

Steel spur gear



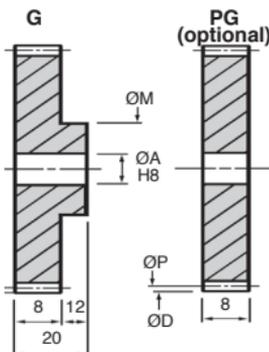
Module 1.25



- Precision class 9
- Pressure angle 20°
- Linear speed 300m/min

Steel 20NCD2

Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2	20NCD2	
	Z10CNF18.09	hardened	brass
Nm	3.80	18	1.90
kW	0.40	1.89	0.19



DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-12%	-25%	On request

Part number	Teeth Z	PCD ØP	External ØD	Boss ØM	Bore ØA	Weight (kg)		Price each 1 to 5	
						G	PG	G	PG
G1.25-9	9	12,50	15,00	15,00	6	0,019	0,006	-	33,33 €
G1.25-10	10	13,75	16,25	16,25	6	0,024	0,007	-	On request
G1.25-11	11	15,00	17,50	17,50	6	0,029	0,009	-	33,33 €
G1.25-12	12	15,00	17,50	17,50	6	0,029	0,009	✓	33,33 €
G1.25-13	13	16,25	18,75	18,25	6	0,032	0,011	-	34,88 €
G1.25-14	14	17,50	20,00	20,00	6	0,039	0,013	✓	35,50 €
G1.25-15	15	18,75	21,25	12,00	6	0,023	0,015	-	36,10 €
G1.25-16	16	20,00	22,50	12,00	8	0,022	0,016	✓	37,37 €
G1.25-17	17	21,25	23,75	12,00	8	0,024	0,019	-	38,32 €
G1.25-18	18	22,50	25,00	15,00	8	0,033	0,021	-	39,25 €
G1.25-19	19	23,75	26,25	15,00	8	0,036	0,024	-	40,84 €
G1.25-20	20	25,00	27,50	15,00	8	0,039	0,027	✓	41,38 €
G1.25-21	21	26,25	28,75	15,00	8	0,042	0,030	-	41,99 €
G1.25-22	22	27,50	30,00	15,00	8	0,045	0,033	✓	42,36 €
G1.25-23	23	28,75	31,25	15,00	8	0,048	0,037	-	42,88 €
G1.25-24	24	30,00	32,50	15,00	8	0,052	0,040	-	43,62 €
G1.25-25	25	31,25	33,75	15,00	8	0,055	0,044	-	44,56 €
G1.25-26	26	32,50	35,00	15,00	8	0,059	0,048	-	45,09 €
G1.25-27	27	33,75	36,25	15,00	8	0,063	0,052	-	46,11 €
G1.25-28	28	35,00	37,50	15,00	8	0,067	0,056	-	48,08 €
G1.25-29	29	36,25	38,75	15,00	8	0,072	0,060	-	49,35 €
G1.25-30	30	37,50	40,00	20,00	8	0,089	0,065	-	51,01 €
G1.25-31	31	38,75	41,25	20,00	8	0,093	0,069	-	52,05 €
G1.25-32	32	40,00	42,50	20,00	8	0,098	0,074	✓	53,11 €
G1.25-33	33	41,25	43,75	20,00	8	0,103	0,079	-	54,10 €

