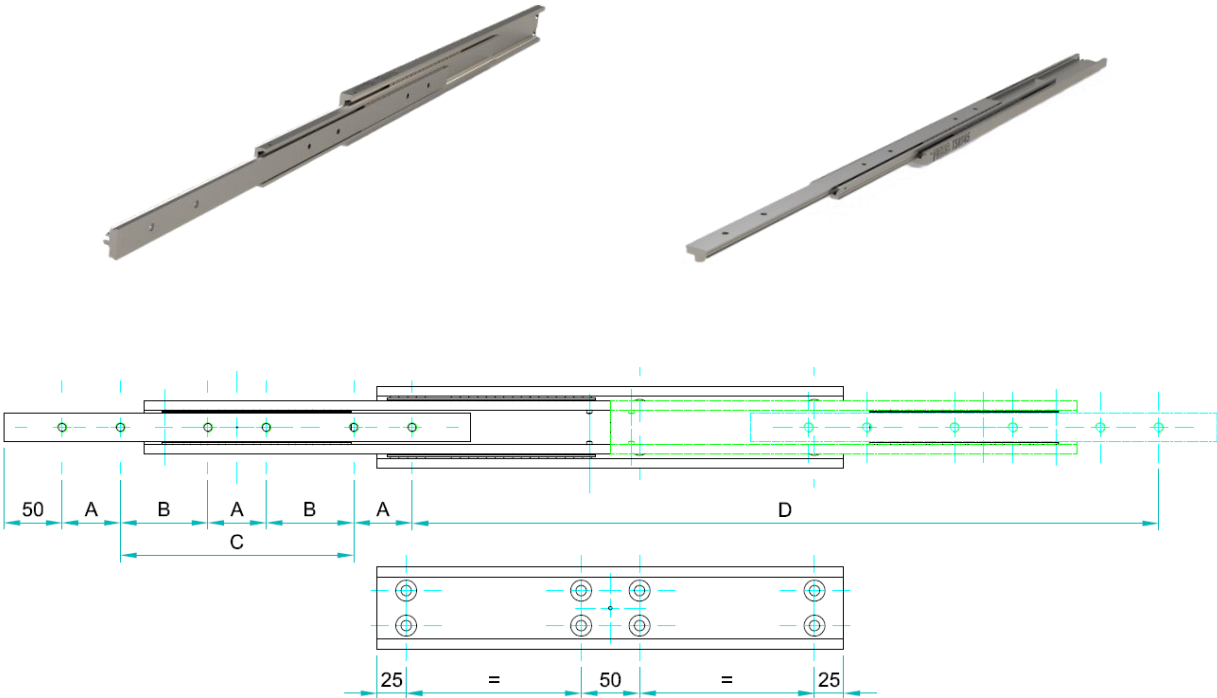
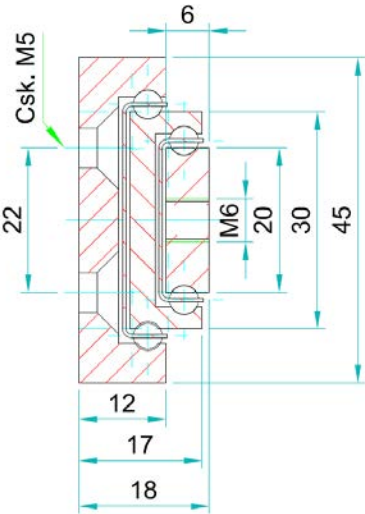




Options:

