

# Module 0.8 **Skive hobbed spur gears**

## Case hardened steel



- **Quality grade 6e DIN 58405 (AGMA Q11)**
- Material : 20NCD2 case hardened steel 58HRC
- Teeth conform to DIN 867
- Tooth thickness conforms to DIN 58405
- 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 6e**

### 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

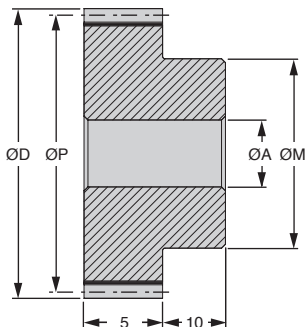
### DISCOUNTS

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
PSG0.8-18HC	18	14,4	16,0	5	11	-	0,030 - 0,066	3,46	0,015	91,08 €
PSG0.8-19HC	19	15,2	16,8	5	11	-	0,030 - 0,066	3,65	0,016	92,42 €
PSG0.8-20HC	20	16,0	17,6	5	11	-	0,030 - 0,066	4,53	0,017	93,78 €
PSG0.8-21HC	21	16,8	18,4	5	12	-	0,030 - 0,066	4,76	0,020	96,76 €
PSG0.8-22HC	22	17,6	19,2	5	12	-	0,030 - 0,066	4,98	0,021	98,13 €
PSG0.8-23HC	23	18,4	20,0	5	12	-	0,029 - 0,067	5,21	0,023	98,61 €
PSG0.8-24HCK	24	19,2	20,8	6	14	2	0,029 - 0,067	5,44	0,026	99,13 €
PSG0.8-25HCK	25	20,0	21,6	6	14	2	0,029 - 0,067	5,66	0,028	103,29 €
PSG0.8-26HCK	26	20,8	22,4	6	14	2	0,029 - 0,067	5,90	0,029	106,95 €
PSG0.8-27HCK	27	21,6	23,2	6	14	2	0,029 - 0,067	6,13	0,031	109,19 €
PSG0.8-28HCK	28	22,4	24,0	8	18	2	0,029 - 0,067	6,35	0,037	111,60 €
PSG0.8-29HCK	29	23,2	24,8	8	18	2	0,029 - 0,067	6,58	0,039	114,51 €
PSG0.8-30HCK	30	24,0	25,6	8	18	2	0,029 - 0,067	6,76	0,041	116,44 €
PSG0.8-32HCK	32	25,6	27,2	8	18	2	0,035 - 0,078	7,21	0,045	119,45 €
PSG0.8-35HCK	35	28,0	29,6	10	20	3	0,035 - 0,078	7,89	0,052	123,51 €
PSG0.8-38HCK	38	30,4	32,0	10	20	3	0,033 - 0,079	8,57	0,059	128,54 €
PSG0.8-40HCK	40	32,0	33,6	10	20	3	0,033 - 0,079	10,03	0,064	133,26 €
PSG0.8-42HCK	42	33,6	35,2	10	20	3	0,033 - 0,079	10,53	0,069	134,22 €
PSG0.8-45HCK	45	36,0	37,6	10	20	3	0,033 - 0,079	11,28	0,077	136,16 €
PSG0.8-48HCK	48	38,4	40,0	10	30	3	0,033 - 0,079	12,04	0,117	137,32 €

Dimensions in mm

# Module 0.8



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Qty	1+	6+	19+	50+
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Part number	Z Teeth	ØP Pitch	ØD External	ØA Bore	ØM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
PSG0.8-50HCK	50	40,0	41,6	10	30	3	0,033 - 0,079	13,61	0,123	151,60 €
PSG0.8-52HCK	52	41,6	43,2	10	30	3	0,033 - 0,079	14,15	0,129	156,09 €
PSG0.8-55HCK	55	44,0	45,6	10	30	3	0,033 - 0,079	14,97	0,139	162,57 €
PSG0.8-58HCK	58	46,4	48,0	10	30	3	0,033 - 0,079	15,78	0,150	167,50 €
PSG0.8-60HCK	60	48,0	49,6	10	40	3	0,033 - 0,079	17,00	0,200	171,38 €
PSG0.8-62HCK	62	49,6	51,2	10	40	3	0,033 - 0,079	17,57	0,208	177,00 €
PSG0.8-65HCK	65	52,0	53,6	10	40	3	0,038 - 0,092	18,42	0,220	189,68 €
PSG0.8-68HCK	68	54,4	56,0	10	40	3	0,038 - 0,092	19,27	0,233	199,44 €
PSG0.8-70HCK	70	56,0	57,6	10	40	3	0,038 - 0,092	19,83	0,241	203,58 €
PSG0.8-72HCK	72	57,6	59,2	10	40	3	0,038 - 0,092	20,40	0,250	208,00 €
PSG0.8-75HCK	75	60,0	61,6	10	50	3	0,038 - 0,092	21,25	0,320	221,88 €
PSG0.8-78HCK	78	62,4	64,0	10	50	3	0,038 - 0,092	22,10	0,334	225,23 €
PSG0.8-80HCK	80	64,0	65,6	10	50	3	0,038 - 0,092	23,77	0,344	229,79 €
PSG0.8-82HCK	82	65,6	67,2	10	50	3	0,038 - 0,092	24,36	0,354	233,08 €
PSG0.8-85HCK	85	68,0	69,6	10	50	3	0,038 - 0,092	25,25	0,370	238,09 €
PSG0.8-90HCK	90	72,0	73,6	10	65	3	0,038 - 0,092	26,74	0,504	245,77 €
PSG0.8-95HCK	95	76,0	77,6	10	65	3	0,038 - 0,092	28,22	0,533	272,07 €
PSG0.8-100HCK	100	80,0	81,6	14	65	5	0,038 - 0,092	30,39	0,553	275,67 €
PSG0.8-110HCK	110	88,0	89,6	14	70	5	0,036 - 0,094	31,91	0,661	345,08 €
PSG0.8-120HCK	120	96,0	97,6	14	70	5	0,036 - 0,094	33,43	0,733	390,24 €

Dimensions in mm

## Our other products



Swivel castor with central hole, Steel - grey rubber - with double b...



AT type timing pulley, Economy range - AT10 aluminium



Trapezoidal bronze nut, Bronze - 1 thread



T type timing pulley, Economy range - T5 aluminium



Eco range Spur gear, Steel C45



Hose clamp, Box set of stainless steel hose clamps



Manual workbench press, Force up to 200kg



Articulated levelling foot, pressed base Ø80, 10000N



Connecting kits, XZ linking kit



Stainless steel protective cover, Open protective cover



Box set of Nitrile O-rings in nitrile, 20.38 x 1.78mm to 50.16 x



Female eye bolt conforms to DIN582, Steel

**Complementary products**