

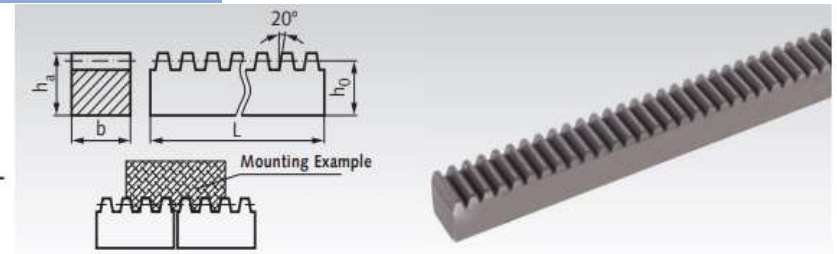
Gear Racks Made from Specially Treated Bright Steel C45KG, Milled Teeth, Straight Tooth System



Tooth quality 8d25 modelled on DIN 3962, 3967, 3968. Pressure angle 20°. Precisely Straightened. Cross-section tolerance $h_{11} = -1/10$ to $2/10$ depending on size.

All gear racks from module 2, except for nominal length 500 mm, are cut off for continuous linking.

The teeth of the gear racks are not cut to join edge-to-edge, which leads to minor gaps when mounting. These gaps do, however, not cause any problems for the gears rolling across.



The teeth on the gear racks are manufactured using an overhead milling cutter. This leads to negative tolerances. Dimensions h_a and h_0 up to module 2 -0.2 mm, module 2.5-4 -0.3 mm, module 5-8 -0.4 mm, module 10 -0.5 mm

Material: Steel

Order code	Module	Tooth Width (bmm)	Overall Height	h0 (mm)	Nominal Length (L)	Effective Length	Weight (kg)
104221601	0.5	4	6	5.5	250	-	0.04

Material: Acetal

Order code	Module	Tooth Width (bmm)	Overall Height	h0 (mm)	Nominal Length (L)	Effective Length	Weight (kg)
104281601	0.5	4	4.5	4	250	-	5.2
104281602	0.5	4	6	4.5	250	-	7.5
104283601	1	9	9	8	250	-	24.8