

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

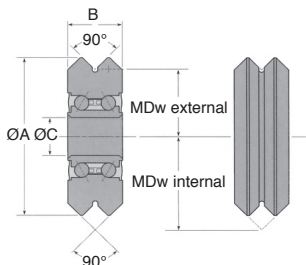
FS=0.5. Occasional use, no shocks, well lubricated

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



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.

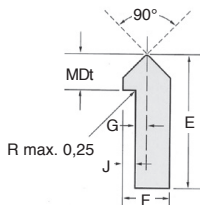
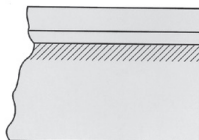


Option

- 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