On request

*Depending on availability - Dimensions in mm

Part number	Teeth Z	PCD ØP	External ØD	Boss ØM	Bore ØA	Weight (kg)			Price each 1 to 5	
						G	PG		G	PG
G1.25-34	34	42,50	45,00	20,00	8	0,108	0,084	-	54,82	€
G1.25-35	35	43,75	46,25	20,00	8	0,113	0,089	-	56,02	€
G1.25-36	36	45,00	47,50	20,00	8	0,119	0,094	✓	56,74	€
G1.25-37	37	46,25	48,75	20,00	8	0,124	0,100	-	57,28	€
G1.25-38	38	47,50	50,00	20,00	8	0,130	0,105	-	57,92	€
G1.25-39	39	48,75	51,25	20,00	8	0,135	0,111	-	58,68	€
G1.25-40	40	50,00	52,50	30,00	10	0,173	0,115	-	59,07	€
G1.25-41	41	51,25	53,75	30,00	10	0,179	0,121	✓	59,33	€
G1.25-42	42	52,50	55,00	30,00	10	0,185	0,128	-	59,59	€
G1.25-43	43	53,75	56,25	30,00	10	0,192	0,134	-	59,97	€
G1.25-44	44	55,00	57,50	30,00	10	0,198	0,141	-	60,22	€
G1.25-45	45	56,25	58,75	30,00	10	0,205	0,147	✓	60,48	€
G1.25-46	46	57,50	60,00	30,00	10	0,212	0,154	-	60,67	€
G1.25-47	47	58,75	61,25	30,00	10	0,219	0,161	-	61,07	€
G1.25-48	48	60,00	62,50	30,00	10	0,226	0,168	-	61,26	€
G1.25-49	49	61,25	63,75	30,00	10	0,233	0,176	-	62,59	€
G1.25-50	50	62,50	65,00	30,00	10	0,241	0,183	-	63,11	€
G1.25-51	51	63,75	66,25	30,00	10	0,248	0,191	-	63,75	€
G1.25-52	52	65,00	67,50	30,00	10	0,256	0,198	-	64,36	€
G1.25-53	53	66,25	68,75	30,00	10	0,264	0,206	-	64,97	€
G1.25-54	54	67,50	70,00	30,00	10	0,272	0,214	-	65,37	€
G1.25-55	55	68,75	71,25	30,00	10	0,280	0,222	-	65,83	€
G1.25-56	56	70,00	72,50	30,00	10	0,288	0,231	-	68,72	€
G1.25-57	57	71,25	73,75	30,00	10	0,297	0,239	-	71,95	€
G1.25-58	58	72,50	75,00	30,00	10	0,306	0,248	-	72,89	€
G1.25-59	59	73,75	76,25	30,00	10	0,314	0,257	-	74,51	€
G1.25-60	60	75,00	77,50	30,00	10	0,323	0,266	-	76,15	€
G1.25-61	61	76,25	78,75	30,00	10	0,332	0,275	-	76,83	€
G1.25-62	62	77,50	80,00	30,00	10	0,342	0,284	-	77,96	€
G1.25-63	63	78,75	81,25	30,00	10	0,351	0,293	-	78,73	€
G1.25-64	64	80,00	82,50	30,00	10	0,361	0,303	-	79,61	€
G1.25-65	65	81,25	83,75	30,00	10	0,370	0,313	-	80,71	€
G1.25-66	66	82,50	85,00	30,00	10	0,380	0,322	-	81,83	€
G1.25-68	68	85,00	87,50	30,00	10	0,400	0,343	-	83,74	€
G1.25-70	70	87,50	90,00	30,00	10	0,421	0,363	✓	85,26	€
G1.25-72	72	90,00	92,50	30,00	10	0,442	0,385	-	85,70	€
G1.25-73	73	91,25	93,75	30,00	10	0,453	0,396	-	86,10	€
G1.25-74	74	92,50	95,00	30,00	10	0,464	0,407	-	86,59	€
G1.25-76	76	95,00	97,50	30,00	10	0,487	0,429	-	88,13	€
G1.25-78	78	97,50	100,00	30,00	10	0,510	0,452	-	91,18	€
G1.25-80	80	100,00	102,50	30,00	10	0,534	0,476	-	97,22	€
G1.25-84	84	105,00	107,50	30,00	10	0,583	0,525	-	98,09	€
G1.25-88	88	110,00	112,50	30,00	10	0,635	0,577	-	107,81	€
G1.25-90	90	112,50	115,00	30,00	10	0,661	0,604	-	108,79	€
G1.25-96	96	120,00	122,50	30,00	12	0,745	0,688	-	125,21	€
G1.25-100	100	125,00	127,50	30,00	12	0,804	0,746	-	127,18	€
G1.25-112	112	140,00	142,50	30,00	12	0,995	0,938	-	140,72	€
G1.25-120	120	150,00	152,50	40,00	15	1,135	1,077	-	150,55	€
G1.25-130	130	162,50	165,00	40,00	15	1,323	1,265	-	167,78	€
G1.25-140	140	175,00	177,50	40,00	15	1,525	1,468	-	181,30	€

