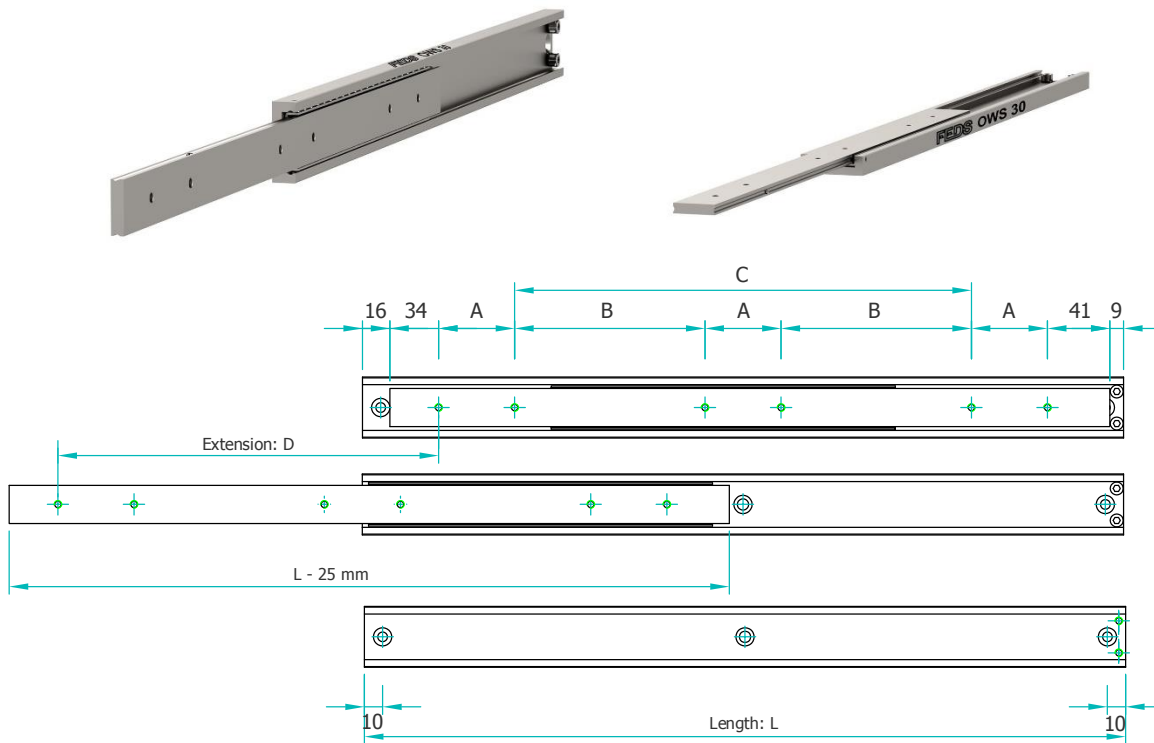
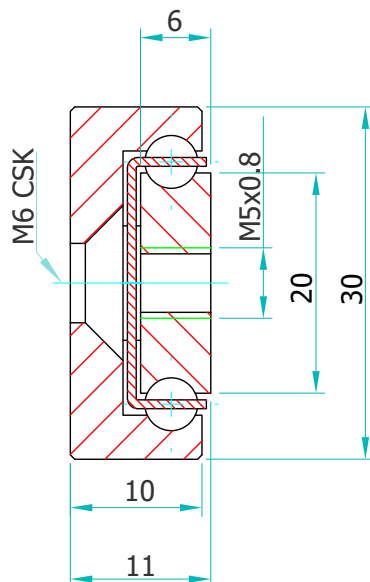




Options:

