

# Module

# 0.8



# Spur gear

Pre-treated or case hardened steel



- **Quality grade 7e DIN 58405 (AGMA Q10)**

- Material :

Pre-treated steel 35NCD6, 28HRC  
Case hardened steel 20NCD2 58HRC

- Teeth profile conform to DIN 867
- Tooth thickness conforms to DIN 58405
- 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 7e

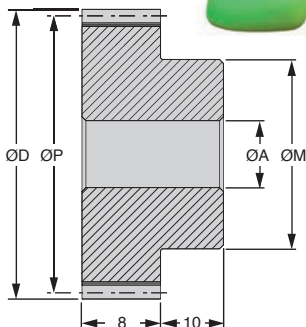
## DISCOUNTS

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	Ø Boss	Standard	hardened	Standard	hardened		
PSG0.8-18	PSG0.8-18H	18	14,4	16,0	5	11	0,096 - 0,047	0,94	3,46	0,015	29,52 €	49,49 €
PSG0.8-19	PSG0.8-19H	19	15,2	16,8	5	11	0,096 - 0,047	1,00	3,65	0,016	30,00 €	50,28 €
PSG0.8-20	PSG0.8-20H	20	16,0	17,6	5	11	0,096 - 0,047	1,33	4,53	0,017	30,43 €	51,02 €
PSG0.8-21	PSG0.8-21H	21	16,8	18,4	5	12	0,096 - 0,047	1,39	4,76	0,020	31,40 €	51,79 €
PSG0.8-22	PSG0.8-22H	22	17,6	19,2	5	12	0,096 - 0,047	1,46	4,98	0,021	31,82 €	52,57 €
PSG0.8-23	PSG0.8-23H	23	18,4	20,0	5	12	0,097 - 0,046	1,53	5,21	0,023	31,99 €	52,78 €
PSG0.8-24	PSG0.8-24H	24	19,2	20,8	6	14	0,097 - 0,046	1,59	5,44	0,026	32,13 €	53,09 €
PSG0.8-25	PSG0.8-25H	25	20,0	21,6	6	14	0,097 - 0,046	1,66	5,66	0,028	33,50 €	55,31 €
PSG0.8-26	PSG0.8-26H	26	20,8	22,4	6	14	0,097 - 0,046	2,03	5,90	0,029	34,71 €	57,29 €
PSG0.8-27	PSG0.8-27H	27	21,6	23,2	6	14	0,097 - 0,046	2,11	6,13	0,031	35,38 €	58,43 €
PSG0.8-28	PSG0.8-28H	28	22,4	24,0	8	18	0,097 - 0,046	2,18	6,35	0,037	36,21 €	59,79 €
PSG0.8-29	PSG0.8-29H	29	23,2	24,8	8	18	0,097 - 0,046	2,26	6,58	0,039	37,16 €	61,33 €
PSG0.8-30	PSG0.8-30H	30	24,0	25,6	8	18	0,097 - 0,046	2,58	6,76	0,041	37,77 €	62,34 €
PSG0.8-32	PSG0.8-32H	32	25,6	27,2	8	18	0,108 - 0,052	2,75	7,21	0,045	38,74 €	64,00 €
PSG0.8-35	PSG0.8-35H	35	28,0	29,6	10	20	0,108 - 0,052	3,00	7,89	0,052	40,05 €	66,12 €
PSG0.8-38	PSG0.8-38H	38	30,4	32,0	10	20	0,109 - 0,050	3,26	8,57	0,059	41,73 €	68,82 €
PSG0.8-40	PSG0.8-40H	40	32,0	33,6	10	20	0,109 - 0,050	4,39	10,03	0,064	43,23 €	71,38 €
PSG0.8-42	PSG0.8-42H	42	33,6	35,2	10	20	0,109 - 0,050	4,61	10,53	0,069	43,55 €	71,89 €
PSG0.8-45	PSG0.8-45H	45	36,0	37,6	10	20	0,109 - 0,050	4,94	11,28	0,077	44,17 €	72,95 €
PSG0.8-48	PSG0.8-48H	48	38,4	40,0	10	30	0,109 - 0,050	5,26	12,04	0,117	44,53 €	73,54 €
PSG0.8-50	PSG0.8-50H	50	40,0	41,6	10	30	0,109 - 0,050	6,50	13,61	0,123	53,78 €	81,18 €
PSG0.8-52	PSG0.8-52H	52	41,6	43,2	10	30	0,109 - 0,050	6,76	14,15	0,129	50,66 €	83,60 €
PSG0.8-55	PSG0.8-55H	55	44,0	45,6	10	30	0,109 - 0,050	7,15	14,97	0,139	52,73 €	87,07 €
PSG0.8-58	PSG0.8-58H	58	46,4	48,0	10	30	0,109 - 0,050	7,54	15,78	0,150	54,35 €	89,70 €