On request

↓ **Gears available up to this size**

G1.25-142	142	177,50	180,00	Dimensions: contact us
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*Depending on availability - Dimensions in mm

Module 1.25

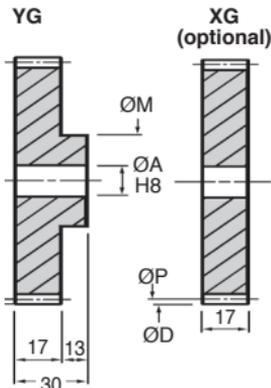
Steel 35NCD6



- Higher torque
- Precision class 9
- Pressure angle 20°
- Linear speed 300m/min

Options

- Material :
20NCD2 case-hardened



Torque and power indication			
For 50 teeth at 1000 rpm			
	35NCD6	35NCD6 hardened	20NCD2 hardened
Nm	17	24	47
kW	1.79	2.604	5.013

DISCOUNTS

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

Part number	Teeth Z	PCD ØP	External ØD	Boss ØM	Bore ØA	Weight (kg)		Price each 1 to 5	
						YG	XG	YG	XG
YG1.25-9	9	12,50	15,00	15,00	6	0,027	0,012	41,47 €	On request
YG1.25-10	10	13,75	16,25	16,25	6	0,033	0,016	41,47 €	
YG1.25-11	11	15,00	17,50	17,50	6	0,040	0,019	41,47 €	
YG1.25-12	12	15,00	17,50	17,50	6	0,040	0,019	41,47 €	
YG1.25-13	13	16,25	18,75	18,75	6	0,048	0,023	43,52 €	
YG1.25-14	14	17,50	20,00	20,00	6	0,056	0,028	44,22 €	
YG1.25-15	15	18,75	21,25	20,00	6	0,061	0,032	45,16 €	
YG1.25-16	16	20,00	22,50	20,00	8	0,061	0,034	46,48 €	
YG1.25-17	17	21,25	23,75	20,00	8	0,066	0,040	47,67 €	
YG1.25-18	18	22,50	25,00	25,00	8	0,089	0,045	49,04 €	
YG1.25-19	19	23,75	26,25	25,00	8	0,095	0,051	50,86 €	
YG1.25-20	20	25,00	27,50	25,00	8	0,101	0,057	51,58 €	
YG1.25-21	21	26,25	28,75	25,00	8	0,108	0,064	52,34 €	
YG1.25-22	22	27,50	30,00	25,00	8	0,115	0,071	On request	
YG1.25-23	23	28,75	31,25	25,00	8	0,122	0,078	53,51 €	
YG1.25-24	24	30,00	32,50	25,00	8	0,129	0,085	54,35 €	
YG1.25-25	25	31,25	33,75	25,00	8	0,137	0,093	55,49 €	
YG1.25-26	26	32,50	35,00	25,00	8	0,145	0,101	56,13 €	
YG1.25-27	27	33,75	36,25	25,00	8	0,154	0,110	57,49 €	
YG1.25-28	28	35,00	37,50	25,00	8	0,162	0,119	60,09 €	
YG1.25-29	29	36,25	38,75	25,00	8	0,172	0,128	61,63 €	
YG1.25-30	30	37,50	40,00	35,00	8	0,228	0,137	63,59 €	
YG1.25-31	31	38,75	41,25	35,00	8	0,238	0,147	64,97 €	
YG1.25-32	32	40,00	42,50	35,00	8	0,248	0,157	66,27 €	
YG1.25-33	33	41,25	43,75	35,00	8	0,258	0,167	67,52 €	

