



OWS-40 weighs 4.01kg/m. Sold as singles				Drilling Pattern		
Part Number	Closed Length: L	Extension Length: D	Load per pair: kg	"A"	"B"	"C"
4015.OWS040.0150	150	75	230	50	-	-
4015.OWS040.0200	200	100	240	50	-	-
4015.OWS040.0250	250	125	250	50	-	50
4015.OWS040.0300	300	150	260	50	-	100
4015.OWS040.0350	350	175	280	50	-	150
4015.OWS040.0400	400	200	300	50	-	200
4015.OWS040.0450	450	225	315	50	-	250
4015.OWS040.0500	500	250	330	50		300
4015.OWS040.0550	550	275	340	50	150	-
4015.OWS040.0600	600	300	350	50	175	-
4015.OWS040.0650	650	325	355	50	200	-
4015.OWS040.0700	700	350	360	50	225	-
4015.OWS040.0750	750	375	345	50	250	-
4015.OWS040.0800	800	400	335	50	275	-
4015.OWS040.0850	850	425	320	50	300	-
4015.OWS040.0900	900	450	305	50	325	-
4015.OWS040.0950	950	475	280	50	350	-
4015.OWS040.1000	1000	500	265	50	375	-
4015.OWS040.1050	1050	525	250	50	400	-
4015.OWS040.1100	1100	550	240	50	425	-
4015.OWS040.1150	1150	575	230	50	450	-
4015.OWS040.1200	1200	600	220	50	475	-
4015.OWS040.1250	1250	625	200	50	500	-
4015.OWS040.1300	1300	650	180	50	525	-
4015.OWS040.1350	1350	675	160	50	550	-
4015.OWS040.1400	1400	700	140	50	575	-
4015.OWS040.1450	1450	725	120	50	600	-
4015.OWS040.1500	1500	750	100	50	625	-
4015.OWS040.1550	1550	775	80	50	650	-
4015.OWS040.1600	1600	800	60	50	675	-

Professional Range - **Steel**  
Partial Extension Telescopic Slide

Type: OWS-40

Version: 2021/1

**OWS-40**

**SLIDING**  
SYSTEMS



**Options:**

- 'F' - One mounting beam countersunk
- 'FF' - Both beams countersunk
- 'SB' - Stainless steel 316L ball bearings
- 'SC' - Stainless steel ball cages
- 'SA' - Stainless end bolts & retaining pins
- 'V' - V shaped raceways (bi-directional slides)
- '70' - 70% over-extension of standard slide

Bespoke length, drilling pattern & extension on request

**Material:** All steel parts/no plastics

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

**Ball bearings:** Chromed steel C85, G100. Din 5401

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

**End bolts:** Steel ASTM A307

**Surface Protection:** Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 120 hours. No red rust within 1,032 hours

**Temperature range:** Steel slides  $-20^{\circ}\text{C}$  to  $+250^{\circ}\text{C}$  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

**Thread pitches:** As per end profile image - coarse



If mounting on the indirect axis, flat, 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. If load capacities need to be increased, please contact us for technical advice.

**Do not dismantle the slide!**



The maximum safe working load is stated for a 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.



**'Global Company, Global Reach'**