

# Module Spur gear

## 0.8



S/Steel 303  
S/Steel 316



- Quality grade 7e DIN 58405 (AGMA Q10)
- Material :
  - Stainless steel 303
  - Stainless steel 316
- Teeth profile conform to DIN 867
- Tooth thickness conforms to DIN 58405
- Efficiency approx 98%

### Options

- Alternative bores (H7)
- Keyway conforming to DIN 6885 (J59)
- Tapped hole
- Hole for dowel pin

### Info.

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

Quality grade 7e

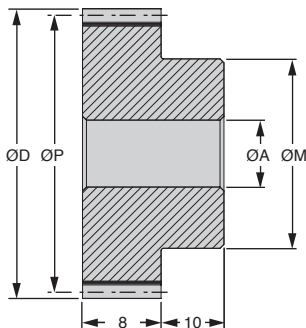
### DISCOUNTS

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

Part number		Z	ØP	ØD	ØA	ØM	Backlash	Torque (Nm)		Weight	Price each 1 to 5	
S/steel303	S/steel 316	Teeth	Pitch	External	Bore	Boss	(mm)	S/steel 303	S/steel316 (kg)		S/steel303	S/steel 316
PSGO.8-18S	PSGO.8-18SL	18	14.4	16.0	5	11	0.096 - 0.047	0.57	0.44	0.015	39,87	€ 45,80
PSGO.8-19S	PSGO.8-19SL	19	15.2	16.8	5	11	0.096 - 0.047	0.60	0.47	0.016	40,47	€ 46,49
PSGO.8-20S	PSGO.8-20SL	20	16.0	17.6	5	11	0.096 - 0.047	0.80	0.62	0.017	41,11	€ 47,18
PSGO.8-21S	PSGO.8-21SL	21	16.8	18.4	5	12	0.096 - 0.047	0.84	0.65	0.020	42,36	€ 48,68
PSGO.8-22S	PSGO.8-22SL	22	17.6	19.2	5	12	0.096 - 0.047	0.88	0.68	0.022	43,03	€ 49,36
PSGO.8-23S	PSGO.8-23SL	23	18.4	20.0	5	12	0.097 - 0.046	0.92	0.71	0.023	43,16	€ 49,60
PSGO.8-24S	PSGO.8-24SL	24	19.2	20.8	6	14	0.097 - 0.046	0.96	0.74	0.027	43,42	€ 49,87
PSGO.8-25S	PSGO.8-25SL	25	20.0	21.6	6	14	0.097 - 0.046	0.99	0.77	0.028	45,23	€ 51,96
PSGO.8-26S	PSGO.8-26SL	26	20.8	22.4	6	14	0.097 - 0.046	1.22	0.95	0.030	46,87	€ 53,78
PSGO.8-27S	PSGO.8-27SL	27	21.6	23.2	6	14	0.097 - 0.046	1.26	0.98	0.031	47,82	€ 54,93
PSGO.8-28S	PSGO.8-28SL	28	22.4	24.0	8	18	0.097 - 0.046	1.31	1.02	0.038	48,92	€ 56,14
PSGO.8-29S	PSGO.8-29SL	29	23.2	24.8	8	18	0.097 - 0.046	1.36	1.06	0.040	50,17	€ 57,62
PSGO.8-30S	PSGO.8-30SL	30	24.0	25.6	8	18	0.097 - 0.046	1.55	1.20	0.042	51,02	€ 58,60
PSGO.8-32S	PSGO.8-32SL	32	25.6	27.2	8	18	0.108 - 0.052	1.65	1.28	0.046	52,36	€ 60,10
PSGO.8-35S	PSGO.8-35SL	35	28.0	29.6	10	20	0.108 - 0.052	1.80	1.40	0.053	54,09	€ 62,13
PSGO.8-38S	PSGO.8-38SL	38	30.4	32.0	10	20	0.109 - 0.050	1.96	1.52	0.060	56,32	€ 64,67
PSGO.8-40S	PSGO.8-40SL	40	32.0	33.6	10	20	0.109 - 0.050	2.63	2.05	0.065	58,37	€ 67,03
PSGO.8-42S	PSGO.8-42SL	42	33.6	35.2	10	20	0.109 - 0.050	2.76	2.15	0.070	58,81	€ 67,54
PSGO.8-45S	PSGO.8-45SL	45	36.0	37.6	10	20	0.109 - 0.050	2.96	2.30	0.078	59,66	€ 68,53
PSGO.8-48S	PSGO.8-48SL	48	38.4	40.0	10	30	0.109 - 0.050	3.16	2.46	0.119	60,17	€ 69,08
PSGO.8-50S	PSGO.8-50SL	50	40.0	41.6	10	30	0.109 - 0.050	3.90	3.03	0.125	66,41	€ 76,26
PSGO.8-52S	PSGO.8-52SL	52	41.6	43.2	10	30	0.109 - 0.050	4.06	3.16	0.132	68,36	€ 78,51
PSGO.8-55S	PSGO.8-55SL	55	44.0	45.6	10	30	0.109 - 0.050	4.29	3.34	0.142	71,25	€ 81,80
PSGO.8-58S	PSGO.8-58SL	58	46.4	48.0	10	30	0.109 - 0.050	4.53	3.52	0.153	73,38	€ 84,26