Dimensions in mm

Part number	Teeth Z	PCD ØP	External ØD	Boss ØM	Bore ØA	Weight (kg)		Price each 1 to 5	
						YG	XG	YG	XG
YG1.25-34	34	42,50	45,00	35,00	8	0,269	0,178	68,39 €	
YG1.25-35	35	43,75	46,25	35,00	8	0,280	0,189	69,90 €	
YG1.25-36	36	45,00	47,50	35,00	8	0,291	0,200	70,86 €	
YG1.25-37	37	46,25	48,75	35,00	8	0,303	0,212	71,38 €	
YG1.25-38	38	47,50	50,00	35,00	8	0,315	0,224	72,21 €	
YG1.25-39	39	48,75	51,25	35,00	8	0,327	0,236	73,10 €	
YG1.25-40	40	50,00	52,50	45,00	10	0,396	0,245	73,72 €	
YG1.25-41	41	51,25	53,75	45,00	10	0,409	0,258	74,16 €	
YG1.25-42	42	52,50	55,00	45,00	10	0,422	0,271	74,44 €	
YG1.25-43	43	53,75	56,25	45,00	10	0,435	0,285	74,73 €	
YG1.25-44	44	55,00	57,50	45,00	10	0,449	0,299	75,11 €	
YG1.25-45	45	56,25	58,75	45,00	10	0,463	0,313	75,50 €	
YG1.25-46	46	57,50	60,00	45,00	10	0,478	0,328	75,71 €	
YG1.25-47	47	58,75	61,25	45,00	10	0,493	0,342	76,10 €	
YG1.25-48	48	60,00	62,50	45,00	10	0,508	0,358	76,40 €	
YG1.25-49	49	61,25	63,75	45,00	10	0,523	0,373	78,07 €	
YG1.25-50	50	62,50	65,00	45,00	10	0,539	0,389	78,79 €	
YG1.25-51	51	63,75	66,25	45,00	10	0,555	0,405	79,39 €	
YG1.25-52	52	65,00	67,50	45,00	10	0,572	0,421	80,41 €	
YG1.25-53	53	66,25	68,75	45,00	10	0,589	0,438	80,77 €	
YG1.25-54	54	67,50	70,00	45,00	10	0,606	0,455	81,50 €	
YG1.25-55	55	68,75	71,25	45,00	10	0,623	0,473	82,15 €	
YG1.25-56	56	70,00	72,50	45,00	10	0,641	0,490	85,73 €	
YG1.25-57	57	71,25	73,75	45,00	10	0,659	0,508	89,72 €	
YG1.25-58	58	72,50	75,00	45,00	10	0,677	0,527	90,88 €	
YG1.25-59	59	73,75	76,25	45,00	10	0,696	0,545	93,02 €	
YG1.25-60	60	75,00	77,50	45,00	10	0,715	0,564	94,88 €	
YG1.25-61	61	76,25	78,75	45,00	10	0,734	0,584	98,03 €	
YG1.25-62	62	77,50	80,00	60,00	10	0,877	0,603	97,22 €	
YG1.25-63	63	78,75	81,25	60,00	10	0,897	0,623	98,09 €	
YG1.25-64	64	80,00	82,50	60,00	10	0,917	0,644	99,24 €	
YG1.25-65	65	81,25	83,75	60,00	10	0,938	0,664	100,57 €	
YG1.25-66	66	82,50	85,00	60,00	10	0,959	0,685	101,90 €	
YG1.25-68	68	85,00	87,50	60,00	10	1,001	0,728	104,40 €	
YG1.25-70	70	87,50	90,00	60,00	10	1,045	0,772	106,20 €	
YG1.25-72	72	90,00	92,50	60,00	10	1,091	0,817	106,93 €	
YG1.25-73	73	91,25	93,75	60,00	10	1,114	0,841	107,33 €	
YG1.25-74	74	92,50	95,00	60,00	10	1,137	0,864	108,00 €	
YG1.25-76	76	95,00	97,50	60,00	10	1,185	0,912	109,81 €	
YG1.25-78	78	97,50	100,00	60,00	10	1,234	0,961	113,67 €	
YG1.25-80	80	100,00	102,50	60,00	10	1,285	1,011	121,31 €	
YG1.25-84	84	105,00	107,50	60,00	10	1,390	1,116	122,45 €	
YG1.25-88	88	110,00	112,50	60,00	10	1,499	1,226	134,44 €	
YG1.25-90	90	112,50	115,00	60,00	10	1,556	1,283	155,95 €	
YG1.25-96	96	120,00	122,50	60,00	12	1,734	1,461	157,04 €	
YG1.25-100	100	125,00	127,50	60,00	12	1,860	1,586	158,41 €	
YG1.25-112	112	140,00	142,50	60,00	12	2,266	1,992	201,47 €	
YG1.25-120	120	150,00	152,50	60,00	15	2,562	2,289	201,47 €	
YG1.25-130	130	162,50	165,00	60,00	15	2,961	2,688	219,05 €	
YG1.25-140	140	175,00	177,50	60,00	15	3,392	3,119	254,88 €	

