

# Module 1.25

# 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

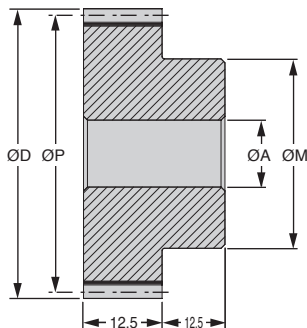
## DISCOUNTS

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	hardened	Standard	hardened
PSG1.25-18	PSG1.25-18H	18	22.50	25.00	6	15	0,097 - 0,046	3,29	12,08	0,050		39,19	64,67
PSG1.25-19	PSG1.25-19H	19	23.75	26.25	6	15	0,097 - 0,046	3,48	12,75	0,055		39,75	65,68
PSG1.25-20	PSG1.25-20H	20	25.00	27.50	6	15	0,108 - 0,052	4,63	16,97	0,059		40,37	66,65
PSG1.25-21	PSG1.25-21H	21	26.25	28.75	8	20	0,108 - 0,052	4,86	17,82	0,073		41,66	68,74
PSG1.25-22	PSG1.25-22H	22	27.50	30.00	8	20	0,108 - 0,052	5,09	18,67	0,079		42,25	69,72
PSG1.25-23	PSG1.25-23H	23	28.75	31.25	8	20	0,108 - 0,052	5,32	19,52	0,084		42,43	70,03
PSG1.25-24	PSG1.25-24H	24	30.00	32.50	8	22	0,108 - 0,052	5,55	20,36	0,096		42,68	70,40
PSG1.25-25	PSG1.25-25H	25	31.25	33.75	8	22	0,109 - 0,050	5,79	21,21	0,102		44,42	73,36
PSG1.25-26	PSG1.25-26H	26	32.50	35.00	8	22	0,109 - 0,050	7,08	22,50	0,108		46,02	75,97
PSG1.25-27	PSG1.25-27H	27	33.75	36.25	8	22	0,109 - 0,050	7,35	23,37	0,114		47,00	77,53
PSG1.25-28	PSG1.25-28H	28	35.00	37.50	8	25	0,109 - 0,050	7,62	24,23	0,132		48,01	79,27
PSG1.25-29	PSG1.25-29H	29	36.25	38.75	8	25	0,109 - 0,050	7,90	25,10	0,138		49,29	81,38
PSG1.25-30	PSG1.25-30H	30	37.50	40.00	8	25	0,109 - 0,050	8,98	25,80	0,145		50,12	82,72
PSG1.25-32	PSG1.25-32H	32	40.00	42.50	8	25	0,109 - 0,050	9,58	27,52	0,160		51,40	84,87
PSG1.25-35	PSG1.25-35H	35	43.75	46.25	10	30	0,109 - 0,050	10,48	30,10	0,200		53,16	87,74
PSG1.25-38	PSG1.25-38H	38	47.50	50.00	10	30	0,109 - 0,050	11,38	32,68	0,226		55,33	91,29
PSG1.25-40	PSG1.25-40H	40	50.00	52.50	10	30	0,120 - 0,057	15,31	38,26	0,245		57,34	94,66
PSG1.25-42	PSG1.25-42H	42	52.50	55.00	10	30	0,122 - 0,055	16,07	40,17	0,264		57,79	95,35
PSG1.25-45	PSG1.25-45H	45	56.25	58.75	10	30	0,122 - 0,055	17,22	43,04	0,296		58,62	96,76

