

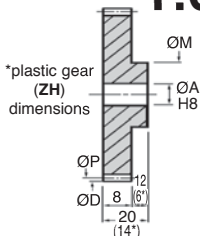
Steel or **machined** plastic

Module 1.0

- Power transferred through 90°
- Teeth are angled at 45° to the right
- Pressure angle 20°
- Material: Steel 20NCD2 or delrin plastic

Info.

Important: A helical gear with a 45° RH angle meshes with a second identically angled gear.



| Torque and power indication | | | |
|-----------------------------|-----------------------|--------------------|--------|
| For 50 teeth at 1000 rpm | | | |
| | 20NCD2 Z10CNF18.09 | 20NCD2 hardened | delrin |
| Nm | 0.747 | 4.908 | 0.18 |
| kW | 0.078 | 0.518 | - |

Steel DISCOUNTS

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

Plastic DISCOUNTS

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

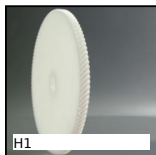
| Part number | | Z | OP | OD | OM | OA | Bore | Price each 1 to 5 | |
|-------------|---------|----------------------------------------|------------------------|---------|------------|-----|------------|-------------------|-------------------|
| Steel | Plastic | Teeth | PCD | Outside | H | ZH | H | ZH | H |
| H1-9 | ZH1-9 | 9 | 14,14 | 16,14 | 11 | 12 | 6 | 4 | 91,70 € 8,72 € |
| H1-10 | ZH1-10 | 10 | 14,14 | 16,14 | 11 | 12 | 6 | 4 | 18,00 € 8,99 € |
| H1-15 | ZH1-15 | 15 | 21,21 | 23,21 | 15 | 18 | 6 | 6 | 20,33 € 10,19 € |
| H1-16 | ZH1-16 | 16 | 22,63 | 24,63 | 15 | 18 | 6 | 6 | 20,45 € 10,19 € |
| H1-20 | ZH1-20 | 20 | 28,28 | 30,28 | 15 | 18 | 6 | 6 | 23,76 € 13,07 € |
| H1-25 | ZH1-25 | 25 | 35,36 | 37,36 | 20 | 18 | 8 | 6 | 25,90 € 14,30 € |
| H1-26 | ZH1-26 | 26 | 36,77 | 38,77 | 20 | 18 | 8 | 6 | 26,22 € 14,45 € |
| H1-30 | ZH1-30 | 30 | 42,43 | 44,43 | 20 | 18 | 8 | 6 | 27,99 € 17,66 € |
| H1-35 | ZH1-35 | 35 | 49,50 | 51,50 | 20 | 18 | 8 | 6 | 31,43 € 23,70 € |
| H1-36 | ZH1-36 | 36 | 50,91 | 52,91 | 20 | 22 | 8 | 8 | 31,86 € 23,99 € |
| H1-40 | ZH1-40 | 40 | 56,57 | 58,57 | 20 | 22 | 8 | 8 | 34,29 € 25,92 € |
| H1-46 | ZH1-46 | 46 | 65,05 | 67,05 | 20 | 22 | 8 | 8 | 40,11 € 34,39 € |
| H1-50 | ZH1-50 | 50 | 70,71 | 72,71 | 25 | 22 | 10 | 8 | 43,07 € 36,95 € |
| H1-56 | ZH1-56 | 56 | 79,20 | 81,20 | 25 | 22 | 10 | 8 | 47,65 € 43,21 € |
| H1-60 | ZH1-60 | 60 | 84,85 | 86,85 | 25 | 22 | 10 | 8 | 49,39 € 44,83 € |
| H1-66 | ZH1-66 | 66 | 93,34 | 95,34 | 25 | 26 | 10 | 8 | 56,35 € 56,88 € |
| H1-70 | ZH1-70 | 70 | 98,99 | 100,99 | 25 | 26 | 10 | 10 | 57,14 € 63,52 € |
| H1-76 | ZH1-76 | 76 | 107,48 | 109,45 | 25 | 26 | 10 | 10 | 71,48 € 70,09 € |
| H1-80 | ZH1-80 | 80 | 113,14 | 115,14 | 25 | 26 | 10 | 10 | 80,82 € 86,29 € |
| H1-84 | ZH1-84 | 84 | 118,79 | 120,79 | 25 | 26 | 10 | 12 | 80,82 € 86,29 € |
| H1-90 | ZH1-90 | 90 | 127,28 | 129,28 | 30 | 30 | 12 | 12 | 91,70 € 86,29 € |
| H1-100 | ZH1-100 | 100 | 141,42 | 143,42 | 30 | 30 | 12 | 12 | 107,58 € 126,20 € |
| H1-120 | - | 120 | 169,71 | 171,71 | 40 | - | 15 | - | 123,42 € - |
| H1-130 | - | 130 | 183,85 | 185,85 | 50 | - | 20 | - | 135,34 € - |
| H1-150 | - | 150 | 212,13 | 214,13 | 50 | - | 20 | - | 155,31 € - |
| ↓ ↓ | | Gears available up to this size | | ↓ ↓ | | ↓ ↓ | | | |
| H1-420 | ZH1-420 | 420 | Dimensions: contact us | | on request | | on request | | |

Dimensions in mm

Our other products



RAS
90° ball and socket joints DIN71802, Stainless steel



H1
Crossed helical gear crossed axis at 90°, Machined plastic (delrin)



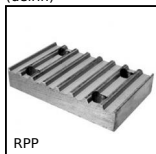
CHA_GC_95S
Stainless steel garnet hinge, To be welded



TFR
Rigid manual tensioner, Fixed



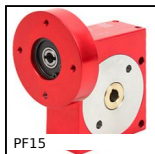
HRV
V-rail guidance Simple Select® system, Rail with carriage



RPP
Connecting plate for RPP type timing belts, RPPB



PCS_PA6
Plastic sprocket, 12.7mm (DIN 08B-1)



PF15
Worm and wheel gear reducer, up to 3,75 Nm



HLA24
Right angle spiro bevel gearbox, Up to 200 Nm



PSG05S
Spur gear - precision range, Stainless steel



EFSM
Igubal® flange bearing, Polymer



BAC110
Swivel storage bin, Adjustable support

Complementary products



H1
Crossed helical gear crossed axis at 90°, Steel 20NCD2