- "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

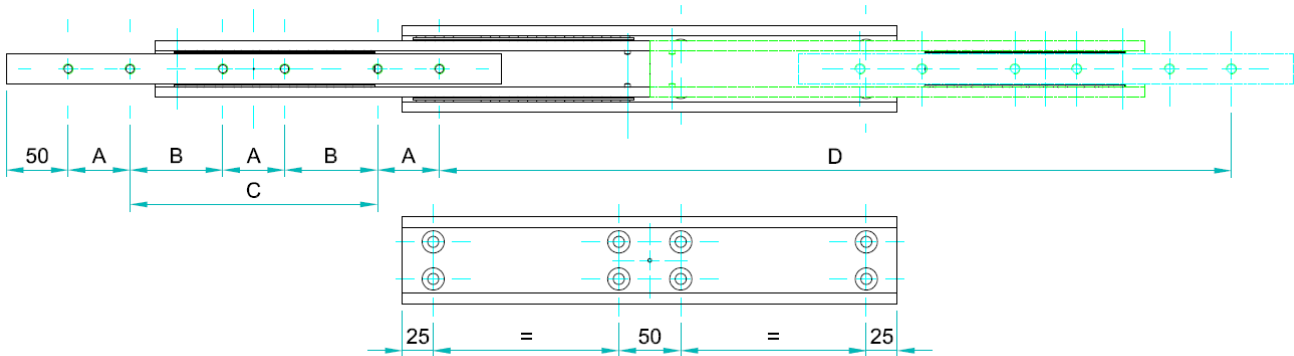
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

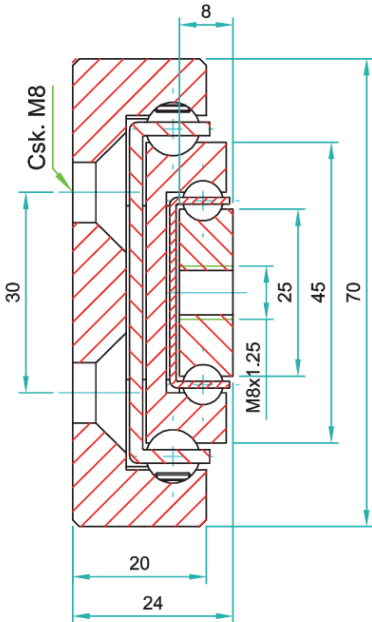
Thread pitches: As per end profile image - coarse





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

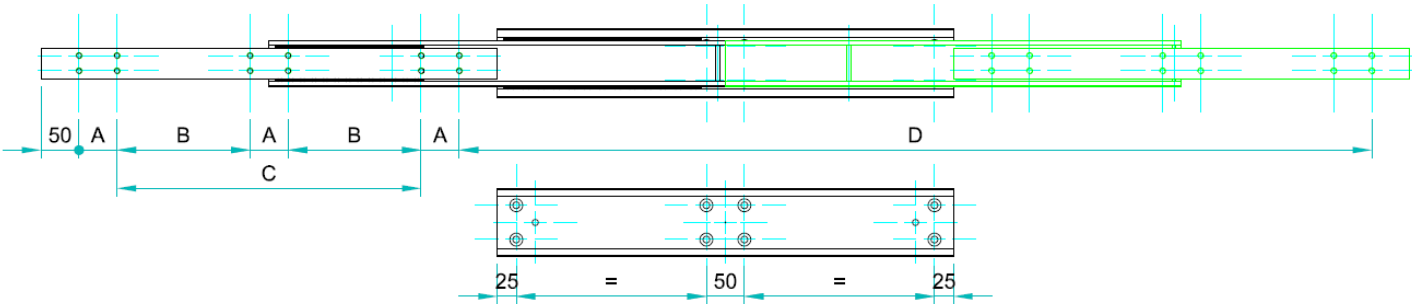
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

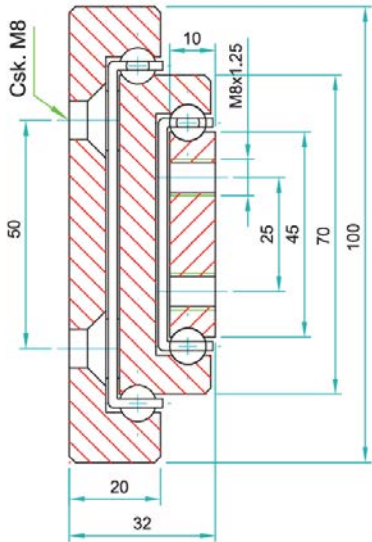
Thread pitches: As per end profile image - coarse





