1010	1010	1034	85	13
NDOWSB2826-B.1090	1090	1118	75	14
NDOWSB2826-B.1170	1170	1202	60	15

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

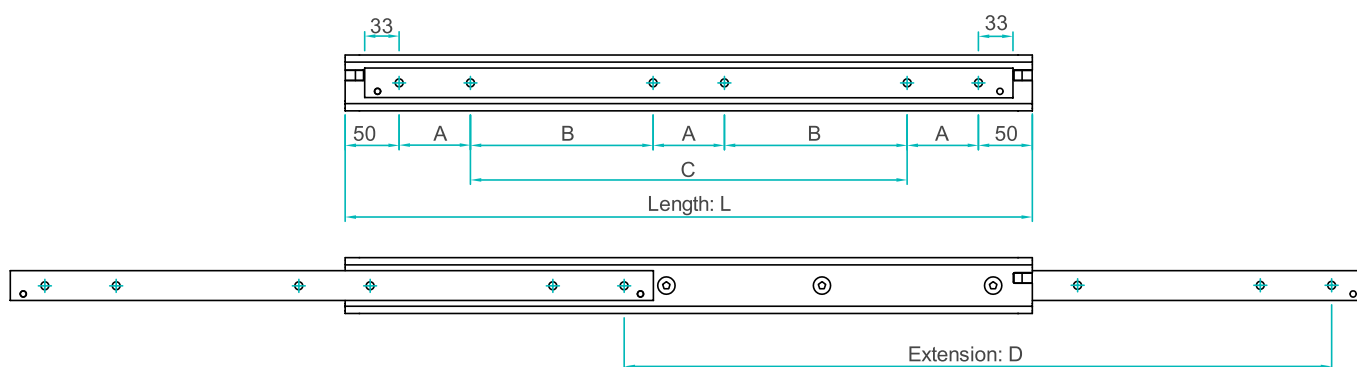


Important Safety Notice

Do not disassemble the slide!

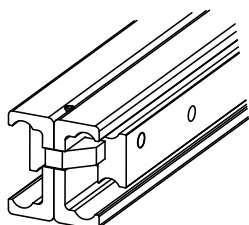
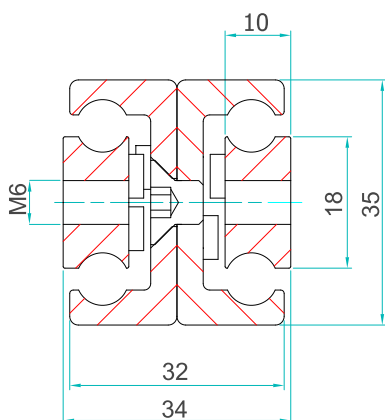
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



- Rocker device

NDOWSB3534-A weighs 6.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWSB3534-A.0200	200	200	90	50	-	-
NDOWSB3534-A.0250	250	250	150	50	-	50
NDOWSB3534-A.0300	300	300	180	50	-	100
NDOWSB3534-A.0350	350	350	200	50	-	150
NDOWSB3534-A.0400	400	400	230	50	-	200
NDOWSB3534-A.0450	450	450	250	50	-	250
NDOWSB3534-A.0500	500	500	320	50	-	300
NDOWSB3534-A.0550	550	550	360	50	150	-
NDOWSB3534-A.0600	600	600	380	50	175	-
NDOWSB3534-A.0650	650	650	350	50	200	-
NDOWSB3534-A.0700	700	700	330	50	225	-
NDOWSB3534-A.0750	750	750	310	50	250	-
NDOWSB3534-A.0800	800	800	290	50	275	-
NDOWSB3534-A.0850	850	850	270	50	300	-
NDOWSB3534-A.0900	900	900	250	50	325	-
NDOWSB3534-A.0950	950	950	230	50	350	-
NDOWSB3534-A.1000	1000	1000	210	50	375	-
NDOWSB3534-A.1050	1050	1050	190	50	400	-
NDOWSB3534-A.1100	1100	1100	170	50	425	-
NDOWSB3534-A.1150	1150	1150	165	50	450	-
NDOWSB3534-A.1200	1200	1200	160	50	475	-

NDOWSB3534-A weighs 6.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWSB3534-A.01250	1250	1250	155	50	500	-
NDOWSB3534-A.01300	1300	1300	140	50	525	-
NDOWSB3534-A.01350	1350	1350	130	50	550	-
NDOWSB3534-A.01400	1400	1400	120	50	575	-
NDOWSB3534-A.01450	1450	1450	110	50	600	-
NDOWSB3534-A.01500	1500	1500	90	50	625	-
NDOWSB3534-A.01550	1550	1550	80	50	650	-
NDOWSB3534-A.01600	1600	1600	70	50	675	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from –20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

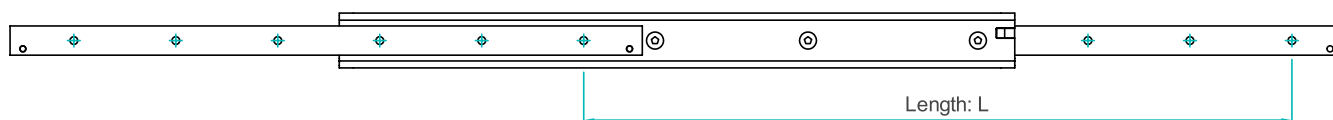
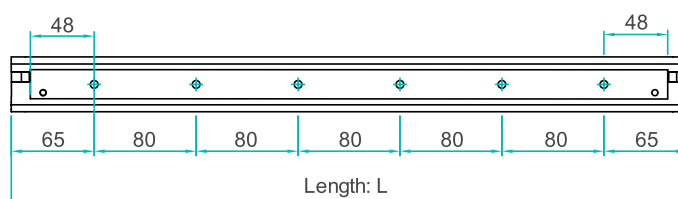


Important Safety Notice

Do not disassemble the slide!

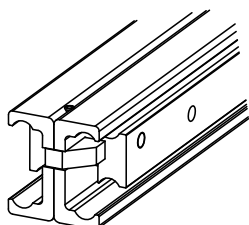
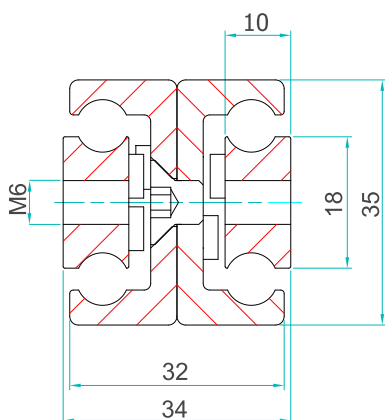
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



- Rocker device

NDOWSB3534-B weighs 6.8 kg/m

Article number	Installation length: L	Extension length: D	Load per pair: kg	No. of holes
NDOWSB3534-B.0210	210	256	90	3
NDOWSB3534-B.0290	290	316	175	4
NDOWSB3534-B.0370	370	404	210	5
NDOWSB3534-B.0450	450	496	250	6
NDOWSB3534-B.0530	530	556	360	7
NDOWSB3534-B.0610	610	648	380	8
NDOWSB3534-B.0690	690	736	345	9
NDOWSB3534-B.0770	770	796	310	10
NDOWSB3534-B.0850	850	888	270	11
NDOWSB3534-B.0930	930	976	235	12
NDOWSB3534-B.1010	1010	1036	205	13
NDOWSB3534-B.1090	1090	1124	170	14
NDOWSB3534-B.1170	1170	1216	160	15
NDOWSB3534-B.1250	1250	1276	155	16
NDOWSB3534-B.1330	1330	1364	130	17
NDOWSB3534-B.1410	1410	1456	110	18
NDOWSB3534-B.1490	1490	1516	90	19

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

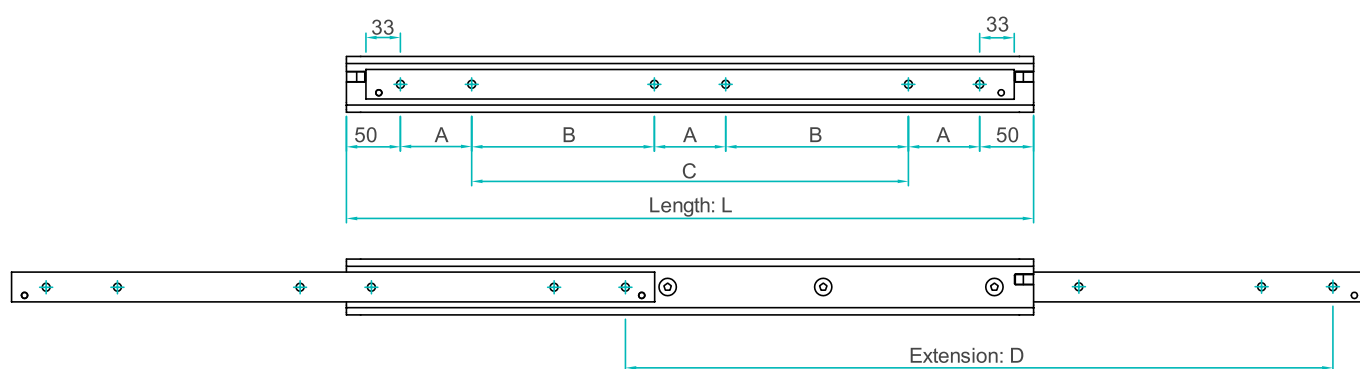


Important Safety Notice

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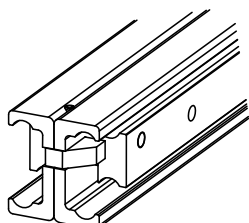
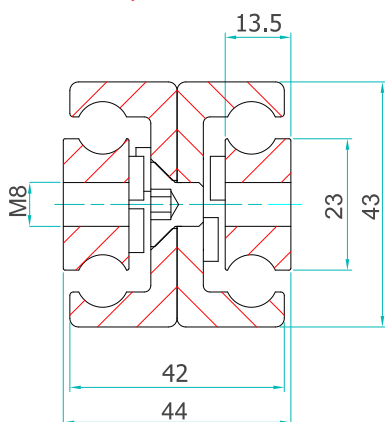
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



- Rocker device

NDOWSB4344-A weighs 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWSB4344-A.0200	200	200	105	50	-	-
NDOWSB4344-A.0250	250	250	180	50	-	50
NDOWSB4344-A.0300	300	300	215	50	-	100
NDOWSB4344-A.0350	350	350	245	50	-	150
NDOWSB4344-A.0400	400	400	320	50	-	200
NDOWSB4344-A.0450	450	450	355	50	-	250
NDOWSB4344-A.0500	500	500	430	50	-	300
NDOWSB4344-A.0550	550	550	480	50	150	-
NDOWSB4344-A.0600	600	600	570	50	175	-
NDOWSB4344-A.0650	650	650	590	50	200	-
NDOWSB4344-A.0700	700	700	620	50	225	-
NDOWSB4344-A.0750	750	750	610	50	250	-
NDOWSB4344-A.0800	800	800	590	50	275	-
NDOWSB4344-A.0850	850	850	565	50	300	-
NDOWSB4344-A.0900	900	900	530	50	325	-
NDOWSB4344-A.0950	950	950	500	50	350	-
NDOWSB4344-A.1000	1000	1000	460	50	375	-
NDOWSB4344-A.1050	1050	1050	430	50	400	-
NDOWSB4344-A.1100	1100	1100	410	50	425	-
NDOWSB4344-A.1150	1150	1150	395	50	450	-
NDOWSB4344-A.1200	1200	1200	385	50	475	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

NDOWSB4344-A weighs 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDOWSB4344-A.1250	1250	1250	380	50	500	-
NDOWSB4344-A.1300	1300	1300	370	50	525	-
NDOWSB4344-A.1350	1350	1350	360	50	550	-
NDOWSB4344-A.1400	1400	1400	340	50	575	-
NDOWSB4344-A.1450	1450	1450	330	50	600	-
NDOWSB4344-A.1500	1500	1500	300	50	625	-
NDOWSB4344-A.1550	1550	1550	270	50	650	-
NDOWSB4344-A.1600	1600	1600	250	50	675	-
NDOWSB4344-A.1650	1650	1650	230	50	700	-
NDOWSB4344-A.1700	1700	1700	220	100	650	-
NDOWSB4344-A.1750	1750	1750	200	100	675	-
NDOWSB4344-A.1800	1800	1800	195	100	700	-
NDOWSB4344-A.1850	1850	1850	180	100	725	-
NDOWSB4344-A.1900	1900	1900	170	100	750	-
NDOWSB4344-A.1950	1950	1950	160	100	775	-
NDOWSB4344-A.2000	2000	2000	155	100	800	-

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

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Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

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Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

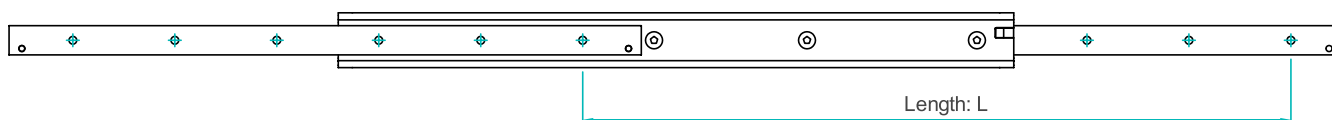
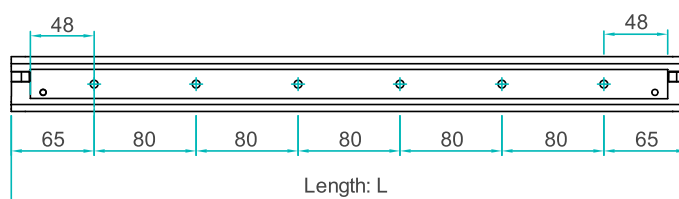


Important Safety Notice

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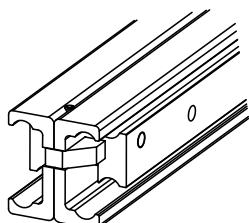
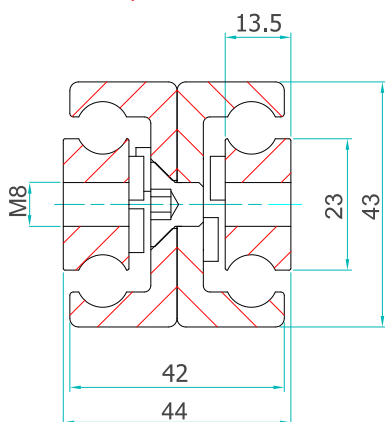
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Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



- Roller device

NDOWSB4344-B weighs 10.8 kg/m

Article number	Installation length: L	Extension length: D	Load per pair: kg	No. of holes
NDOWSB4344-B.0210	210	244	110	3
NDOWSB4344-B.0290	290	314	210	4
NDOWSB4344-B.0370	370	414	250	5
NDOWSB4344-B.0450	450	484	355	6
NDOWSB4344-B.0530	530	554	470	7
NDOWSB4344-B.0610	610	624	580	8
NDOWSB4344-B.0690	690	724	610	9
NDOWSB4344-B.0770	770	794	600	10
NDOWSB4344-B.0850	850	864	575	11
NDOWSB4344-B.0930	930	964	500	12
NDOWSB4344-B.1010	1010	1034	450	13
NDOWSB4344-B.1090	1090	1104	410	14
NDOWSB4344-B.1170	1170	1204	395	15
NDOWSB4344-B.1250	1250	1274	380	16
NDOWSB4344-B.1330	1330	1374	365	17
NDOWSB4344-B.1410	1410	1444	340	18
NDOWSB4344-B.1490	1490	1514	300	19
NDOWSB4344-B.1570	1570	1584	265	20
NDOWSB4344-B.1650	1650	1684	230	21
NDOWSB4344-B.1730	1730	1754	210	22
NDOWSB4344-B.1810	1810	1854	195	23
NDOWSB4344-B.1890	1890	1924	180	24
NDOWSB4344-B.1970	1970	2024	160	25

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

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Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from –20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

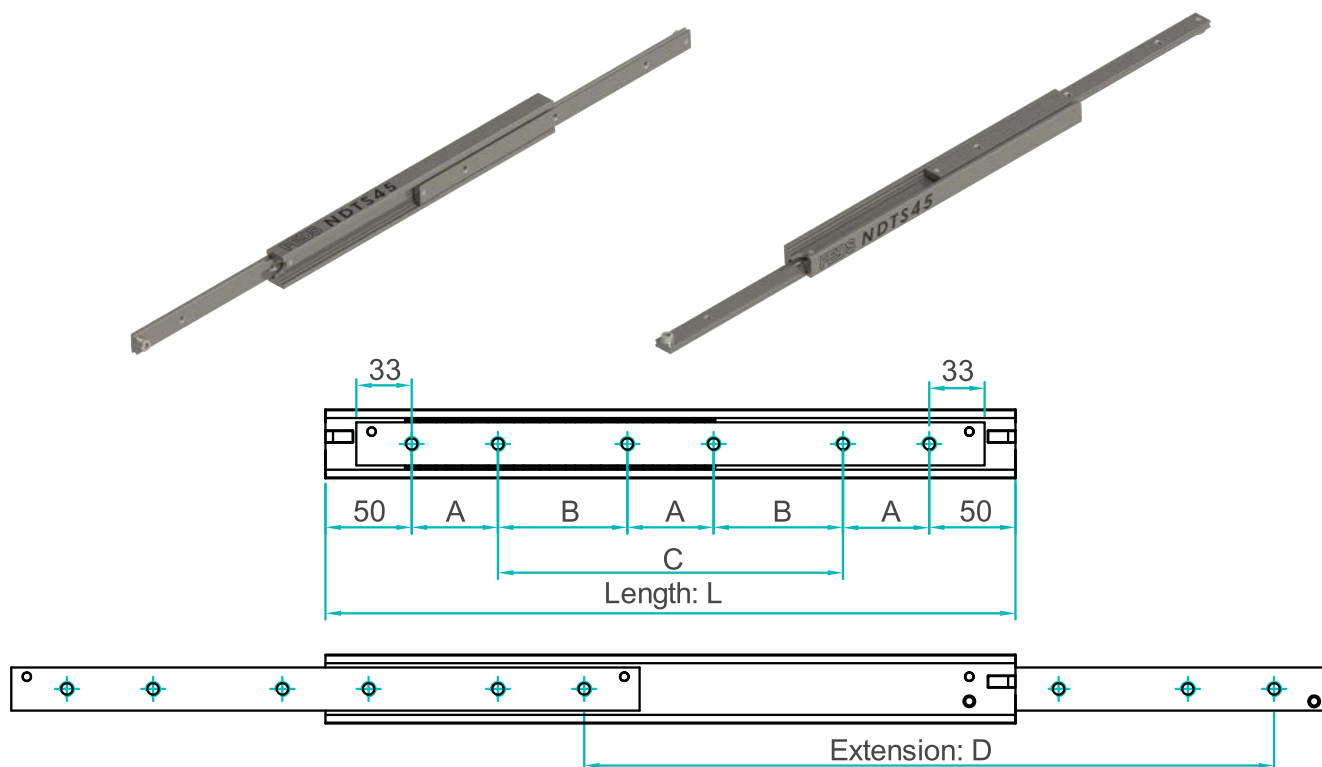


Important Safety Notice

Do not disassemble the slide!

