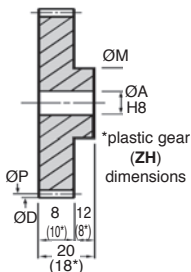


# Crossed helical gear crossed axis à 90° Del Ste 90°

## Module 1.25

Steel or **machined** plastic

- 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<br>Z10CNF18.09 | 20NCD2<br>hardened | delrin |
|----|-----------------------|--------------------|--------|
| Nm | <b>1.386</b>          | 9.108              | 0.4    |
| kW | <b>0.145</b>          | 0.954              | -      |

### 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                                      | ØP     | ØD      | ØM | Bore | ØA | Bore | Price each 1 to 5 |                          |  |
|--------------------------|-----------|--|--------|---------|----|------|----|------|-------------------|--------------------------|--|
| Steel                    | Plastic   | Teeth                                  | PCD    | Outside | H  | ZH   | H  | ZH   | H                 | ZH                       |  |
| H1.25-10                 | ZH1.25-10 | 10                                     | 17,68  | 20,18   | 15 | 15   | 6  | 5    | 23,97 €           | 12,00 €                  |  |
| H1.25-16                 | ZH1.25-16 | 16                                     | 28,28  | 30,78   | 20 | 18   | 8  | 6    | 28,43 €           | 15,71 €                  |  |
| H1.25-17                 | ZH1.25-17 | 17                                     | 30,05  | 32,55   | 20 | 18   | 8  | 6    | 29,54 €           | 16,28 €                  |  |
| H1.25-20                 | ZH1.25-20 | 20                                     | 35,36  | 37,86   | 20 | 18   | 8  | 9    | 32,73 €           | 18,07 €                  |  |
| H1.25-22                 | ZH1.25-22 | 22                                     | 38,89  | 41,39   | 20 | 18   | 8  | 9    | 35,22 €           | 22,13 €                  |  |
| H1.25-25                 | ZH1.25-25 | 25                                     | 44,19  | 46,69   | 20 | 18   | 8  | 9    | 37,84 €           | 30,42 €                  |  |
| H1.25-28                 | ZH1.25-28 | 28                                     | 49,50  | 52,00   | 20 | 22   | 8  | 8    | 39,17 €           | 29,60 €                  |  |
| H1.25-30                 | ZH1.25-30 | 30                                     | 53,03  | 55,53   | 20 | 22   | 8  | 8    | 39,78 €           | 30,05 €                  |  |
| H1.25-32                 | ZH1.25-32 | 32                                     | 56,57  | 59,07   | 20 | 22   | 8  | 8    | 40,22 €           | 30,42 €                  |  |
| H1.25-33                 | ZH1.25-33 | 33                                     | 58,34  | 60,84   | 20 | 22   | 8  | 8    | 40,47 €           | 34,71 €                  |  |
| H1.25-36                 | ZH1.25-36 | 36                                     | 63,64  | 66,14   | 20 | 22   | 8  | 8    | 42,26 €           | 36,25 €                  |  |
| H1.25-40                 | ZH1.25-40 | 40                                     | 70,71  | 73,21   | 25 | 26   | 10 | 10   | 47,68 €           | 40,81 €                  |  |
| H1.25-45                 | ZH1.25-45 | 45                                     | 79,55  | 82,05   | 25 | 26   | 10 | 10   | 52,76 €           | 47,87 €                  |  |
| H1.25-50                 | ZH1.25-50 | 50                                     | 88,39  | 90,89   | 25 | 26   | 10 | 10   | 56,79 €           | 57,34 €                  |  |
| H1.25-56                 | ZH1.25-56 | 56                                     | 98,99  | 101,49  | 25 | 26   | 10 | 10   | 64,42 €           | 72,19 €                  |  |
| H1.25-60                 | ZH1.25-60 | 60                                     | 106,07 | 108,57  | 25 | 30   | 10 | 10   | 71,44 €           | 79,56 €                  |  |
| H1.25-66                 | ZH1.25-66 | 66                                     | 116,67 | 119,17  | 25 | 30   | 10 | 10   | 86,80 €           | 102,17 €                 |  |
| H1.25-70                 | ZH1.25-70 | 70                                     | 123,74 | 126,24  | 25 | 30   | 12 | 10   | 90,47 €           | 103,55 €                 |  |
| H1.25-76                 | -         | 76                                     | 134,35 | 136,85  | 25 | -    | 12 | -    | 98,36 €           | -                        |  |
| H1.25-80                 | -         | 80                                     | 141,42 | 143,92  | 25 | -    | 12 | -    | 101,36 €          | -                        |  |
| H1.25-84                 | ZH1.25-84 | 84                                     | 148,49 | 150,99  | 30 | 30   | 15 | 15   | 107,18 €          | 151,45 €                 |  |
| H1.25-90                 | ZH1.25-90 | 90                                     | 159,10 | 161,60  | 30 | 30   | 15 | 15   | 111,65 €          | 183,81 €                 |  |
| H1.25-96                 | -         | 96                                     | 169,71 | 172,21  | 30 | -    | 15 | -    | 120,12 €          | -                        |  |
| ↓                      ↓ |           | <b>Gears available up to this size</b> |        |         |    |      |    |      |                   | ↓                      ↓ |  |
| H1.25-100                |           | 100                                    | 176,78 | 179,28  | 30 | -    | 15 | -    | on request        |                          |  |

Dimensions in mm

## Our other products



BS2  
Panamech, Multi-Beam, Aluminium - with set screw



CABPVC  
PVC covered galvanised steel cable, Galvanised steel with



PSPE20  
Conical flexible shaft handle Ø20, Black PVC



CHA1056-UPA  
Molded polyamide face-mounted hinge, Black polyamide



PSG25S  
Spur gear - precision range, Stainless steel 316



CDPC  
Flanged drill bushing, Steel



LRR-53  
Spring loaded latch, Spring return latch - steel



BCFH  
Mushroom headed button Hygienic Usit®, With male thread and high head



PSG05  
Spur gear - precision range, Pre-hardened



CAP882  
Flexible slat top chain acetal, Large range



ERT  
Sliding nut, For T slot



BPHF  
Ball transfer unit push fit, Heavy

## Complementary products



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