

Module 1.0



Spur gear

Pre-treated or case hardened steel



- **Quality grade 7e25 DIN 3961 (AGMA Q10)**

- **Material :**

Pre-treated steel 35NCD6, 28HRC

Case hardened steel 20NCD2 58HRC

- Teeth conform to DIN 867

- Tooth thickness conforms to DIN 3967

- Efficiency approx 98%

Options

- Alternative bores (H7)

- Keyway conforming to DIN6885 (J59)

- Tapped hole

- Hole for dowel pin

Info.

- Torque figures are for 100 rpm and are given as a guide only

- Grade and tolerances measured before heat treatment.

Quality grade 7e25

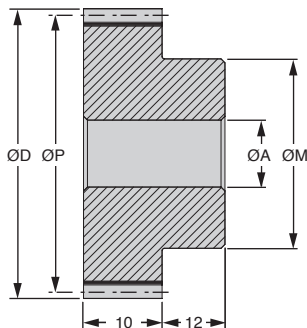
DISCOUNTS

Qty	1+	6+	19+	50+
Disc.	List	-5%	-10%	On request

Part number		Z	OP	OD	OA	OM	Backlash	Torque (Nm)		Weight	Price each 1 to 5	
Standard	hardened	Teeth	Pitch	External	Bore	Boss	(mm)	Standard	hardened	Standard	Standard	hardened
PSG1.0-18	PSG1.0-18H	18	18	20	5	15	0,127 - 0,053	1,76	6,47	0,033	31,31	€ 51,70
PSG1.0-19	PSG1.0-19H	19	19	21	5	15	0,128 - 0,052	1,86	6,83	0,035	31,80	€ 52,47
PSG1.0-20	PSG1.0-20H	20	20	22	5	15	0,128 - 0,052	2,48	8,85	0,038	32,81	€ 54,22
PSG1.0-21	PSG1.0-21H	21	21	23	5	15	0,128 - 0,052	2,60	9,29	0,040	33,06	€ 54,52
PSG1.0-22	PSG1.0-22H	22	22	24	5	15	0,128 - 0,052	2,73	9,73	0,043	33,50	€ 55,33
PSG1.0-23	PSG1.0-23H	23	23	25	5	15	0,128 - 0,052	2,85	10,18	0,045	33,68	€ 55,55
PSG1.0-24	PSG1.0-24H	24	24	26	6	20	0,128 - 0,052	2,97	10,62	0,060	33,84	€ 55,89
PSG1.0-25	PSG1.0-25H	25	25	27	6	20	0,128 - 0,052	3,10	11,06	0,063	35,27	€ 58,22
PSG1.0-26	PSG1.0-26H	26	26	28	6	20	0,128 - 0,052	3,79	11,52	0,066	36,52	€ 60,33
PSG1.0-27	PSG1.0-27H	27	27	29	6	20	0,128 - 0,052	3,94	11,96	0,069	37,28	€ 61,54
PSG1.0-28	PSG1.0-28H	28	28	30	6	20	0,128 - 0,052	4,08	12,41	0,073	38,11	€ 62,93
PSG1.0-29	PSG1.0-29H	29	29	31	8	25	0,128 - 0,052	4,23	12,85	0,089	39,10	€ 64,57
PSG1.0-30	PSG1.0-30H	30	30	32	8	25	0,128 - 0,052	4,81	13,21	0,092	39,75	€ 65,68
PSG1.0-32	PSG1.0-32H	32	32	34	8	25	0,129 - 0,051	5,13	14,09	0,100	40,78	€ 67,30
PSG1.0-35	PSG1.0-35H	35	35	37	8	25	0,129 - 0,051	5,61	15,41	0,112	42,19	€ 69,64
PSG1.0-38	PSG1.0-38H	38	38	40	10	34	0,129 - 0,051	6,09	16,73	0,160	43,90	€ 72,46
PSG1.0-40	PSG1.0-40H	40	40	42	10	34	0,129 - 0,051	8,19	19,59	0,170	45,49	€ 75,16
PSG1.0-42	PSG1.0-42H	42	42	44	10	34	0,129 - 0,051	8,60	20,57	0,180	45,82	€ 75,72
PSG1.0-45	PSG1.0-45H	45	45	47	10	34	0,129 - 0,051	9,22	22,04	0,196	46,49	€ 76,77
PSG1.0-48	PSG1.0-48H	48	48	50	10	34	0,129 - 0,051	9,83	23,51	0,213	46,89	€ 77,40
PSG1.0-50	PSG1.0-50H	50	50	52	10	34	0,129 - 0,051	12,15	26,57	0,225	51,77	€ 85,42

