

Module 2.5

Spur gear

Pre-treated or case hardened steel



Quality grade 7e25



- **Quality grade 7e25 DIN 3961 (AGMA Q10)**

- Material :

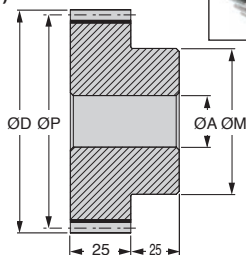
Pre-treated steel 35NCD6, 28HRC

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 €

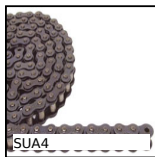
Dimensions in mm

Our other products



HLC24

Right angle spiro bevel gearbox, Up to 78Nm



SUA4

Single chain supplied by the metre, Steel



PTA40ssEB

Articulated foot whit sheet metal base Ø40, Ø 40



SCH

Horizontal hook toggle clamp, Horizontal Hook clamp - steel



TB_ECO

Eco. range steel bevel gear, 3:1



PRS50

Stainless steel articulated foot Ø50, Ø 50



VTHbr

Hexagonal headed screw VTH - DIN933, Brass



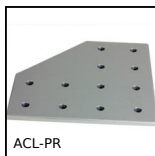
SHW

Plain washer, Steel



HTD5M_25

HTD Heavy duty timing pulley, HTD5 Steel



ACL-PR

Joining plate for aluminium profile, Right angled



M2

Worm and wheel set, Machined plastic (delrin)



ZG0

Plastic spur gear, Machined plastic (delrin)

Complementary products



PSG25

Spur gear - precision range, Case hardened steel 20NCD2



PSG25S

Spur gear - precision range, Stainless steel 303