"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

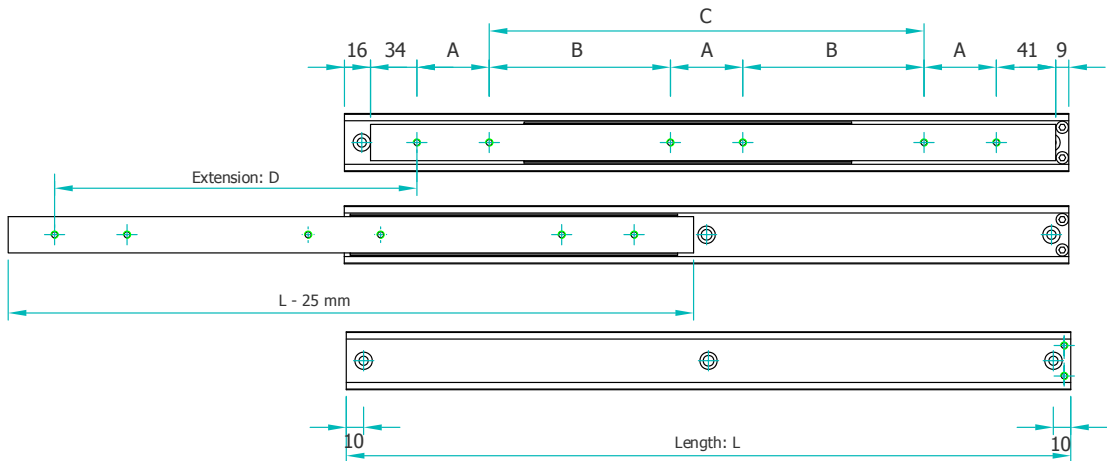
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

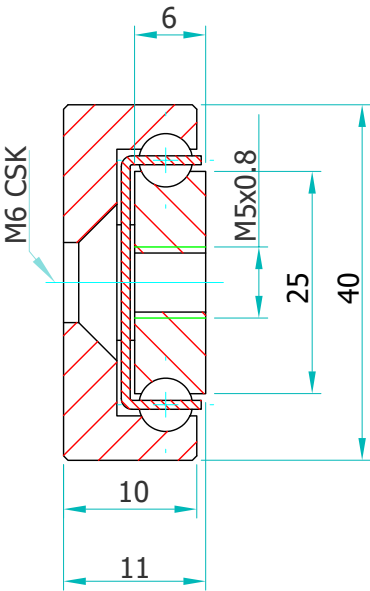
Thread pitches: As per end profile image - coarse





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

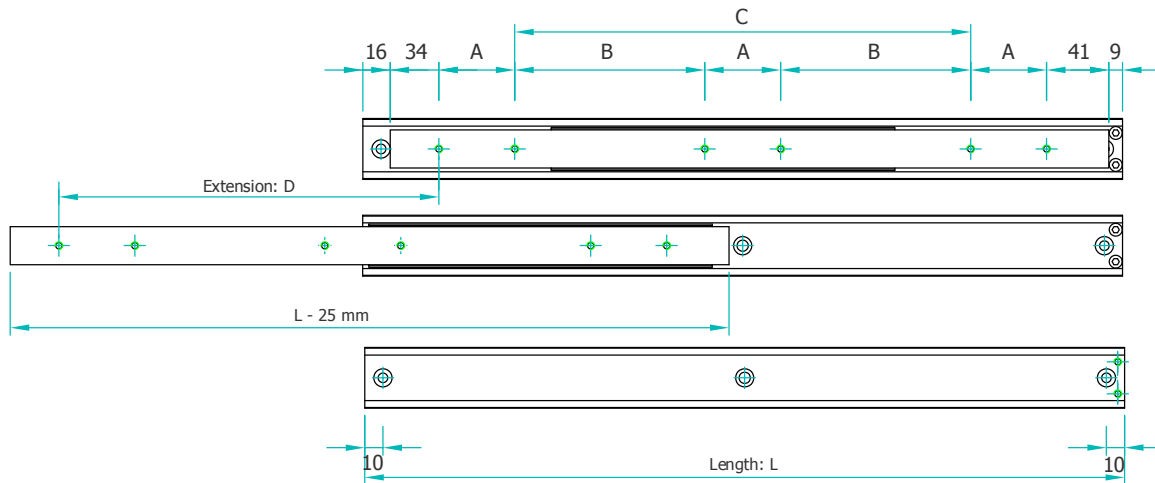
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

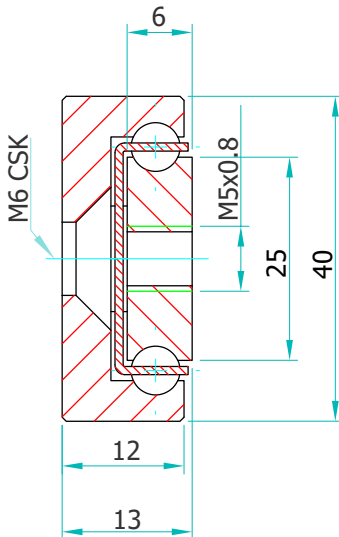
Thread pitches: As per end profile image - coarse





