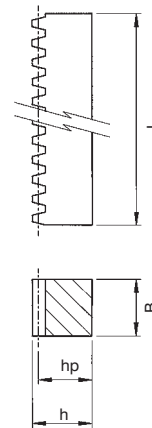


Steel Racks



Racks can be supplied modified to enable easy mounting by addition of plain or tapped holes.

Steel Racks

Cross+Morse standard gear racks are manufactured in medium carbon steel suitable for induction or flame hardening if required. The spur racks are precision machined with 20 degree pressure angle, and to be completely compatible with standard range of spur gears have identical face width. The designer is free to select any combination of standard spur gear and rack of same pitch to obtain "off the shelf" rack and pinion sets. These provide the ideal method to convert rotary into linear motion for table drives etc. or linear to rotary motion as in feeds. In addition to the standard range of racks special constructions can be provided with pitch size up to 16 mod.

Cat. No.	Pitch Module	Width B	Overall Height h	Height to Pitch Line hp	Length L	Approx. Weight Kg.
R1005	1	15	15	14	500	0.82
R1010		15	15	14	1000	1.65
R1020		15	15	14	2000	3.05
R1030		15	15	14	3000	4.90
R1505	1.5	17	17	15.5	500	1.08
R1510		17	17	15.5	1000	2.07
R1520		17	17	15.5	2000	4.30
R1530		17	17	15.5	3000	6.40
R2005	2	20	20	18	500	1.40
R2010		20	20	18	1000	2.82
R2020		20	20	18	2000	5.10
R2030		20	20	18	3000	7.90
R2505	2.5	25	25	22.5	500	2.00
R2510		25	25	22.5	1000	4.00
R2520		25	25	22.5	2000	7.40
R2530		25	25	22.5	3000	11.50
R3005	3	30	30	27	500	3.10
R3010		30	30	27	1000	6.20
R3020		30	30	27	2000	11.50
R3030		30	30	27	3000	18.50
R4005	4	40	40	36	500	5.50
R4010		40	40	36	1000	11.00
R4020		40	40	36	2000	20.40
R4030		40	40	36	3000	32.00
R5005	5	50	50	45	500	7.92
R5010		50	50	45	1000	15.90
R5020		50	50	45	2000	29.40
R5030		50	50	45	3000	48.00
R6005	6	60	60	54	500	12.15
R6010		60	60	54	1000	24.30
R6020		60	60	54	2000	50.20
R6030		60	60	54	3000	75.00
R8005	8	80	80	72	500	21.40
R8010		80	80	72	1000	42.70
R8020		80	80	72	2000	85.40

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