

Manufactured from profiles of light metals - aluminium (Al), brass (Ms) or steel (F)

High precision and strength at low deadweight (aluminium)

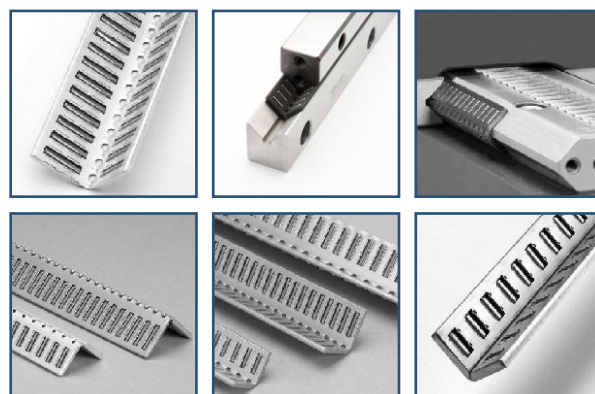
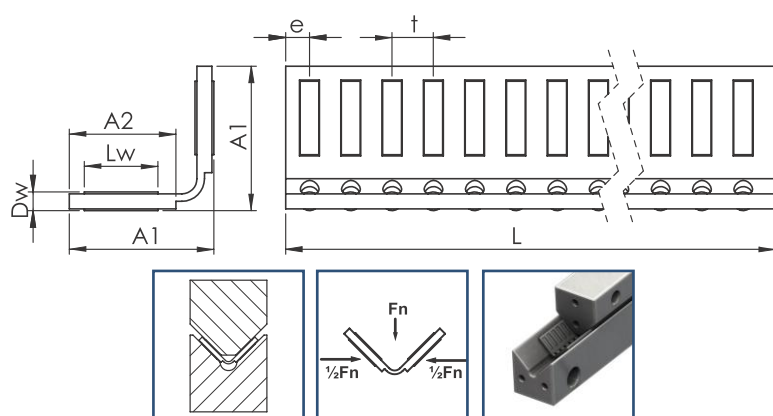
Destined for heavy-duty working conditions at high loads and accelerations

Working temperature up to 150°C

HW looks similar to H...ZW, however, cage sides are symmetrically bent at the right angle towards each other

Applicable areas include also linear guides of the types "M" and "V", "RM", "RV", "N" and "O"

HW



Type	Dimensions							Load Capacity		Table for weight values of bearing cages (for the length of L=1000 mm) [g]		
	A1	A2	Dw	Lw	t	e	L max	C [N]	Co [N]	Al	F	Ms
HW10	10	8	2	4.8	4	3	3 000	21 400	62 700	105	219	230
HW15	14	10.5	2	6.8	4.5	3.5	3 000	26 200	88 900	138	289	306
HW16	16	13.5	2	8.8	3.8	2.8	3 000	36 900	138 100	190	-	390
HW20	20	14.3	2.5	9.8	5.5	4	3 000	40 300	133 500	239	471	499
HW25	25	19	3	13.8	6	4.5	3 000	62 900	209 400	408	756	798
HW30	30	24	3.5	17.8	7	5	3 000	82 700	268 700	598	1117	1178
FFW3.5	17.25	-	3.5	7.8	8	5	3 000	38 700	101 200	-	-	711

- Load capacity for the theoretical length of the cage of 100 mm with the thrust force "F" in accordance to the drawing.
- The load capacity is calculated for guides with hardness of 60 +/- 2 HRc and surface roughness of Ra<0,4.
- Load capacity of bearing cages is calculated on the basis of number of bearing needles mounted in the cage
- Length tolerance LK +0/-t

