

# 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

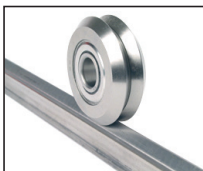
### Working life

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

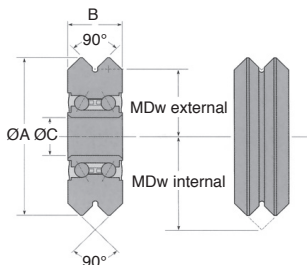
FS=0.5. Occasional use, no shocks, well lubricated

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				
<b>Steel, rubber joints</b>													
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 €
<b>Stainless steel, rubber joints</b>													
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.

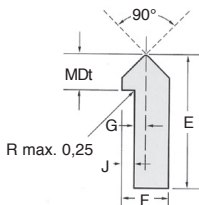
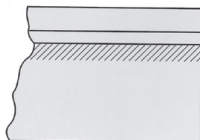


### Option

- 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
<b>Steel</b>									
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 €
<b>Stainless steel</b>									
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 €
<b>Treated steel</b>									
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 €
<b>Treated stainless steel</b>									
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



IN2

Internal gear, Steel  
20NCD2



TCXR

Automatic chain  
tensioner, With  
stainless steel  
sprocket



CLG2

Moulded plastic spur  
gear, Moulded plastic  
(nylon)



SCA

Flat cable clamp,  
Steel



TCSH

Automatic chain  
tensioner, With  
support



CHAK

Hi-Klik™ indent  
hinge, Hi-Klik™ -  
Detent hinge



GGB

Female wing knob,  
With blind thread



PRF-GPB

Guide for aluminium  
profile, Rail for 8mm  
wide slots



PDM\_PDV

Detectable plastic  
palm grip, blue



RPCtc

Swivel castor with  
central hole, Steel -



BOX-TOR-H

Box set of Nitrile O-  
rings in nitrile, 3.00 x



GAL22

Conveyor wheel, Zinc  
plated steel

## Complementary products



HW\_HT

Half-rail guide, Wheel



HBM

Adjustment bushing  
for half-rail guide,  
Adjustment bushing



HW\_HT

Half-rail guide, Wheel