On request

↓ **Gears available up to this size** ↓

YG1.25-142	142	177,50	180,00	Dimensions: contact us	on request
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Dimensions in mm

Plastic spur gear



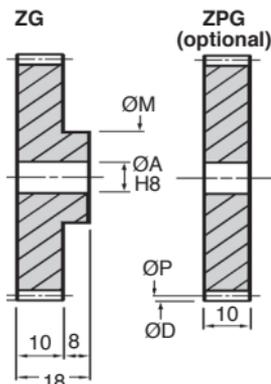
Module 1.25

Machined Delrin



- Machined parts
- Precision class 9
- Pressure angle 20°
- Working temp. -50°C to +80°C

Torque indication	
For 50 teeth at 1000 rpm	
Delrin	
Nm	1.0



DISCOUNTS

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number	Teeth Z	PCD ØP	External ØD	Boss ØM	Bore ØA	Weight (kg)		Price each 1 to 5	
						ZG	ZPG	ZG	ZPG
ZG1.25-9	9	12,50	15,00	15	5	0,003	0,001	16,64 €	On request
ZG1.25-10	10	13,75	16,25	15	5	0,003	0,002	16,64 €	
ZG1.25-11	11	15,00	17,50	15	5	0,004	0,002	16,64 €	
ZG1.25-12	12	15,00	17,50	15	5	0,004	0,002	16,64 €	
ZG1.25-13	13	16,25	18,75	15	5	0,004	0,002	16,64 €	
ZG1.25-14	14	17,50	20,00	15	5	0,004	0,003	16,80 €	
ZG1.25-15	15	18,75	21,25	15	5	0,005	0,003	17,27 €	
ZG1.25-16	16	20,00	22,50	16	6	0,005	0,004	17,71 €	
ZG1.25-17	17	21,25	23,75	16	6	0,006	0,004	18,38 €	
ZG1.25-18	18	22,50	25,00	16	6	0,007	0,005	18,76 €	
ZG1.25-19	19	23,75	26,25	16	6	0,007	0,005	20,49 €	
ZG1.25-20	20	25,00	27,50	16	6	0,008	0,006	20,71 €	
ZG1.25-21	21	26,25	28,75	18	6	0,009	0,007	21,03 €	
ZG1.25-22	22	27,50	30,00	18	6	0,010	0,007	21,16 €	
ZG1.25-23	23	28,75	31,25	18	6	0,010	0,008	23,68 €	
ZG1.25-24	24	30,00	32,50	18	6	0,011	0,009	24,12 €	
ZG1.25-25	25	31,25	33,75	18	6	0,012	0,009	24,52 €	
ZG1.25-26	26	32,50	35,00	18	6	0,013	0,010	24,85 €	
ZG1.25-27	27	33,75	36,25	18	6	0,013	0,011	25,48 €	
ZG1.25-28	28	35,00	37,50	18	6	0,014	0,012	26,62 €	
ZG1.25-29	29	36,25	38,75	18	6	0,015	0,013	27,24 €	
ZG1.25-30	30	37,50	40,00	18	6	0,016	0,014	28,13 €	
ZG1.25-31	31	38,75	41,25	18	6	0,017	0,015	32,78 €	

