

Module 1.5



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.

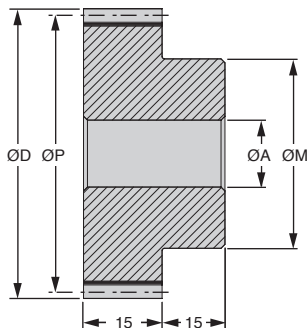
Quality grade 7e25

DISCOUNTS

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

Part number		Z	ØP	ØD	ØA	ØM	Backlash	Torque (Nm)		Weight	Price each 1 to 5	
Standard	hardened	Teeth	Pitch	External	Bore	Boss	(mm)	Standard	hardened	Standard	hardened	
PSG1.5-18	PSG1.5-18H	18	27.0	30.0	6	22	0,128 - 0,052	5,49	20,13	0,105	41,03	€ 67,72
PSG1.5-19	PSG1.5-19H	19	28.5	31.5	6	22	0,128 - 0,052	5,79	21,24	0,112	42,60	€ 70,29
PSG1.5-20	PSG1.5-20H	20	30.0	33.0	6	22	0,128 - 0,052	7,71	28,28	0,120	44,72	€ 73,84
PSG1.5-21	PSG1.5-21H	21	31.5	34.5	8	25	0,129 - 0,051	8,10	29,69	0,137	45,09	€ 74,44
PSG1.5-22	PSG1.5-22H	22	33.0	36.0	8	25	0,129 - 0,051	8,48	31,10	0,145	45,64	€ 75,30
PSG1.5-23	PSG1.5-23H	23	34.5	37.5	8	25	0,129 - 0,051	8,87	32,52	0,155	46,44	€ 76,68
PSG1.5-24	PSG1.5-24H	24	36.0	39.0	8	25	0,129 - 0,051	9,25	33,93	0,164	46,89	€ 77,40
PSG1.5-25	PSG1.5-25H	25	37.5	40.5	8	25	0,129 - 0,051	9,64	35,34	0,174	49,36	€ 81,43
PSG1.5-26	PSG1.5-26H	26	39.0	42.0	8	25	0,129 - 0,051	11,79	38,88	0,185	51,67	€ 85,29
PSG1.5-27	PSG1.5-27H	27	40.5	43.5	8	25	0,129 - 0,051	12,25	40,38	0,196	53,33	€ 87,96
PSG1.5-28	PSG1.5-28H	28	42.0	45.0	8	25	0,129 - 0,051	12,70	41,87	0,207	54,82	€ 90,49
PSG1.5-29	PSG1.5-29H	29	43.5	46.5	10	35	0,129 - 0,051	13,15	43,37	0,268	55,68	€ 91,91
PSG1.5-30	PSG1.5-30H	30	45.0	48.0	10	35	0,129 - 0,051	14,97	44,58	0,280	57,34	€ 94,64
PSG1.5-32	PSG1.5-32H	32	48.0	51.0	10	35	0,129 - 0,051	15,97	47,55	0,306	59,29	€ 97,90
PSG1.5-35	PSG1.5-35H	35	52.5	55.5	10	35	0,171 - 0,069	17,46	52,01	0,347	61,20	€ 100,97
PSG1.5-38	PSG1.5-38H	38	57.0	60.0	12	45	0,171 - 0,069	18,96	56,47	0,458	67,03	€ 110,65
PSG1.5-40	PSG1.5-40H	40	60.0	63.0	12	45	0,171 - 0,069	25,50	66,12	0,490	69,72	€ 115,07
PSG1.5-42	PSG1.5-42H	42	63.0	66.0	12	45	0,171 - 0,069	26,78	69,42	0,524	70,03	€ 115,64
PSG1.5-45	PSG1.5-45H	45	67.5	70.5	12	45	0,171 - 0,069	28,69	74,38	0,578	71,57	€ 118,11
PSG1.5-48	PSG1.5-48H	48	72.0	75.0	12	45	0,171 - 0,069	30,60	79,34	0,636	76,45	€ 126,18

Dimensions in mm



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	Teeth	Pitch	External	Bore	Boss	(mm)	Standard	Standard	Standard			
hardened							hardened	hardened	hardened			
PSG1.5-50	PSG1.5-50H	50	75.0	78.0	14	55	0,171 - 0,069	37,80	89,68	0,760	85,47 €	141,06 €
PSG1.5-52	PSG1.5-52H	52	78,0	81,0	14	55	0,171 - 0,069	39,31	93,27	0,802	89,83 €	148,21 €
PSG1.5-55	PSG1.5-55H	55	82,5	85,5	14	55	0,173 - 0,067	41,58	98,65	0,868	92,06 €	151,97 €
PSG1.5-58	PSG1.5-58H	58	87,0	90,0	14	55	0,173 - 0,067	43,85	104,03	0,939	94,16 €	155,44 €
PSG1.5-60	PSG1.5-60H	60	90,0	93,0	14	55	0,173 - 0,067	53,98	112,05	0,987	95,04 €	156,88 €
PSG1.5-62	PSG1.5-62H	62	93,0	96,0	14	55	0,173 - 0,067	55,78	115,79	1,038	96,93 €	159,99 €
PSG1.5-65	PSG1.5-65H	65	97,5	100,5	14	55	0,173 - 0,067	58,48	121,39	1,117	100,60 €	166,00 €
PSG1.5-68	PSG1.5-68H	68	102,0	105,0	16	65	0,173 - 0,067	61,18	127,00	1,300	106,67 €	176,09 €
PSG1.5-70	PSG1.5-70H	70	105,0	108,0	16	65	0,173 - 0,067	62,98	130,73	1,357	110,54 €	182,39 €
PSG1.5-72	PSG1.5-72H	72	108,0	111,0	16	65	0,173 - 0,067	64,78	134,47	1,416	116,86 €	192,79 €
PSG1.5-75	PSG1.5-75H	75	112,5	115,5	16	65	0,173 - 0,067	67,48	140,07	1,507	124,55 €	205,56 €
PSG1.5-78	PSG1.5-78H	78	117,0	120,0	16	65	0,173 - 0,067	70,17	145,67	1,602	131,23 €	216,63 €
PSG1.5-80	PSG1.5-80H	80	120,0	123,0	16	65	0,173 - 0,067	92,13	156,66	1,668	136,14 €	224,64 €
PSG1.5-82	PSG1.5-82H	82	123,0	126,0	16	65	0,175 - 0,065	94,44	160,57	1,735	142,37 €	234,90 €

Dimensions in mm

Our other products



NPTR_M

Adjustable cross clamp, Adjustable



RURt

Swivel castor with central hole, Polyurethane - Aluminium rim (Free



UCF_SS

Stainless steel flanged bearing, Stainless steel



VRC2

Retaining clamp, dual sided, Dual sided



VRM

Female swivelling lifting rings, Female swivelling



PTA40ssEB

Articulated foot with sheet metal base Ø40, Ø 40



HFL

One way needle bearing, Needle bearing



SVG

Adjustable latch clamp with strike plate, Stroke from 106,7mm to 121...



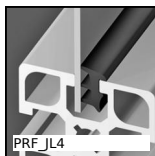
MFB_MHB

Moulded plastic bevel gear (nylon), 4:1



CHARcav

Spring hinge, to install



PRF_JL4

Lip seal for panel, Door seal - Ø 4mm



MFBS

Stainless steel flexible bellows coupling, Stainless steel - with se...

Complementary products



PSG15

Spur gear - precision range, Case hardened steel 20NCD2



PSG15S

Spur gear - precision range, Stainless steel 303