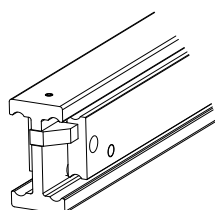
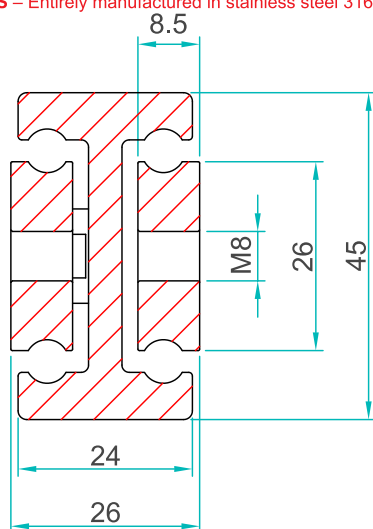
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Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **F** – one outer beam countersunk
- * **FF** – both outer beams countersunk
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



- Rocker device

NDTSB4526-A weighs 6.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NDTSB4526-A.0250	250	250	260	50	-	50
NDTSB4526-A.0300	300	300	265	50	-	100
NDTSB4526-A.0350	350	350	270	50	-	150
NDTSB4526-A.0400	400	400	275	50	-	200
NDTSB4526-A.0450	450	450	280	50	-	250
NDTSB4526-A.0500	500	500	285	50	-	300
NDTSB4526-A.0550	550	550	290	50	150	-
NDTSB4526-A.0600	600	600	310	50	175	-
NDTSB4526-A.0650	650	650	320	50	200	-
NDTSB4526-A.0700	700	700	335	50	225	-
NDTSB4526-A.0750	750	750	300	50	250	-
NDTSB4526-A.0800	800	800	290	50	275	-
NDTSB4526-A.0850	850	850	270	05	300	-
NDTSB4526-A.0900	900	900	265	50	325	-
NDTSB4526-A.0950	950	950	255	50	350	-
NDTSB4526-A.1000	1000	1000	245	50	375	-
NDTSB4526-A.1050	1050	1050	235	50	400	-
NDTSB4526-A.1100	1100	1100	220	50	425	-
NDTSB4526-A.1150	1150	1150	215	50	450	-
NDTSB4526-A.1200	1200	1200	210	50	475	-
NDTSB4526-A.1250	1250	1250	205	50	500	-
NDTSB4526-A.1300	1300	1300	200	50	525	-
NDTSB4526-A.1350	1350	1350	195	50	550	-
NDTSB4526-A.1400	1400	1400	190	50	575	-
NDTSB4526-A.1450	1450	1450	185	50	600	-
NDTSB4526-A.1500	1500	1500	180	50	625	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

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Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

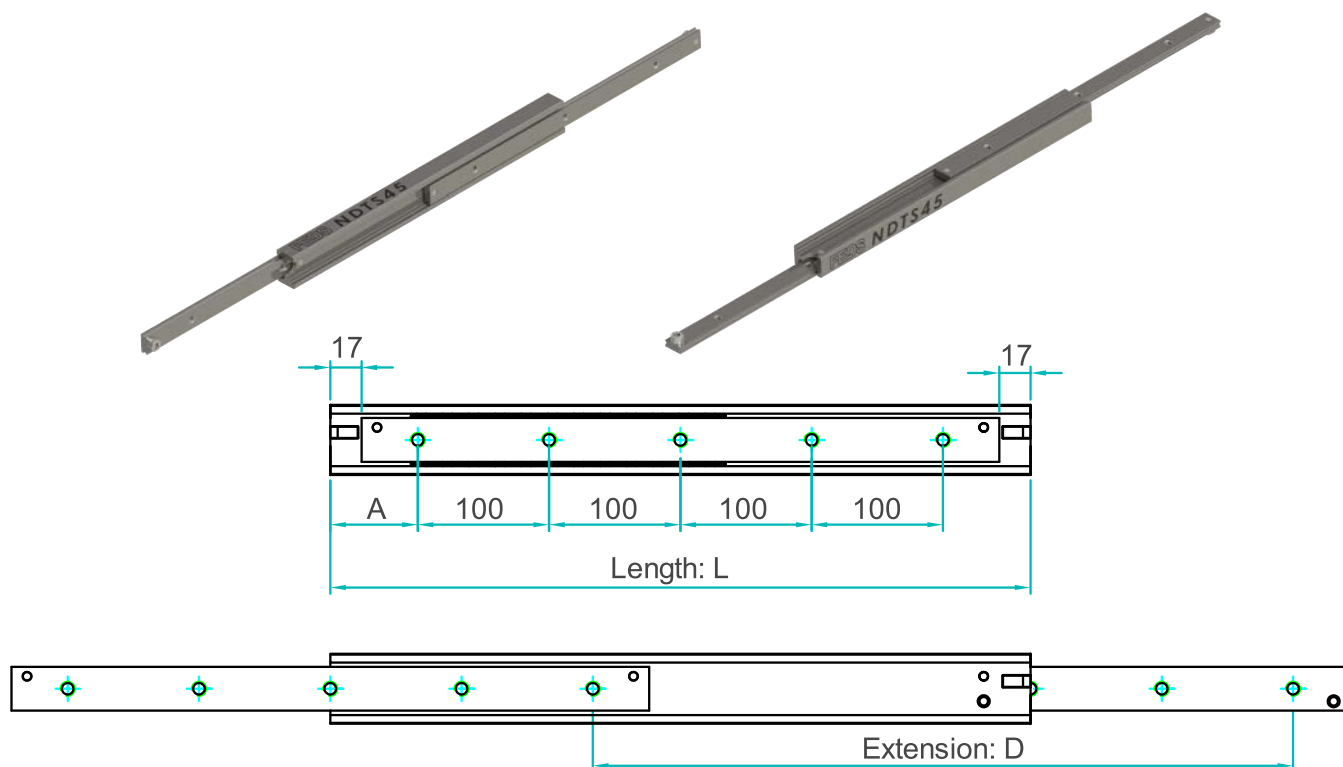


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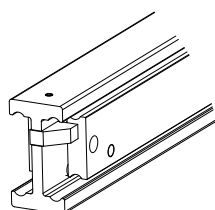
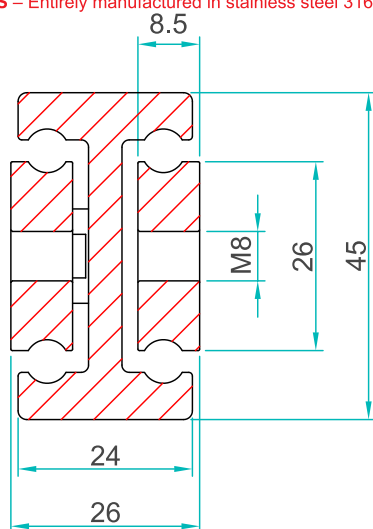
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- Rocker device

NDTSB4526-B weighs 6.1 kg/m				Hole pattern
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"
NDTSB4526-B.0250	250	276	260	25
NDTSB4526-B.0300	300	310	265	50
NDTSB4526-B.0350	350	388	270	25
NDTSB4526-B.0400	400	422	275	50
NDTSB4526-B.0450	450	478	280	25
NDTSB4526-B.0500	500	512	285	50
NDTSB4526-B.0550	550	590	290	25
NDTSB4526-B.0600	600	624	310	50
NDTSB4526-B.0650	650	680	320	25
NDTSB4526-B.0700	700	714	335	50
NDTSB4526-B.0750	750	770	300	25
NDTSB4526-B.0800	800	826	290	50
NDTSB4526-B.0850	850	882	270	25
NDTSB4526-B.0900	900	916	265	50
NDTSB4526-B.0950	950	972	255	25
NDTSB4526-B.1000	1000	1028	245	50
NDTSB4526-B.1050	1050	1084	235	25
NDTSB4526-B.1100	1100	1118	220	50
NDTSB4526-B.1150	1150	1174	215	25
NDTSB4526-B.1200	1200	1230	210	50
NDTSB4526-B.1250	1250	1286	205	25
NDTSB4526-B.1300	1300	1320	200	50
NDTSB4526-B.1350	1350	1376	195	25
NDTSB4526-B.1400	1400	1410	190	50
NDTSB4526-B.1450	1450	1488	185	25
NDTSB4526-B.1500	1500	1522	180	50

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

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Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

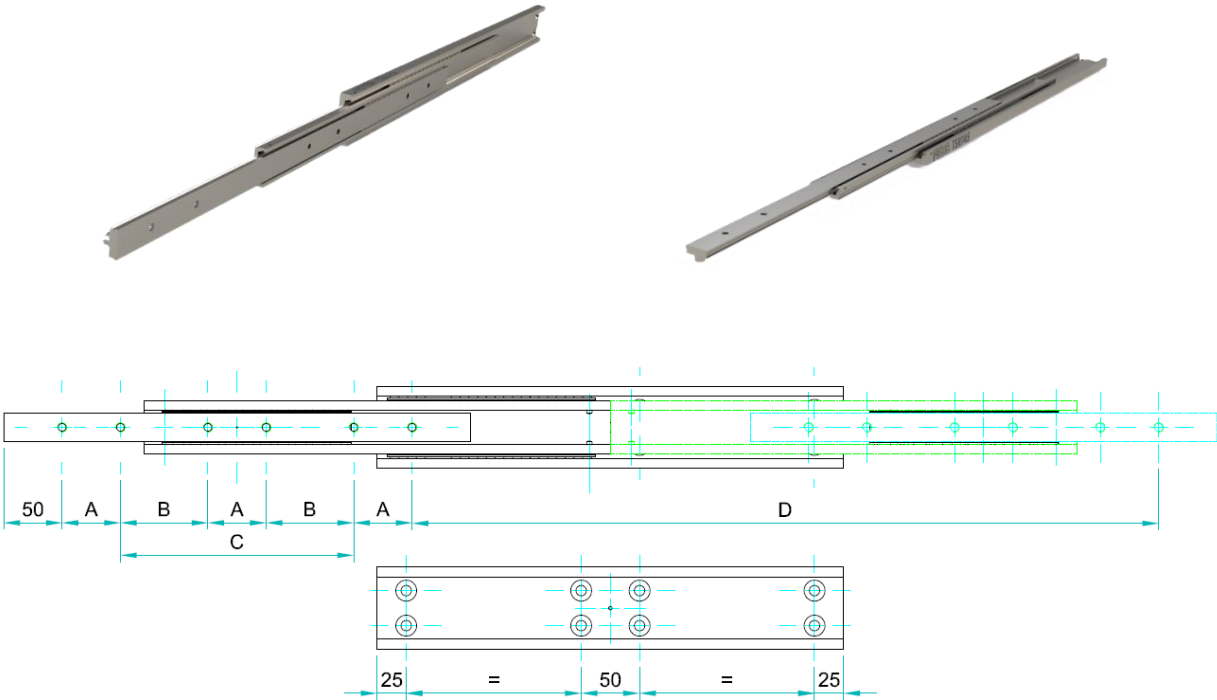


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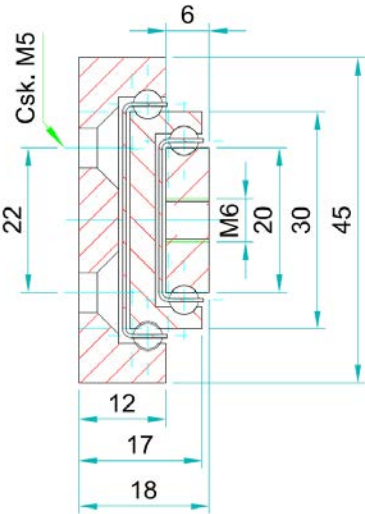
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Options:

- "H" – Hardened raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



TSRT-4518 weight 3.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSRT4518.0200	200	200	170	50	-	-
TSRT4518.0250	250	250	180	50	-	50
TSRT4518.0300	300	300	200	50	-	100
TSRT4518.0350	350	350	210	50	-	150
TSRT4518.0400	400	400	220	50	-	200
TSRT4518.0450	450	450	210	50	-	250
TSRT4518.0500	500	500	200	50	-	300
TSRT4518.0550	550	550	185	50	150	-
TSRT4518.0600	600	600	170	50	175	-
TSRT4518.0650	650	650	150	50	200	-
TSRT4518.0700	700	700	130	50	225	-
TSRT4518.0750	750	750	110	50	250	-
TSRT4518.0800	800	800	95	50	275	-
TSRT4518.0850	850	850	85	50	300	-
TSRT4518.0900	900	900	65	50	325	-
TSRT4518.0950	950	950	60	50	350	-
TSRT4518.1000	1000	1000	54	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

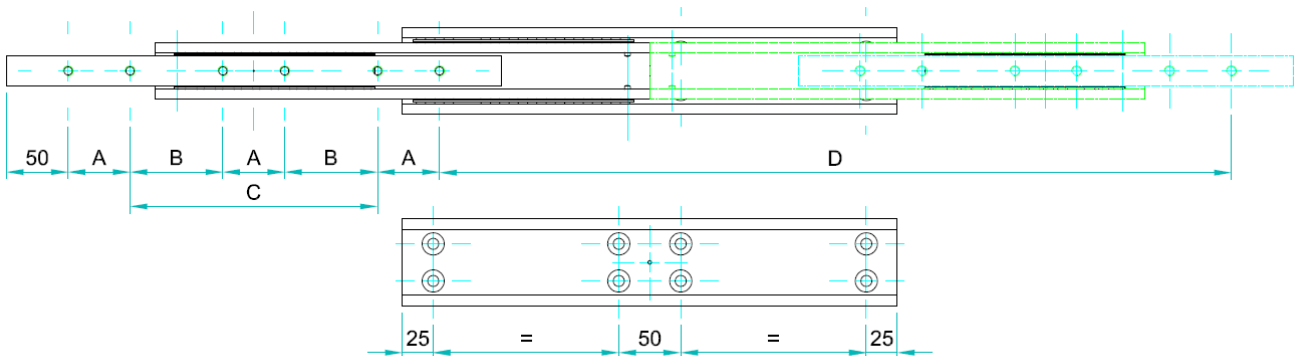
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

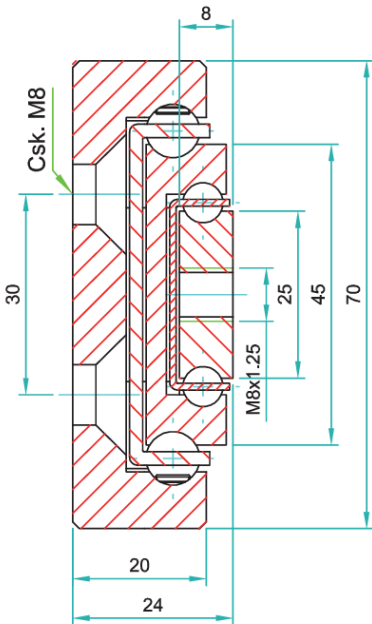
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



TSRT-7024 weight 9.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSRT7024.0300	300	300	390	50	-	100
TSRT7024.0350	350	350	395	50	-	150
TSRT7024.0400	400	400	400	50	-	200
TSRT7024.0450	450	450	405	50	-	250
TSRT7024.0500	500	500	415	50	-	300
TSRT7024.0550	550	550	420	50	-	350
TSRT7024.0600	600	600	430	50	-	400
TSRT7024.0650	650	650	435	50	200	-
TSRT7024.0700	700	700	430	50	225	-
TSRT7024.0750	750	750	425	50	250	-
TSRT7024.0800	800	800	420	50	275	-
TSRT7024.0850	850	850	410	50	300	-
TSRT7024.0900	900	900	400	50	325	-
TSRT7024.0950	950	950	395	50	350	-
TSRT7024.1000	1000	1000	380	50	375	-
TSRT7024.1050	1050	1050	365	50	400	-
TSRT7024.1100	1100	1100	350	50	425	-
TSRT7024.1150	1150	1150	340	50	450	-
TSRT7024.1200	1200	1200	325	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

TSRT-7024 weight 9.7 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSRT7024.1250	1250	1250	310	50	500	-
TSRT7024.1300	1300	1300	290	50	525	-
TSRT7024.1350	1350	1350	280	50	550	-
TSRT7024.1400	1400	1400	270	50	575	-
TSRT7024.1450	1450	1450	260	50	600	-
TSRT7024.1500	1500	1500	245	50	625	-
TSRT7024.1550	1550	1550	230	50	650	-
TSRT7024.1600	1600	1600	215	50	675	-
TSRT7024.1650	1650	1650	200	50	700	-
TSRT7024.1700	1700	1700	185	100	650	-
TSRT7024.1750	1750	1750	165	100	675	-
TSRT7024.1800	1800	1800	145	100	700	-
TSRT7024.1850	1850	1850	125	100	725	-
TSRT7024.1900	1900	1900	105	100	750	-
TSRT7024.1950	1950	1950	85	100	775	-
TSRT7024.2000	2000	2000	65	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

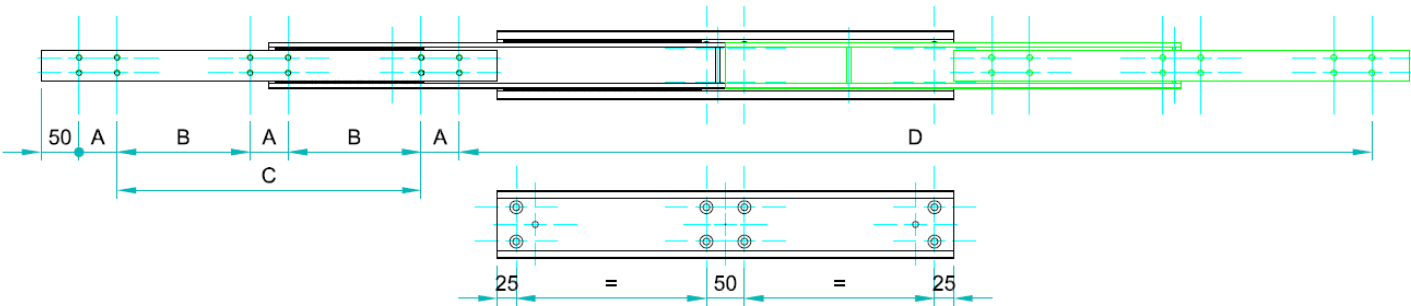
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

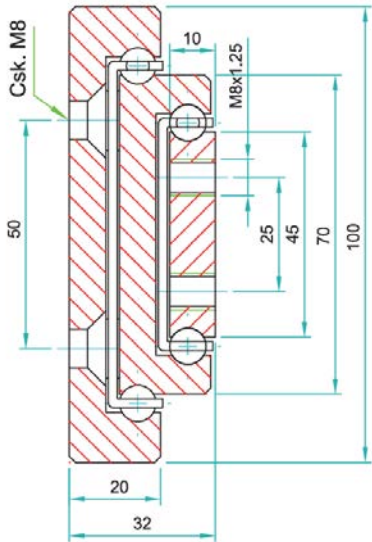
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



TSRT-10032 weight 17.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSRT10032.0300	300	300	820	50	-	100
TSRT10032.0350	350	350	860	50	-	150
TSRT10032.0400	400	400	900	50	-	200
TSRT10032.0450	450	450	940	50	-	250
TSRT10032.0500	500	500	960	50	-	300
TSRT10032.0550	550	550	980	50	150	-
TSRT10032.0600	600	600	1000	50	175	-
TSRT10032.0650	650	650	980	50	200	-
TSRT10032.0700	700	700	950	50	225	-
TSRT10032.0750	750	750	920	50	250	-
TSRT10032.0800	800	800	890	50	275	-
TSRT10032.0850	850	850	860	50	300	-
TSRT10032.0900	900	900	830	50	325	-
TSRT10032.0950	950	950	820	50	350	-
TSRT10032.1000	1000	1000	800	50	375	-
TSRT10032.1050	1050	1050	780	50	400	-
TSRT10032.1100	1100	1100	760	50	425	-
TSRT10032.1150	1150	1150	740	50	450	-
TSRT10032.1200	1200	1200	720	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

TSRT-10032 weight 17.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSRT10032.1250	1250	1250	700	50	600	-
TSRT10032.1300	1300	1300	680	50	625	-
TSRT10032.1350	1350	1350	660	50	650	-
TSRT10032.1400	1400	1400	640	50	675	-
TSRT10032.1450	1450	1450	620	50	700	-
TSRT10032.1500	1500	1500	600	50	650	-
TSRT10032.1550	1550	1550	580	50	675	-
TSRT10032.1600	1600	1600	560	50	700	-
TSRT10032.1650	1650	1650	540	50	700	-
TSRT10032.1700	1700	1700	520	100	650	-
TSRT10032.1750	1750	1750	500	100	675	-
TSRT10032.1800	1800	1800	480	100	700	-
TSRT10032.1850	1850	1850	460	100	725	-
TSRT10032.1900	1900	1900	440	100	750	-
TSRT10032.1950	1950	1950	420	100	775	-
TSRT10032.2000	2000	2000	400	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

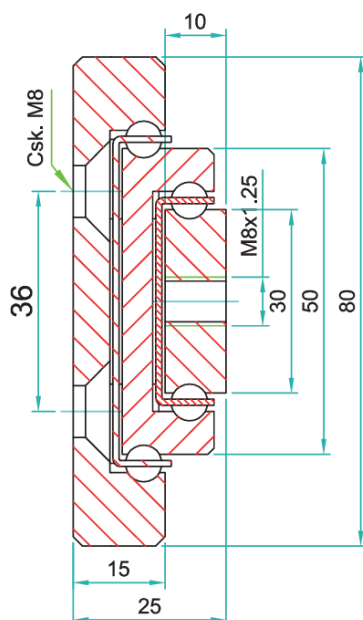
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





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**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

