

# Module 1.0 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 (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.

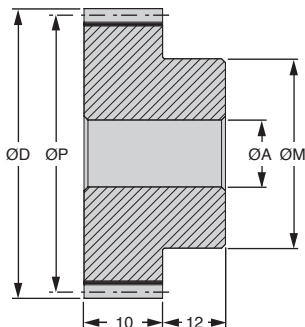
### DISCOUNTS

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

Part number	Z Teeth	ØP Pitch	ØD External	ØA Bore	ØM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
PSG1.0-18HC	18	18	20	5	15	-	0,030 - 0,066	6,47	0,033	96,57 €
PSG1.0-19HC	19	19	21	5	15	-	0,029 - 0,067	6,83	0,035	98,02 €
PSG1.0-20HC	20	20	22	5	15	-	0,029 - 0,067	8,85	0,038	101,22 €
PSG1.0-21HC	21	21	23	5	15	-	0,029 - 0,067	9,29	0,040	101,86 €
PSG1.0-22HC	22	22	24	5	15	-	0,029 - 0,067	9,73	0,043	103,33 €
PSG1.0-23HC	23	23	25	5	15	-	0,029 - 0,067	10,18	0,045	103,73 €
PSG1.0-24HCK	24	24	26	6	20	2	0,029 - 0,067	10,62	0,060	104,37 €
PSG1.0-25HCK	25	25	27	6	20	2	0,029 - 0,067	11,06	0,063	108,73 €
PSG1.0-26HCK	26	26	28	6	20	2	0,035 - 0,078	11,52	0,066	112,59 €
PSG1.0-27HCK	27	27	29	6	20	2	0,035 - 0,078	11,96	0,069	114,93 €
PSG1.0-28HCK	28	28	30	6	20	2	0,035 - 0,078	12,41	0,073	117,49 €
PSG1.0-29HCK	29	29	31	8	25	2	0,035 - 0,078	12,85	0,089	120,58 €
PSG1.0-30HCK	30	30	32	8	25	2	0,035 - 0,078	13,21	0,092	122,59 €
PSG1.0-32HCK	32	32	34	8	25	2	0,033 - 0,079	14,09	0,100	125,72 €
PSG1.0-35HCK	35	35	37	8	25	3	0,033 - 0,079	15,41	0,112	130,03 €
PSG1.0-38HCK	38	38	40	10	34	3	0,033 - 0,079	16,73	0,160	135,33 €
PSG1.0-40HCK	40	40	42	10	34	3	0,033 - 0,079	19,59	0,170	140,32 €
PSG1.0-42HCK	42	42	44	10	34	3	0,033 - 0,079	20,57	0,180	141,37 €
PSG1.0-45HCK	45	45	47	10	34	3	0,033 - 0,079	22,04	0,196	143,34 €
PSG1.0-48HCK	48	48	50	10	34	3	0,033 - 0,079	23,51	0,213	144,53 €

Dimensions in mm

# Module 1.0



## 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
PSG1.0-50HCK	50	50	52	10	34	3	0,033 - 0,079	26,57	0,225	159,54 €
PSG1.0-52HCK	52	52	54	10	40	3	0,038 - 0,092	27,64	0,270	164,27 €
PSG1.0-55HCK	55	55	57	10	40	3	0,038 - 0,092	29,23	0,290	171,12 €
PSG1.0-58HCK	58	58	60	10	40	3	0,038 - 0,092	30,82	0,311	176,31 €
PSG1.0-60HCK	60	60	62	10	40	3	0,038 - 0,092	33,20	0,325	180,45 €
PSG1.0-62HCK	62	62	64	10	40	3	0,038 - 0,092	34,31	0,340	186,34 €
PSG1.0-65HCK	65	65	67	10	50	3	0,038 - 0,092	35,97	0,430	199,64 €
PSG1.0-68HCK	68	68	70	10	50	3	0,038 - 0,092	37,63	0,455	209,97 €
PSG1.0-70HCK	70	70	72	10	50	3	0,038 - 0,092	38,73	0,472	214,31 €
PSG1.0-72HCK	72	72	74	10	50	3	0,038 - 0,092	39,84	0,489	218,96 €
PSG1.0-75HCK	75	75	77	10	50	3	0,038 - 0,092	41,50	0,516	233,57 €
PSG1.0-78HCK	78	78	80	10	60	3	0,038 - 0,092	43,16	0,626	237,14 €
PSG1.0-80HCK	80	80	82	10	60	3	0,038 - 0,092	46,42	0,645	241,87 €
PSG1.0-82HCK	82	82	84	10	60	3	0,036 - 0,094	47,58	0,665	245,34 €
PSG1.0-85HCK	85	85	87	10	60	3	0,036 - 0,094	49,32	0,696	250,62 €
PSG1.0-90HCK	90	90	92	10	60	3	0,036 - 0,094	52,22	0,750	258,68 €
PSG1.0-95HCK	95	95	97	10	60	3	0,036 - 0,094	55,12	0,807	286,35 €
PSG1.0-100HCK	100	100	102	14	70	5	0,036 - 0,094	59,36	0,950	290,16 €
PSG1.0-110HCK	110	110	112	14	70	5	0,040 - 0,102	65,30	1,079	363,23 €
PSG1.0-120HCK	120	120	122	14	70	5	0,040 - 0,102	71,24	1,220	410,72 €

Dimensions in mm

## Our other products



Connecting kits, XZ linking kit



Economic mini-table with trapezoidal leadscrew, 5kg



Square hinge with riveted pin, not drilled, Square with riveted pin,...



Moulded plastic spur gear, Moulded plastic (nylon)



Worm and wheel gear reducer, up to 196 Nm



Miniature motorised actuator 1A, 1 ampere



Drylin® W slide, slide assembly



Worm and wheel gear reducer, up to 22 Nm



Manual workbench press accessory for PRES-3HR end



Articulated foot Ø103, Ø 103



Strike for toggle latch, 15mm



Bearing locknut, Self locking locknut - nylon lock washer

## Complementary products