

## MODULE

## Steel 35NCD6

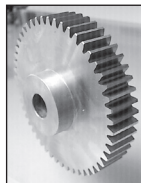
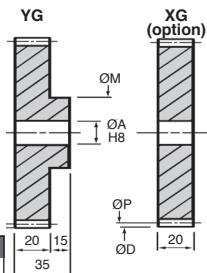
# 1.5



- Greater torque
- Precision class 9
- Pressure angle 20°
- Linear speed 300m/min

### Options

- Material 20NCD2 case-hardened



| Torque and power indication |          |          |          |
|-----------------------------|----------|----------|----------|
| For 50 teeth at 1000 rpm    |          |          |          |
|                             | 35NCD6   | 20NCD2   | 20NCD2   |
|                             | hardened | hardened | hardened |
| Nm                          | 32       | 46       | 88       |
| kW                          | 3.342    | 4.879    | 8.952    |



**in STOCK\***

otherwise contact us

### DISCOUNTS

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

| Part number | Teeth Z | PCD ØP | Outside ØD | Boss ØM | Bore ØA | Stock* | Weight (kg) |       | Price each 1 to 5 |    |
|-------------|---------|--------|------------|---------|---------|--------|-------------|-------|-------------------|----|
|             |         |        |            |         |         |        | YG          | XG    | YG                | XG |
| YG1.5-9     | 9       | 15,00  | 18,00      | 18,00   | 8       | ✓      | 0,043       | 0,019 | 24,64             | €  |
| YG1.5-10    | 10      | 16,50  | 19,50      | 19,50   | 8       | ✓      | 0,054       | 0,025 | 24,64             | €  |
| YG1.5-11    | 11      | 18,00  | 21,00      | 21,00   | 8       | -      | 0,065       | 0,031 | 24,64             | €  |
| YG1.5-12    | 12      | 18,00  | 21,00      | 21,00   | 8       | ✓      | 0,065       | 0,031 | 23,47             | €  |
| YG1.5-13    | 13      | 19,50  | 22,50      | 20,00   | 8       | ✓      | 0,068       | 0,038 | 24,18             | €  |
| YG1.5-14    | 14      | 21,00  | 24,00      | 20,00   | 8       | -      | 0,076       | 0,045 | 24,78             | €  |
| YG1.5-15    | 15      | 22,50  | 25,50      | 20,00   | 8       | ✓      | 0,083       | 0,053 | 25,42             | €  |
| YG1.5-16    | 16      | 24,00  | 27,00      | 25,00   | 10      | ✓      | 0,105       | 0,057 | 26,13             | €  |
| YG1.5-17    | 17      | 25,50  | 28,50      | 25,00   | 10      | -      | 0,113       | 0,066 | 26,92             | €  |
| YG1.5-18    | 18      | 27,00  | 30,00      | 25,00   | 10      | -      | 0,123       | 0,076 | 27,82             | €  |
| YG1.5-19    | 19      | 28,50  | 31,50      | 25,00   | 10      | -      | 0,133       | 0,086 | 29,04             | €  |
| YG1.5-20    | 20      | 30,00  | 33,00      | 25,00   | 10      | ✓      | 0,143       | 0,096 | 30,22             | €  |
| YG1.5-21    | 21      | 31,50  | 34,50      | 25,00   | 10      | -      | 0,155       | 0,107 | 30,54             | €  |
| YG1.5-22    | 22      | 33,00  | 36,00      | 30,00   | 10      | ✓      | 0,191       | 0,119 | 30,86             | €  |
| YG1.5-23    | 23      | 34,50  | 37,50      | 30,00   | 10      | -      | 0,203       | 0,131 | 31,29             | €  |
| YG1.5-24    | 24      | 36,00  | 39,00      | 30,00   | 10      | ✓      | 0,216       | 0,144 | 31,67             | €  |
| YG1.5-25    | 25      | 37,50  | 40,50      | 30,00   | 10      | ✓      | 0,229       | 0,157 | 33,35             | €  |
| YG1.5-26    | 26      | 39,00  | 42,00      | 30,00   | 10      | -      | 0,243       | 0,171 | 34,91             | €  |
| YG1.5-27    | 27      | 40,50  | 43,50      | 30,00   | 10      | ✓      | 0,257       | 0,185 | 35,95             | €  |
| YG1.5-28    | 28      | 42,00  | 45,00      | 30,00   | 10      | ✓      | 0,272       | 0,200 | 37,10             | €  |
| YG1.5-29    | 29      | 43,50  | 46,50      | 30,00   | 10      | -      | 0,288       | 0,215 | 37,70             | €  |
| YG1.5-30    | 30      | 45,00  | 48,00      | 30,00   | 10      | ✓      | 0,304       | 0,231 | 38,79             | €  |
| YG1.5-31    | 31      | 46,50  | 49,50      | 30,00   | 10      | -      | 0,320       | 0,248 | 39,36             | €  |
| YG1.5-32    | 32      | 48,00  | 51,00      | 30,00   | 10      | -      | 0,337       | 0,265 | 40,16             | €  |
| YG1.5-33    | 33      | 49,50  | 52,50      | 30,00   | 10      | ✓      | 0,355       | 0,283 | 40,48             | €  |

