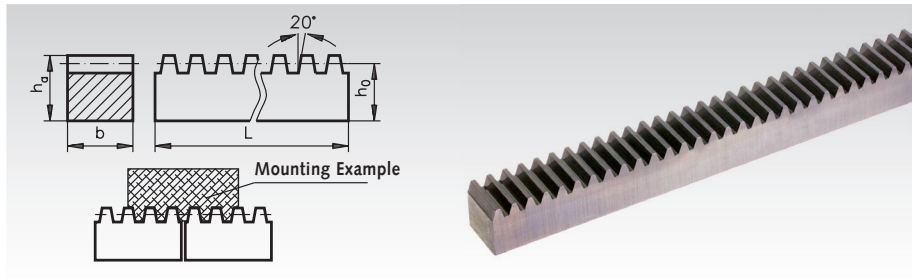


Precision Gear Racks Made from Steel 16MnCr5, Tooth Area Induction Hardened, Teeth Ground

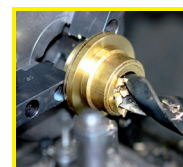
Tooth quality 7h25.
 Pressure angle 20°.
 Tooth area induction hardened,
 HRC 58±2.
 Ground all around including teeth.
 From module 1.5 cut for continuous linking.
 Angle accuracy 0.02 mm,
 Parallelism on 500 mm = 0.03 mm,
 on 1000 mm = 0.05 mm,
 Tolerance to h_0 line
 on 500 mm = 0.03 mm,
 on 1000 mm = 0.05 mm.
 The width is machined with a tolerance of
 0.05.



Ordering Details: e.g.: Product No. 224 683 00, Gear Rack, Steel 16MnCr5, Module 1.0, 500 mm long,
 Teeth Ground

	Product No.	Tooth Width b mm	Overall Height $h_a^{-0.1}$ mm	Height to Line h_0 mm	Nom. Length L mm	Eff. Length mm	Weight kg
Module 1.0	224 683 00	15	15	14	500	500,0 ⁺¹	0,81
Module 1.5	228 683 00	15	15	13,5	500	499,1 ^{±0,3}	0,78
	228 685 00	15	15	13,5	1000	998,4 ^{±0,3}	1,56
Module 2.0	241 683 00	20	20	18	500	502,1 ^{±0,3}	1,40
	241 685 00	20	20	18	1000	998,5 ^{±0,3}	2,53
Module 3.0	243 683 00	25	25	22	500	498,9 ^{±0,3}	2,12
	243 685 00	25	25	22	1000	998,4 ^{±0,3}	4,22

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Spur Gears
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**Reworking within
 24h-service possible.
 Custom made parts
 on request.**