TSRT-8025 weight 10.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSRT8025.1250	1250	1250	315	50	500	-
TSRT8025.1300	1300	1300	300	50	525	-
TSRT8025.1350	1350	1350	280	50	550	-
TSRT8025.1400	1400	1400	260	50	575	-
TSRT8025.1450	1450	1450	250	50	600	-
TSRT8025.1500	1500	1500	240	50	625	-
TSRT8025.1550	1550	1550	230	50	650	-
TSRT8025.1600	1600	1600	220	50	675	-
TSRT8025.1650	1650	1650	210	50	700	-
TSRT8025.1700	1700	1700	200	100	650	-
TSRT8025.1750	1750	1750	190	100	675	-
TSRT8025.1800	1800	1800	180	100	700	-
TSRT8025.1850	1850	1850	170	100	725	-
TSRT8025.1900	1900	1900	160	100	750	-
TSRT8025.1950	1950	1950	150	100	775	-
TSRT8025.2000	2000	200	140	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

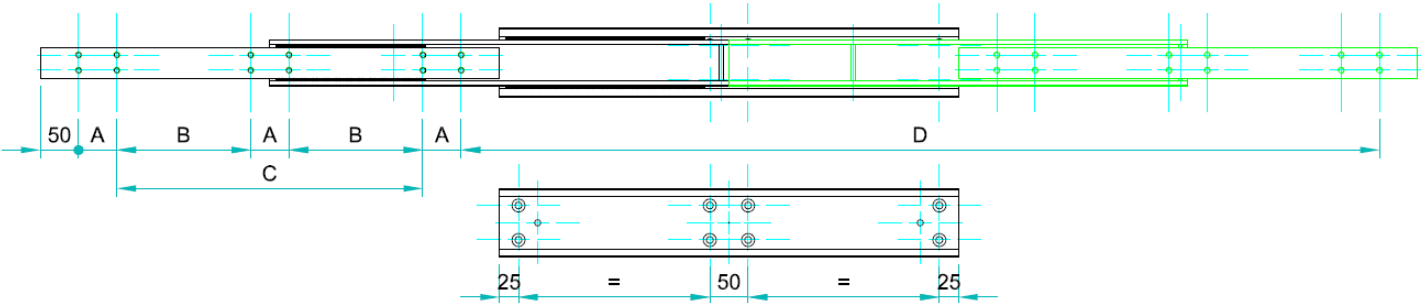
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

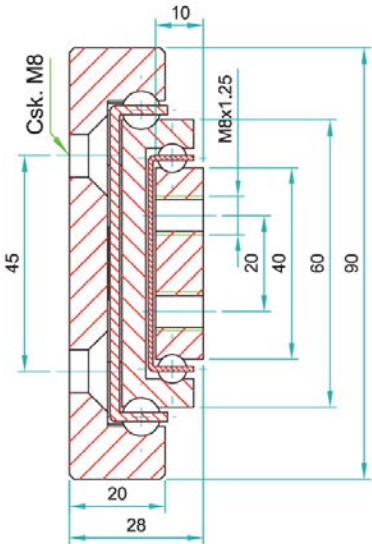
Thread pitches: As per end profile image - coarse





Options:

- "H" – Hardened raceways
- "V" - V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



TSRT-9028 weight 16.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSRT9028.0300	300	300	620	50	-	100
TSRT9028.0350	350	350	630	50	-	150
TSRT9028.0400	400	400	640	50	-	200
TSRT9028.0450	450	450	650	50	-	250
TSRT9028.0500	500	500	660	50	-	300
TSRT9028.0550	550	550	670	50	-	350
TSRT9028.0600	600	600	680	50	-	400
TSRT9028.0650	650	650	690	50	200	-
TSRT9028.0700	700	700	680	50	225	-
TSRT9028.0750	750	750	670	50	250	-
TSRT9028.0800	800	800	660	50	275	-
TSRT9028.0850	850	850	650	50	300	-
TSRT9028.0900	900	900	640	50	325	-
TSRT9028.0950	950	950	630	50	350	-
TSRT9028.1000	1000	1000	615	50	375	-
TSRT9028.1050	1050	1050	590	50	400	-
TSRT9028.1100	1100	1100	565	50	425	-
TSRT9028.1150	1150	1150	540	50	450	-
TSRT9028.1200	1200	1200	520	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

TSRT-9028 weight 16.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSRT9028.1250	1250	1250	490	50	500	-
TSRT9028.1300	1300	1300	475	50	525	-
TSRT9028.1350	1350	1350	455	50	550	-
TSRT9028.1400	1400	1400	430	50	575	-
TSRT9028.1450	1450	1450	410	50	600	-
TSRT9028.1500	1500	1500	380	50	625	-
TSRT9028.1550	1550	1550	350	50	650	-
TSRT9028.1600	1600	1600	320	50	675	-
TSRT9028.1650	1650	1650	290	50	700	-
TSRT9028.1700	1700	1700	270	100	650	-
TSRT9028.1750	1750	1750	250	100	675	-
TSRT9028.1800	1800	1800	230	100	700	-
TSRT9028.1850	1850	1850	210	100	725	-
TSRT9028.1900	1900	1900	200	100	750	-
TSRT9028.1950	1950	1950	195	100	775	-
TSRT9028.2000	2000	2000	190	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.

Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.

Ball cages: Zinc plated sheet steel. Laser cut profiles.

Ball bearings: C85, G100: DIN 5401 (Chromed).

End Bolts: ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours

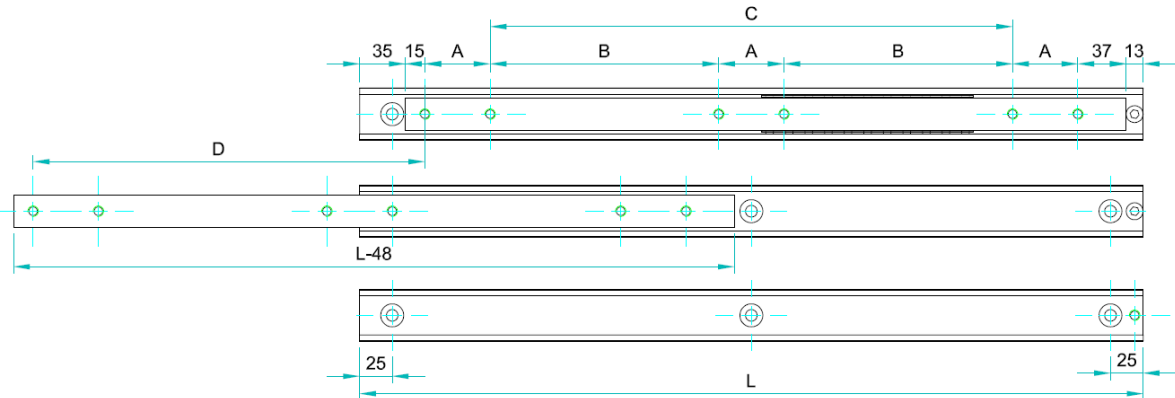
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

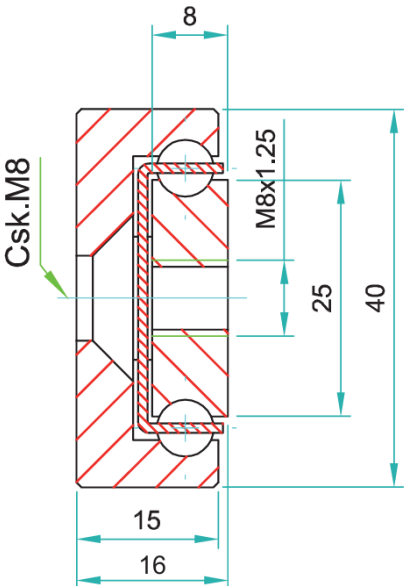
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk



SOWS-4016 weights 4.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SOWS4016.0200	200	100	220	50	-	-
SOWS4016.0250	250	125	230	50	-	50
SOWS4016.0300	300	150	240	50	-	100
SOWS4016.0350	350	175	250	50	-	150
SOWS4016.0400	400	200	260	50	-	200
SOWS4016.0450	450	225	270	50	-	250
SOWS4016.0500	500	250	280	50	-	300
SOWS4016.0550	550	275	270	50	150	-
SOWS4016.0600	600	300	260	50	175	-
SOWS4016.0650	650	325	250	50	200	-
SOWS4016.0700	700	350	240	50	225	-
SOWS4016.0750	750	375	225	50	250	-
SOWS4016.0800	800	400	200	50	275	-
SOWS4016.0850	850	425	185	50	300	-
SOWS4016.0900	900	450	170	50	325	-
SOWS4016.0950	950	475	155	50	350	-
SOWS4016.1000	1000	500	140	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%.

We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SOWS–4016 weights 4.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	“A”	“B”	“C”
SOWS4016.1050	1050	525	130	50	400	-
SOWS4016.1100	1100	550	120	50	425	-
SOWS4016.1150	1150	575	110	50	450	-
SOWS4016.1200	1200	600	100	50	475	-
SOWS4016.1250	1250	625	90	50	500	-
SOWS4016.1300	1300	650	80	50	525	-
SOWS4016.1350	1350	675	70	50	550	-
SOWS4016.1400	1400	700	60	50	575	-
SOWS4016.1450	1450	725	50	50	600	-
SOWS4016.1500	1500	750	40	50	625	-
SOWS4016.1550	1550	775	30	50	650	-
SOWS4016.1600	1600	800	20	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

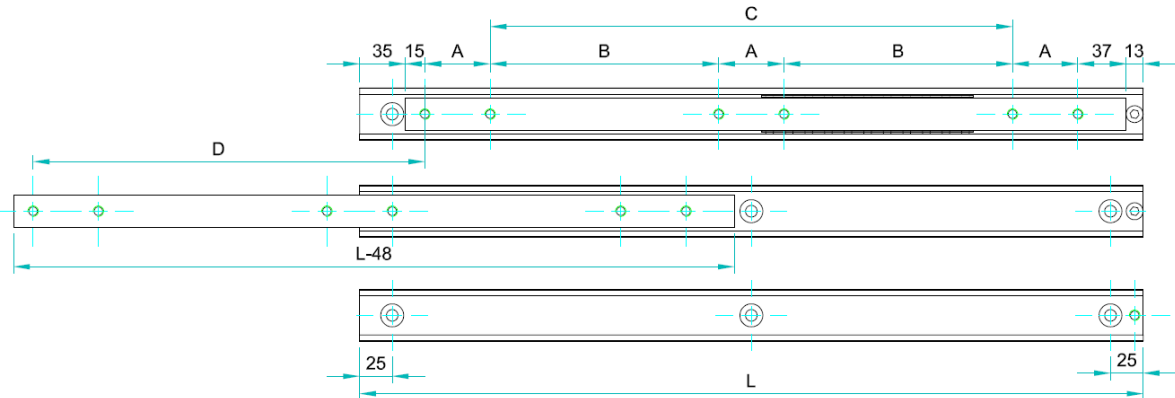
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

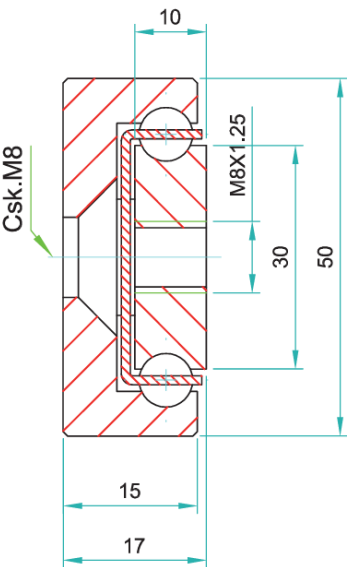
Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:
"H" – Hardened raceways



SOWS-5017 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SOWS5017.0200	200	100	260	50	-	-
SOWS5017.0250	250	125	280	50	-	50
SOWS5017.0300	300	150	300	50	-	100
SOWS5017.0350	350	175	320	50	-	150
SOWS5017.0400	400	200	340	50	-	200
SOWS5017.0450	450	225	360	50	-	250
SOWS5017.0500	500	250	380	50	-	300
SOWS5017.0550	550	275	400	50	150	-
SOWS5017.0600	600	300	380	50	175	-
SOWS5017.0650	650	325	360	50	200	-
SOWS5017.0700	700	350	340	50	225	-
SOWS5017.0750	750	375	320	50	250	-
SOWS5017.0800	800	400	310	50	275	-
SOWS5017.0850	850	425	295	50	300	-
SOWS5017.0900	900	450	290	50	325	-
SOWS5017.0950	950	475	280	50	350	-
SOWS5017.1000	1000	500	270	50	375	-
SOWS5017.1050	1050	525	260	50	400	-
SOWS5017.1100	1100	550	250	50	425	-
SOWS5017.1150	1150	575	240	50	450	-
SOWS5017.1200	1200	600	230	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SOWS-5017 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SOWS5017.1250	1250	625	215	50	500	-
SOWS5017.1300	1300	650	200	50	525	-
SOWS5017.1350	1350	675	190	50	550	-
SOWS5017.1400	1400	700	180	50	575	-
SOWS5017.1450	1450	725	170	50	600	-
SOWS5017.1500	1500	750	160	50	625	-
SOWS5017.1550	1550	775	150	50	650	-
SOWS5017.1600	1600	800	140	50	675	-
SOWS5017.1650	1650	825	130	50	700	-
SOWS5017.1700	1700	850	120	100	650	-
SOWS5017.1750	1750	875	110	100	675	-
SOWS5017.1800	1800	900	100	100	700	-
SOWS5017.1850	1850	925	90	100	725	-
SOWS5017.1900	1900	950	80	100	750	-
SOWS5017.1950	1950	975	70	100	775	-
SOWS5017.2000	2000	1000	60	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

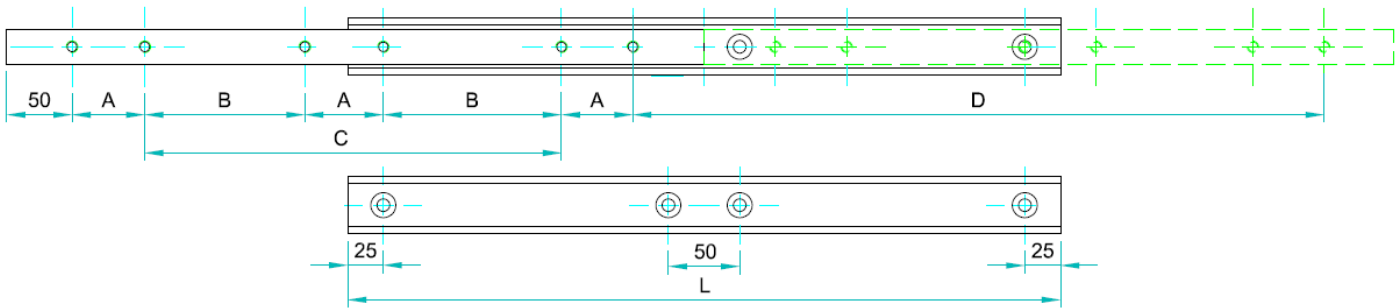
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to ≈800° C with suitable lubrication & material yield strength reduction

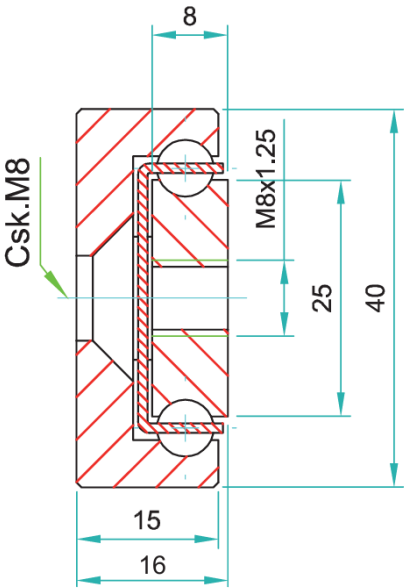
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

"V" - V shape channel raceways
"F" - one outer beam countersunk



SOWST-4016 weights 4.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SOWST4016.0200	200	100	220	50	-	-
SOWST4016.0250	250	125	230	50	-	50
SOWST4016.0300	300	150	240	50	-	100
SOWST4016.0350	350	175	250	50	-	150
SOWST4016.0400	400	200	260	50	-	200
SOWST4016.0450	450	225	270	50	-	250
SOWST4016.0500	500	250	280	50	-	300
SOWST4016.0550	550	275	270	50	150	-
SOWST4016.0600	600	300	260	50	175	-
SOWST4016.0650	650	325	250	50	200	-
SOWST4016.0700	700	350	240	50	225	-
SOWST4016.0750	750	375	225	50	250	-
SOWST4016.0800	800	400	200	50	275	-
SOWST4016.0850	850	425	185	50	300	-
SOWST4016.0900	900	450	170	50	325	-
SOWST4016.0950	950	475	155	50	350	-
SOWST4016.1000	1000	500	140	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SOWST–4016 weights 4.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	“A”	“B”	“C”
SOWST4016.1050	1050	525	130	50	400	-
SOWST4016.1100	1100	550	120	50	425	-
SOWST4016.1150	1150	575	110	50	450	-
SOWST4016.1200	1200	600	100	50	475	-
SOWST4016.1250	1250	625	90	50	500	-
SOWST4016.1300	1300	650	80	50	525	-
SOWST4016.1350	1350	675	70	50	550	-
SOWST4016.1400	1400	700	60	50	575	-
SOWST4016.1450	1450	725	50	50	600	-
SOWST4016.1500	1500	750	40	50	625	-
SOWST4016.1550	1550	775	30	50	650	-
SOWST4016.1600	1600	800	20	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

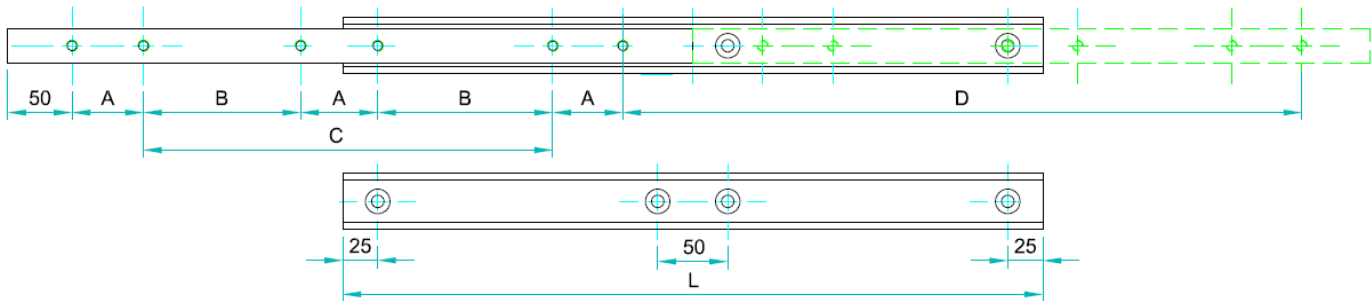
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to ≈800° C with suitable lubrication & material yield strength reduction

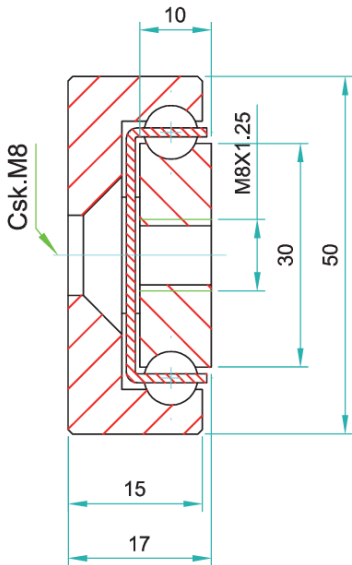
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

"V" - V shape channel raceways
"F" - one outer beam countersunk



SOWST-5017 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SOWST5017.0200	200	100	330	50	-	-
SOWST5017.0250	250	125	340	50	-	50
SOWST5017.0300	300	150	350	50	-	100
SOWST5017.0350	350	175	360	50	-	150
SOWST5017.0400	400	200	370	50	-	200
SOWST5017.0450	450	225	380	50	-	250
SOWST5017.0500	500	250	390	50	-	300
SOWST5017.0550	550	275	400	50	150	-
SOWST5017.0600	600	300	380	50	175	-
SOWST5017.0650	650	325	360	50	200	-
SOWST5017.0700	700	350	340	50	225	-
SOWST5017.0750	750	375	320	50	250	-
SOWST5017.0800	800	400	310	50	275	-
SOWST5017.0850	850	425	300	50	300	-
SOWST5017.0900	900	450	290	50	325	-
SOWST5017.0950	950	475	280	50	350	-
SOWST5017.1000	1000	500	270	50	375	-
SOWST5017.1050	1050	525	260	50	400	-
SOWST5017.1100	1100	550	250	50	425	-
SOWST5017.1150	1150	575	240	50	450	-
SOWST5017.1200	1200	600	230	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 1% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SOWST-5017 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SOWST5017.1250	1250	625	215	50	500	-
SOWST5017.1300	1300	650	200	50	525	-
SOWST5017.1350	1350	675	190	50	550	-
SOWST5017.1400	1400	700	180	50	575	-
SOWST5017.1450	1450	725	170	50	600	-
SOWST5017.1500	1500	750	160	50	625	-
SOWST5017.1550	1550	775	150	50	650	-
SOWST5017.1600	1600	800	140	50	675	-
SOWST5017.1650	1650	825	130	50	700	-
SOWST5017.1700	1700	850	120	100	650	-
SOWST5017.1750	1750	875	110	100	675	-
SOWST5017.1800	1800	900	100	100	700	-
SOWST5017.1850	1850	925	90	100	725	-
SOWST5017.1900	1900	950	80	100	750	-
SOWST5017.1950	1950	975	70	100	775	-
SOWST5017.2000	2000	1000	60	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