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

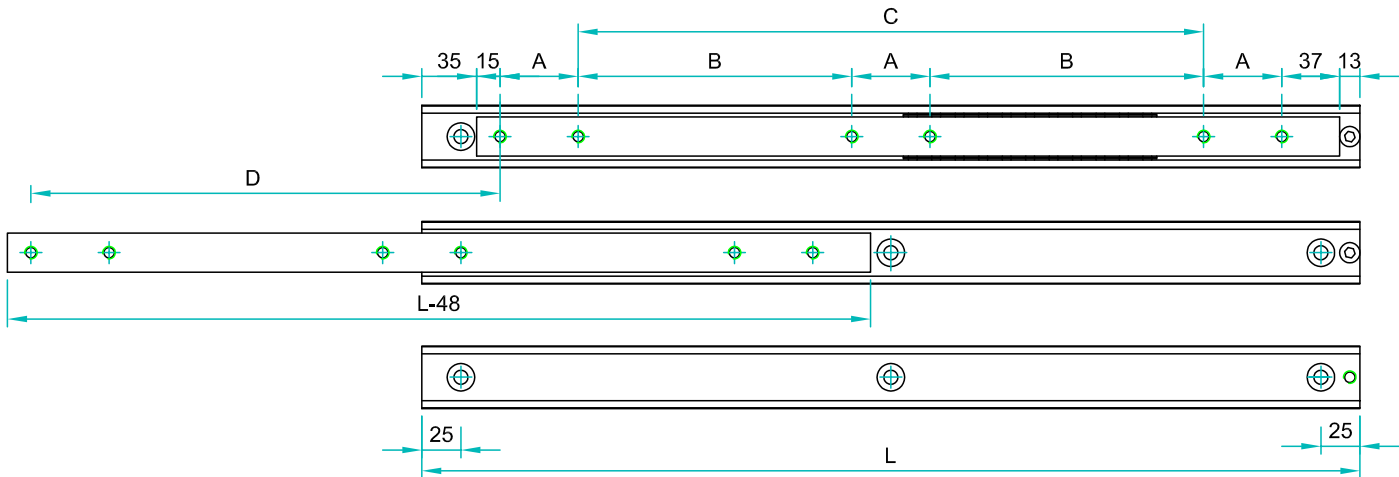
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

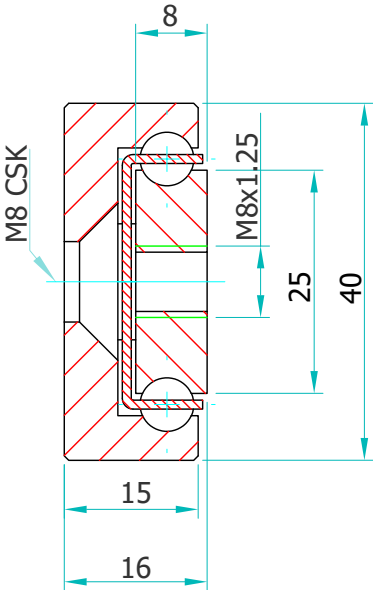
Thread pitches: As per end profile image - coarse





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

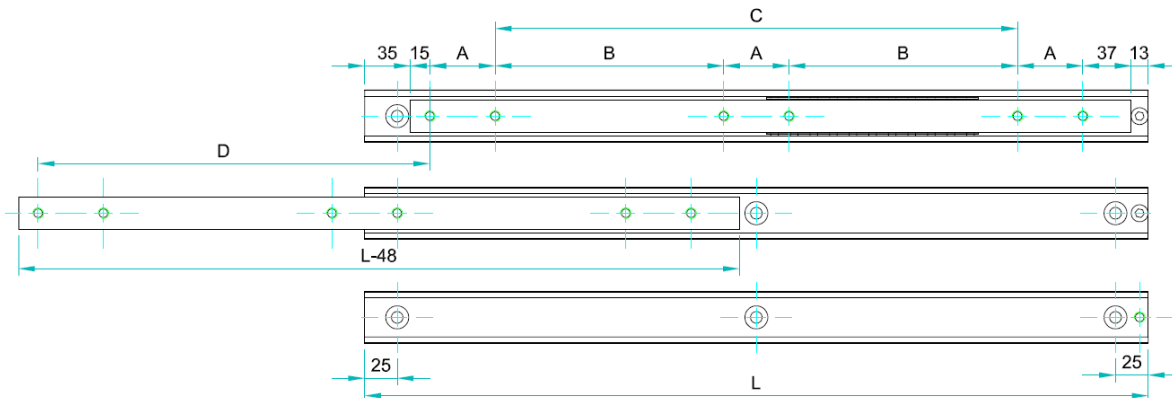
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