Dimensions in mm

# Module 1.25

## 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	Standard hardened			
PSG1.25-48	PSG1.25-48H	48	60,00	62,50	10	40	0,122 - 0,055	18,37	45,91	0,383	59,09 €	97,59 €
PSG1.25-50	PSG1.25-50H	50	62,50	65,00	10	40	0,122 - 0,055	22,69	51,90	0,407	65,26 €	107,70 €
PSG1.25-52	PSG1.25-52H	52	65,00	67,50	10	40	0,122 - 0,055	23,60	53,98	0,431	67,19 €	110,91 €
PSG1.25-55	PSG1.25-55H	55	68,75	71,25	10	40	0,122 - 0,055	24,96	57,09	0,469	69,98 €	115,51 €
PSG1.25-58	PSG1.25-58H	58	72,50	75,00	10	40	0,122 - 0,055	26,32	60,20	0,510	72,08 €	118,98 €
PSG1.25-60	PSG1.25-60H	60	75,00	77,50	10	50	0,122 - 0,055	32,40	64,85	0,608	73,76 €	121,75 €
PSG1.25-62	PSG1.25-62H	62	77,50	80,00	10	50	0,122 - 0,055	33,48	67,01	0,637	76,21 €	125,75 €
PSG1.25-65	PSG1.25-65H	65	81,25	83,75	10	50	0,123 - 0,053	35,10	70,25	0,683	81,64 €	134,79 €
PSG1.25-68	PSG1.25-68H	68	85,00	87,50	10	50	0,123 - 0,053	36,72	73,49	0,731	85,87 €	141,69 €
PSG1.25-70	PSG1.25-70H	70	87,50	90,00	10	50	0,123 - 0,053	37,80	75,65	0,764	87,63 €	144,33 €
PSG1.25-72	PSG1.25-72H	72	90,00	92,50	10	50	0,123 - 0,053	38,88	77,82	0,798	89,56 €	147,76 €
PSG1.25-75	PSG1.25-75H	75	93,75	96,25	10	60	0,123 - 0,053	40,50	81,06	0,935	95,55 €	157,64 €
PSG1.25-78	PSG1.25-78H	78	97,50	100,00	10	60	0,123 - 0,053	42,12	84,30	0,991	96,95 €	160,04 €
PSG1.25-80	PSG1.25-80H	80	100,00	102,50	10	60	0,138 - 0,064	55,30	90,66	1,029	98,93 €	163,29 €
PSG1.25-82	PSG1.25-82H	82	102,50	105,00	10	60	0,138 - 0,064	56,68	92,92	1,067	100,34 €	165,57 €
PSG1.25-85	PSG1.25-85H	85	106,25	108,75	10	60	0,138 - 0,064	58,75	96,32	1,128	102,51 €	169,16 €
PSG1.25-90	PSG1.25-90H	90	112,50	115,00	10	65	0,138 - 0,064	62,21	101,99	1,281	105,80 €	174,61 €
PSG1.25-95	PSG1.25-95H	95	118,75	121,25	10	65	0,138 - 0,064	65,67	107,66	1,392	117,12 €	193,29 €
PSG1.25-100	PSG1.25-100H	100	125,00	127,50	14	65	0,140 - 0,062	74,20	115,95	1,494	118,68 €	195,86 €
PSG1.25-110	PSG1.25-110H	110	137,50	140,00	14	70	0,140 - 0,062	77,92	121,74	1,798	148,58 €	245,22 €
PSG1.25-120	PSG1.25-120	120	150,00	152,50	14	70	0,140 - 0,062	81,63	127,54	2,075	168,04 €	168,04 €

Dimensions in mm

## Our other products



KSM

Cylindrical steel nut,  
Steel - 1 thread



SLVVlok

Vertical toggle clamp,  
Vertical toggle clamp /  
vertical foot



APBC

Circular rod, Round  
rod



PRF\_GAL

Roller for aluminium  
profile, Flat roller



AC

Strike for toggle latch,  
15mm



CM

Tools Hygienic Usit®  
and Hygienic  
Design®,  
Combination spanner



PLA

Flat magnet, Flat  
magnet with threaded  
hole



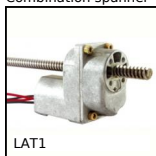
CHA35

Hinge for aluminium  
profile, Hinge



DGSA

Male rod ends , Steel /  
steel - Economy range



LAT1

1A motorised linear  
actuator, 1 ampere



MHPGR

Arm with folding  
rotating handle,



ZHBRA

Plastic bevel gear,  
1,25:1 2:1 3:1

## Complementary products



PSG125

Spur gear - precision  
range, Case hardened  
steel 20NCD2



PSG125S

Spur gear - precision  
range, Stainless steel  
303