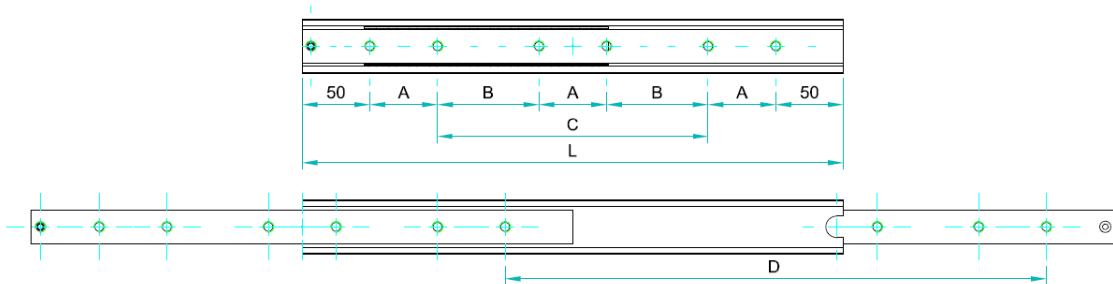
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

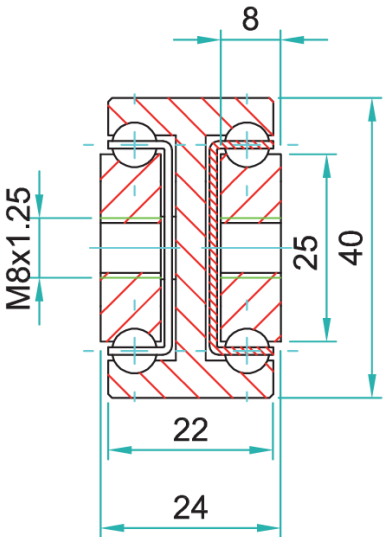
Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



Type: SDTS-4024 weights 5.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS4024.0200	200	200	140	50	-	-
SDTS4024.0250	250	250	142	50	-	50
SDTS4024.0300	300	300	144	50	-	100
SDTS4024.0350	350	350	146	50	-	150
SDTS4024.0400	400	400	148	50	-	200
SDTS4024.0450	450	450	150	50	-	250
SDTS4024.0500	500	500	152	50	-	300
SDTS4024.0550	550	550	154	50	150	-
SDTS4024.0600	600	600	150	50	175	-
SDTS4024.0650	650	650	145	50	200	-
SDTS4024.0700	700	700	140	50	225	-
SDTS4024.0750	750	750	135	50	250	-
SDTS4024.0800	800	800	130	50	275	-
SDTS4024.0850	850	850	125	50	300	-
SDTS4024.0900	900	900	120	50	325	-
SDTS4024.0950	950	950	115	50	350	-
SDTS4024.1000	1000	1000	110	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: SDTS-4024 weights 5.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS4024.1050	1050	1050	105	50	400	-
SDTS4024.1100	1100	1100	100	50	425	-
SDTS4024.1150	1150	1150	95	50	450	-
SDTS4024.1200	1200	1200	90	50	475	-
SDTS4024.1250	1250	1250	85	50	500	-
SDTS4024.1300	1300	1300	80	50	525	-
SDTS4024.1350	1350	1350	75	50	550	-
SDTS4024.1400	1400	1400	70	50	575	-
SDTS4024.1450	1450	1450	65	50	600	-
SDTS4024.1500	1500	1500	60	50	625	-
SDTS4024.1550	1550	1550	55	50	650	-
SDTS4024.1600	1600	1600	50	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

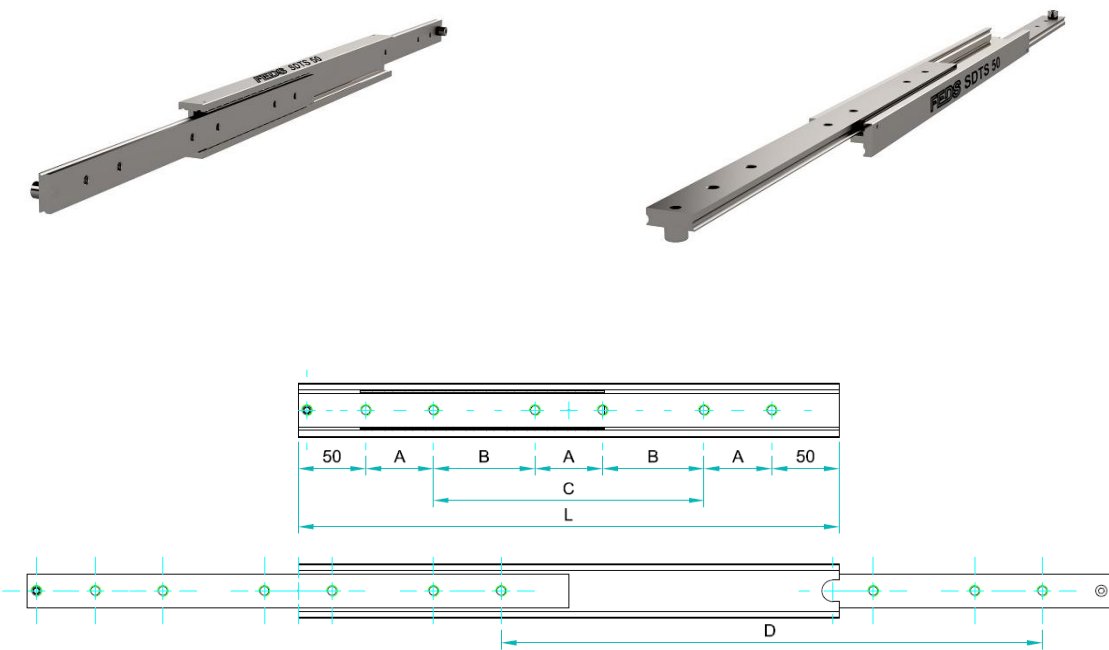
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

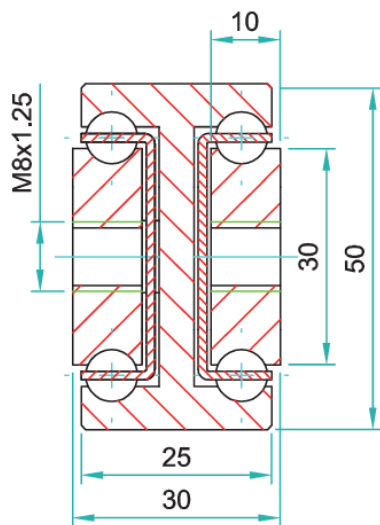
Temperature range: Cryogenic to ≈800° C with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF" - both outer beams countersunk



Type: SDTS-5030 weights 8.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS5030.0200	200	200	220	50	-	-
SDTS5030.0250	250	250	230	50	-	50
SDTS5030.0300	300	300	240	50	-	100
SDTS5030.0350	350	350	250	50	-	150
SDTS5030.0400	400	400	260	50	-	200
SDTS5030.0450	450	450	270	50	-	250
SDTS5030.0500	500	500	280	50	-	300
SDTS5030.0550	550	550	270	50	150	-
SDTS5030.0600	600	600	260	50	175	-
SDTS5030.0650	650	650	250	50	200	-
SDTS5030.0700	700	700	240	50	225	-
SDTS5030.0750	750	750	230	50	250	-
SDTS5030.0800	800	800	220	50	275	-
SDTS5030.0850	850	850	210	50	300	-
SDTS5030.0900	900	900	200	50	325	-
SDTS5030.0950	950	950	190	50	350	-
SDTS5030.1000	1000	1000	180	50	375	-
SDTS5030.1050	1050	1050	175	50	400	-
SDTS5030.1100	1100	1100	170	50	425	-
SDTS5030.1150	1150	1150	165	50	450	-
SDTS5030.1200	1200	1200	160	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: SDTS-5030 weights 8.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS5030.1050	1050	1050	175	50	400	-
SDTS5030.1100	1100	1100	170	50	425	-
SDTS5030.1150	1150	1150	165	50	450	-
SDTS5030.1200	1200	1200	160	50	475	-
SDTS5030.1250	1250	1250	155	50	500	-
SDTS5030.1300	1300	1300	150	50	525	-
SDTS5030.1350	1350	1350	145	50	550	-
SDTS5030.1400	1400	1400	140	50	575	-
SDTS5030.1450	1450	1450	135	50	600	-
SDTS5030.1500	1500	1500	130	50	625	-
SDTS5030.1550	1550	1550	125	50	650	-
SDTS5030.1600	1600	1600	120	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

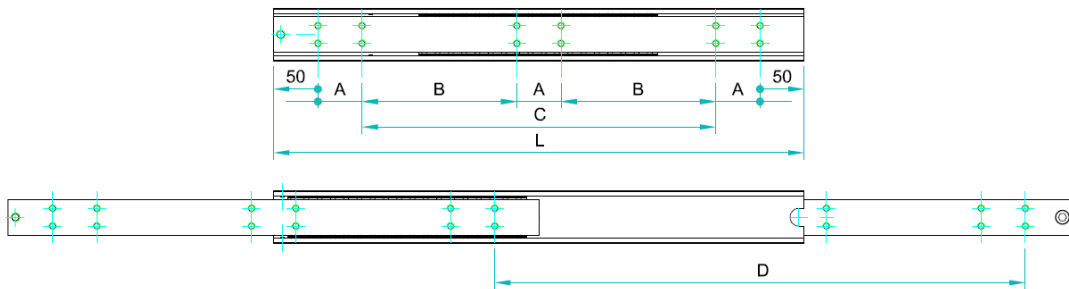
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

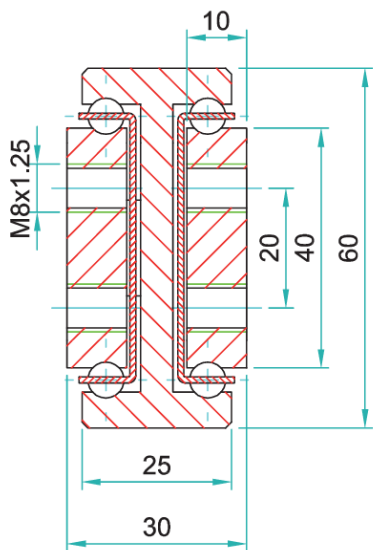
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF" - both outer beams countersunk



SDTS-6030 weighs 10.61 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS6030.0200	200	200	360	50	-	-
SDTS6030.0250	250	250	370	50	-	50
SDTS6030.0300	300	300	380	50	-	100
SDTS6030.0350	350	350	390	50	-	150
SDTS6030.0400	400	400	400	50	-	200
SDTS6030.0450	450	450	410	50	-	250
SDTS6030.0500	500	500	420	50	-	300
SDTS6030.0550	550	550	430	50	-	350
SDTS6030.0600	600	600	440	50	-	400
SDTS6030.0650	650	650	420	50	200	-
SDTS6030.0700	700	700	400	50	225	-
SDTS6030.0750	750	750	380	50	250	-
SDTS6030.0800	800	800	360	50	275	-
SDTS6030.0850	850	850	340	50	300	-
SDTS6030.0900	900	900	320	50	325	-
SDTS6030.0950	950	950	300	50	350	-
SDTS6030.1000	1000	1000	280	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SDTS-6030 weighs 10.61 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS6030.1050	1050	1050	270	50	400	-
SDTS6030.1100	1100	1100	260	50	425	-
SDTS6030.1150	1150	1150	250	50	450	-
SDTS6030.1200	1200	1200	240	50	475	-
SDTS6030.1250	1250	1250	235	50	500	-
SDTS6030.1300	1300	1300	230	50	525	-
SDTS6030.1350	1350	1350	225	50	550	-
SDTS6030.1400	1400	1400	220	50	575	-
SDTS6030.1450	1450	1450	215	50	600	-
SDTS6030.1500	1500	1500	210	50	625	-
SDTS6030.1550	1550	1550	205	50	650	-
SDTS6030.1600	1600	1600	200	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

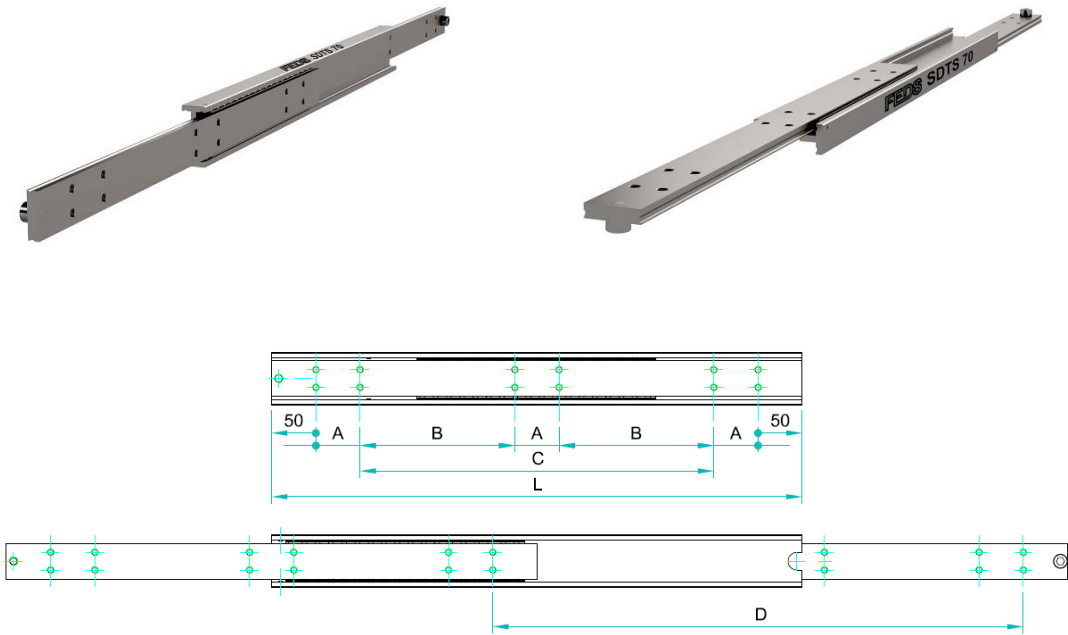
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

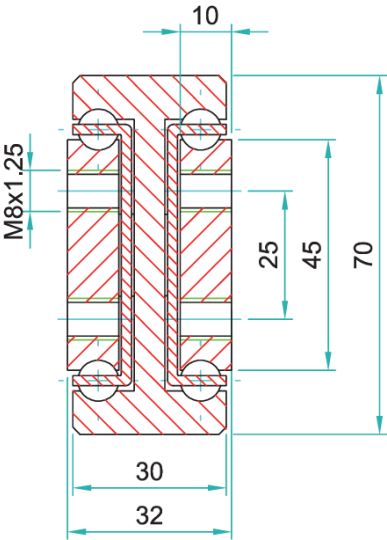
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF" - both outer beams countersunk



SDTS-7032 weights 13.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS7032.0200	200	200	400	50	-	-
SDTS7032.0250	250	250	410	50	-	50
SDTS7032.0300	300	300	420	50	-	100
SDTS7032.0350	350	350	430	50	-	150
SDTS7032.0400	400	400	440	50	-	200
SDTS7032.0450	450	450	450	50	-	250
SDTS7032.0500	500	500	460	50	-	300
SDTS7032.0550	550	550	470	50	-	350
SDTS7032.0600	600	600	480	50	-	400
SDTS7032.0650	650	650	460	50	200	-
SDTS7032.0700	700	700	440	50	225	-
SDTS7032.0750	750	750	420	50	250	-
SDTS7032.0800	800	800	400	50	275	-
SDTS7032.0850	850	850	380	50	300	-
SDTS7032.0900	900	900	360	50	325	-
SDTS7032.0950	950	950	340	50	350	-
SDTS7032.1000	1000	1000	320	50	375	-
SDTS7032.1050	1050	1050	310	50	400	-
SDTS7032.1100	1100	1100	300	50	425	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SDTS-7032 weights 13.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS7032.1150	1150	1150	290	50	450	-
SDTS7032.1200	1200	1200	280	50	475	-
SDTS7032.1250	1250	1250	270	50	500	-
SDTS7032.1300	1300	1300	260	50	525	-
SDTS7032.1350	1350	1350	250	50	550	-
SDTS7032.1400	1400	1400	240	50	575	-
SDTS7032.1450	1450	1450	230	50	600	-
SDTS7032.1500	1500	1500	220	50	625	-
SDTS7032.1550	1550	1550	210	50	650	-
SDTS7032.1600	1600	1600	205	50	675	-
SDTS7032.1650	1650	1650	200	50	700	-
SDTS7032.1700	1700	1700	195	100	650	-
SDTS7032.1750	1750	1750	190	100	675	-
SDTS7032.1800	1800	1800	185	100	700	-
SDTS7032.1850	1850	1850	180	100	725	-
SDTS7032.1900	1900	1900	175	100	750	-
SDTS7032.1950	1950	1950	165	100	775	-
SDTS7032.2000	2000	2000	160	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

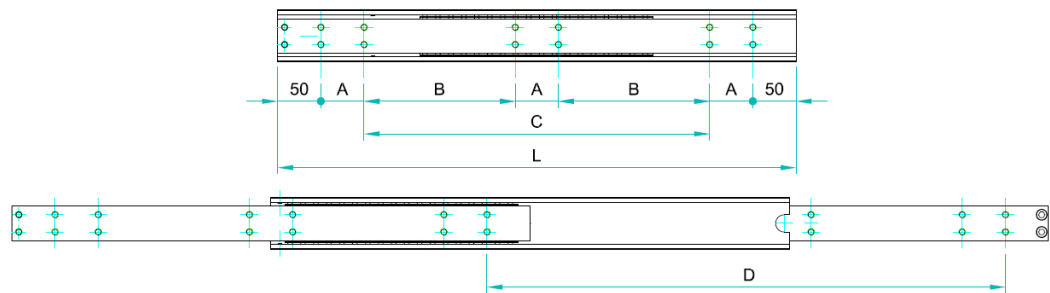
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

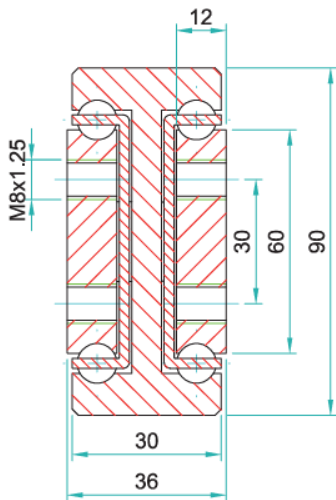
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk



SDTS -9036 weights 19.8 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS9036.0200	200	200	460	50	-	-
SDTS9036.0250	250	250	480	50	-	50
SDTS9036.0300	300	300	500	50	-	100
SDTS9036.0350	350	350	525	50	-	150
SDTS9036.0400	400	400	550	50	-	200
SDTS9036.0450	450	450	575	50	-	250
SDTS9036.0500	500	500	600	50	-	300
SDTS9036.0550	550	550	580	50	-	350
SDTS9036.0600	600	600	560	50	-	400
SDTS9036.0650	650	650	540	50	200	-
SDTS9036.0700	700	700	520	50	225	-
SDTS9036.0750	750	750	500	50	250	-
SDTS9036.0800	800	800	480	50	275	-
SDTS9036.0850	850	850	460	50	300	-
SDTS9036.0900	900	900	440	50	325	-
SDTS9036.0950	950	950	420	50	350	-
SDTS9036.1000	1000	1000	400	50	375	-
SDTS9036.1050	1050	1050	390	50	400	-
SDTS9036.1100	1100	1100	380	50	425	-
SDTS9036.1150	1150	1150	370	50	450	-
SDTS9036.1200	1200	1200	360	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SDTS -9036 weights 19.8 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTS9036.1250	1250	1250	350	50	500	-
SDTS9036.1300	1300	1300	340	50	525	-
SDTS9036.1350	1350	1350	330	50	550	-
SDTS9036.1400	1400	1400	320	50	575	-
SDTS9036.1450	1450	1450	315	50	600	-
SDTS9036.1500	1500	1500	310	50	625	-
SDTS9036.1550	1550	1550	305	50	650	-
SDTS9036.1600	1600	1600	300	50	675	-
SDTS9036.1650	1650	1650	280	50	700	-
SDTS9036.1700	1700	1700	270	100	650	-
SDTS9036.1750	1750	1750	260	100	675	-
SDTS9036.1800	1800	1800	250	100	700	-
SDTS9036.1850	1850	1850	240	100	725	-
SDTS9036.1900	1900	1900	230	100	750	-
SDTS9036.1950	1950	1950	210	100	775	-
SDTS9036.2000	2000	2000	200	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