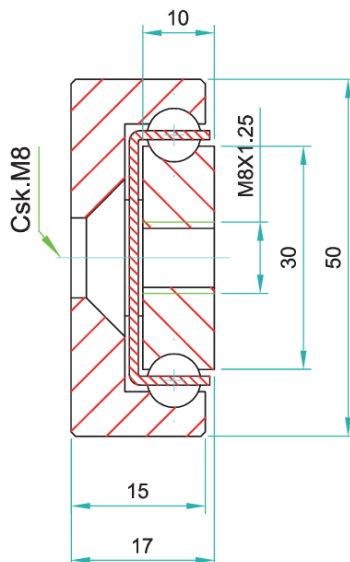
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

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

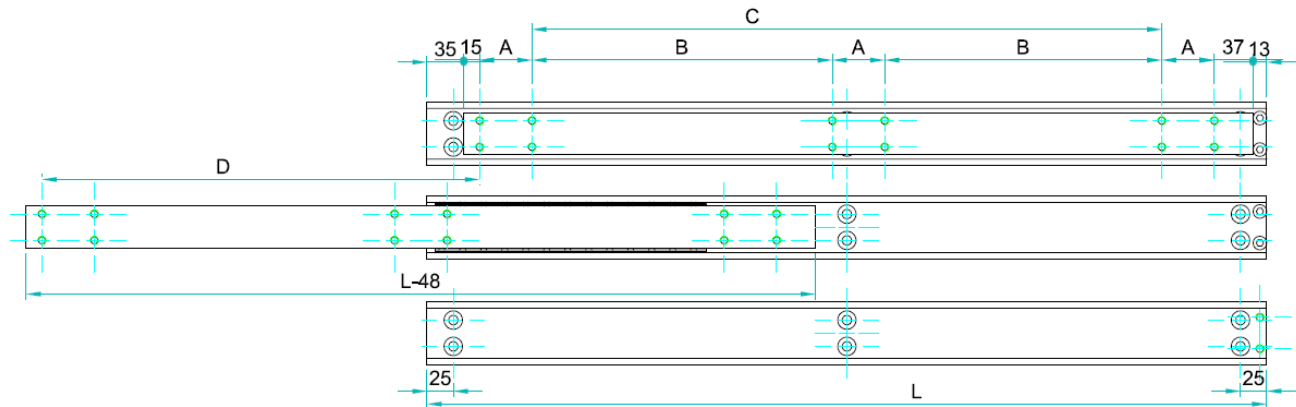
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

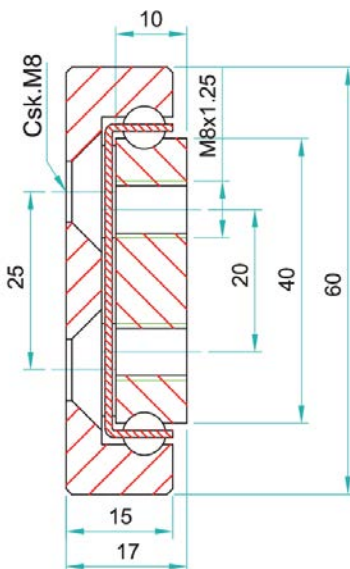
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

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

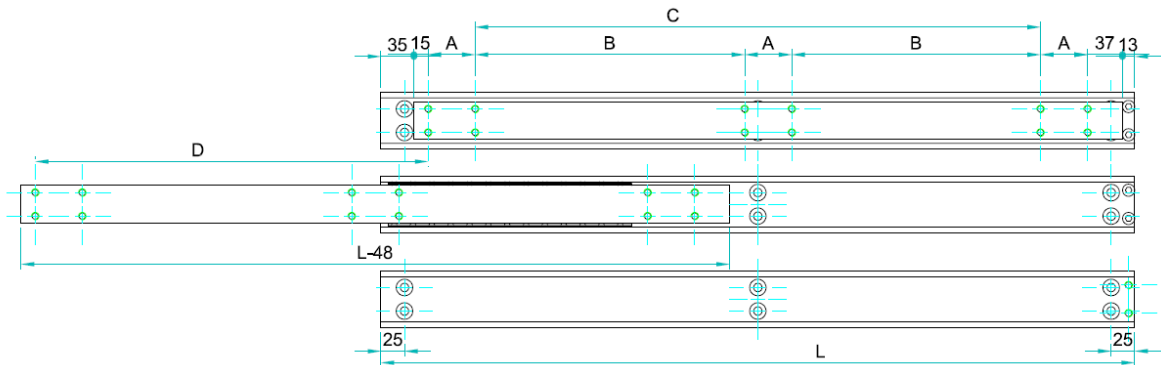
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