Dimensions in mm

# Module 0.8



## 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
PSG0.8-60 PSG0.8-60H	60	48,0	49,6	10	40	0,109 - 0,050	9,29 17,00	0,200	55,62 € 91,79 €
PSG0.8-62 PSG0.8-62H	62	49,6	51,2	10	40	0,109 - 0,050	9,60 17,57	0,208	57,44 € 94,83 €
PSG0.8-65 PSG0.8-65H	65	52,0	53,6	10	40	0,122 - 0,055	10,06 18,42	0,220	61,58 € 101,58 €
PSG0.8-68 PSG0.8-68H	68	54,4	56,0	10	40	0,122 - 0,055	10,52 19,27	0,233	64,69 € 106,83 €
PSG0.8-70 PSG0.8-70H	70	56,0	57,6	10	40	0,122 - 0,055	10,83 19,83	0,241	66,07 € 109,04 €
PSG0.8-72 PSG0.8-72H	72	57,6	59,2	10	40	0,122 - 0,055	11,14 20,40	0,250	67,49 € 111,40 €
PSG0.8-75 PSG0.8-75H	75	60,0	61,6	10	50	0,122 - 0,055	11,61 21,25	0,320	72,01 € 118,86 €
PSG0.8-78 PSG0.8-78H	78	62,4	64,0	10	50	0,122 - 0,055	12,07 22,10	0,334	73,08 € 120,64 €
PSG0.8-80 PSG0.8-80H	80	64,0	65,6	10	50	0,122 - 0,055	15,21 23,77	0,344	74,60 € 123,08 €
PSG0.8-82 PSG0.8-82H	82	65,6	67,2	10	50	0,122 - 0,055	15,59 24,36	0,354	75,61 € 124,85 €
PSG0.8-85 PSG0.8-85H	85	68,0	69,6	10	50	0,122 - 0,055	16,16 25,25	0,370	77,27 € 127,52 €
PSG0.8-90 PSG0.8-90H	90	72,0	73,6	10	65	0,122 - 0,055	17,11 26,74	0,504	79,74 € 131,61 €
PSG0.8-95 PSG0.8-95H	95	76,0	77,6	10	65	0,122 - 0,055	18,06 28,22	0,533	88,27 € 145,72 €
PSG0.8-100 PSG0.8-100H	100	80,0	81,6	14	65	0,122 - 0,055	19,45 30,39	0,553	89,45 € 147,65 €
PSG0.8-110 PSG0.8-110H	110	88,0	89,6	14	70	0,123 - 0,053	20,42 31,91	0,661	112,01 € 184,85 €
PSG0.8-120 PSG0.8-120H	120	96,0	97,6	14	70	0,123 - 0,053	21,40 33,43	0,733	126,67 € 209,01 €

Dimensions in mm

## Our other products



SH2

Parallel axis helical gear, Steel 20NCD2



TCXR

Automatic chain tensioner, With steel sprocket



BH02

Single housed bearing assembly, Bearing secured with circlips



CHAC4040SS

Square hinge with riveted pin, drilled, Square with riveted pin, dri...



APBC

Circular rod, Round rod



T10\_30\_AL

T type timing pulley, Economy range - T10 aluminium



HBM

Adjustment bushing for half-rail guide, Adjustment bushing



RURt

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



RBNpl

Swivel castor with plate, Steel - rubber



G-ECO

Eco range Spur gear, Steel C45



GB-RA

Brass spur gear, Brass CuZn39Pb3



PR40

Articulated foot Ø50, Ø 50

## Complementary products



PSG08

Spur gear - precision range, Case hardened steel 20NCD2



PSG08S

Spur gear - precision range, Stainless steel 303