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 (JS9)*
- *Tapped hole*
- *Hole for dowel pin*

Info.

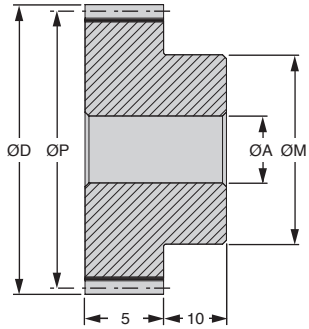
- *Torque figures are for 100 rpm and are given as a guide only.*
- *Grade and tolerances measured before heat treatment*

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
PSG0.8-18HC	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



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
PSG0.8-50HCK	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



Hexagonal steel nut, Steel - 1 thread



Worm, Hardened steel



Universal tension arm, For standard applications



Holding arm, Rigid



Toggle latches, Standard



Steel Clamping collar, Steel



Plain washer, Steel



Adjustement bushing for half-rail guide, Adjustment bushing



HEAVY DUTY spur gear, Steel 35NCD6



Spur gear - precision range, Stainless steel



Machined plastic bevel gear , 1:1



Worm - precision range, Steel

Complementary products