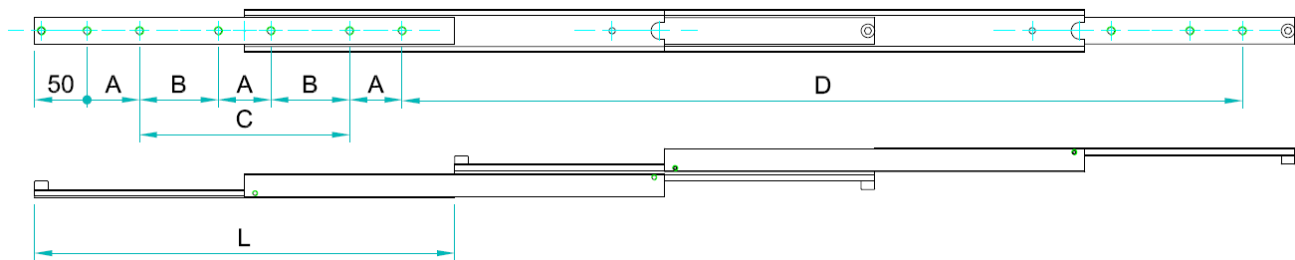
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

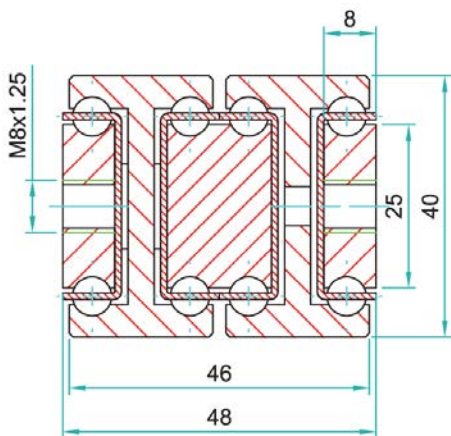
Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



SDDTS-4048 weights 11.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDDTS4048.0200	200	400	38	50	-	-
SDDTS4048.0250	250	500	40	50	-	50
SDDTS4048.0300	300	600	42	50	-	100
SDDTS4048.0350	350	700	44	50	-	150
SDDTS4048.0400	400	800	46	50	-	200
SDDTS4048.0450	450	900	48	50	-	250
SDDTS4048.0500	500	1000	50	50	-	300
SDDTS4048.0550	550	1100	48	50	150	-
SDDTS4048.0600	600	1200	46	50	175	-
SDDTS4048.0650	650	1300	42	50	200	-
SDDTS4048.0700	700	1400	40	50	225	-
SDDTS4048.0750	750	1500	39	50	250	-
SDDTS4048.0800	800	1600	38	50	275	-
SDDTS4048.0850	850	1700	37	50	300	-
SDDTS4048.0900	900	1800	36	50	325	-
SDDTS4048.0950	950	1900	35	50	350	-
SDDTS4048.1000	1000	2000	34	50	375	-
SDDTS4048.1050	1050	2100	33	50	400	-
SDDTS4048.1100	1100	2200	32	50	425	-
SDDTS4048.1150	1150	2300	30	50	450	-
SDDTS4048.1200	1200	2400	28	50	475	-



Do not dismantle the slide!

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

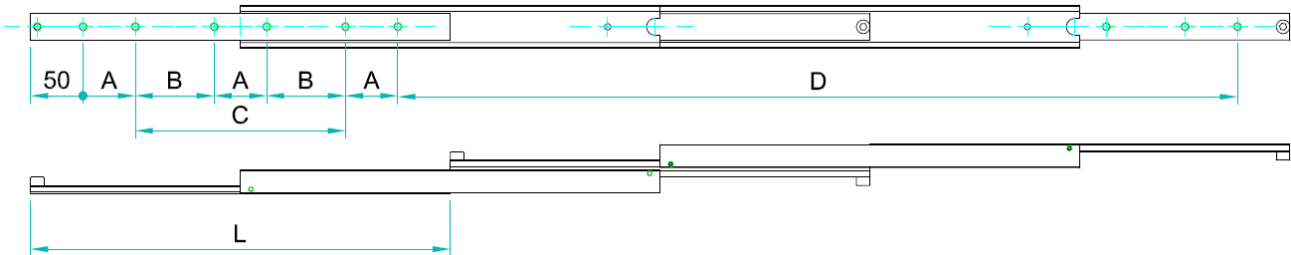
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

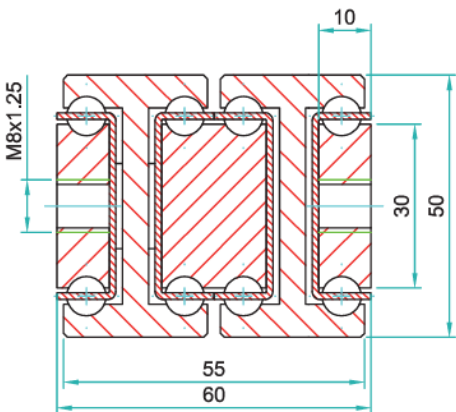
Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



SDDTS-5060 weights 17.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDDTS5060.0200	200	400	96	50	-	-
SDDTS5060.0250	250	500	98	50	-	50
SDDTS5060.0300	300	600	100	50	-	100
SDDTS5060.0350	350	700	102	50	-	150
SDDTS5060.0400	400	800	104	50	-	200
SDDTS5060.0450	450	900	106	50	-	250
SDDTS5060.0500	500	1000	110	50	-	300
SDDTS5060.0550	550	1100	105	50	150	-
SDDTS5060.0600	600	1200	100	50	175	-
SDDTS5060.0650	650	1300	95	50	200	-
SDDTS5060.0700	700	1400	90	50	225	-
SDDTS5060.0750	750	1500	85	50	250	-
SDDTS5060.0800	800	1600	80	50	275	-
SDDTS5060.0850	850	1700	75	50	300	-
SDDTS5060.0900	900	1800	70	50	325	-
SDDTS5060.0950	950	1900	65	50	350	-
SDDTS5060.1000	1000	2000	60	50	375	-
SDDTS5060.1050	1050	2100	55	50	400	-
SDDTS5060.1100	1100	2200	50	50	425	-
SDDTS5060.1150	1150	2300	45	50	450	-
SDDTS5060.1200	1200	2400	40	50	475	-



Do not dismantle the slide!

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

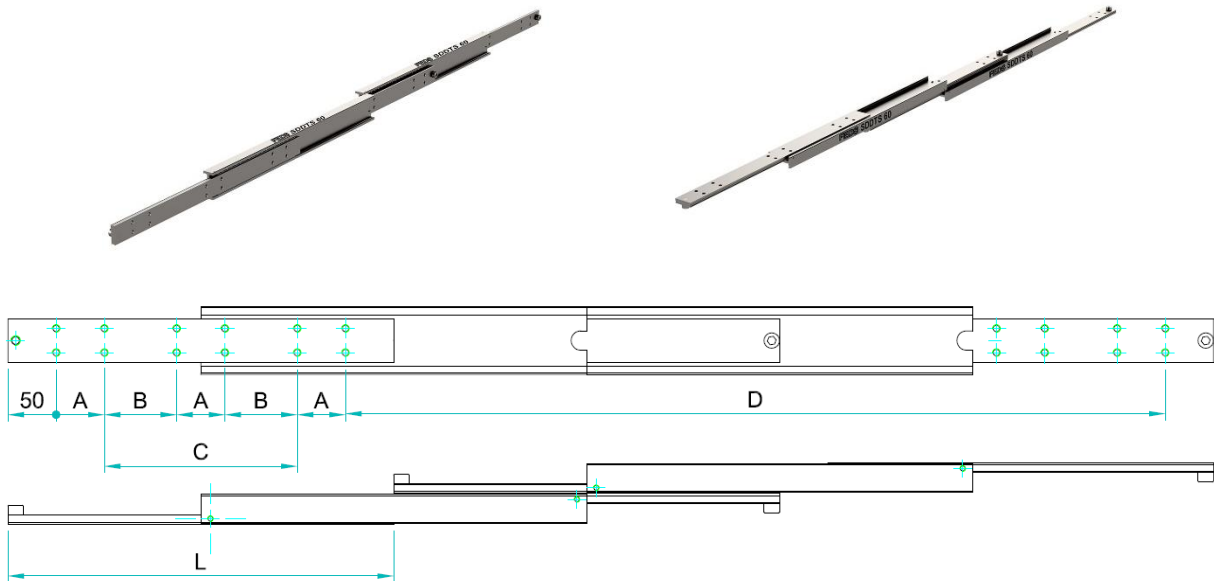
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

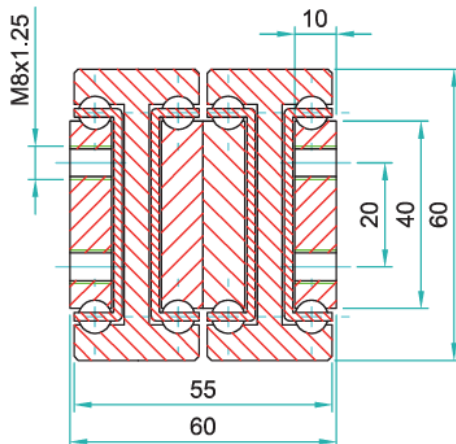



Options:

"V" - V shape channel raceways

"F" - one outer beam countersunk

"FF"- both outer beams countersunk



SDDTS-6060 weights 17.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDDTS6060.0200	200	400	95	50	-	-
SDDTS6060.0250	250	500	100	50	-	50
SDDTS6060.0300	300	600	110	50	-	100
SDDTS6060.0350	350	700	112	50	-	150
SDDTS6060.0400	400	800	114	50	-	200
SDDTS6060.0450	450	900	116	50	-	250
SDDTS6060.0500	500	1000	118	50	-	300
SDDTS6060.0550	550	1100	120	50	150	-
SDDTS6060.0600	600	1200	115	50	175	-
SDDTS6060.0650	650	1300	110	50	200	-
SDDTS6060.0700	700	1400	105	50	225	-
SDDTS6060.0750	750	1500	100	50	250	-
SDDTS6060.0800	800	1600	95	50	275	-
SDDTS6060.0850	850	1700	90	50	300	-
SDDTS6060.0900	900	1800	85	50	325	-
SDDTS6060.0950	950	1900	80	50	350	-
SDDTS6060.1000	1000	2000	75	50	375	-
SDDTS6060.1050	1050	2100	70	50	400	-
SDDTS6060.1100	1100	2200	65	50	425	-
SDDTS6060.1150	1150	2300	60	50	450	-
SDDTS6060.1200	1200	2400	55	50	475	-
SDDTS6060.1250	1250	2500	50	50	475	-
SDDTS6060.1300	1300	2600	45	50	475	-
SDDTS6060.1350	1350	2700	40	50	475	-
SDDTS6060.1400	1400	2800	35	50	475	-



Do not dismantle the slide!

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

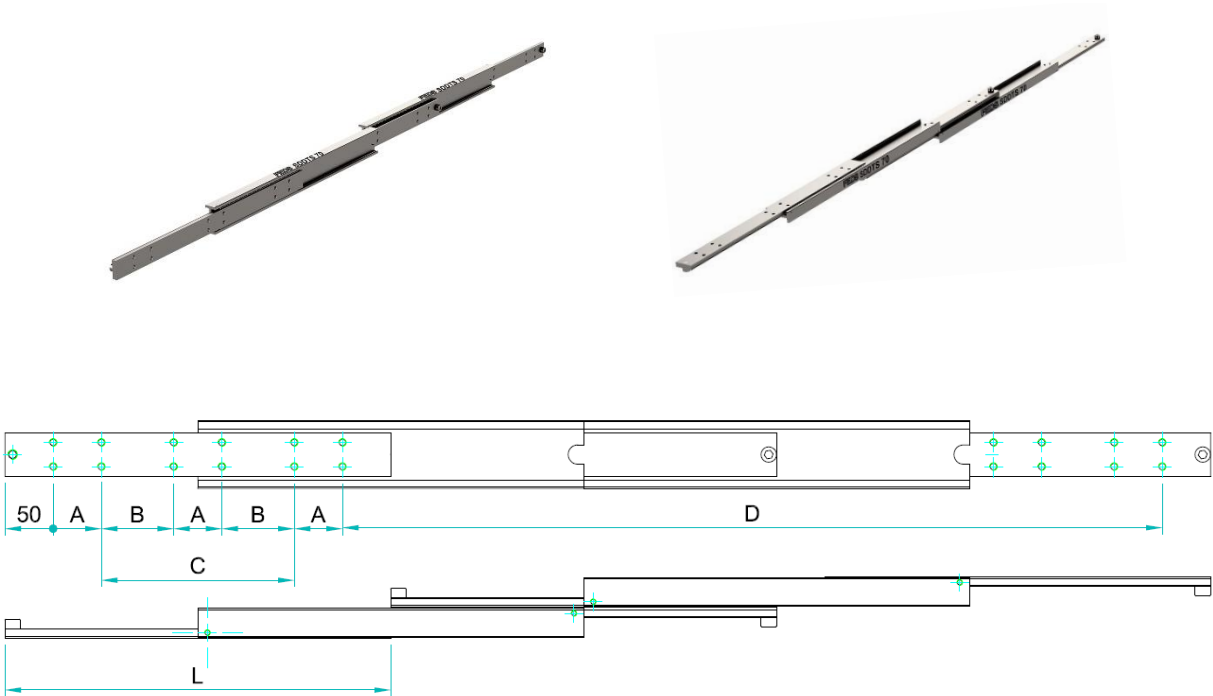
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

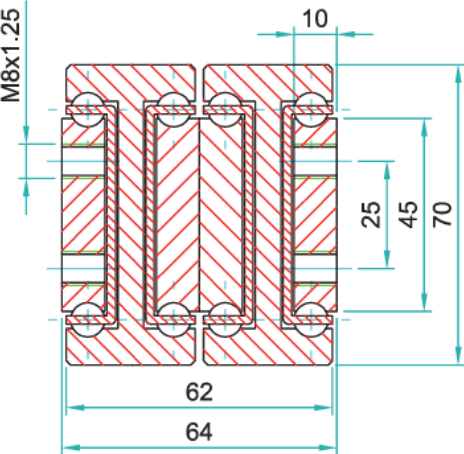
Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



SDDTS-7064 weights 27.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDDTS7064.0200	200	400	100	50	-	-
SDDTS7064.0250	250	500	110	50	-	50
SDDTS7064.0300	300	600	120	50	-	100
SDDTS7064.0350	350	700	122	50	-	150
SDDTS7064.0400	400	800	124	50	-	200
SDDTS7064.0450	450	900	126	50	-	250
SDDTS7064.0500	500	1000	128	50	-	300
SDDTS7064.0550	550	1100	130	50	150	-
SDDTS7064.0600	600	1200	125	50	175	-
SDDTS7064.0650	650	1300	120	50	200	-
SDDTS7064.0700	700	1400	115	50	225	-
SDDTS7064.0750	750	1500	110	50	250	-
SDDTS7064.0800	800	1600	105	50	275	-
SDDTS7064.0850	850	1700	100	50	300	-
SDDTS7064.0900	900	1800	95	50	325	-
SDDTS7064.0950	950	1900	90	50	350	-
SDDTS7064.1000	1000	2000	85	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SDDTS-7064 weights 27.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDDTS7064.1050	1050	2100	80	50	400	-
SDDTS7064.1100	1100	2200	75	50	425	-
SDDTS7064.1150	1150	2300	70	50	450	-
SDDTS7064.1200	1200	2400	65	50	475	-
SDDTS7064.1250	1250	2500	60	50	500	-
SDDTS7064.1300	1300	2600	55	50	525	-
SDDTS7064.1350	1350	2700	50	50	550	-
SDDTS7064.1400	1400	2800	45	50	575	-
SDDTS7064.1450	1450	2900	40	50	600	-
SDDTS7064.1500	1500	3000	35	50	625	-
SDDTS7064.1550	1550	3100	30	50	650	-
SDDTS7064.1600	1600	3200	25	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

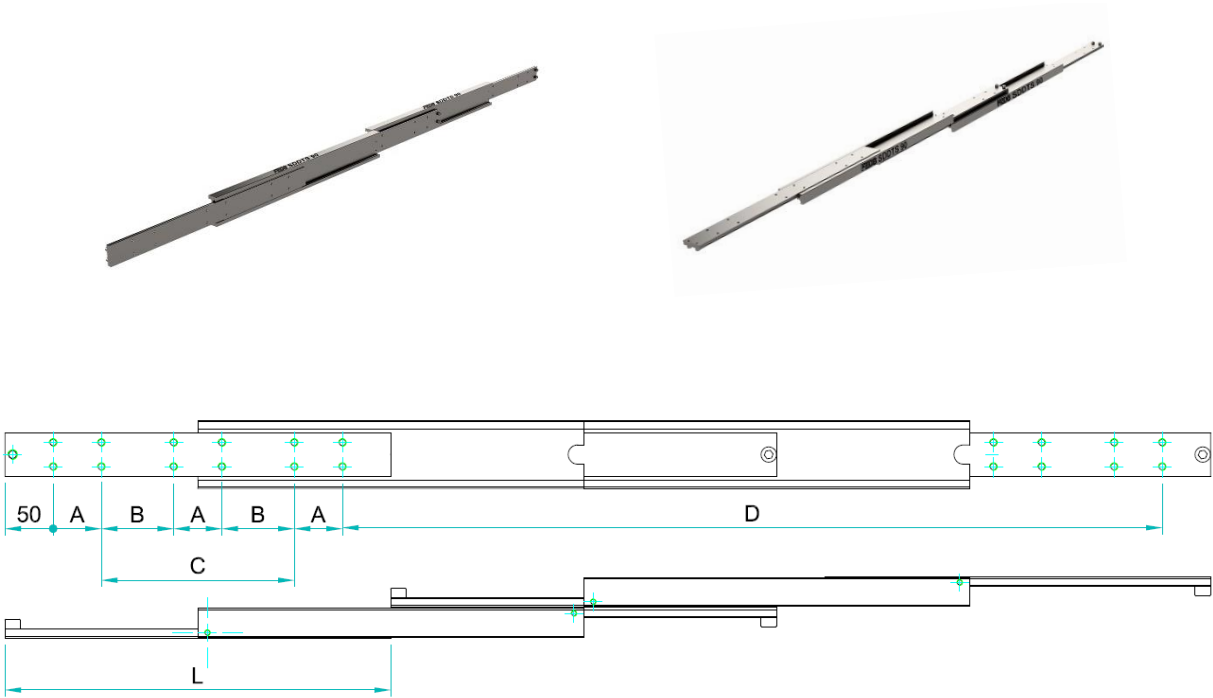
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

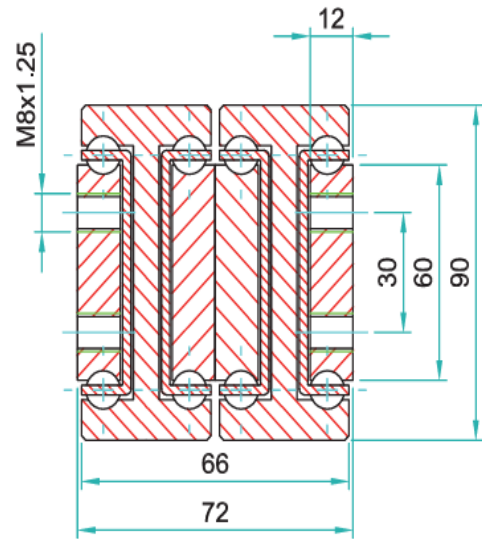
Temperature range: Cryogenic to ≈800° C with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



