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.*

Quality grade 6e25

Options

- *Alternative bores (H7)*
- *Keyway conforming to DIN 6885 (JS9)*
- *Tapped hole*
- *Hole for dowel pin*

Info.

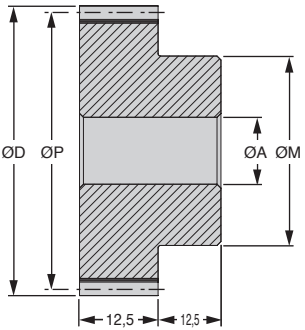
- *Torque figures are for 100 rpm and are given as a guide only.*
- *Grade and tolerances measured before heat treatment.*

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



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


PSG25

Spur gear - precision range, Case hardened steel 20NCD2


PGMT

Pull handle, Steel


PPOss

Pad eye on mounting plate oval, Stainless steel


PSPD40

Flexible tube handle, Black PVC

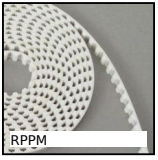

WSSss

Symmetrical S shaped hook stainless steel, Stainless steel



KB_UU

Closed linear precision bearing, Precision - steel


RPPM

RPP type belt per metre, RPP8 Steel cored polyurethane


RMSA

Adjustable shock-absorber, Adjustable


CHAR7530

Spring hinge, welded


HK

Manual locking clamp, Manual locking clamp


SSB

Stainless steel bevel gear, 1:1


WS20

Drylin® W rail, Rail

Complementary products