On request

\*Depending on availability - Dimensions in mm

| Part number | Teeth Z | PCD ØP | Outside ØD | Boss ØM | Bore ØA | Stock* | Weight (kg) |       | Price each 1 to 5 |    |
|-------------|---------|--------|------------|---------|---------|--------|-------------|-------|-------------------|----|
|             |         |        |            |         |         |        | YG          | XG    | YG                | XG |
| YG1.5-34    | 34      | 51,00  | 54,00      | 30,00   | 10      | -      | 0,373       | 0,301 | 40,83             | €  |
| YG1.5-35    | 35      | 52,50  | 55,50      | 50,00   | 15      | -      | 0,509       | 0,304 | 41,34             | €  |
| YG1.5-36    | 36      | 54,00  | 57,00      | 50,00   | 15      | -      | 0,529       | 0,323 | 43,41             | €  |
| YG1.5-37    | 37      | 55,50  | 58,50      | 50,00   | 15      | -      | 0,548       | 0,343 | 44,30             | €  |
| YG1.5-38    | 38      | 57,00  | 60,00      | 50,00   | 15      | ✓      | 0,569       | 0,363 | 45,33             | €  |
| YG1.5-39    | 39      | 58,50  | 61,50      | 50,00   | 15      | -      | 0,589       | 0,384 | 46,26             | €  |
| YG1.5-40    | 40      | 60,00  | 63,00      | 50,00   | 15      | ✓      | 0,611       | 0,406 | 47,27             | €  |
| YG1.5-41    | 41      | 61,50  | 64,50      | 50,00   | 15      | -      | 0,633       | 0,428 | 47,32             | €  |
| YG1.5-42    | 42      | 63,00  | 66,00      | 50,00   | 15      | -      | 0,655       | 0,450 | 47,39             | €  |
| YG1.5-43    | 43      | 64,50  | 67,50      | 50,00   | 15      | -      | 0,678       | 0,473 | 47,41             | €  |
| YG1.5-44    | 44      | 66,00  | 69,00      | 50,00   | 15      | -      | 0,702       | 0,497 | 47,81             | €  |
| YG1.5-45    | 45      | 67,50  | 70,50      | 50,00   | 15      | -      | 0,726       | 0,521 | 48,43             | €  |
| YG1.5-46    | 46      | 69,00  | 72,00      | 50,00   | 15      | -      | 0,750       | 0,545 | 49,48             | €  |
| YG1.5-47    | 47      | 70,50  | 73,50      | 50,00   | 15      | -      | 0,775       | 0,570 | 50,56             | €  |
| YG1.5-48    | 48      | 72,00  | 75,00      | 50,00   | 15      | -      | 0,801       | 0,596 | 51,65             | €  |
| YG1.5-49    | 49      | 73,50  | 76,50      | 50,00   | 15      | -      | 0,827       | 0,622 | 53,96             | €  |
| YG1.5-50    | 50      | 75,00  | 78,00      | 50,00   | 15      | ✓      | 0,854       | 0,649 | 58,70             | €  |
| YG1.5-51    | 51      | 76,50  | 79,50      | 50,00   | 15      | -      | 0,881       | 0,676 | 59,49             | €  |
| YG1.5-52    | 52      | 78,00  | 81,00      | 50,00   | 15      | -      | 0,909       | 0,704 | 60,67             | €  |
| YG1.5-53    | 53      | 79,50  | 82,50      | 60,00   | 15      | -      | 1,037       | 0,733 | 61,57             | €  |
| YG1.5-54    | 54      | 81,00  | 84,00      | 60,00   | 15      | ✓      | 1,066       | 0,762 | 61,88             | €  |
| YG1.5-55    | 55      | 82,50  | 85,50      | 60,00   | 15      | -      | 1,095       | 0,791 | 62,23             | €  |
| YG1.5-56    | 56      | 84,00  | 87,00      | 60,00   | 15      | -      | 1,125       | 0,821 | 62,67             | €  |
| YG1.5-57    | 57      | 85,50  | 88,50      | 60,00   | 15      | -      | 1,156       | 0,852 | 63,28             | €  |
| YG1.5-58    | 58      | 87,00  | 90,00      | 60,00   | 15      | -      | 1,187       | 0,883 | 63,58             | €  |
| YG1.5-59    | 59      | 88,50  | 91,50      | 60,00   | 15      | -      | 1,219       | 0,914 | 63,92             | €  |