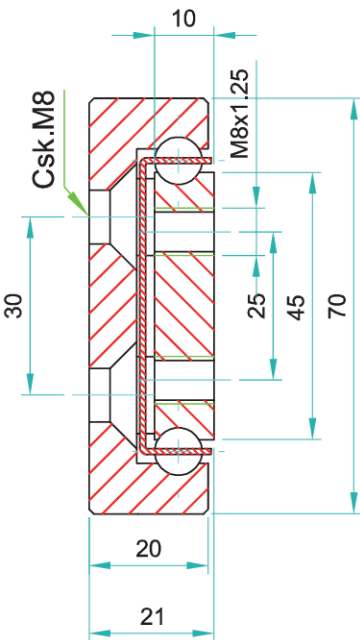
Thread pitches: As per end profile image - coarse





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

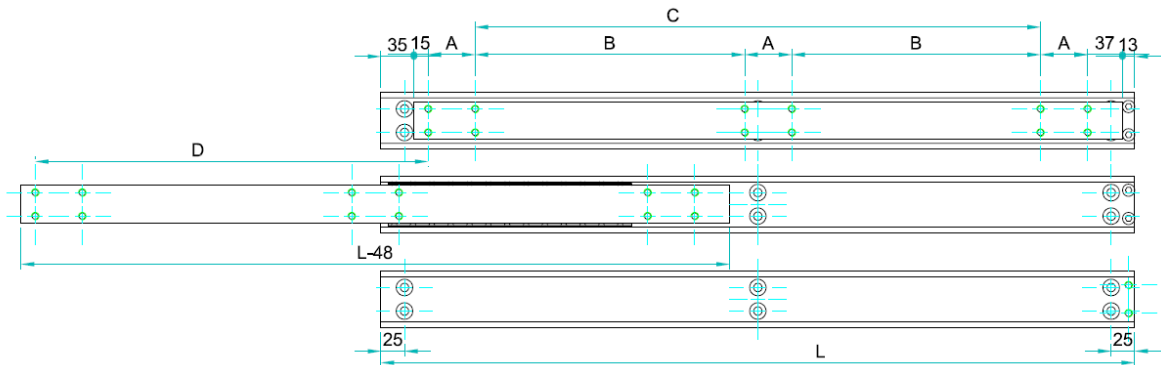
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

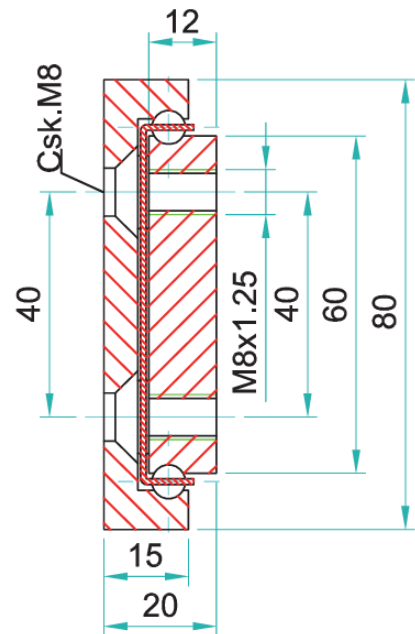
Thread pitches: As per end profile image - coarse





