

Module 1.5



Spur gear

Pre-treated or case hardened steel



- **Quality grade 7e25 DIN 3961 (AGMA Q10)**

- Material :

Pre-treated steel 35NCD6, 28HRC

Case hardened steel 20NCD2 58HRC

- Teeth conform to DIN 867

- Tooth thickness conforms to DIN 3967

- Efficiency approx 98%

Options

- Alternative bores (H7)

- Keyway conforming to DIN6885 (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.

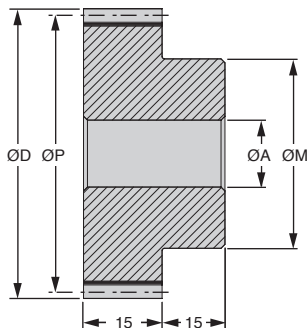
Quality grade 7e25

DISCOUNTS

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

| Part number | | Z | ØP | ØD | ØA | ØM | Backlash | Torque (Nm) | | Weight | Price each 1 to 5 | |
|-------------|------------|-------|-------|----------|------|------|---------------|-------------|----------|----------|-------------------|----------|
| Standard | hardened | Teeth | Pitch | External | Bore | Boss | (mm) | Standard | hardened | Standard | hardened | |
| PSG1.5-18 | PSG1.5-18H | 18 | 27,0 | 30,0 | 6 | 22 | 0,128 - 0,052 | 5,49 | 20,13 | 0,105 | 41,03 € | 67,72 € |
| PSG1.5-19 | PSG1.5-19H | 19 | 28,5 | 31,5 | 6 | 22 | 0,128 - 0,052 | 5,79 | 21,24 | 0,112 | 42,60 € | 70,29 € |
| PSG1.5-20 | PSG1.5-20H | 20 | 30,0 | 33,0 | 6 | 22 | 0,128 - 0,052 | 7,71 | 28,28 | 0,120 | 44,72 € | 73,84 € |
| PSG1.5-21 | PSG1.5-21H | 21 | 31,5 | 34,5 | 8 | 25 | 0,129 - 0,051 | 8,10 | 29,69 | 0,137 | 45,09 € | 74,44 € |
| PSG1.5-22 | PSG1.5-22H | 22 | 33,0 | 36,0 | 8 | 25 | 0,129 - 0,051 | 8,48 | 31,10 | 0,145 | 45,64 € | 75,30 € |
| PSG1.5-23 | PSG1.5-23H | 23 | 34,5 | 37,5 | 8 | 25 | 0,129 - 0,051 | 8,87 | 32,52 | 0,155 | 46,44 € | 76,68 € |
| PSG1.5-24 | PSG1.5-24H | 24 | 36,0 | 39,0 | 8 | 25 | 0,129 - 0,051 | 9,25 | 33,93 | 0,164 | 46,89 € | 77,40 € |
| PSG1.5-25 | PSG1.5-25H | 25 | 37,5 | 40,5 | 8 | 25 | 0,129 - 0,051 | 9,64 | 35,34 | 0,174 | 49,36 € | 81,43 € |
| PSG1.5-26 | PSG1.5-26H | 26 | 39,0 | 42,0 | 8 | 25 | 0,129 - 0,051 | 11,79 | 38,88 | 0,185 | 51,67 € | 85,29 € |
| PSG1.5-27 | PSG1.5-27H | 27 | 40,5 | 43,5 | 8 | 25 | 0,129 - 0,051 | 12,25 | 40,38 | 0,196 | 53,33 € | 87,96 € |
| PSG1.5-28 | PSG1.5-28H | 28 | 42,0 | 45,0 | 8 | 25 | 0,129 - 0,051 | 12,70 | 41,87 | 0,207 | 54,82 € | 90,49 € |
| PSG1.5-29 | PSG1.5-29H | 29 | 43,5 | 46,5 | 10 | 35 | 0,129 - 0,051 | 13,15 | 43,37 | 0,268 | 55,68 € | 91,91 € |
| PSG1.5-30 | PSG1.5-30H | 30 | 45,0 | 48,0 | 10 | 35 | 0,129 - 0,051 | 14,97 | 44,58 | 0,280 | 57,34 € | 94,64 € |
| PSG1.5-32 | PSG1.5-32H | 32 | 48,0 | 51,0 | 10 | 35 | 0,129 - 0,051 | 15,97 | 47,55 | 0,306 | 59,29 € | 97,90 € |
| PSG1.5-35 | PSG1.5-35H | 35 | 52,5 | 55,5 | 10 | 35 | 0,171 - 0,069 | 17,46 | 52,01 | 0,347 | 61,20 € | 100,97 € |
| PSG1.5-38 | PSG1.5-38H | 38 | 57,0 | 60,0 | 12 | 45 | 0,171 - 0,069 | 18,96 | 56,47 | 0,458 | 67,03 € | 110,65 € |
| PSG1.5-40 | PSG1.5-40H | 40 | 60,0 | 63,0 | 12 | 45 | 0,171 - 0,069 | 25,50 | 66,12 | 0,490 | 69,72 € | 115,07 € |
| PSG1.5-42 | PSG1.5-42H | 42 | 63,0 | 66,0 | 12 | 45 | 0,171 - 0,069 | 26,78 | 69,42 | 0,524 | 70,03 € | 115,64 € |
| PSG1.5-45 | PSG1.5-45H | 45 | 67,5 | 70,5 | 12 | 45 | 0,171 - 0,069 | 28,69 | 74,38 | 0,578 | 71,57 € | 118,11 € |
| PSG1.5-48 | PSG1.5-48H | 48 | 72,0 | 75,0 | 12 | 45 | 0,171 - 0,069 | 30,60 | 79,34 | 0,636 | 76,45 € | 126,18 € |

