

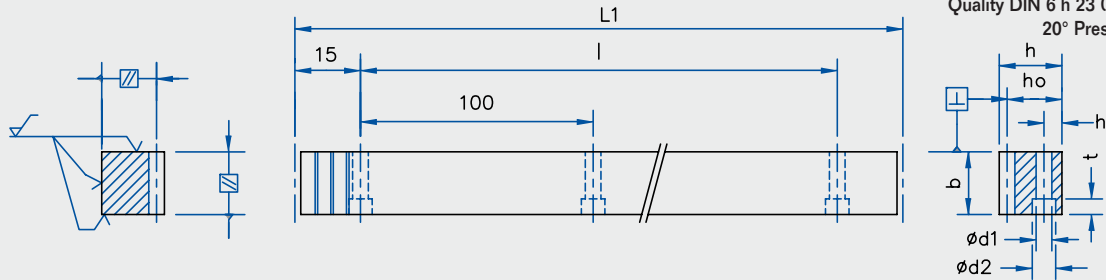
MODULAR RACK & PINION SYSTEM

RACKS

WITH CIRCULAR PITCH STRAIGHT (SPUR) TEETH

SERIES A50

Case Hardened & Ground Teeth
Quality DIN 6 h 23 (-AGMA12)
20° Pressure Angle



Circular Pitch, p	Module	L1	L	teeth	b	h	ho	No. holes	h1	d1	d2	t	Fp	mass kg.	Part No.
2.0	0.637	330	300	165	9.5	19.5	18.86	3	10.5	5.8	10	5.7	0.032	0.45	A50-020-033
2.0	0.637	1030	1000	515	9.5	19.5	18.86	10	10.5	5.8	10	5.7	0.068	1.4	A50-020-103
2.0	0.637	Companion Rack for assembly													A50-021-999
5.0	1.592	330	300	66	14.5	24.5	22.91	3	13	7	11	6.8	0.023	0.85	A50-050-033
5.0	1.592	1030	1000	206	14.5	24.5	22.91	10	13	7	11	6.8	0.043	2.6	A50-050-103
5.0	1.592	330	300	66	19.5	29.5	27.91	3	15.5	9	15	9	0.023	1.35	A50-050-033-19.5
5.0	1.592	1030	1000	206	19.5	29.5	27.91	10	15.5	9	15	9	0.043	4.2	A50-050-103-19.5
5.0	Companion Rack for assembly													A50-051-999	
7.5	2.387	330	300	44	24.7	33	30.61	3	18.5	9	15	9	0.024	1.9	A50-7.50-033
7.5	2.387	1230	1200	164	24.7	33	30.61	12	18.5	9	15	9	0.041	7	A50-7.50-123
7.5	2.387	Companion Rack for assembly													A50-7.51-999
10.0	3.183	330	300	33	34.6	46.6	43.42	3	28.6	11	18	11	0.025	3.7	A50-100-033
10.0	3.183	1230	1200	123	34.6	46.6	43.42	12	28.6	11	18	11	0.04	13.9	A50-100-123
10.0	3.183	Companion Rack for assembly													A50-101-999

Material AISI 6150 (58CrMoV4). Teeth induction hardened to 50-60 Rc; ground on all sides after hardening. Only teeth are hardened allowing subsequent drilling and pinning of rack. Rack ends are machined for continuous mounting.

Fp is the max cumulative pitch error for the corresponding rack length.

Dimensions are in mm and are subject to change - consult factory.