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

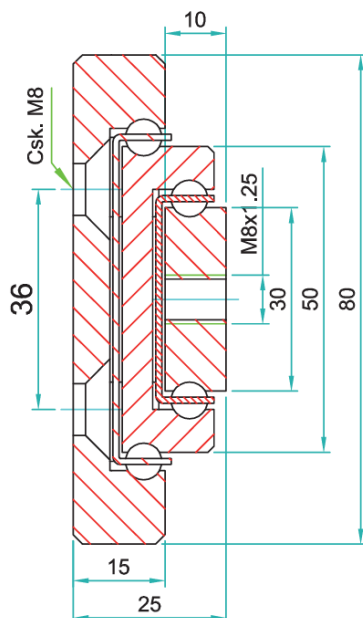
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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!**

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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 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

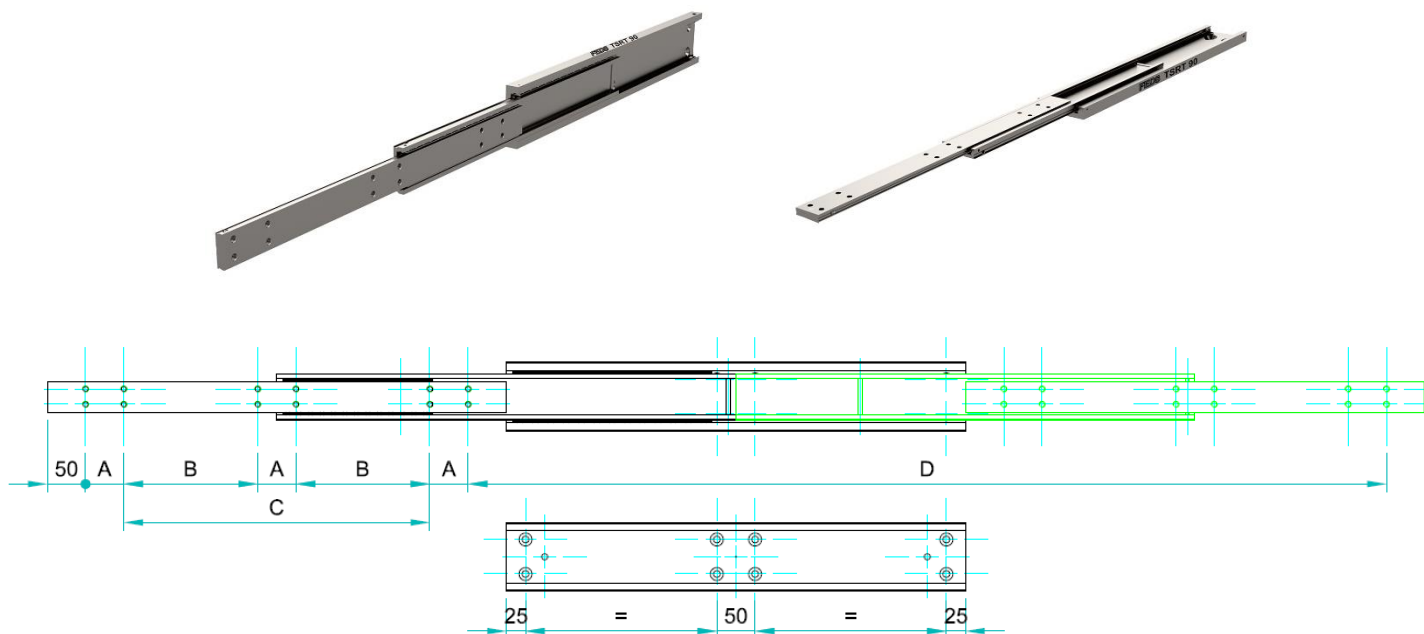
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

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

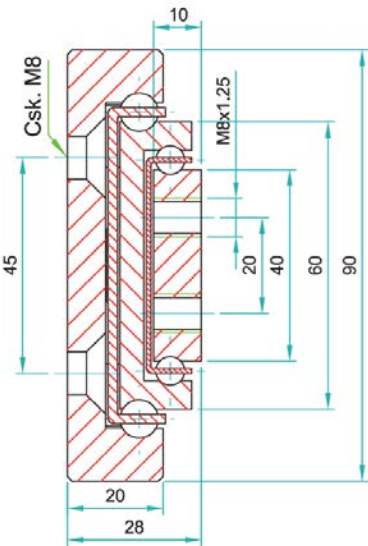
Thread pitches: As per end profile image - coarse





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.

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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

