

# Parallel axis helical gear



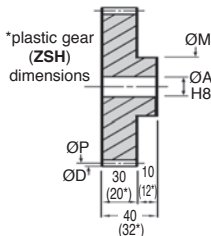
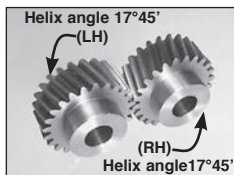
## Module 2.5

Steel or **machined plastic**

- 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<br>Z10CNF18.09 | 20NCD2<br>hardened | brass | delrin |
| Nm                          | 66.17                 | 261.7              | 33.0  | 12.0   |
| kW                          | 6.94                  | 27.4               | 3.5   | -      |

### Steel DISCOUNTS

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

### Plastic DISCOUNTS

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

| Part number |           | Z     | ØP     | ØD      | ØM | Boss | ØA | Bore | Price each 1 to 5 |          |
|-------------|-----------|-------|--------|---------|----|------|----|------|-------------------|----------|
| Steel       | Plastic   | Teeth | PCD    | Outside | SH | ZSH  | SH | ZSH  | SH                | ZSH      |
| SH2.5-10    | ZSH2.5-10 | 10    | 26,25  | 31,25   | 30 | 30   | 12 | 10   | 41,54 €           | 23,17 €  |
| SH2.5-15    | ZSH2.5-15 | 15    | 39,38  | 44,38   | 30 | 30   | 15 | 12   | 47,22 €           | 28,04 €  |
| SH2.5-20    | ZSH2.5-20 | 20    | 52,50  | 57,50   | 40 | 30   | 20 | 12   | 56,23 €           | 42,54 €  |
| SH2.5-22    | ZSH2.5-22 | 22    | 57,75  | 62,75   | 40 | 30   | 20 | 12   | 59,65 €           | 51,07 €  |
| SH2.5-25    | ZSH2.5-25 | 25    | 65,63  | 70,63   | 40 | 30   | 20 | 12   | 66,35 €           | 56,88 €  |
| SH2.5-26    | ZSH2.5-26 | 26    | 68,25  | 73,25   | 45 | 30   | 20 | 12   | 69,72 €           | 59,77 €  |
| SH2.5-30    | ZSH2.5-30 | 30    | 78,75  | 83,75   | 45 | 45   | 20 | 15   | 78,03 €           | 70,90 €  |
| SH2.5-35    | ZSH2.5-35 | 35    | 91,88  | 96,88   | 45 | 45   | 20 | 15   | 87,70 €           | 88,52 €  |
| SH2.5-36    | ZSH2.5-36 | 36    | 94,50  | 99,50   | 45 | 45   | 20 | 17   | 92,43 €           | 93,23 €  |
| SH2.5-40    | ZSH2.5-40 | 40    | 105,00 | 110,00  | 50 | 45   | 20 | 17   | 100,19 €          | 101,06 € |
| SH2.5-45    | ZSH2.5-45 | 45    | 118,13 | 123,13  | 50 | 45   | 20 | 17   | 107,89 €          | 119,71 € |
| SH2.5-46    | ZSH2.5-46 | 46    | 120,75 | 125,75  | 50 | 45   | 20 | 17   | 110,35 €          | 122,51 € |
| SH2.5-50    | ZSH2.5-50 | 50    | 131,25 | 136,25  | 50 | 45   | 20 | 17   | 121,95 €          | 135,33 € |
| SH2.5-53    | ZSH2.5-53 | 53    | 139,13 | 144,13  | 50 | 45   | 20 | 17   | 125,87 €          | 152,48 € |
| SH2.5-55    | ZSH2.5-55 | 55    | 144,38 | 149,38  | 50 | 45   | 20 | 17   | 139,60 €          | 168,76 € |
| SH2.5-57    | ZSH2.5-57 | 57    | 149,63 | 154,63  | 50 | 60   | 20 | 20   | 144,65 €          | 175,12 € |
| SH2.5-60    | ZSH2.5-60 | 60    | 157,50 | 162,50  | 50 | 60   | 20 | 20   | 151,36 €          | 225,32 € |
| SH2.5-65    | ZSH2.5-65 | 65    | 170,63 | 175,63  | 50 | 60   | 20 | 20   | 207,31 €          | 300,00 € |
| SH2.5-70    | ZSH2.5-70 | 70    | 183,75 | 188,75  | 50 | 60   | 20 | 20   | 252,43 €          | 352,27 € |
| SH2.5-75    | ZSH2.5-75 | 75    | 196,88 | 201,88  | 50 | 60   | 20 | 20   | 317,93 €          | 666,22 € |
| SH2.5-80    | -         | 80    | 210,00 | 215,00  | 50 | -    | 20 | -    | 341,52 €          | -        |
| SH2.5-90    | -         | 90    | 236,25 | 241,25  | 50 | -    | 20 | -    | 380,70 €          | -        |
| SH2.5-100   | -         | 100   | 262,50 | 267,50  | 50 | -    | 20 | -    | 486,36 €          | -        |
| SH2.5-110   | -         | 110   | 288,75 | 293,75  | 50 | -    | 20 | -    | 559,93 €          | -        |

| Gears available up to this size |            | Dimensions: contact us |  | On request On request |  |
|---------------------------------|------------|------------------------|--|-----------------------|--|
| SH2.5-220                       | ZSH2.5-220 | 220                    |  |                       |  |

Dimensions in mm

## Our other products



Modular cylindrical brush, PBT polyester bristles



Moulded plastic bevel gear (nylon), 1:1



Parallel axis helical gear, Machined plastic (delrin)



Straight track for slat top chain, Ranges 880 and 881



Cap nut Hygienic Design®, Compact



Flanged polymer bush, Food grade polymer



Side flexing slim slat top chain acetal, Narrow range 880



Half-rail guide, Rail



Worm - precision range, Steel



PVC covered galvanised steel



Screwed hinge with threaded insert, 225



Steel bevel gear, 2:1

### Complementary products

transparen...



Parallel axis helical gear, Machined plastic (delrin)