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 (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

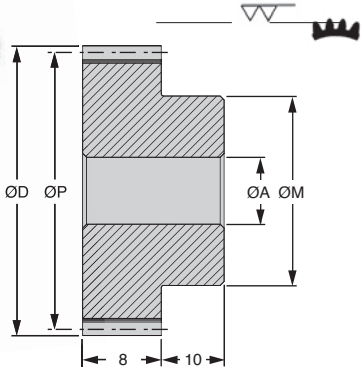
Qty	1+	6+	19+	50+
Disc.	List	-5%	-10%	On request

Part number	Z Teeth	ØP Pitch	ØD External	ØA Bore	ØM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
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



Module 0.5



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
PSG0.5-55HCK	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



Worm, Unhardened steel



Spur gear with clamp, Stainless steel 303



Rotating bent lever with spring, Increased fitting tolerances



Articulated levelling foot, pressed base Ø150, 40000N



Square tube connector, Fixed angle



Boxed set of spring pins ISO8752, Boxed set - Split ISO 8752



Standard aluminium profile, 32 x 32 mm



Indexing plunger with flange, With horizontal mounting flange



Spring loaded latch, Spring return latch - stainless steel



Locking bolt, with T handle



Cylindrical polymer bush, Universal polymer



Square tube connector, Fixed angle

Complementary products



Spur gear with clamp, Teeth in polyacetal



Spur gear with clamp, Stainless steel 303