

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 (JS9)

- 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.

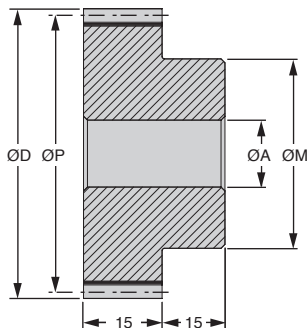
Quality grade 7e25

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			
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



AT5courroie
AT type timing belt,
AT5 Steel cored
polyurethane



DCG
Suction cup, 2.5
bellows, silicon



PGNT
Thermoplastic T
handle, With threaded
insert



E40
Right angle helical
reducers, from 2.30 to
20 Nm



VDSCB
Sliding lock
adjustment system,
Blocking wedge for
sliding lock for ...



BL15
Right angled gearbox,
from 1.10 to 6 Nm



BPM_LOK
Long-Lok slotted
spring plunger with
ball tip, LONG-LOK -
Steel



CHAEpac
Square decorative
screwed hinges,
carbon fibre
reinforced



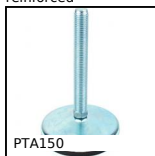
VTHA
Magnetic screw with
hexagonal head, Steel



M0
Worm and wheel set,
Bronze



M1
Worm and wheel set,
Machined plastic
(delrin)



PTA150
Articulated levelling
foot, pressed base
Ø150, Ø 150

Complementary products



PSG15
Spur gear - precision
range, Pre-hardened
Steel 35NCD6



PSG15S
Spur gear - precision
range, Stainless steel
303