Dimensions in mm

Module 1.0



DISCOUNTS

Qty	1+	6+	19+	50+
Disc.	List	-5%	-10%	On request

Part number	Z	OP	OD	OA	OM	Backlash	Torque (Nm)	Weight	Price each	1 to 5		
Standard	hardened	Teeth	Pitch	External	Bore	Boss	(mm)	Standard	hardened	Standard	hardened	
PSG1.0-52	PSG1.0-52H	52	52	54	10	40	0,171 - 0,069	12,63	27,64	0,270	53,33 €	87,96 €
PSG1.0-55	PSG1.0-55H	55	55	57	10	40	0,171 - 0,069	13,36	29,23	0,290	55,51 €	91,62 €
PSG1.0-58	PSG1.0-58H	58	58	60	10	40	0,171 - 0,069	14,09	30,82	0,311	57,23 €	94,42 €
PSG1.0-60	PSG1.0-60H	60	60	62	10	40	0,171 - 0,069	17,35	33,20	0,325	58,53 €	96,63 €
PSG1.0-62	PSG1.0-62H	62	62	64	10	40	0,171 - 0,069	17,92	34,31	0,340	60,46 €	99,81 €
PSG1.0-65	PSG1.0-65H	65	65	67	10	50	0,171 - 0,069	18,79	35,97	0,430	64,81 €	106,93 €
PSG1.0-68	PSG1.0-68H	68	68	70	10	50	0,171 - 0,069	19,66	37,63	0,455	68,14 €	112,48 €
PSG1.0-70	PSG1.0-70H	70	70	72	10	50	0,171 - 0,069	20,24	38,73	0,472	69,55 €	114,81 €
PSG1.0-72	PSG1.0-72H	72	72	74	10	50	0,171 - 0,069	20,81	39,84	0,489	71,03 €	117,28 €
PSG1.0-75	PSG1.0-75H	75	75	77	10	50	0,171 - 0,069	21,68	41,50	0,516	75,80 €	125,11 €
PSG1.0-78	PSG1.0-78H	78	78	80	10	60	0,171 - 0,069	22,55	43,16	0,626	76,97 €	127,03 €
PSG1.0-80	PSG1.0-80H	80	80	82	10	60	0,171 - 0,069	29,61	46,42	0,645	78,51 €	129,54 €
PSG1.0-82	PSG1.0-82H	82	82	84	10	60	0,173 - 0,067	30,35	47,58	0,665	79,63 €	131,43 €
PSG1.0-85	PSG1.0-85H	85	85	87	10	60	0,173 - 0,067	31,46	49,32	0,696	81,31 €	134,22 €
PSG1.0-90	PSG1.0-90H	90	90	92	10	60	0,173 - 0,067	33,31	52,22	0,750	83,94 €	138,53 €
PSG1.0-95	PSG1.0-95H	95	95	97	10	60	0,173 - 0,067	35,16	55,12	0,807	92,93 €	153,39 €
PSG1.0-100	PSG1.0-100H	100	100	102	14	70	0,173 - 0,067	37,99	59,36	0,950	94,16 €	155,44 €
PSG1.0-110	PSG1.0-110H	110	110	112	14	70	0,173 - 0,067	41,79	65,30	1,079	117,91 €	194,59 €
PSG1.0-120	PSG1.0-120H	120	120	122	14	70	0,173 - 0,067	45,59	71,24	1,220	133,35 €	220,02 €

Dimensions in mm

Our other products



EBH

Cap nut Hygienic Design®, With collar



DOMI30

Domino 30 adjustable slide, Slide DOMILINE 30 with counter and handw...



HLC24

Right angle spiro bevel gearbox, Up to 78Nm



GAC

Latch clamp with lock, Lockable



PTCR

Adjustable furniture foot, square tube



PCS_PA6

Plastic sprocket, 12.7mm (DIN 08B-1)



PTA150

Articulated levelling foot, pressed base Ø150, Ø 150



STU

Stroke rotary bushing, Steel



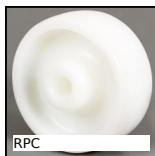
VCMB

Dual-thread screw wood/metal, Steel



PML

Solid foot mount for heavy loads, Ø 100, 120 or 150



RPC

Wheel, Polyamide



DOMI50

Domino 50 adjustable slide, Slide DOMILINE 50

Complementary products



PSG1

Spur gear - precision range, Case hardened steel 20NCD2



PSG1S

Spur gear - precision range, Stainless steel 303