

Half-rail guide



HW

Single guide wheel

- Pre-lubricated bearings with 2 rows of balls Angular contact, External surface ground and lightly lubricated, Tolerances ABEC - 1
- **HW-X**: steel SAE 52100, hardened 60-62 HRC, rubber joints
- **HW-X/SS**: stainless steel AISI 440C, hardened 58-60 HRC, rubber joints

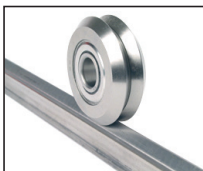
Working life

- Loads are calculated for an operational life of 2,500 hours
- Service factor: divide the accepted load by the appropriate service factor

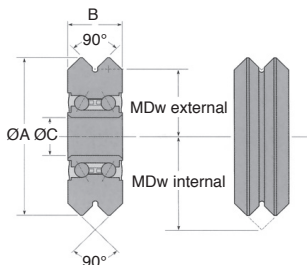
FS=0.5. Occasional use, no shocks, well lubricated

FS=1.0. Normal operation, lightly lubricated

FS=2.0. Subject to shocks, no lubrication or with dust present



Typical application



DISCOUNTS

Qty	1+	4+	8+
Disc.	List	-10%	On request

Part number	ØA	B	ØC	MDw int.	MDw ext.	Dynamic radial load (kg)				Radial static load (kg)	Dynamic axial load (kg)	Price each 1 to 3	
						at 33 rpm	at 100 rpm	at 500 rpm	at 1000 rpm				
Steel, rubber joints													
HW-1X	19,55	7,87	4,76	7,92	11,86	156	108	63	49	112	17	✓	80,59 €
HW-2X	30,73	11,09	9,52	12,70	18,23	317	218	128	101	270	36	✓	91,35 €
HW-3X	45,72	15,87	12,00	19,05	26,97	598	414	243	193	450	54	✓	121,06 €
HW-4X	59,94	19,05	15,01	25,40	34,92	900	623	364	290	702	81	✓	153,69 €
Stainless steel, rubber joints													
HW-1X/SS	19,55	7,87	4,76	7,92	11,86	140	96	56	44	100	15	-	133,00 €
HW-2X/SS	30,73	11,09	9,52	12,70	18,23	252	174	102	81	216	29	-	148,88 €
HW-3X/SS	45,72	15,87	12,00	19,05	26,97	481	333	193	155	362	43	-	215,45 €
HW-4X/SS	59,94	19,05	15,01	25,40	34,92	715	495	290	230	558	64	-	254,67 €

*Depending on availability - Dimensions in mm



Half-rail guide

Guide rail

HTS
HTT

- **Rail HTS:** steel AISI C1042, cold-drawn, untreated, oiled
- **Rail HTS/SS:** stainless steel AISI 400, cold-formed, untreated, oiled
- **Rail HTT:** steel AISI C1042, track hardened to 53 HRC min., polished, oiled
- **Rail HTT/SS:** stainless steel AISI 400, track hardened to 40 HRC min., polished, oiled
- The flat part under the flange is not hardened, to allow mounting holes to be drilled.

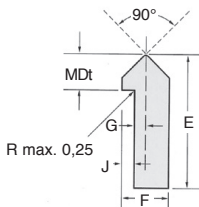
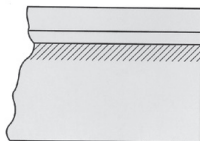


Option

- Max. length 6096mm (except **HTT-4/SS** : 5790mm)



Typical application



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-15%	On request

Part number	E	Standard length (mm)	F	G	J	MDt	Weight (kg/m)	Stock*	Price each
Steel									
HTS-1	11,09	1000	4,74	0,78	1,57	3,17	0,272	-	53,94 €
HTS-2	15,87	1000	6,35	0,78	2,36	4,75	0,509	-	89,83 €
HTS-3	22,22	1000	8,71	1,57	2,76	6,35	1,020	-	182,61 €
HTS-4	26,97	1000	11,09	2,36	3,17	7,92	1,630	-	303,97 €
Stainless steel									
HTS-1/SS	11,09	1000	4,74	0,78	1,57	3,17	0,272	-	107,53 €
HTS-2/SS	15,87	1000	6,35	0,78	2,36	4,75	0,509	-	179,49 €
HTS-3/SS	22,22	1000	8,71	1,57	2,76	6,35	1,020	-	364,72 €
HTS-4/SS	26,97	1000	11,09	2,36	3,17	7,92	1,630	-	606,75 €
Treated steel									
HTT-1	11,09	1000	4,74	0,78	1,57	3,17	0,272	-	107,98 €
HTT-2	15,87	1000	6,35	0,78	2,36	4,75	0,509	-	159,07 €
HTT-3	22,22	1000	8,71	1,57	2,76	6,35	1,020	-	279,22 €
HTT-4	26,97	1000	11,09	2,36	3,17	7,92	1,630	-	419,33 €
Treated stainless steel									
HTT-1/SS	11,09	1000	4,74	0,78	1,57	3,17	0,272	-	216,26 €
HTT-2/SS	15,87	1000	6,35	0,78	2,36	4,75	0,509	-	316,10 €
HTT-3/SS	22,22	1000	8,71	1,57	2,76	6,35	1,020	-	558,02 €
HTT-4/SS	26,97	1000	11,09	2,36	3,17	7,92	1,630	-	837,86 €

*Depending on availability - Dimensions in mm

Our other products



PTA150

Articulated levelling foot, pressed base Ø150, Ø 150



CABPVC

PVC covered galvanised steel cable, Galvanised steel with



HLA24

Right angle spiro bevel gearbox, Up to 78Nm



PRF-CHAR-POU

Tool holder for aluminium profile, Moveable tool holder



UCF_SS

Stainless steel flanged bearing, Stainless steel



AT5M AT10M

AT type timing belt per metre, AT10 Steel cored polyurethane



ESSB

Bipod support base, Bipod support base



PRF_VTM

Hammerhead screw, Hammerhead screw



S_2RS

Deep groove ball bearing, Stainless steel



ACL

Joints for aluminium profile, Variable angle hinge



SVG

Adjustable latch clamp with strike plate, Stroke from 106,7mm to 121...



CAP881

Side flexing slim slat top chain stainless steel, Narrow range 881

Complementary products



HW_HT

Half-rail guide, Wheel



HBM

Adjustment bushing for half-rail guide, Adjustment bushing



HW_HT

Half-rail guide, Wheel