

# Module 0.5 **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

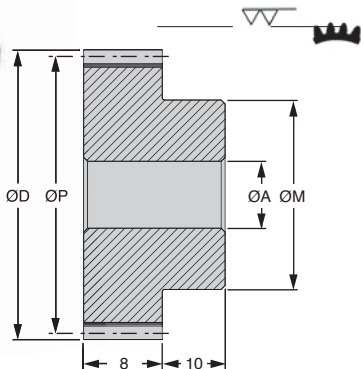
Qty	1+	6+	19+	50+
Disc.	List	-5%	-10%	On request

Part number	Z Teeth	ØP Pitch	ØD External	ØA Bore	ØM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
PSG0.5-20HC	20	10,0	11,0	4	8	-	0,029 - 0,061	1,11	0,006	93,09 €
PSG0.5-21HC	21	10,5	11,5	4	8	-	0,028 - 0,062	1,16	0,006	94,05 €
PSG0.5-22HC	22	11,0	12,0	4	8	-	0,028 - 0,062	1,22	0,006	95,27 €
PSG0.5-23HC	23	11,5	12,5	4	8	-	0,028 - 0,062	1,27	0,006	96,39 €
PSG0.5-24HC	24	12,0	13,0	5	10	-	0,028 - 0,062	1,33	0,008	97,51 €
PSG0.5-25HC	25	12,5	13,5	5	10	-	0,030 - 0,066	1,38	0,009	98,55 €
PSG0.5-26HC	26	13,0	14,0	5	10	-	0,030 - 0,066	1,44	0,009	100,02 €
PSG0.5-27HC	27	13,5	14,5	5	10	-	0,030 - 0,066	1,50	0,009	100,99 €
PSG0.5-28HC	28	14,0	15,0	5	10	-	0,030 - 0,066	1,55	0,010	102,08 €
PSG0.5-29HCK	29	14,5	15,5	6	13	2	0,030 - 0,066	1,61	0,013	102,67 €
PSG0.5-30HCK	30	15,0	16,0	6	13	2	0,030 - 0,066	1,65	0,014	103,08 €
PSG0.5-32HCK	32	16,0	17,0	6	13	2	0,030 - 0,066	1,76	0,015	105,54 €
PSG0.5-35HCK	35	17,5	18,5	6	13	2	0,030 - 0,066	1,93	0,016	109,13 €
PSG0.5-38HCK	38	19,0	20,0	6	17	2	0,029 - 0,067	2,09	0,026	112,46 €
PSG0.5-40HCK	40	20,0	21,0	6	17	2	0,029 - 0,067	2,45	0,027	114,93 €
PSG0.5-42HCK	42	21,0	22,0	6	17	2	0,029 - 0,067	2,57	0,028	116,94 €
PSG0.5-45HCK	45	22,5	23,5	6	17	2	0,029 - 0,067	2,75	0,030	120,58 €
PSG0.5-48HCK	48	24,0	25,0	6	17	2	0,029 - 0,067	2,94	0,032	125,31 €
PSG0.5-50HCK	50	25,0	26,0	6	17	2	0,029 - 0,067	3,32	0,034	126,62 €
PSG0.5-52HCK	52	26,0	27,0	6	17	2	0,035 - 0,078	3,45	0,035	128,48 €

Dimensions in mm



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## DISCOUNTS

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

Part number	Z Teeth	OP Pitch	OD External	OA Bore	OM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
PSG0.5-55HCK	55	27,5	28,5	6	17	2	0,035 - 0,078	3,65	0,038	131,14 €
PSG0.5-58HCK	58	29,0	30,0	6	17	2	0,035 - 0,078	3,85	0,040	133,84 €
PSG0.5-60HCK	60	30,0	31,0	6	17	2	0,035 - 0,078	4,15	0,042	135,24 €
PSG0.5-62HCK	62	31,0	32,0	8	20	2	0,033 - 0,079	4,29	0,048	136,96 €
PSG0.5-65HCK	65	32,5	33,5	8	20	2	0,033 - 0,079	4,50	0,051	139,94 €
PSG0.5-68HCK	68	34,0	35,0	8	20	2	0,033 - 0,079	4,70	0,054	140,82 €
PSG0.5-70HCK	70	35,0	36,0	8	20	2	0,033 - 0,079	4,84	0,056	142,37 €
PSG0.5-72HCK	72	36,0	37,0	8	20	2	0,033 - 0,079	4,98	0,058	143,66 €
PSG0.5-75HCK	75	37,5	38,5	8	20	2	0,033 - 0,079	5,19	0,062	144,85 €
PSG0.5-78HCK	78	39,0	40,0	8	20	2	0,033 - 0,079	5,40	0,065	146,94 €
PSG0.5-80HCK	80	40,0	41,0	8	25	2	0,033 - 0,079	5,80	0,082	147,31 €
PSG0.5-82HCK	82	41,0	42,0	8	25	2	0,033 - 0,079	5,95	0,084	149,65 €
PSG0.5-85HCK	85	42,5	43,5	8	25	2	0,033 - 0,079	6,16	0,088	151,16 €
PSG0.5-90HCK	90	45,0	46,0	8	25	2	0,033 - 0,079	6,53	0,095	153,67 €
PSG0.5-100HCK	100	50,0	51,0	10	30	3	0,033 - 0,079	7,42	0,123	155,90 €
PSG0.5-120HCK	120	60,0	61,0	10	35	3	0,038 - 0,092	8,90	0,177	188,90 €
PSG0.5-130HCK	130	65,0	66,0	10	35	3	0,038 - 0,092	9,65	0,196	216,73 €
PSG0.5-140HCK	140	70,0	71,0	10	35	3	0,038 - 0,092	10,39	0,217	225,75 €
PSG0.5-150HCK	150	75,0	76,0	10	40	3	0,038 - 0,092	11,37	0,262	245,79 €
PSG0.5-200HCK	200	100,0	101,0	14	50	5	0,036 - 0,094	15,32	0,444	302,98 €
PSG0.5-250HCK	250	125,0	126,0	16	60	5	0,039 - 0,104	19,15	0,679	363,38 €

Dimensions in mm

## Our other products



DCA

Suction cup, 1.5 bellows, silicon



PCLA\_T

Technopolymer clamping lever - male, Plastic



FGWA

End support, With base



M2

Worm, Unhardened steel



RFK58C

Hypoid gearbox - Stainless steel, up to 500 Nm



SLH

Horizontal toggle clamp, Horizontal Lever Clamp - steel



PDM\_PDV

Detectable plastic palm grip, blue thermoplastic



AC144

Strike for toggle latch, 22mm



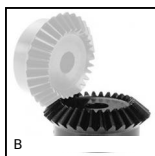
EV

Stainless steel cable terminal, Eye version



UCF

Cast iron flange bearing unit, Cast iron



B

Steel bevel gear, 1:1



RFK48B

Hypoid gearbox - Stainless steel, up to 350 Nm

Complementary products