

## Gear Racks from Steel C45, Straight Tooth System, Milled Teeth, Economy-Line

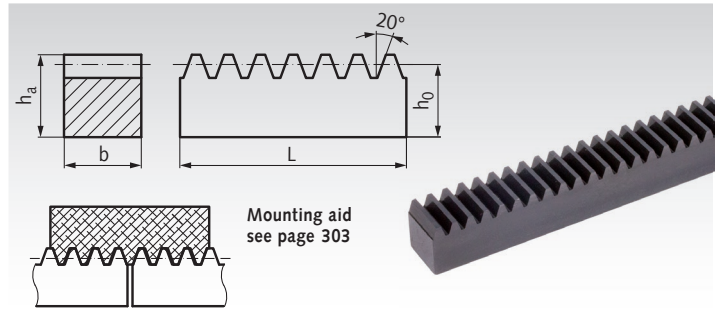
**Material:** Steel C45, black oxide finish.

Reference profile 2 DIN 867 / DIN 3972. Pressure angle 20°. Tooth quality 9 DIN 3967.

All gear racks from module 2 are cut off for continuous linking, with gap.

Production-related tolerances of dimensions  $h_a$  and  $h_0$ :

module 1 - 2: -0.2 mm  
 module 2.5 - 4: -0.3 mm  
 module 5 - 6: -0.4 mm



Ordering Details: e.g.: Product No. 224 116 08, Gear Rack, C45 , Economy, Module 1, 1000 mm

Product No.	Module	b mm	$h_a$ mm	$h_0$ mm	Nom. Length L mm	Eff. Length mm	Weight kg
224 116 08	1	10	10	9,0	1000		0,68
224 116 09	1	10	10	9,0	2000		1,36
224 116 12	1	15	15	14,0	1000		1,61
224 116 19	1	15	15	14,0	2000		3,32
228 116 05	1,5	15	15	13,5	1000		1,54
228 116 09	1,5	15	15	13,5	2000		3,09
228 116 12	1,5	17	17	15,5	1000		2,05
228 116 19	1,5	17	17	15,5	2000		4,10
241 116 05	2	20	20	18,0	1000	1005,0 <sup>-1</sup>	2,77
241 116 09	2	20	20	18,0	2000	2004,0 <sup>-1,5</sup>	5,54
242 116 05	2,5	25	25	22,5	1000	1005,0 <sup>-1</sup>	4,35
242 116 09	2,5	25	25	22,5	2000	2002,5 <sup>-1,5</sup>	8,70
243 116 05	3	30	30	27,0	1000	1008,0 <sup>-1,5</sup>	6,27
243 116 09	3	30	30	27,0	2000	2007,0 <sup>-1,5</sup>	12,54
244 116 05	4	40	40	36,0	1000	1005,0 <sup>-1,5</sup>	11,10
244 116 09	4	40	40	36,0	2000	2010,0 <sup>-1,5</sup>	22,20
245 116 05	5	50	50	45,0	1000	1005,0 <sup>-1,5</sup>	17,50
245 116 09	5	50	50	45,0	2000	2010,0 <sup>-1,5</sup>	35,00
246 116 05	6	60	60	54,0	1000	998,0 <sup>-1,5</sup>	24,60
246 116 09	6	60	60	54,0	2000	1997,0 <sup>-1,5</sup>	49,20

## Gear Racks from Bright Steel C45K, Straight Tooth System, Teeth milled and Hardened

**Material:** Bright Steel C45K.

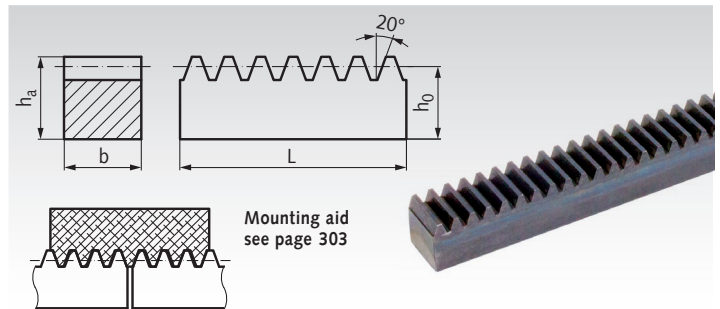
Reference profile 2 DIN 867 / DIN 3972. Pressure angle 20°. Milled in quality 8. Tooth area induction hardened, 54 + 4 HRC. The hardening sets the tooth quality to 10-11.

Precisely straightened.

The gear racks are cut for continuous linking, with gap.

Production-related tolerances of dimensions  $h_a$  and  $h_0$ :

module 2: -0.2 mm  
 module 2.5 - 4: -0.3 mm  
 module 5 - 6: -0.4 mm



Ordering Details: e.g.: Product No. 241 886 05, Gear Rack, Module 2, 1000mm, hardened

Product No.	Module	b mm	$h_a$ mm	$h_0$ mm	Nom. Length L mm	Eff. Length mm	Weight kg
241 886 05	2	20	20	18,0	1000	1005,0 <sup>-1</sup>	2,77
241 886 09	2	20	20	18,0	2000	2004,0 <sup>-1,5</sup>	5,5
242 886 05	2,5	25	25	22,5	1000	1005,0 <sup>-1,5</sup>	4,31
242 886 09	2,5	25	25	22,5	2000	2002,5 <sup>-1,5</sup>	8,61
243 886 05	3	30	30	27,0	1000	1008,0 <sup>-1,5</sup>	6,27
243 886 09	3	30	30	27,0	2000	2007,0 <sup>-1,5</sup>	12,43
244 886 05	4	40	40	36,0	1000	1005,0 <sup>-1,5</sup>	11,14
244 886 09	4	40	40	36,0	2000	2010,0 <sup>-1,5</sup>	22,5
245 886 05	5	50	50	45,0	1000	1005,0 <sup>-1,5</sup>	17,5
245 886 09	5	50	50	45,0	2000	2010,0 <sup>-1,5</sup>	35,0
246 886 05	6	60	60	54,0	1000	998,5 <sup>-1,5</sup>	25,0
246 886 09	6	60	60	54,0	2000	1997,5 <sup>-1,5</sup>	50,0