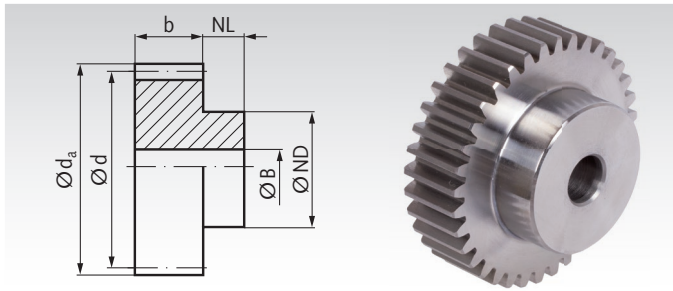


## Spur Gears Made from Steel, Module 6 Tooth Width $b = 60$ mm, Milled Teeth, Straight Tooth System

Material: C45.

Tooth quality 8d25 DIN 3967. Pressure angle  $20^\circ$ .



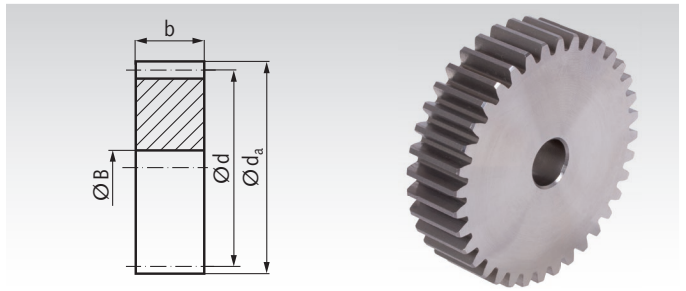
Ordering Details: e.g.: Product No. 236 110 12, Spur Gear, C45, Module 6.0, 12 Teeth

Product No. with Hub	Number of teeth	b mm	$d_a$ mm	d mm	NL mm	ND mm	BH7 mm	perm. MT* Nm	Weight kg
236 110 12	12	60	84	72	20	54	20	110	1,82
236 110 13	13	60	90	78	20	60	20	129	2,20
236 110 14	14	60	96	84	20	65	20	147	2,88
236 110 15	15	60	102	90	20	70	20	161	3,01
236 110 16	16	60	108	95	20	75	20	167	3,46
236 110 17	17	60	114	102	20	75	20	172	4,26
236 110 18	18	60	120	108	20	80	20	201	4,33
236 110 20	20	60	132	120	20	90	20	277	5,43
236 110 21	21	60	138	126	20	90	25	317	6,44
236 110 22	22	60	144	132	20	100	25	358	7,23
236 110 24	24	60	156	144	20	110	25	450	7,88
236 110 25	25	60	162	150	20	110	25	500	8,42
236 110 30	30	60	192	180	20	120	25	808	13,20
236 110 36	36	60	228	216	20	130	25	1284	18,68
236 110 50	50	60	312	300	20	140	30	2924	34,59
236 110 60	60	60	372	360	20	150	40	3842	48,97

\* Basis of calculations see page 197.

Material: C45.

Tooth quality 8d25 DIN 3967. Pressure angle  $20^\circ$ .



Ordering Details: e.g.: Product No. 246 110 20, Spur Gear, C45, Module 6.0, 20 Teeth

Product No. without Hub	Number of teeth	b mm	$d_a$ mm	d mm	BH7 mm	perm. MT* Nm	Weight kg
246 110 20	20	60	132	120	20	277	5,08
246 110 24	24	60	156	144	25	450	7,29
246 110 25	25	60	162	150	25	500	7,93
246 110 28	28	60	180	168	25	675	10,00
246 110 30	30	60	192	180	25	808	11,52
246 110 32	32	60	204	192	25	960	13,14
246 110 35	35	60	222	210	25	1200	15,77
246 110 36	36	60	228	216	25	1284	16,69
246 110 38	38	60	240	228	25	1470	18,63
246 110 40	40	60	252	240	25	1680	20,66
246 110 50	50	60	312	300	30	2924	32,31
246 110 60	60	60	372	360	40	3842	46,42

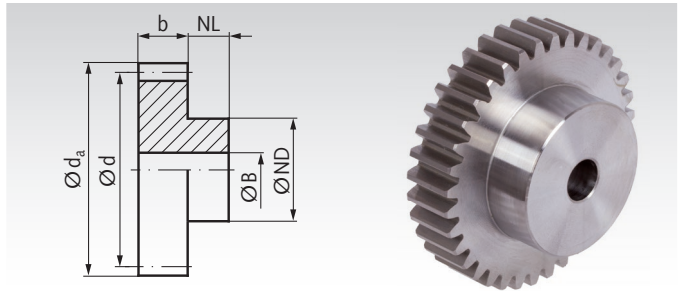
Gears with  
hardened teeth  
Page 244



## Spur Gears Made from Steel, Module 8 with One-Sided Hub, Milled Teeth, Straight Tooth System

Material: C45.

Tooth quality 8d25 DIN 3967.  
Pressure angle  $20^\circ$ .



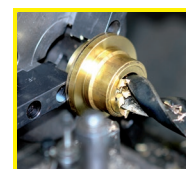
Ordering Details: e.g.: Product No. 238 012 00, Spur Gear, C45, Module 8, 12 Teeth

### Module 8 Tooth Width $b = 65$ mm

Product No. with Hub	Number of teeth	b mm	$d_a$ mm	d mm	NL mm	ND mm	BH7 mm	perm.MT* Nm	Weight kg
238 012 00	12	65	112	96	30	70	25	240	4,20
238 014 00	14	65	128	112	30	80	25	340	5,83
238 015 00	15	65	136	120	30	80	25	370	6,50
238 016 00	16	65	144	128	30	80	25	410	7,37
238 018 00	18	65	160	144	30	80	25	495	9,00
238 020 00	20	65	176	160	30	100	30	655	11,50
238 024 00	24	65	208	192	30	120	30	1045	16,90
238 025 00	25	65	216	200	30	120	30	1160	18,10
238 030 00	30	65	256	240	30	150	30	1835	26,60
238 032 00	32	65	272	256	30	150	30	2170	29,80
238 036 00	36	65	304	288	30	160	40	2900	36,90
238 040 00	40	65	336	320	30	180	40	3790	46,00

\* Basis of calculations see page 197.

Gears  $b = 80$  with  
hardened teeth  
Page 244



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