

Parallel axis helical gear

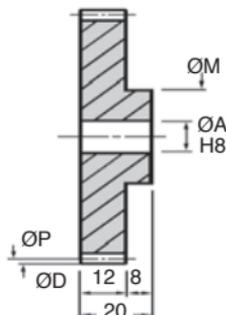


Module

Steel or **machined** plastic

1.0

- Gears are in permanent contact
- Reduced noise
- Pressure angle 20°
- Material: Steel 20NCD2 or delrin plastic



Info.

Important: a right handed gear only meshes with a left handed gear.

| Torque and power indication | | | | |
|-----------------------------|-----------------------|--------------------|-------|--------|
| For 50 teeth at 1000 rpm | | | | |
| | 20NCD2 Z10CNF18.09 | 20NCD2 hardened | brass | delrin |
| Nm | 4.23 | 16.74 | 2.12 | 1.0 |
| kW | 0.44 | 1.75 | 0.22 | - |

Steel DISCOUNTS

| Qty | 1+ | 6+ | 20+ | 40+ |
|-------|-----------|------|------------|-----|
| Disc. | List -12% | -25% | On request | |

Plastic DISCOUNTS

| Qty | 1+ | 6+ | 30+ |
|-------|-----------|------------|-----|
| Disc. | List -22% | On request | |

| Part number | Steel | Plastic | Z Teeth | ØP PCD | ØD Outside | Boss | | Bore | | Price each 1 to 5 | |
|-------------|----------|---------|------------|-----------|---------------|------|-----|------|-----|-------------------|----------|
| | | | | | | SH | ZSH | SH | ZSH | SH | ZSH |
| SH1-10 | - | | 10 | 10,50 | 12,50 | 12 | - | 6 | - | 17,95 € | - |
| SH1-12 | ZSH1-12 | | 12 | 12,60 | 14,60 | 12 | 14 | 6 | 4 | 17,95 € | 8,99 € |
| SH1-15 | ZSH1-15 | | 15 | 15,75 | 17,75 | 12 | 15 | 6 | 6 | 18,93 € | 9,40 € |
| SH1-16 | ZSH1-16 | | 16 | 16,80 | 18,80 | 15 | 15 | 8 | 6 | 19,24 € | 9,59 € |
| SH1-20 | ZSH1-20 | | 20 | 21,00 | 23,00 | 15 | 15 | 8 | 6 | 20,97 € | 10,46 € |
| SH1-25 | ZSH1-25 | | 25 | 26,25 | 28,25 | 15 | 18 | 8 | 6 | 22,43 € | 11,24 € |
| SH1-28 | ZSH1-28 | | 28 | 29,40 | 31,40 | 15 | 18 | 8 | 6 | 24,32 € | 13,43 € |
| SH1-29 | ZSH1-29 | | 29 | 30,45 | 32,45 | 15 | 18 | 8 | 6 | 24,94 € | 13,75 € |
| SH1-30 | ZSH1-30 | | 30 | 31,50 | 33,50 | 20 | 18 | 8 | 6 | 25,41 € | 14,02 € |
| SH1-33 | ZSH1-33 | | 33 | 34,65 | 36,65 | 20 | 18 | 8 | 6 | 26,33 € | 14,52 € |
| SH1-35 | ZSH1-35 | | 35 | 36,75 | 38,75 | 20 | 18 | 8 | 6 | 26,87 € | 14,87 € |
| SH1-40 | ZSH1-40 | | 40 | 42,00 | 44,00 | 20 | 18 | 8 | 6 | 29,04 € | 18,29 € |
| SH1-45 | ZSH1-45 | | 45 | 47,25 | 49,25 | 20 | 18 | 8 | 6 | 29,60 € | 18,65 € |
| SH1-50 | ZSH1-50 | | 50 | 52,50 | 54,50 | 30 | 22 | 10 | 8 | 32,95 € | 20,74 € |
| SH1-55 | ZSH1-55 | | 55 | 57,75 | 59,75 | 30 | 22 | 10 | 8 | 35,37 € | 22,31 € |
| SH1-60 | ZSH1-60 | | 60 | 63,00 | 65,00 | 30 | 22 | 10 | 8 | 37,34 € | 28,26 € |
| SH1-65 | ZSH1-65 | | 65 | 68,25 | 70,25 | 30 | 22 | 10 | 8 | 41,34 € | 31,25 € |
| SH1-66 | ZSH1-66 | | 66 | 69,30 | 71,30 | 30 | 22 | 10 | 8 | 42,21 € | 31,88 € |
| SH1-70 | ZSH1-70 | | 70 | 73,50 | 75,50 | 30 | 22 | 10 | 8 | 44,25 € | 37,92 € |
| SH1-80 | ZSH1-80 | | 80 | 84,00 | 86,00 | 30 | 26 | 10 | 8 | 50,03 € | 38,49 € |
| SH1-90 | ZSH1-90 | | 90 | 94,50 | 96,50 | 30 | 26 | 10 | 8 | 53,44 € | 53,91 € |
| SH1-100 | ZSH1-100 | | 100 | 105,00 | 107,00 | 30 | 26 | 10 | 10 | 59,96 € | 80,25 € |
| SH1-120 | ZSH1-120 | | 120 | 126,00 | 128,00 | 40 | 30 | 12 | 12 | 84,89 € | 112,19 € |
| SH1-130 | - | | 130 | 136,50 | 138,50 | 40 | - | 12 | - | 91,11 € | - |

Gears available up to this size

| | | | | | |
|---------|----------|-----|------------------------|------------|------------|
| SH1-550 | ZSH1-550 | 550 | Dimensions: contact us | On request | On request |
|---------|----------|-----|------------------------|------------|------------|

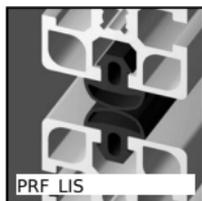
Dimensions in mm

Our other products



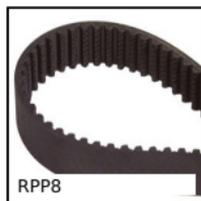
BSM_LOK

Long-Lok spring plunger with internal hexagonal socket, LONG-LOK - s...



PRF LIS

Door seal for aluminium profile, Black NBR



RPP8

RPP heavy duty timing belt, RPP8



BPHT

Ball transfer unit bolt fitting, Heavy



CHM40-MOT

Asynchronous AC motorgearboxes 0.18 to 0.55kW, 0.18 to 0.55kW



PSG25

Spur gear - precision range, Pre-hardened Steel 35NCD6



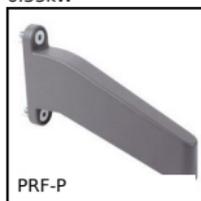
H0

Crossed helical gear crossed axis at 90°, Steel 20NCD2



WING

Manually tightened wing nut, Steel (ANSI B18-17)



PRF-P

Aluminium profile feet support, For feet or casters



CHT

Asynchronous AC Motor, 0.55 to 1.1kW



RTTss

Locking assembly, Medium/high torque



VELM4

Screw-on base for hook-and-loop strip, Polyamide

Complementary products



SH1

Parallel axis helical gear, Machined plastic (delrin)