

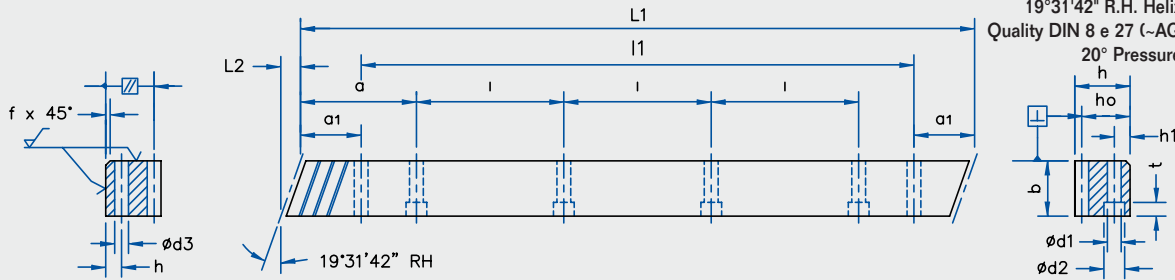
MODULAR RACK & PINION SYSTEM

RACKS

WITH RH HELICAL TEETH

SERIES A21

Quenched & Tempered Material
 19°31'42" R.H. Helix Angle
 Quality DIN 8 e 27 (-AGMA10)
 20° Pressure Angle



Module	L1	L2	teeth	b	h	h _o	f	l1	a	l	No. holes	h1	d1	d2	t	a1	d3	Fp	mass kg.	Part No.
2.0	500	8.8	75	25	24	22	2	436.6	62.5	125	4	8	7	11	7	31.7	5.7	2.1	A21-020-050	
2.0	500	8.8	75	25	24	22	2	without holes										2.1	A21-021-050	
2.0	1000	8.8	150	25	24	22	2	936.6	62.5	125	8	8	7	11	7	31.7	5.7	0.063	4.2	A21-020-100
2.0	1000	8.8	150	25	24	22	2	without holes										0.063	4.2	A21-021-100
2.0	Companion Rack for assembly																			A21-021-999
3.0	500	10.6	50	30	29	26	2	430	62.5	125	4	9	10	15	9	35	7.7	3	A21-030-050	
3.0	500	10.6	50	30	29	26	2	without holes										3	A21-031-050	
3.0	1000	10.6	100	30	29	26	2	930.6	62.5	125	8	9	10	15	9	35	7.7	0.071	6	A21-030-100
3.0	1000	10.6	100	30	29	26	2	without holes										0.071	6	A21-031-100
3.0	Companion Rack for assembly																			A21-031-999
4.0	506.67	14.2	38	40	39	35	3	433	62.5	125	4	12	10	15	9	33.3	7.7	5.3	A21-040-050	
4.0	506.67	14.2	38	40	39	35	3	without holes										5.3	A21-041-050	
4.0	1000	14.2	75	40	39	35	3	933.4	62.5	125	8	12	10	15	9	33.3	7.7	0.080	10.5	A21-040-100
4.0	1000	14.2	75	40	39	35	3	without holes										0.080	10.5	A21-041-100
4.0	Companion Rack for assembly																			A21-041-999

Material AISI 4140 (42CrMo4V) with tensile strength = 900 N/mm² (130,500 PSD).
 Back and contact faces ground. 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.