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

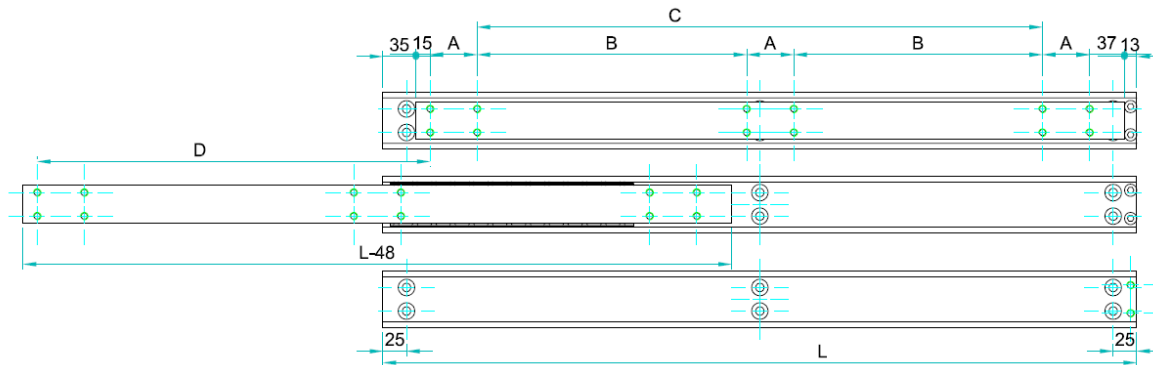
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

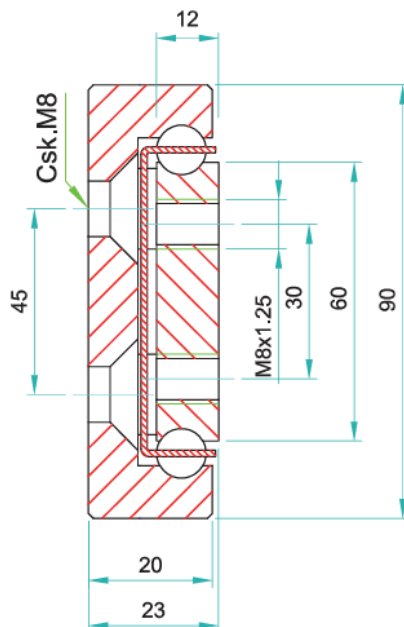
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

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

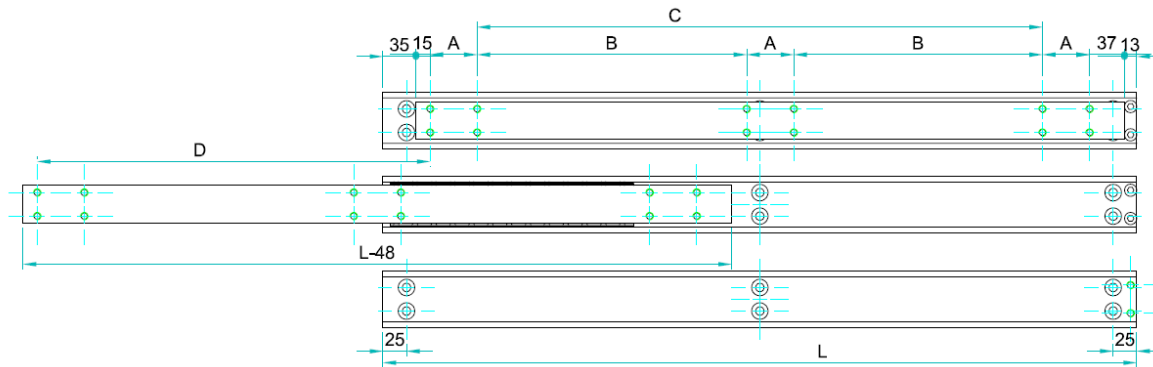
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

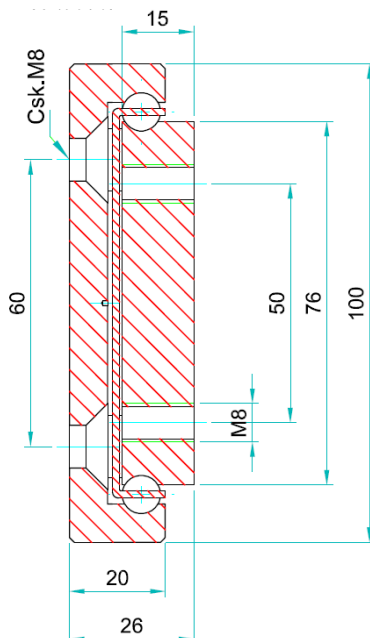
Thread pitches: As per end profile image - coarse





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	-

**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

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	-

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