SDDTS-9072 weights 39.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDDTS9072.0300	300	600	140	50	-	100
SDDTS9072.0350	350	700	145	50	-	150
SDDTS9072.0400	400	800	150	50	-	200
SDDTS9072.0450	450	900	155	50	-	250
SDDTS9072.0500	500	1000	160	50	-	300
SDDTS9072.0550	550	1100	165	50	150	-
SDDTS9072.0600	600	1200	170	50	175	-
SDDTS9072.0650	650	1300	160	50	200	-
SDDTS9072.0700	700	1400	150	50	225	-
SDDTS9072.0750	750	1500	140	50	250	-
SDDTS9072.0800	800	1600	135	50	275	-
SDDTS9072.0850	850	1700	130	50	300	-
SDDTS9072.0900	900	1800	125	50	325	-
SDDTS9072.0950	950	1900	120	50	350	-
SDDTS9072.1000	1000	2000	115	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SDDTS-9072 weights 39.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDDTS9072.1050	1050	2100	110	50	400	-
SDDTS9072.1100	1100	2200	105	50	425	-
SDDTS9072.1150	1150	2300	100	50	450	-
SDDTS9072.1200	1200	2400	95	50	475	-
SDDTS9072.1250	1250	2500	90	50	500	-
SDDTS9072.1300	1300	2600	85	50	525	-
SDDTS9072.1350	1350	2700	80	50	550	-
SDDTS9072.1400	1400	2800	75	50	575	-
SDDTS9072.1450	1450	2900	70	50	600	-
SDDTS9072.1500	1500	3000	65	50	625	-
SDDTS9072.1550	1550	3100	60	50	650	-
SDDTS9072.1600	1600	3200	55	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

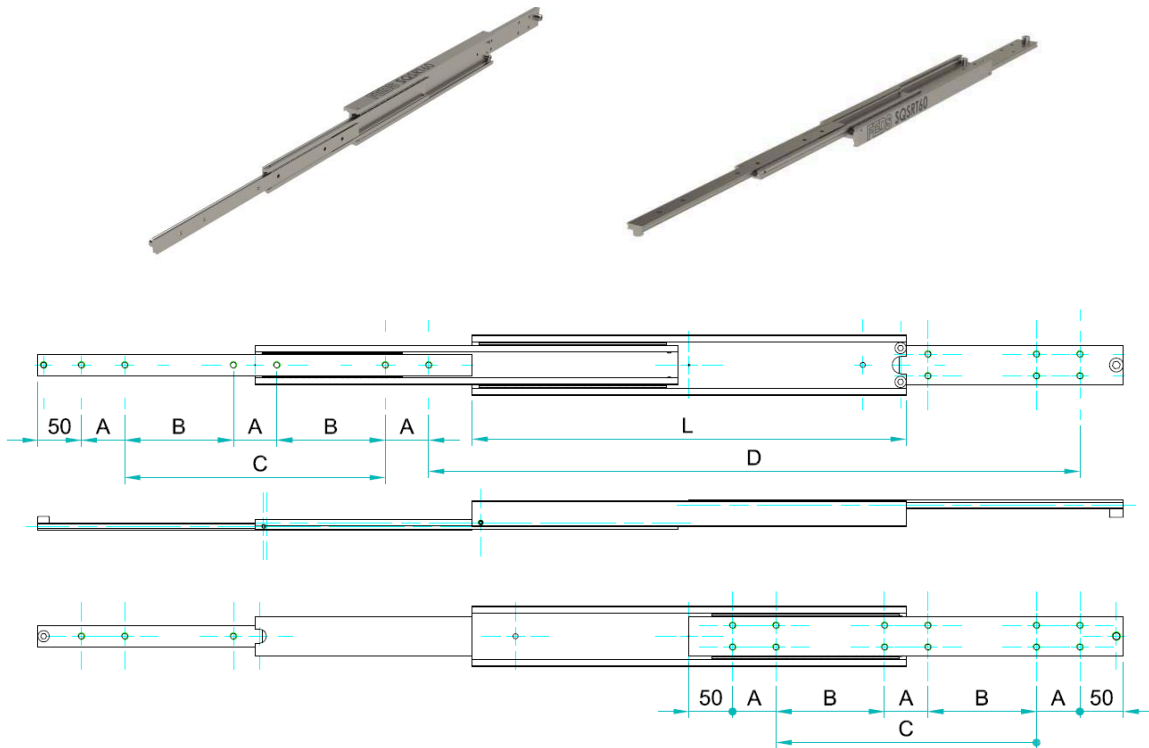
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

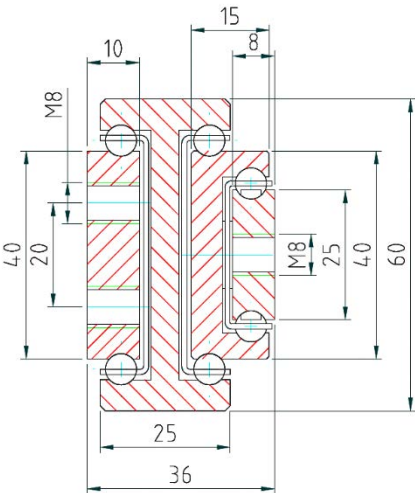
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF" - both outer beams countersunk



SQSRT-6036 weights 15.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SQSRT6036.0200	200	300	70	50	-	-
SQSRT6036.0250	250	375	80	50	-	50
SQSRT6036.0300	300	450	85	50	-	100
SQSRT6036.0350	350	525	90	50	-	150
SQSRT6036.0400	400	600	100	50	-	200
SQSRT6036.0450	450	675	110	50	-	250
SQSRT6036.0500	500	750	120	50	-	300
SQSRT6036.0550	550	825	130	50	150	-
SQSRT6036.0600	600	900	140	50	175	-
SQSRT6036.0650	650	975	135	50	200	-
SQSRT6036.0700	700	1050	130	50	225	-
SQSRT6036.0750	750	1125	125	50	250	-
SQSRT6036.0800	800	1200	120	50	275	-
SQSRT6036.0850	850	1275	115	50	300	-
SQSRT6036.0900	900	1350	110	50	325	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SQSRT-6036 weights 15.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SQSRT6036.1050	1050	1575	95	50	400	-
SQSRT6036.1100	1100	1650	90	50	425	-
SQSRT6036.1150	1150	1725	85	50	450	-
SQSRT6036.1200	1200	1800	80	50	475	-
SQSRT6036.1250	1250	1875	75	50	500	-
SQSRT6036.1300	1300	1950	70	50	525	-
SQSRT6036.1350	1350	2025	68	50	550	-
SQSRT6036.1400	1400	2100	66	50	575	-
SQSRT6036.1450	1450	2175	64	50	600	-
SQSRT6036.1500	1300	2250	62	50	625	-
SQSRT6036.1550	1350	2325	60	50	650	-
SQSRT6036.1600	1400	2400	58	50	675	-

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

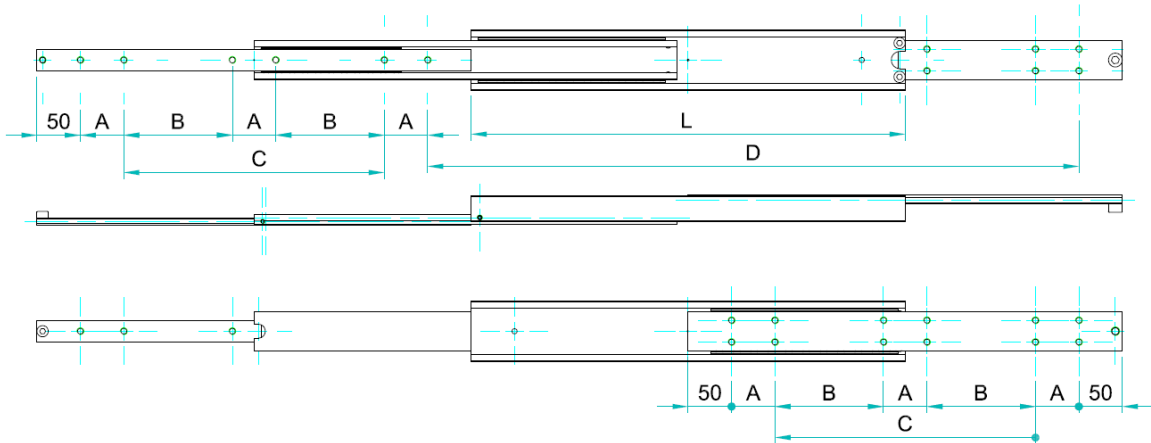
Ball bearings: Stainless 316L (1.4404)

End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

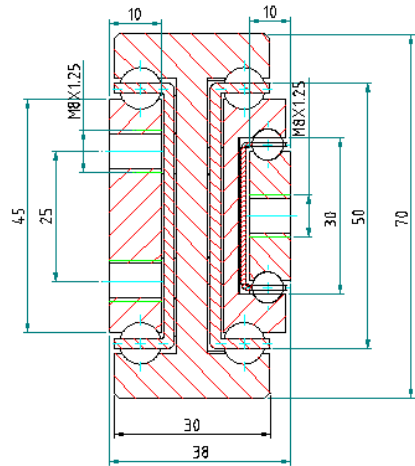
Temperature range: Cryogenic to ≈800° C with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request



Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF" - both outer beams countersunk



SQSRT-7038 weight 13.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SQSRT7038.0300	300	450	190	50	-	100
SQSRT7038.0350	350	525	195	50	-	150
SQSRT7038.0400	400	600	200	50	-	200
SQSRT7038.0450	450	675	205	50	-	250
SQSRT7038.0500	500	750	210	50	-	300
SQSRT7038.0550	550	825	215	50	150	-
SQSRT7038.0600	600	900	220	50	175	-
SQSRT7038.0650	650	975	215	50	200	-
SQSRT7038.0700	700	1050	210	50	225	-
SQSRT7038.0750	750	1125	205	50	250	-
SQSRT7038.0800	800	1200	200	50	275	-
SQSRT7038.0850	850	1275	195	50	300	-
SQSRT7038.0900	900	1350	190	50	325	-
SQSRT7038.0950	950	1425	185	50	350	-
SQSRT7038.1000	1000	1500	180	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SQSRT-7038 weight 13.9 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SQSRT7038.1050	1050	1575	175	50	400	-
SQSRT7038.1100	1100	1650	170	50	425	-
SQSRT7038.1150	1150	1725	165	50	450	-
SQSRT7038.1200	1200	1800	160	50	475	-
SQSRT7038.1250	1250	1875	155	50	500	-
SQSRT7038.1300	1300	1950	150	50	525	-
SQSRT7038.1350	1350	2025	145	50	550	-
SQSRT7038.1400	1400	2100	140	50	575	-
SQSRT7038.1450	1450	2175	135	50	600	-
SQSRT7038.1500	1300	2250	130	50	625	-
SQSRT7038.1550	1350	2325	125	50	650	-
SQSRT7038.1600	1400	2400	120	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

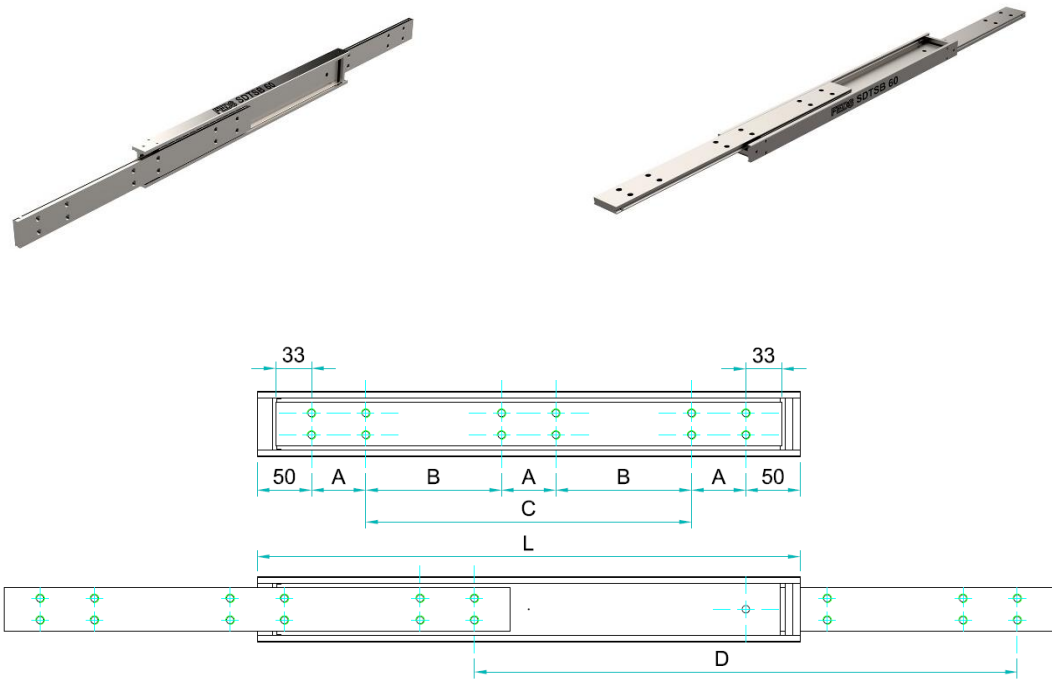
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to ≈800° C with suitable lubrication & material yield strength reduction

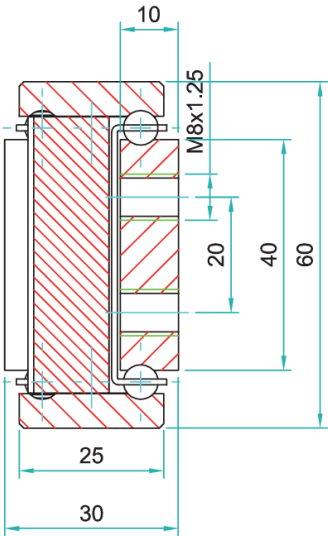
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk



SDTSB-6030 weighs 10.3 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTSB6030.0200	200	200	360	50	-	-
SDTSB6030.0250	250	250	370	50	-	50
SDTSB6030.0300	300	300	380	50	-	100
SDTSB6030.0350	350	350	390	50	-	150
SDTSB6030.0400	400	400	400	50	-	200
SDTSB6030.0450	450	450	410	50	-	250
SDTSB6030.0500	500	500	420	50	-	300
SDTSB6030.0550	550	550	430	50	-	350
SDTSB6030.0600	600	600	440	50	-	400
SDTSB6030.0650	650	650	420	50	200	-
SDTSB6030.0700	700	700	400	50	225	-
SDTSB6030.0750	750	750	380	50	250	-
SDTSB6030.0800	800	800	360	50	275	-
SDTSB6030.0850	850	850	340	50	300	-
SDTSB6030.0900	900	900	320	50	325	-
SDTSB6030.0950	950	950	300	50	350	-
SDTSB6030.1000	1000	1000	280	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SDTSB-6030 weighs 10.3 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTSB6030.1050	1050	1050	270	50	400	-
SDTSB6030.1100	1100	1100	260	50	425	-
SDTSB6030.1150	1150	1150	250	50	450	-
SDTSB6030.1200	1200	1200	240	50	475	-
SDTSB6030.1250	1250	1250	235	50	500	-
SDTSB6030.1300	1300	1300	230	50	525	-
SDTSB6030.1350	1350	1350	225	50	550	-
SDTSB6030.1400	1400	1400	220	50	575	-
SDTSB6030.1450	1450	1450	215	50	600	-
SDTSB6030.1500	1500	1500	210	50	625	-
SDTSB6030.1550	1550	1550	205	50	650	-
SDTSB6030.1600	1600	1600	200	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

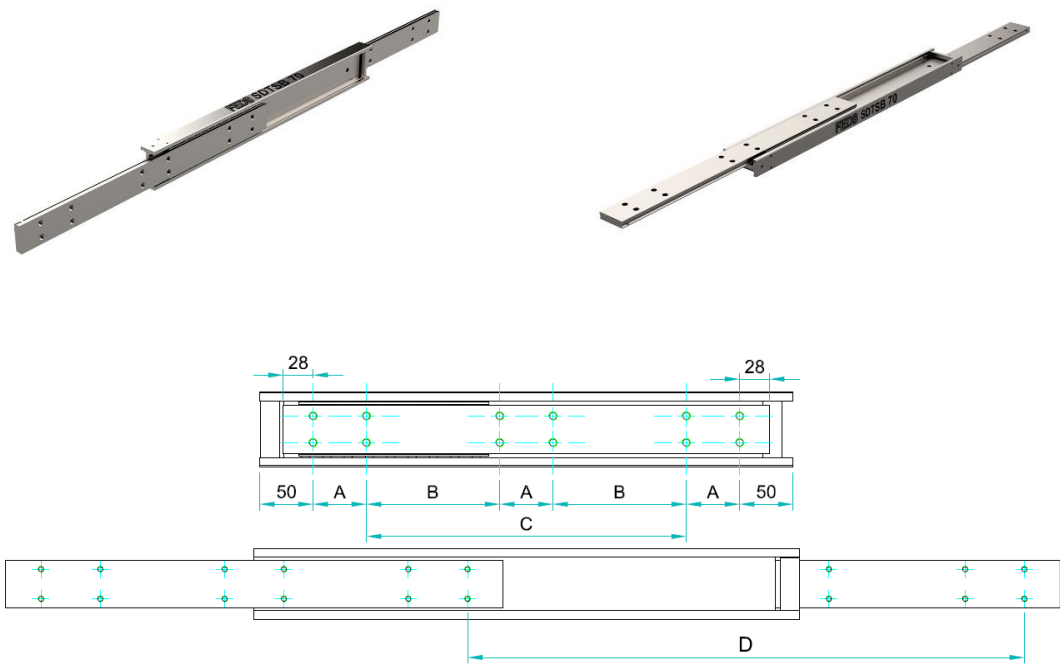
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

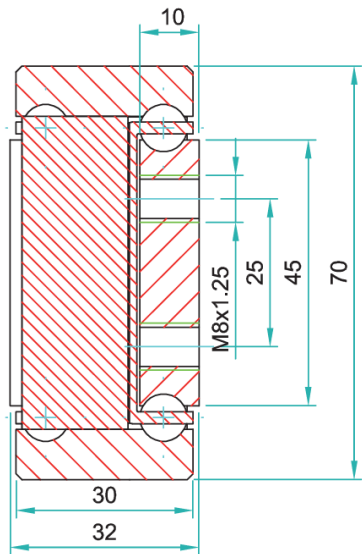
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk



SDTSB-7032 weights 13.3 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTSB7032.0200	200	200	400	50	-	-
SDTSB7032.0250	250	250	410	50	-	50
SDTSB7032.0300	300	300	420	50	-	100
SDTSB7032.0350	350	350	430	50	-	150
SDTSB7032.0400	400	400	440	50	-	200
SDTSB7032.0450	450	450	450	50	-	250
SDTSB7032.0500	500	500	460	50	-	300
SDTSB7032.0550	550	550	470	50	-	350
SDTSB7032.0600	600	600	480	50	-	400
SDTSB7032.0650	650	650	460	50	200	-
SDTSB7032.0700	700	700	440	50	225	-
SDTSB7032.0750	750	750	420	50	250	-
SDTSB7032.0800	800	800	400	50	275	-
SDTSB7032.0850	850	850	380	50	300	-
SDTSB7032.0900	900	900	360	50	325	-
SDTSB7032.0950	950	950	340	50	350	-
SDTSB7032.1000	1000	1000	320	50	375	-
SDTSB7032.1050	1050	1050	310	50	400	-
SDTSB7032.1100	1100	1100	300	50	425	-
SDTSB7032.1150	1150	1150	290	50	450	-
SDTSB7032.1200	1200	1200	280	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SDTSB-7032 weights 13.3 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTSB7032.1250	1250	1250	270	50	500	-
SDTSB7032.1300	1300	1300	260	50	525	-
SDTSB7032.1350	1350	1350	250	50	550	-
SDTSB7032.1400	1400	1400	240	50	575	-
SDTSB7032.1450	1450	1450	230	50	600	-
SDTSB7032.1500	1500	1500	220	50	625	-
SDTSB7032.1550	1550	1550	210	50	650	-
SDTSB7032.1600	1600	1600	205	50	675	-
SDTSB7032.1650	1650	1650	200	50	700	-
SDTSB7032.1700	1700	1700	195	100	650	-
SDTSB7032.1750	1750	1750	190	100	675	-
SDTSB7032.1800	1800	1800	185	100	700	-
SDTSB7032.1850	1850	1850	180	100	725	-
SDTSB7032.1900	1900	1900	175	100	750	-
SDTSB7032.1950	1950	1950	165	100	775	-
SDTSB7032.2000	2000	2000	160	100	800	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball cages: Stainless 316L (1.4404)

Ball bearings: Stainless 316L (1.4404)

