

Module 2.5

Spur gear

Pre-treated or case hardened steel



Quality grade 7e25

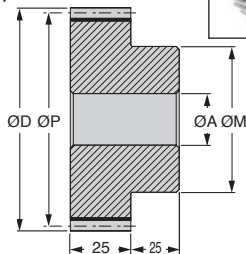


- Quality grade 7e25 DIN 3961 (AGMA Q10)

- 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.

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	Standard	hardened	Standard	hardened		
PSG2.5-18	PSG2.5-18H	18	45.0	50.0	14	35	0.129 - 0.051	22.94	84.12	0.437	82.97 €	136.98 €
PSG2.5-19	PSG2.5-19H	19	47.5	52.5	14	35	0.129 - 0.051	24.22	88.80	0.472	85.24 €	140.63 €
PSG2.5-20	PSG2.5-20H	20	50.0	55.0	14	35	0.129 - 0.051	32.23	118.19	0.509	88.33 €	145.77 €
PSG2.5-21	PSG2.5-21H	21	52.5	57.5	14	35	0.171 - 0.069	33.85	124.10	0.548	90.49 €	149.29 €
PSG2.5-22	PSG2.5-22H	22	55.0	60.0	14	35	0.171 - 0.069	35.46	130.01	0.589	93.73 €	154.70 €
PSG2.5-23	PSG2.5-23H	23	57.5	62.5	16	45	0.171 - 0.069	37.07	135.92	0.737	96.09 €	158.57 €
PSG2.5-24	PSG2.5-24H	24	60.0	65.0	16	45	0.171 - 0.069	38.68	141.83	0.781	98.93 €	163.20 €
PSG2.5-25	PSG2.5-25H	25	62.5	67.5	16	45	0.171 - 0.069	40.29	147.74	0.828	104.27 €	172.08 €
PSG2.5-26	PSG2.5-26H	26	65.0	70.0	16	45	0.171 - 0.069	49.30	180.01	0.877	109.55 €	180.80 €
PSG2.5-27	PSG2.5-27H	27	67.5	72.5	16	45	0.171 - 0.069	51.20	186.94	0.927	111.89 €	184.62 €
PSG2.5-28	PSG2.5-28H	28	70.0	75.0	16	45	0.171 - 0.069	53.09	193.86	0.980	114.81 €	189.37 €
PSG2.5-29	PSG2.5-29H	29	72.5	77.5	18	55	0.171 - 0.069	54.99	200.78	1.168	118.54 €	195.64 €
PSG2.5-30	PSG2.5-30H	30	75.0	80.0	18	55	0.171 - 0.069	62.57	206.38	1.224	122.59 €	202.31 €
PSG2.5-32	PSG2.5-32H	32	80.0	85.0	18	55	0.171 - 0.069	66.74	220.14	1.342	130.01 €	214.56 €
PSG2.5-35	PSG2.5-35H	35	87.5	92.5	18	55	0.173 - 0.067	73.00	240.78	1.535	137.72 €	227.29 €
PSG2.5-38	PSG2.5-38H	38	95.0	100.0	20	70	0.173 - 0.067	79.26	261.42	2.010	151.41 €	249.82 €
PSG2.5-40	PSG2.5-40H	40	100.0	105.0	20	70	0.173 - 0.067	106.60	306.09	2.159	157.39 €	259.69 €
PSG2.5-42	PSG2.5-42H	42	105.0	110.0	20	70	0.173 - 0.067	111.93	321.40	2.316	163.62 €	270.03 €
PSG2.5-45	PSG2.5-45H	45	112.5	117.5	20	70	0.173 - 0.067	119.93	344.36	2.566	169.41 €	279.58 €
PSG2.5-48	PSG2.5-48H	48	120.0	125.0	20	70	0.173 - 0.067	127.92	367.31	2.833	181.49 €	299.50 €
PSG2.5-50	PSG2.5-50H	50	125.0	130.0	20	70	0.175 - 0.065	158.01	415.19	3.021	191.55 €	316.08 €

Dimensions in mm

Our other products



PSG2
Spur gear - precision range, Case hardened steel 20NCD2



PCS37
Chain sprocket - steel, 9.525mm (DIN06B-1)



GSA_A
Adjustable gas spring, Steel



BAGSS
Stainless steel Clamping collar, Stainless steel



INS_BR
Self tapping brass insert, Brass



BPHFclip
Clip for ball transfer unit, Insert clip - Installing from above



NPTF20
Fixed tube carrier, Fixed Ø10 to Ø14



SBF
Sealed flange bearing unit for Food Industry, cover



INS
Self tapping steel insert, Steel



PRF_BP
Doorstop for aluminium profile,



MPS
Hexagonal spacer, Stainless steel 303



M0
Worm and wheel set, Non hardened steel

Complementary products



PSG25
Spur gear - precision range, Case hardened steel 20NCD2



PSG25S
Spur gear - precision range, Stainless steel 303