Dimensions in mm



DISCOUNTS

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

| Part number | Z | OP | OD | OA | OM | Backlash | Torque (Nm) | Weight | Price each 1 to 5 | | | |
|-------------|------------|-------|----------|-------|------|----------|---------------|----------|-------------------|-------|----------|----------|
| Standard | Teeth | Pitch | External | Bore | Boss | (mm) | Standard | Standard | Standard | | | |
| hardened | | | | | | | hardened | hardened | hardened | | | |
| PSG1.5-50 | PSG1.5-50H | 50 | 75.0 | 78.0 | 14 | 55 | 0,171 - 0,069 | 37,80 | 89,68 | 0,760 | 85,47 € | 141,06 € |
| PSG1.5-52 | PSG1.5-52H | 52 | 78,0 | 81,0 | 14 | 55 | 0,171 - 0,069 | 39,31 | 93,27 | 0,802 | 89,83 € | 148,21 € |
| PSG1.5-55 | PSG1.5-55H | 55 | 82,5 | 85,5 | 14 | 55 | 0,173 - 0,067 | 41,58 | 98,65 | 0,868 | 92,06 € | 151,97 € |
| PSG1.5-58 | PSG1.5-58H | 58 | 87,0 | 90,0 | 14 | 55 | 0,173 - 0,067 | 43,85 | 104,03 | 0,939 | 94,16 € | 155,44 € |
| PSG1.5-60 | PSG1.5-60H | 60 | 90,0 | 93,0 | 14 | 55 | 0,173 - 0,067 | 53,98 | 112,05 | 0,987 | 95,04 € | 156,88 € |
| PSG1.5-62 | PSG1.5-62H | 62 | 93,0 | 96,0 | 14 | 55 | 0,173 - 0,067 | 55,78 | 115,79 | 1,038 | 96,93 € | 159,99 € |
| PSG1.5-65 | PSG1.5-65H | 65 | 97,5 | 100,5 | 14 | 55 | 0,173 - 0,067 | 58,48 | 121,39 | 1,117 | 100,60 € | 166,00 € |
| PSG1.5-68 | PSG1.5-68H | 68 | 102,0 | 105,0 | 16 | 65 | 0,173 - 0,067 | 61,18 | 127,00 | 1,300 | 106,67 € | 176,09 € |
| PSG1.5-70 | PSG1.5-70H | 70 | 105,0 | 108,0 | 16 | 65 | 0,173 - 0,067 | 62,98 | 130,73 | 1,357 | 110,54 € | 182,39 € |
| PSG1.5-72 | PSG1.5-72H | 72 | 108,0 | 111,0 | 16 | 65 | 0,173 - 0,067 | 64,78 | 134,47 | 1,416 | 116,86 € | 192,79 € |
| PSG1.5-75 | PSG1.5-75H | 75 | 112,5 | 115,5 | 16 | 65 | 0,173 - 0,067 | 67,48 | 140,07 | 1,507 | 124,55 € | 205,56 € |
| PSG1.5-78 | PSG1.5-78H | 78 | 117,0 | 120,0 | 16 | 65 | 0,173 - 0,067 | 70,17 | 145,67 | 1,602 | 131,23 € | 216,63 € |
| PSG1.5-80 | PSG1.5-80H | 80 | 120,0 | 123,0 | 16 | 65 | 0,173 - 0,067 | 92,13 | 156,66 | 1,668 | 136,14 € | 224,64 € |
| PSG1.5-82 | PSG1.5-82H | 82 | 123,0 | 126,0 | 16 | 65 | 0,175 - 0,065 | 94,44 | 160,57 | 1,735 | 142,37 € | 234,90 € |

Dimensions in mm

Our other products



SCA_SS
Stainless steel flat cable clamp, Stainless steel



GMK17_BROSSE
Brush strip, Cone-shaped - brush



PTAF100-PAMF100
Articulated fixable foot with pressed base $\varnothing 100$, $\varnothing 100$



BLM
Spring loaded plunger with ball tip, Stainless steel body



CFF
Female rod ends DIN ISO12240-4, Steel / bronze



BPLE
Ball transfer unit push fit, Light



PR882
Idler sprocket for slat top chain, Range 882



BOX-TOR-B
Box set of Nitrile O-rings in nitrile, 20.38 x 1.78mm to 50.16 x 5.34



CHAK
Hi-Klik TM indent hinge, Hi-Klik™ -



SEV
Vertical stirrup toggle clamp, Vertical Latch



gt64r
Rotating bent lever with spring, Increased



BPHF
Ball transfer unit push fit, Heavy

Complementary products



PSG15
Spur gear - precision range, Case hardened steel 20NCD2



PSG15S
Spur gear - precision range, Stainless steel 303