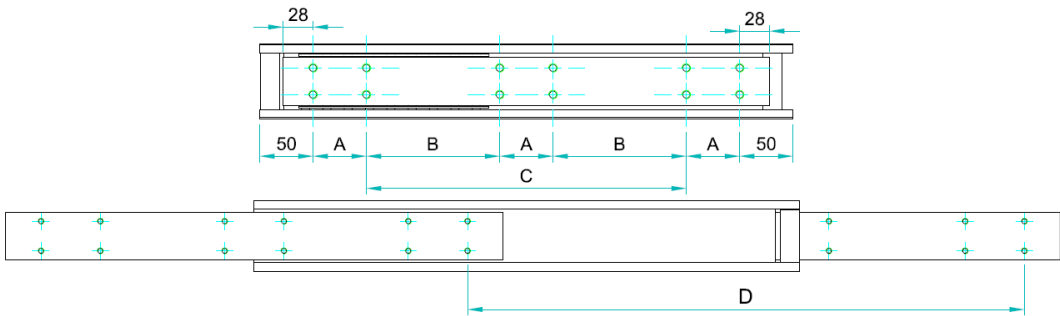
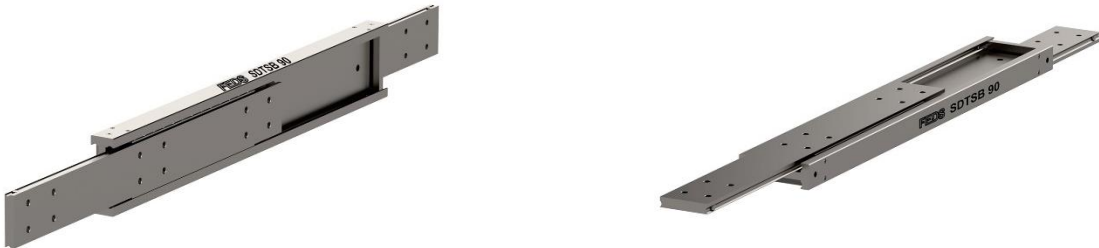
End Bolts: Stainless A2 304 (1.4301)

Steel surface protection: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

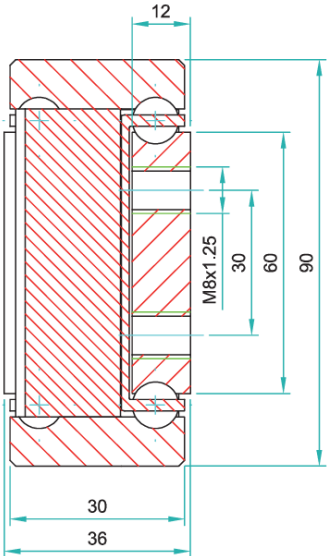
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request





Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk



SDTSB-9036 weights 19.2 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTSB9036.0200	200	200	460	50	-	-
SDTSB9036.0250	250	250	480	50	-	50
SDTSB9036.0300	300	300	500	50	-	100
SDTSB9036.0350	350	350	525	50	-	150
SDTSB9036.0400	400	400	550	50	-	200
SDTSB9036.0450	450	450	575	50	-	250
SDTSB9036.0500	500	500	600	50	-	300
SDTSB9036.0550	550	550	580	50	-	350
SDTSB9036.0600	600	600	560	50	-	400
SDTSB9036.0650	650	650	540	50	200	-
SDTSB9036.0700	700	700	520	50	225	-
SDTSB9036.0750	750	750	500	50	250	-
SDTSB9036.0800	800	800	480	50	275	-
SDTSB9036.0850	850	850	460	50	300	-
SDTSB9036.0900	900	900	440	50	325	-
SDTSB9036.0950	950	950	420	50	350	-
SDTSB9036.1000	1000	1000	400	50	375	-
SDTSB9036.1050	1050	1050	390	50	400	-
SDTSB9036.1100	1100	1100	380	50	425	-
SDTSB9036.1150	1150	1150	370	50	450	-
SDTSB9036.1200	1200	1200	360	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

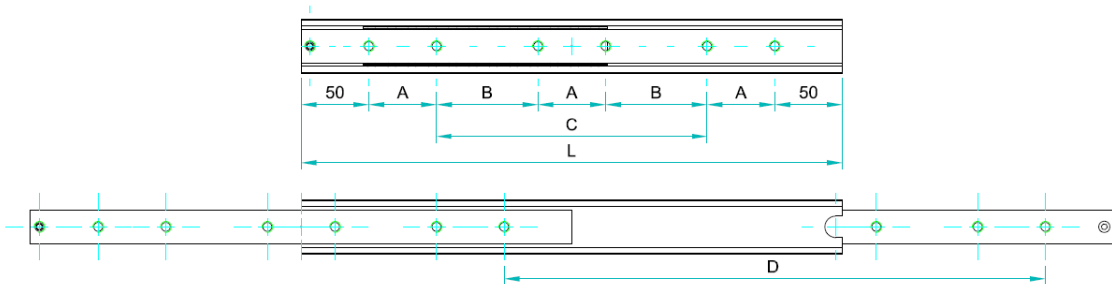
Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

SDTSB-9036 weights 19.2 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
SDTSB9036.1250	1250	1250	350	50	500	-
SDTSB9036.1300	1300	1300	340	50	525	-
SDTSB9036.1350	1350	1350	330	50	550	-
SDTSB9036.1400	1400	1400	320	50	575	-
SDTSB9036.1450	1450	1450	315	50	600	-
SDTSB9036.1500	1500	1500	310	50	625	-
SDTSB9036.1550	1550	1550	305	50	650	-
SDTSB9036.1600	1600	1600	300	50	675	-
SDTSB9036.1650	1650	1650	295	50	700	-
SDTSB9036.1700	1700	1700	290	100	650	-
SDTSB9036.1750	1750	1750	285	100	675	-
SDTSB9036.1800	1800	1800	280	100	700	-
SDTSB9036.1850	1850	1850	275	100	725	-
SDTSB9036.1900	1900	1900	270	100	750	-
SDTSB9036.1950	1950	1950	265	100	775	-
SDTSB9036.2000	2000	2000	260	100	800	-
SDTSB9036.2100	2100	2100	240	100	850	-
SDTSB9036.2200	2200	2200	220	100	900	-
SDTSB9036.2300	2300	2300	200	100	950	-
SDTSB9036.2400	2400	2400	180	100	1000	-
SDTSB9036.2500	2500	2500	160	100	1050	-

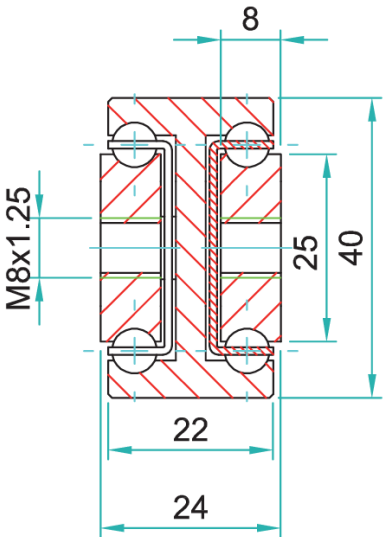
Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material: All austenitic stainless-steel parts**Beams:** Stainless 316L (1.4404) precision milled**Ball cages:** Stainless 316L (1.4404)**Ball bearings:** Stainless 316L (1.4404)**End Bolts:** Stainless A2 304 (1.4301)**Steel surface protection:** Polished**Temperature range:** Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction**Lubrication:** We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request



Options:

- "V" - V shape channel raceways
- "F" - one outer beam countersunk
- "FF"- both outer beams countersunk



Type: ADTS-4024 weights 2.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTS4024.0200	200	200	85	50	-	-
ADTS4024.0250	250	250	90	50	-	50
ADTS4024.0300	300	300	95	50	-	100
ADTS4024.0350	350	350	100	50	-	150
ADTS4024.0400	400	400	105	50	-	200
ADTS4024.0450	450	450	110	50	-	250
ADTS4024.0500	500	500	115	50	-	300
ADTS4024.0550	550	550	120	50	150	-
ADTS4024.0600	600	600	125	50	175	-
ADTS4024.0650	650	650	120	50	200	-
ADTS4024.0700	700	700	115	50	225	-
ADTS4024.0750	750	750	110	50	250	-
ADTS4024.0800	800	800	105	50	275	-
ADTS4024.0850	850	850	100	50	300	-
ADTS4024.0900	900	900	95	50	325	-
ADTS4024.0950	950	950	90	50	350	-
ADTS4024.1000	1000	1000	85	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Type: ADTS-4024 weights 2.3

Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTS4024.1050	1050	1050	80	50	400	-
ADTS4024.1100	1100	1100	75	50	425	-
ADTS4024.1150	1150	1150	70	50	450	-
ADTS4024.1200	1200	1200	65	50	475	-
ADTS4024.1250	1250	1250	60	50	500	-
ADTS4024.1300	1300	1300	55	50	525	-
ADTS4024.1350	1350	1350	50	50	550	-
ADTS4024.1400	1400	1400	45	50	575	-
ADTS4024.1450	1450	1450	40	50	600	-
ADTS4024.1500	1500	1500	35	50	625	-
ADTS4024.1550	1550	1550	30	50	650	-
ADTS4024.1600	1600	1600	25	50	675	-

Installation tolerance:

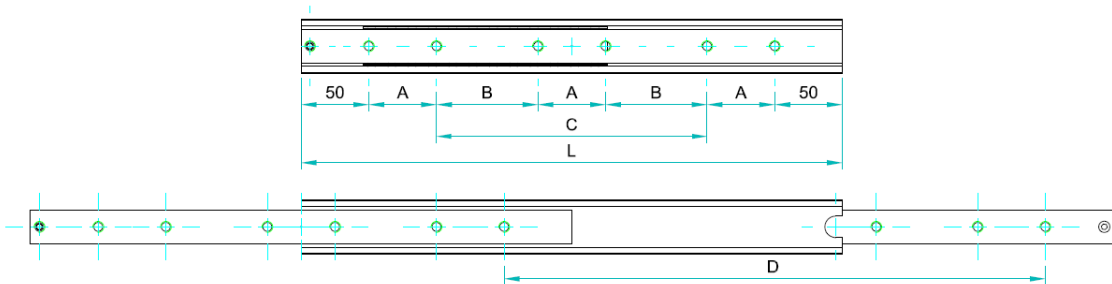
Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

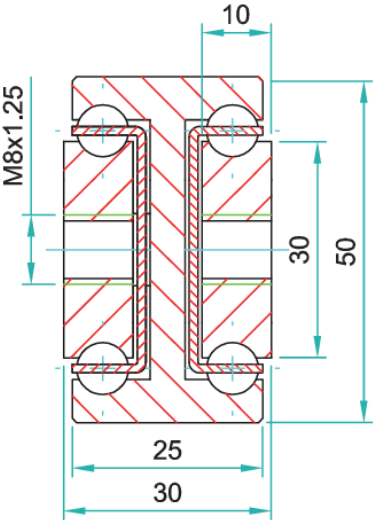
Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:**Beams:** EN-AW 6082 T6, anodized acc. BS1615 AA10**Ball cages:** Stainless Steel 316L (1.4404), Laser cut profiles.**Ball bearings:** Stainless Steel 316L (1.4404)**End Bolts:** Stainless A2 304 (1.4301)**Surface protection:** Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.**Maximum temperature:** We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion



Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



Type: ADTS-5030 weights 3.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTS5030.0200	200	200	110	50	-	-
ADTS5030.0250	250	250	120	50	-	50
ADTS5030.0300	300	300	130	50	-	100
ADTS5030.0350	350	350	140	50	-	150
ADTS5030.0400	400	400	150	50	-	200
ADTS5030.0450	450	450	160	50	-	250
ADTS5030.0500	500	500	170	50	-	300
ADTS5030.0550	550	550	180	50	150	-
ADTS5030.0600	600	600	175	50	175	-
ADTS5030.0650	650	650	170	50	200	-
ADTS5030.0700	700	700	165	50	225	-
ADTS5030.0750	750	750	160	50	250	-
ADTS5030.0800	800	800	155	50	275	-
ADTS5030.0850	850	850	150	50	300	-
ADTS5030.0900	900	900	145	50	325	-
ADTS5030.0950	950	950	140	50	350	-
ADTS5030.1000	1000	1000	135	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Type: ADTS-5030 weights 3.5

Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTS5030.1050	1050	1050	130	50	400	-
ADTS5030.1100	1100	1100	125	50	425	-
ADTS5030.1150	1150	1150	120	50	450	-
ADTS5030.1200	1200	1200	115	50	475	-
ADTS5030.1250	1250	1250	108	50	500	-
ADTS5030.1300	1300	1300	100	50	525	-
ADTS5030.1350	1350	1350	92	50	550	-
ADTS5030.1400	1400	1400	84	50	575	-
ADTS5030.1450	1450	1450	76	50	600	-
ADTS5030.1500	1500	1500	66	50	625	-
ADTS5030.1550	1550	1550	55	50	650	-
ADTS5030.1600	1600	1600	45	50	675	-

Installation tolerance:

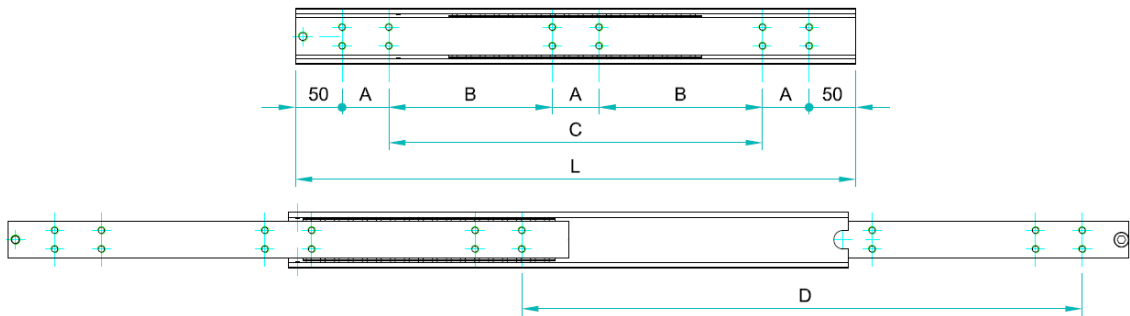
Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

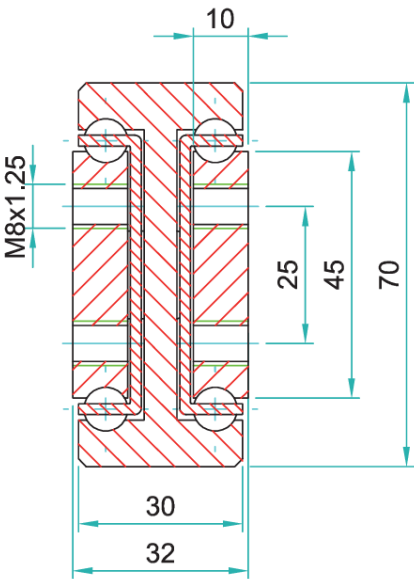
Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:**Beams:** EN-AW 6082 T6, anodized acc. BS1615 AA10**Ball cages:** Stainless Steel 316L (1.4404), Laser cut profiles.**Ball bearings:** Stainless Steel 316L (1.4404)**End Bolts:** Stainless A2 304 (1.4301)**Surface protection:** Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.**Maximum temperature:** We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion



- Options:**
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



Type: ADTS-7032 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTS7032.0200	200	200	240	50	-	-
ADTS7032.0250	250	250	250	50	-	50
ADTS7032.0300	300	300	260	50	-	100
ADTS7032.0350	350	350	270	50	-	150
ADTS7032.0400	400	400	280	50	-	200
ADTS7032.0450	450	450	290	50	-	250
ADTS7032.0500	500	500	300	50	-	300
ADTS7032.0550	550	550	315	50	150	-
ADTS7032.0600	600	600	330	50	175	-
ADTS7032.0650	650	650	320	50	200	-
ADTS7032.0700	700	700	310	50	225	-
ADTS7032.0750	750	750	300	50	250	-
ADTS7032.0800	800	800	290	50	275	-
ADTS7032.0850	850	850	280	50	300	-
ADTS7032.0900	900	900	270	50	325	-
ADTS7032.0950	950	950	260	50	350	-
ADTS7032.1000	1000	1000	250	50	375	-
ADTS7032.1050	1050	1050	240	50	400	-
ADTS7032.1100	1100	1100	230	50	425	-
ADTS7032.1150	1150	1150	220	50	450	-
ADTS7032.1200	1200	1200	210	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: ADTS-7032 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTS7032.1250	1250	1250	200	50	500	-
ADTS7032.1300	1300	1300	190	50	525	-
ADTS7032.1350	1350	1350	180	50	550	-
ADTS7032.1400	1400	1400	170	50	575	-
ADTS7032.1450	1450	1450	160	50	600	-
ADTS7032.1500	1500	1500	155	50	625	-
ADTS7032.1550	1550	1550	150	50	650	-
ADTS7032.1600	1600	1600	145	50	675	-
ADTS7032.1650	1650	1650	140	50	700	
ADTS7032.1700	1700	1700	135	100	650	
ADTS7032.1750	1750	1750	130	100	675	
ADTS7032.1800	1800	1800	125	100	700	
ADTS7032.1850	1850	1850	120	100	725	
ADTS7032.1900	1900	1900	115	100	750	
ADTS7032.1950	1950	1950	110	100	775	
ADTS7032.2000	2000	2000	105	100	800	

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:

Beams: EN-AW 6082 T6, anodized acc. BS1615 AA10

Ball cages: Stainless Steel 316L (1.4404), Laser cut profiles.

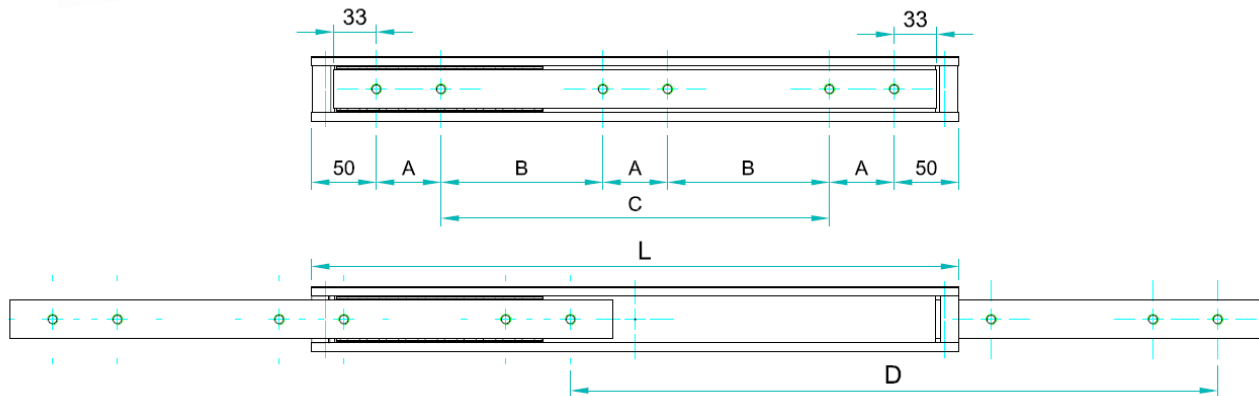
Ball bearings: Stainless Steel 316L (1.4404)

End Bolts: Stainless A2 304 (1.4301)

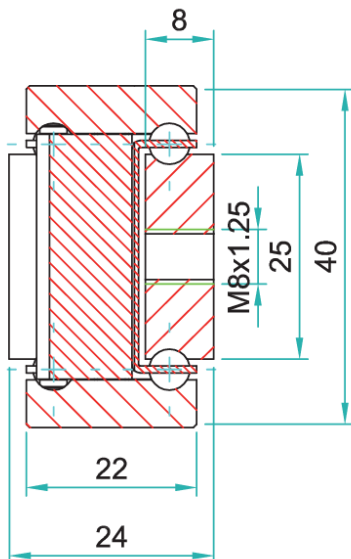
Surface protection: Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.