Dimensions in mm

Part number	Teeth Z	PCD ØP	External ØD	Boss ØM	Bore ØA	Weight (kg) ZG ZPG		Price each 1 to 5 ZG ZPG
ZG1.25-32	32	40,00	42,50	18	6	0,018	0,016	33,38 €
ZG1.25-33	33	41,25	43,75	18	6	0,019	0,017	34,03 €
ZG1.25-34	34	42,50	45,00	18	6	0,020	0,018	34,49 €
ZG1.25-35	35	43,75	46,25	18	6	0,021	0,019	35,26 €
ZG1.25-36	36	45,00	47,50	18	6	0,022	0,020	35,76 €
ZG1.25-38	38	47,50	50,00	18	6	0,025	0,022	36,37 €
ZG1.25-39	39	48,75	51,25	18	6	0,026	0,024	44,34 €
ZG1.25-40	40	50,00	52,50	22	8	0,028	0,025	44,65 €
ZG1.25-41	41	51,25	53,75	22	8	0,029	0,026	44,81 €
ZG1.25-42	42	52,50	55,00	22	8	0,031	0,027	45,09 €
ZG1.25-44	44	55,00	57,50	22	8	0,033	0,030	45,50 €
ZG1.25-45	45	56,25	58,75	22	8	0,035	0,031	45,69 €
ZG1.25-46	46	57,50	60,00	22	8	0,036	0,033	45,86 €
ZG1.25-47	47	58,75	61,25	22	8	0,038	0,034	52,34 €
ZG1.25-48	48	60,00	62,50	22	8	0,039	0,036	52,49 €
ZG1.25-49	49	61,25	63,75	22	8	0,041	0,037	53,68 €
ZG1.25-50	50	62,50	65,00	22	8	0,042	0,039	54,09 €
ZG1.25-51	51	63,75	66,25	22	8	0,044	0,040	54,69 €
ZG1.25-52	52	65,00	67,50	22	8	0,045	0,042	55,18 €
ZG1.25-53	53	66,25	68,75	22	8	0,047	0,044	55,61 €
ZG1.25-54	54	67,50	70,00	22	8	0,049	0,045	55,94 €
ZG1.25-55	55	68,75	71,25	26	10	0,051	0,047	56,48 €
ZG1.25-56	56	70,00	72,50	26	10	0,053	0,048	58,98 €
ZG1.25-57	57	71,25	73,75	26	10	0,055	0,050	61,56 €
ZG1.25-58	58	72,50	75,00	26	10	0,057	0,052	62,46 €
ZG1.25-59	59	73,75	76,25	26	10	0,059	0,054	67,63 €
ZG1.25-60	60	75,00	77,50	26	10	0,060	0,056	69,13 €
ZG1.25-61	61	76,25	78,75	26	10	0,062	0,058	69,83 €
ZG1.25-62	62	77,50	80,00	26	10	0,064	0,060	70,86 €
ZG1.25-63	63	78,75	81,25	26	10	0,066	0,062	71,48 €
ZG1.25-64	64	80,00	82,50	26	10	0,068	0,064	72,21 €
ZG1.25-65	65	81,25	83,75	26	10	0,070	0,066	73,19 €
ZG1.25-66	66	82,50	85,00	26	10	0,072	0,068	74,09 €
ZG1.25-68	68	85,00	87,50	26	10	0,077	0,072	76,14 €
ZG1.25-70	70	87,50	90,00	26	10	0,081	0,076	77,36 €
ZG1.25-72	72	90,00	92,50	26	10	0,085	0,081	86,53 €
ZG1.25-73	73	91,25	93,75	26	10	0,088	0,083	86,95 €
ZG1.25-74	74	92,50	95,00	26	10	0,090	0,085	87,39 €
ZG1.25-76	76	95,00	97,50	26	10	0,095	0,090	88,90 €
ZG1.25-78	78	97,50	100,00	26	10	0,100	0,095	92,07 €
ZG1.25-80	80	100,00	102,50	30	10	0,106	0,100	107,92 €
ZG1.25-84	84	105,00	107,50	30	10	0,117	0,110	96,66 €
ZG1.25-88	88	110,00	112,50	30	10	0,128	0,121	106,32 €
ZG1.25-90	90	112,50	115,00	30	10	0,133	0,127	107,18 €
ZG1.25-96	96	120,00	122,50	30	12	0,151	0,144	134,54 €
ZG1.25-100	100	125,00	127,50	30	12	0,163	0,157	136,58 €
ZG1.25-112	112	140,00	142,50	30	12	0,203	0,197	176,47 €
ZG1.25-120	120	150,00	152,50	40	15	0,233	0,226	174,91 €

On request



Gears available up to this size

ZG1.25-142 142
Dimensions in mm

177,50 180,00

Dimensions: contact us