Dimensions in mm

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## DISCOUNTS

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

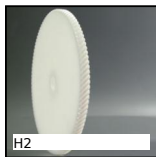
Part number		Z	OP	OD	OA	OM	Backlash	Torque (Nm)		Weight	Price each 1 to 5	
S/steel303	S/steel 316	Teeth	Pitch	External	Bore	Boss	(mm)	S/steel 303	S/steel316 (kg)	S/steel303	S/steel 316	
PSG0.8-60S	PSG0.8-60SL	60	48,0	49,6	10	40	0,109 - 0,050	5,57	4,33	0,204	75,09 €	86,23 €
PSG0.8-62S	PSG0.8-62SL	62	49,6	51,2	10	40	0,109 - 0,050	5,76	4,48	0,212	77,56 €	89,06 €
PSG0.8-65S	PSG0.8-65SL	65	52,0	53,6	10	40	0,122 - 0,055	6,04	4,69	0,224	83,11 €	95,44 €
PSG0.8-68S	PSG0.8-68SL	68	54,4	56,0	10	40	0,122 - 0,055	6,31	4,91	0,237	87,39 €	100,34 €
PSG0.8-70S	PSG0.8-70SL	70	56,0	57,6	10	40	0,122 - 0,055	6,50	5,06	0,246	89,21 €	102,42 €
PSG0.8-72S	PSG0.8-72SL	72	57,6	59,2	10	40	0,122 - 0,055	6,69	5,20	0,255	91,13 €	104,62 €
PSG0.8-75S	PSG0.8-75SL	75	60,0	61,6	10	50	0,122 - 0,055	6,96	5,42	0,326	97,25 €	111,64 €
PSG0.8-78S	PSG0.8-78SL	78	62,4	64,0	10	50	0,122 - 0,055	7,24	5,63	0,340	98,69 €	113,31 €
PSG0.8-80S	PSG0.8-80SL	80	64,0	65,6	10	50	0,122 - 0,055	9,51	7,40	0,351	100,68 €	115,60 €
PSG0.8-82S	PSG0.8-82SL	82	65,6	67,2	10	50	0,122 - 0,055	9,75	7,58	0,361	102,13 €	117,25 €
PSG0.8-85S	PSG0.8-85SL	85	68,0	69,6	10	50	0,122 - 0,055	10,10	7,86	0,377	104,32 €	119,79 €
PSG0.8-90S	PSG0.8-90SL	90	72,0	73,6	10	65	0,122 - 0,055	10,70	8,32	0,513	107,67 €	123,64 €
PSG0.8-95S	PSG0.8-95SL	95	76,0	77,6	10	65	0,122 - 0,055	11,29	8,78	0,543	119,21 €	136,87 €
PSG0.8-100S	PSG0.8-100SL	100	80,0	81,6	14	65	0,122 - 0,055	14,33	11,15	0,564	120,81 €	138,72 €
PSG0.8-110S	PSG0.8-110SL	110	88,0	89,6	14	70	0,123 - 0,053	15,05	11,70	0,673	151,21 €	173,64 €
PSG0.8-120S	PSG0.8-120SL	120	96,0	97,6	14	70	0,123 - 0,053	15,77	12,26	0,747	171,03 €	196,39 €

Dimensions in mm

## Our other products



DOMI50  
Accessories, Clamping lever



H2  
Crossed helical gear  
crossed axis at 90°,  
Machined plastic  
(delrin)



BH01  
Single housed  
bearing, Bearing fitted  
with adhesive



DKGS  
Backlash free  
coupling Gerwah®,  
from 0.5 to 3Nm



DOMI50  
Accessories, Fixing kit



CLASS  
Stainless steel  
indexing handle -  
female, Stainless steel



IN2  
Internal gear, Steel  
20NCD2



SUA4\_L  
Chain link, Steel



TBD  
Manual leadscrew  
table with opposing  
threads, 5kg



VDS  
Sliding lock  
adjustment system,  
Sliding lock for oblong  
hole



NCT  
Square tube  
connector, Fixed  
angle



LWL  
Linear ball slide -  
Stainless steel balls,  
Rail - from 514 N to  
1670...

## Complementary products



PSG08S  
Spur gear - precision  
range, Stainless steel  
316



PSG08  
Spur gear - precision  
range, Pre-hardened  
Steel 35NCD6