Maximum temperature: We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion



**Options:**

"V" - V shape channel raceways
 "F" - one outer beam countersunk
 "FF" - both outer beams countersunk



Type: ADTSB-4024 weights 2.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTSB4024.0200	200	200	85	50	-	-
ADTSB4024.0250	250	250	90	50	-	50
ADTSB4024.0300	300	300	95	50	-	100
ADTSB4024.0350	350	350	100	50	-	150
ADTSB4024.0400	400	400	105	50	-	200
ADTSB4024.0450	450	450	110	50	-	250
ADTSB4024.0500	500	500	115	50	-	300
ADTSB4024.0550	550	550	120	50	150	-
ADTSB4024.0600	600	600	125	50	175	-
ADTSB4024.0650	650	650	120	50	200	-
ADTSB4024.0700	700	700	115	50	225	-
ADTSB4024.0750	750	750	110	50	250	-
ADTSB4024.0800	800	800	105	50	275	-
ADTSB4024.0850	850	850	100	50	300	-
ADTSB4024.0900	900	900	95	50	325	-
ADTSB4024.0950	950	950	90	50	350	-
ADTSB4024.1000	1000	1000	85	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: ADTSB-4024 weights 2.2						
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTSB4024.1050	1050	1050	80	50	400	-
ADTSB4024.1100	1100	1100	75	50	425	-
ADTSB4024.1150	1150	1150	70	50	450	-
ADTSB4024.1200	1200	1200	65	50	475	-
ADTSB4024.1250	1250	1250	60	50	500	-
ADTSB4024.1300	1300	1300	55	50	525	-
ADTSB4024.1350	1350	1350	50	50	550	-
ADTSB4024.1400	1400	1400	45	50	575	-
ADTSB4024.1450	1450	1450	40	50	600	-
ADTSB4024.1500	1500	1500	35	50	625	-
ADTSB4024.1550	1550	1550	30	50	650	-
ADTSB4024.1600	1600	1600	25	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:

Beams: EN-AW 6082 T6, anodized acc. BS1615 AA10

Ball cages: Stainless Steel 316L (1.4404), Laser cut profiles.

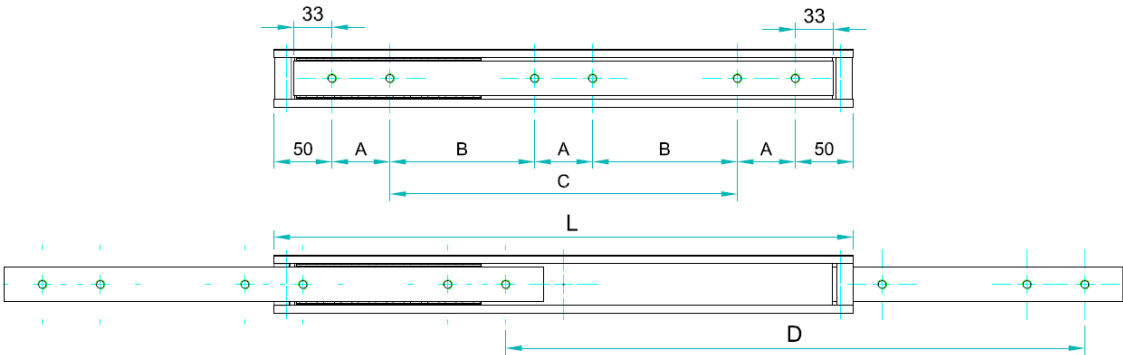
Ball bearings: Stainless Steel 316L (1.4404)

End Bolts: Stainless A2 304 (1.4301)

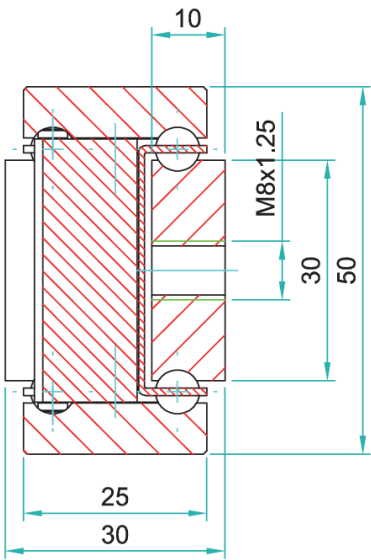
Surface protection: Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.

Maximum temperature: We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



Type: ADTSB-5030 weights 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTSB5030.0200	200	200	110	50	-	-
ADTSB5030.0250	250	250	120	50	-	50
ADTSB5030.0300	300	300	130	50	-	100
ADTSB5030.0350	350	350	140	50	-	150
ADTSB5030.0400	400	400	150	50	-	200
ADTSB5030.0450	450	450	160	50	-	250
ADTSB5030.0500	500	500	170	50	-	300
ADTSB5030.0550	550	550	180	50	150	-
ADTSB5030.0600	600	600	175	50	175	-
ADTSB5030.0650	650	650	170	50	200	-
ADTSB5030.0700	700	700	165	50	225	-
ADTSB5030.0750	750	750	160	50	250	-
ADTSB5030.0800	800	800	155	50	275	-
ADTSB5030.0850	850	850	150	50	300	-
ADTSB5030.0900	900	900	145	50	325	-
ADTSB5030.0950	950	950	140	50	350	-
ADTSB5030.1000	1000	1000	135	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%.
 We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: ADTSB-5030 weights 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTSB5030.1050	1050	1050	130	50	400	-
ADTSB5030.1100	1100	1100	125	50	425	-
ADTSB5030.1150	1150	1150	120	50	450	-
ADTSB5030.1200	1200	1200	115	50	475	-
ADTSB5030.1250	1250	1250	108	50	500	-
ADTSB5030.1300	1300	1300	100	50	525	-
ADTSB5030.1350	1350	1350	92	50	550	-
ADTSB5030.1400	1400	1400	84	50	575	-
ADTSB5030.1450	1450	1450	76	50	600	-
ADTSB5030.1500	1500	1500	66	50	625	-
ADTSB5030.1550	1550	1550	55	50	650	-
ADTSB5030.1600	1600	1600	45	50	675	-

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:

Beams: EN-AW 6082 T6, anodized acc. BS1615 AA10

Ball cages: Stainless Steel 316L (1.4404), Laser cut profiles.

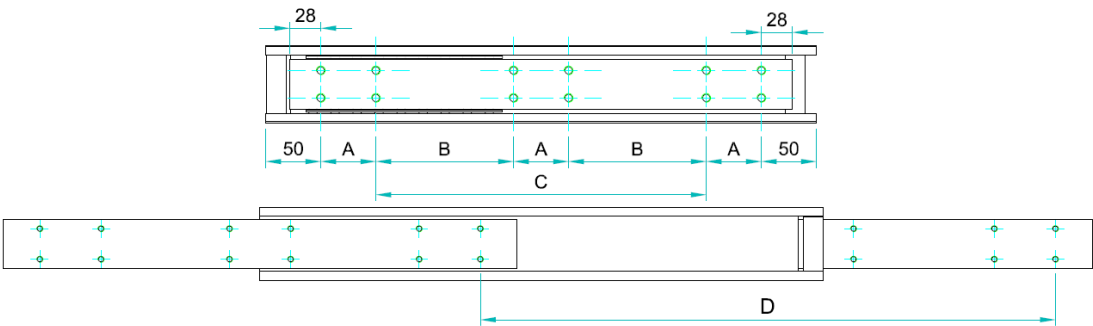
Ball bearings: Stainless Steel 316L (1.4404)

End Bolts: Stainless A2 304 (1.4301)

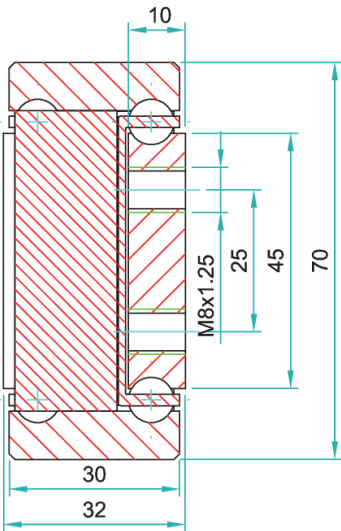
Surface protection: Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.

Maximum temperature: We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



Type: ADTSB-7032 weights 5.5 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTSB7032.0200	200	200	240	50	-	-
ADTSB7032.0250	250	250	250	50	-	50
ADTSB7032.0300	300	300	260	50	-	100
ADTSB7032.0350	350	350	270	50	-	150
ADTSB7032.0400	400	400	280	50	-	200
ADTSB7032.0450	450	450	290	50	-	250
ADTSB7032.0500	500	500	300	50	-	300
ADTSB7032.0550	550	550	315	50	150	-
ADTSB7032.0600	600	600	330	50	175	-
ADTSB7032.0650	650	650	320	50	200	-
ADTSB7032.0700	700	700	310	50	225	-
ADTSB7032.0750	750	750	300	50	250	-
ADTSB7032.0800	800	800	290	50	275	-
ADTSB7032.0850	850	850	280	50	300	-
ADTSB7032.0900	900	900	270	50	325	-
ADTSB7032.0950	950	950	260	50	350	-
ADTSB7032.1000	1000	1000	250	50	375	-
ADTSB7032.1050	1050	1050	240	50	400	-
ADTSB7032.1100	1100	1100	230	50	425	-
ADTSB7032.1150	1150	1150	220	50	450	-
ADTSB7032.1200	1200	1200	210	50	475	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Type: ADTSB-7032 weights 5.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADTSB7032.1250	1250	1250	200	50	500	-
ADTSB7032.1300	1300	1300	190	50	525	-
ADTSB7032.1350	1350	1350	180	50	550	-
ADTSB7032.1400	1400	1400	170	50	575	-
ADTSB7032.1450	1450	1450	160	50	600	-
ADTSB7032.1500	1500	1500	155	50	625	-
ADTSB7032.1550	1550	1550	150	50	650	-
ADTSB7032.1600	1600	1600	145	50	675	-
ADTSB7032.1650	1650	1650	140	50	700	
ADTSB7032.1700	1700	1700	135	100	650	
ADTSB7032.1750	1750	1750	130	100	675	
ADTSB7032.1800	1800	1800	125	100	700	
ADTSB7032.1850	1850	1850	120	100	725	
ADTSB7032.1900	1900	1900	115	100	750	
ADTSB7032.1950	1950	1950	110	100	775	
ADTSB7032.2000	2000	2000	105	100	800	

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:

Beams: EN-AW 6082 T6, anodized acc. BS1615 AA10

Ball cages: Stainless Steel 316L (1.4404), Laser cut profiles.

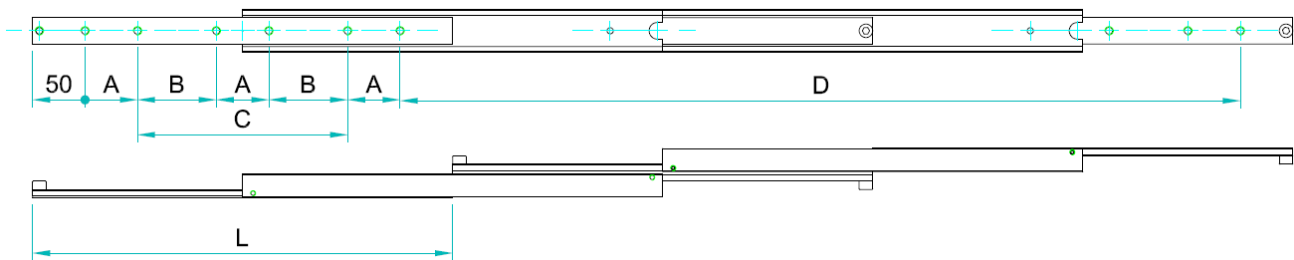
Ball bearings: Stainless Steel 316L (1.4404)

End Bolts: Stainless A2 304 (1.4301)

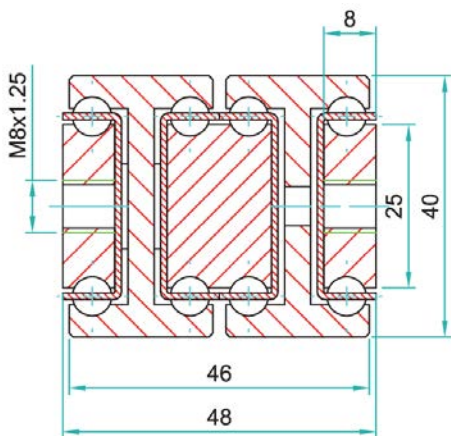
Surface protection: Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.

Maximum temperature: We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



DDTS-4048 weights 4.6 kg				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS4048.0200	200	400	38	50	-	-
DDTS4048.0250	250	500	40	50	-	50
DDTS4048.0300	300	600	42	50	-	100
DDTS4048.0350	350	700	44	50	-	150
DDTS4048.0400	400	800	46	50	-	200
DDTS4048.0450	450	900	48	50	-	250
DDTS4048.0500	500	1000	50	50	-	300
DDTS4048.0550	550	1100	48	50	150	-
DDTS4048.0600	600	1200	46	50	175	-
DDTS4048.0650	650	1300	42	50	200	-
DDTS4048.0700	700	1400	40	50	225	-
DDTS4048.0750	750	1500	39	50	250	-
DDTS4048.0800	800	1600	38	50	275	-
DDTS4048.0850	850	1700	37	50	300	-
DDTS4048.0900	900	1800	36	50	325	-
DDTS4048.0950	950	1900	35	50	350	-
DDTS4048.1000	1000	2000	34	50	375	-
DDTS4048.1050	1050	2100	33	50	400	-
DDTS4048.1100	1100	2200	32	50	425	-
DDTS4048.1150	1150	2300	30	50	450	-
DDTS4048.1200	1200	2400	28	50	475	-



Do not dismantle the slide!

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:

Beams: EN-AW 6082 T6, anodized acc. BS1615 AA10

Ball cages: Stainless Steel 316L (1.4404), Laser cut profiles.

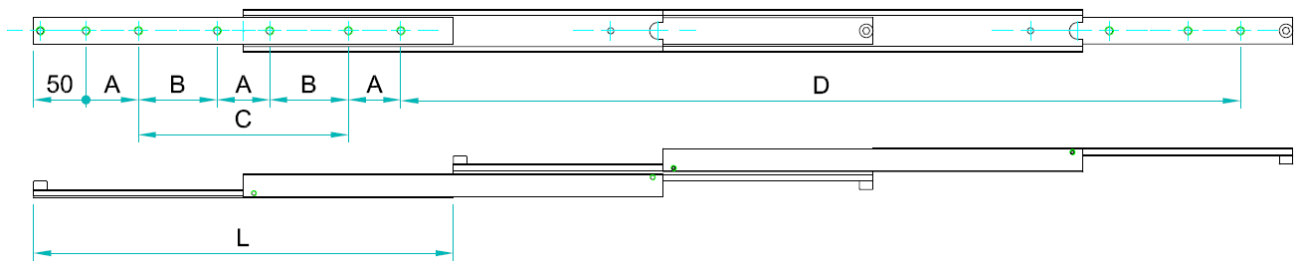
Ball bearings: Stainless Steel 316L (1.4404)

End Bolts: Stainless A2 304 (1.4301)

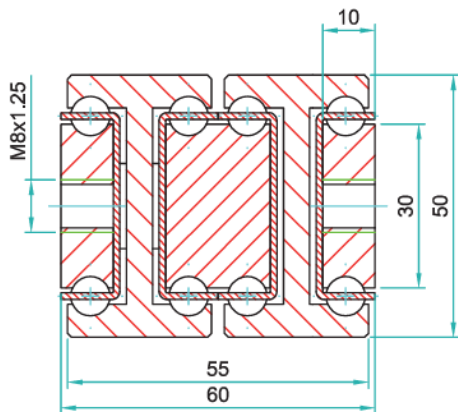
Surface protection: Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.

Maximum temperature: We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion





Options:
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



ADDTS-5060 weights 17.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADDTS5060.0200	200	400	50	50	-	-
ADDTS5060.0250	250	500	55	50	-	50
ADDTS5060.0300	300	600	60	50	-	100
ADDTS5060.0350	350	700	65	50	-	150
ADDTS5060.0400	400	800	70	50	-	200
ADDTS5060.0450	450	900	75	50	-	250
ADDTS5060.0500	500	1000	80	50	-	300
ADDTS5060.0550	550	1100	75	50	150	-
ADDTS5060.0600	600	1200	70	50	175	-
ADDTS5060.0650	650	1300	65	50	200	-
ADDTS5060.0700	700	1400	60	50	225	-
ADDTS5060.0750	750	1500	56	50	250	-
ADDTS5060.0800	800	1600	52	50	275	-
ADDTS5060.0850	850	1700	48	50	300	-
ADDTS5060.0900	900	1800	46	50	325	-
ADDTS5060.0950	950	1900	44	50	350	-
ADDTS5060.1000	1000	2000	42	50	375	-

**Do not dismantle the slide!**

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
 Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.
 Deflection is calculated up to 2% of the closed length, at or near full load capacity.

ADDTS-5060 weights 17.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADDTS5060.1050	1050	2100	40	50	400	-
ADDTS5060.1100	1100	2200	38	50	425	-
ADDTS5060.1150	1150	2300	36	50	450	-
ADDTS5060.1200	1200	2400	34	50	475	-

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:

Beams: EN-AW 6082 T6, anodized acc. BS1615 AA10

Ball cages: Stainless Steel 316L (1.4404), Laser cut profiles.

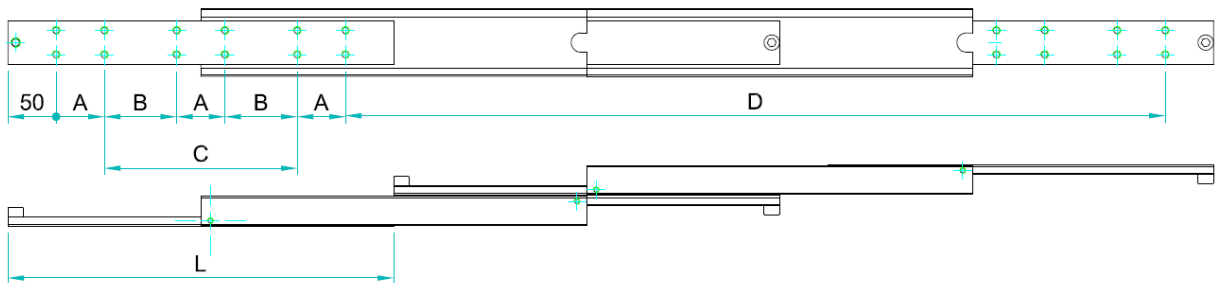
Ball bearings: Stainless Steel 316L (1.4404)

End Bolts: Stainless A2 304 (1.4301)

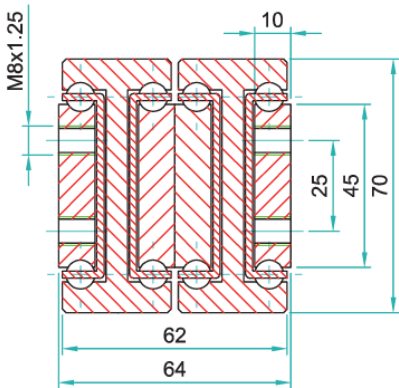
Surface protection: Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.

Maximum temperature: We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion





- Options:**
"V" - V shape channel raceways
"F" - one outer beam countersunk
"FF"- both outer beams countersunk



ADDTS-7064 weights 4.6 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
ADDTS7064.0200	200	400	62	50	-	-
ADDTS7064.0250	250	500	65	50	-	50
ADDTS7064.0300	300	600	70	50	-	100
ADDTS7064.0350	350	700	75	50	-	150
ADDTS7064.0400	400	800	80	50	-	200
ADDTS7064.0450	450	900	85	50	-	250
ADDTS7064.0500	500	1000	90	50	-	300
ADDTS7064.0550	550	1100	85	50	-	350
ADDTS7064.0600	600	1200	80	50	-	400
ADDTS7064.0650	650	1300	75	50	200	-
ADDTS7064.0700	700	1400	70	50	225	-
ADDTS7064.0750	750	1500	65	50	250	-
ADDTS7064.0800	800	1600	60	50	275	-
ADDTS7064.0850	850	1700	58	50	300	-
ADDTS7064.0900	900	1800	56	50	325	-
ADDTS7064.0950	950	1900	54	50	350	-
ADDTS7064.1000	1000	2000	52	50	375	-
ADDTS7064.1050	1050	2100	50	50	400	-
ADDTS7064.1100	1100	2200	48	50	425	-
ADDTS7064.1150	1150	2300	46	50	450	-
ADDTS7064.1200	1200	2400	44	50	475	-



Do not dismantle the slide!

The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%.
We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Material:

Beams: EN-AW 6082 T6, anodized acc. BS1615 AA10

Ball cages: Stainless Steel 316L (1.4404), Laser cut profiles.

Ball bearings: Stainless Steel 316L (1.4404)

End Bolts: Stainless A2 304 (1.4301)

Surface protection: Anodized to BS 1615 AA10 (max length 1100mm). Lengths 1150mm+ supplied raw, non-anodized.

Maximum temperature: We recommend -40 to +200°C with low/high-temp lubrication and free movement to allow for steel expansion

