

Module 1.25 Skive hobbed spur gears

Case hardened steel



- **Quality grade 6e25 DIN 3961 (AGMA Q11)**
- Material : 20NCD2 case hardened steel 58HRC
- Teeth conform to DIN 867
- Tooth thickness conforms to DIN 3967
- Efficiency approx 98%

Principle

- After the gears have been cut, they are hardened and then re-cut(skived) to remove any inaccuracies caused by the heat treatment.

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.
- Grade and tolerances measured before heat treatment.

Quality grade 6e25

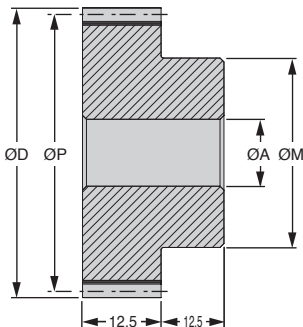
DISCOUNTS

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

Part number	Z Teeth	ØP Pitch	ØD External	ØA Bore	ØM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
PSG1.25-18HCK	18	22,50	25,00	6	15	2	0,097 - 0,046	12,08	0,050	120,14 €
PSG1.25-19HCK	19	23,75	26,25	6	15	2	0,097 - 0,046	12,75	0,055	122,62 €
PSG1.25-20HCK	20	25,00	27,50	6	15	2	0,108 - 0,052	16,97	0,059	124,41 €
PSG1.25-21HCK	21	26,25	28,75	8	20	2	0,108 - 0,052	17,82	0,073	128,32 €
PSG1.25-22HCK	22	27,50	30,00	8	20	2	0,108 - 0,052	18,67	0,079	130,19 €
PSG1.25-23HCK	23	28,75	31,25	8	20	2	0,108 - 0,052	19,52	0,084	130,78 €
PSG1.25-24HCK	24	30,00	32,50	8	22	2	0,108 - 0,052	20,36	0,096	131,50 €
PSG1.25-25HCK	25	31,25	33,75	8	22	2	0,109 - 0,050	21,21	0,102	136,98 €
PSG1.25-26HCK	26	32,50	35,00	8	22	2	0,109 - 0,050	22,50	0,108	141,87 €
PSG1.25-27HCK	27	33,75	36,25	8	22	2	0,109 - 0,050	23,37	0,114	144,79 €
PSG1.25-28HCK	28	35,00	37,50	8	25	2	0,109 - 0,050	24,23	0,132	148,05 €
PSG1.25-29HCK	29	36,25	38,75	8	25	2	0,109 - 0,050	25,10	0,138	151,90 €
PSG1.25-30HCK	30	37,50	40,00	8	25	2	0,109 - 0,050	25,80	0,145	154,47 €
PSG1.25-32HCK	32	40,00	42,50	8	25	2	0,109 - 0,050	27,52	0,160	158,44 €
PSG1.25-35HCK	35	43,75	46,25	10	30	3	0,109 - 0,050	30,10	0,200	163,83 €
PSG1.25-38HCK	38	47,50	50,00	10	30	3	0,109 - 0,050	32,68	0,226	170,48 €
PSG1.25-40HCK	40	50,00	52,50	10	30	3	0,120 - 0,057	38,26	0,245	176,77 €
PSG1.25-42HCK	42	52,50	55,00	10	30	3	0,122 - 0,055	40,17	0,264	178,05 €
PSG1.25-45HCK	45	56,25	58,75	10	30	3	0,122 - 0,055	43,04	0,296	180,64 €
PSG1.25-48HCK	48	60,00	62,50	10	40	3	0,122 - 0,055	45,91	0,383	182,19 €

Dimensions in mm

Module 1.25



DISCOUNTS

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

Part number	Z Teeth	ØP Pitch	ØD External	ØA Bore	ØM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
PSG1.25-50HCK	50	62,50	65,00	10	40	3	0,122 - 0,055	51,90	0,407	201,06 €
PSG1.25-52HCK	52	65,00	67,50	10	40	3	0,122 - 0,055	53,98	0,431	207,02 €
PSG1.25-55HCK	55	68,75	71,25	10	40	3	0,122 - 0,055	57,09	0,469	215,68 €
PSG1.25-58HCK	58	72,50	75,00	10	40	3	0,122 - 0,055	60,20	0,510	222,20 €
PSG1.25-60HCK	60	75,00	77,50	10	50	3	0,122 - 0,055	64,85	0,608	227,31 €
PSG1.25-62HCK	62	77,50	80,00	10	50	3	0,122 - 0,055	67,01	0,637	234,80 €
PSG1.25-65HCK	65	81,25	83,75	10	50	3	0,123 - 0,053	70,25	0,683	251,60 €
PSG1.25-68HCK	68	85,00	87,50	10	50	3	0,123 - 0,053	73,49	0,731	264,57 €
PSG1.25-70HCK	70	87,50	90,00	10	50	3	0,123 - 0,053	75,65	0,764	270,05 €
PSG1.25-72HCK	72	90,00	92,50	10	50	3	0,123 - 0,053	77,82	0,798	275,88 €
PSG1.25-75HCK	75	93,75	96,25	10	60	3	0,123 - 0,053	81,06	0,935	294,31 €
PSG1.25-78HCK	78	97,50	100,00	10	60	3	0,123 - 0,053	84,30	0,991	298,75 €
PSG1.25-80HCK	80	100,00	102,50	10	60	3	0,138 - 0,064	90,66	1,029	304,78 €
PSG1.25-82HCK	82	102,50	105,00	10	60	3	0,138 - 0,064	92,92	1,067	309,13 €
PSG1.25-85HCK	85	106,25	108,75	10	60	3	0,138 - 0,064	96,32	1,128	315,81 €
PSG1.25-90HCK	90	112,50	115,00	10	65	3	0,138 - 0,064	101,99	1,281	325,95 €
PSG1.25-95HCK	95	118,75	121,25	10	65	3	0,138 - 0,064	107,66	1,392	360,86 €
PSG1.25-100HCK	100	125,00	127,50	14	65	5	0,140 - 0,062	115,95	1,494	365,63 €
PSG1.25-110HCK	110	137,50	140,00	14	70	5	0,140 - 0,062	121,74	1,798	457,68 €
PSG1.25-120HCK	120	150,00	152,50	14	70	5	0,140 - 0,062	127,54	2,075	517,59 €

Dimensions in mm

Our other products



BLHM70

Right angled gearbox,
up to 128 Nm



DBL805

Idler for slat top
chain, Range 805



PW_PWG3

Worm - precision
range, Stainless steel



DOMI80

Accessories, Plate



SRG

Adjustable latch
clamp with strike
plate, Stroke from
117,4mm to 128mm



BSM

Spring plunger with
internal hexagonal
socket, steel body,
plastic pin



TBD

Manual leadscrew
table with opposing
threads, 2kg



BOX-TOR-C

Box set of Nitrile O-
rings in nitrile, 3.00 x
1.50mm to 30.20 x
3.00



PDD

Actuating plunger,
Non-rotating detector



E60

Right angle helical
reducers, from 4.50 to
12.50



CHA_GC_95S

Stainless steel garnet
hinge, To be welded



DOMI30

Connecting kits, XZ
linking kit

Complementary products