| YG1.5-60    | 60      | 90,00  | 93,00      | 60,00   | 15      | ✓      | 1,251       | 0,947 | 64,21             | €  |
| YG1.5-62    | 62      | 93,00  | 96,00      | 60,00   | 15      | -      | 1,317       | 1,013 | 65,49             | €  |
| YG1.5-64    | 64      | 96,00  | 99,00      | 60,00   | 15      | -      | 1,385       | 1,081 | 66,31             | €  |
| YG1.5-65    | 65      | 97,50  | 100,50     | 60,00   | 15      | ✓      | 1,420       | 1,116 | 70,81             | €  |
| YG1.5-66    | 66      | 99,00  | 102,00     | 60,00   | 15      | ✓      | 1,455       | 1,151 | 70,81             | €  |
| YG1.5-68    | 68      | 102,00 | 105,00     | 60,00   | 15      | -      | 1,528       | 1,224 | 71,95             | €  |
| YG1.5-70    | 70      | 105,00 | 108,00     | 60,00   | 15      | -      | 1,602       | 1,298 | 74,56             | €  |
| YG1.5-71    | 71      | 106,50 | 109,50     | 60,00   | 15      | -      | 1,641       | 1,336 | 76,63             | €  |
| YG1.5-72    | 72      | 108,00 | 111,00     | 60,00   | 15      | -      | 1,679       | 1,375 | 78,82             | €  |
| YG1.5-73    | 73      | 109,50 | 112,50     | 60,00   | 15      | -      | 1,718       | 1,414 | 80,79             | €  |
| YG1.5-74    | 74      | 111,00 | 114,00     | 60,00   | 15      | -      | 1,758       | 1,454 | 83,58             | €  |
| YG1.5-75    | 75      | 112,50 | 115,50     | 60,00   | 15      | -      | 1,798       | 1,494 | 89,06             | €  |
| YG1.5-76    | 76      | 114,00 | 117,00     | 60,00   | 15      | -      | 1,839       | 1,535 | 89,06             | €  |
| YG1.5-78    | 78      | 117,00 | 120,00     | 75,00   | 15      | -      | 2,105       | 1,618 | 89,06             | €  |
| YG1.5-80    | 80      | 120,00 | 123,00     | 75,00   | 15      | -      | 2,191       | 1,704 | 91,89             | €  |
| YG1.5-86    | 86      | 129,00 | 132,00     | 75,00   | 15      | -      | 2,460       | 1,973 | 104,10            | €  |
| YG1.5-90    | 90      | 135,00 | 138,00     | 75,00   | 15      | -      | 2,650       | 2,164 | 105,83            | €  |
| YG1.5-96    | 96      | 144,00 | 147,00     | 75,00   | 15      | -      | 2,952       | 2,465 | 135,77            | €  |
| YG1.5-98    | 98      | 147,00 | 150,00     | 75,00   | 15      | -      | 3,057       | 2,570 | 135,77            | €  |
| YG1.5-100   | 100     | 150,00 | 153,00     | 75,00   | 15      | -      | 3,164       | 2,677 | 135,77            | €  |
| YG1.5-105   | 105     | 157,50 | 160,50     | 75,00   | 15      | -      | 3,441       | 2,955 | 147,57            | €  |
| YG1.5-110   | 110     | 165,00 | 168,00     | 75,00   | 15      | -      | 3,732       | 3,245 | 171,72            | €  |
| YG1.5-115   | 115     | 172,50 | 175,50     | 75,00   | 15      | -      | 4,036       | 3,550 | 171,72            | €  |
| YG1.5-120   | 120     | 180,00 | 183,00     | 75,00   | 15      | -      | 4,354       | 3,867 | 214,66            | €  |

On request

↓ **Gears available up to this size** ↓

**YG1.5-298 298 447,00 450,00 Dimensions: contact us On request**

\*Depending on availability - Dimensions in mm

## Our other products



Masterplate® glueable insert  
Ø19/Ø20, Cylindrical with nut



Worm and wheel set,  
Machined plastic (delrin)



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



Spherical tilt washer - DIN6319, convex



Cylindrical holding magnets, Cylindrical holding magnet



Latch with locking system, Aluminium



Cap nut Hygienic Design®, With collar



Set screw brass tip, Brass-point



Hammerhead screw, Hammerhead screw



Right angled gearbox, from 26 to 128 Nm



Conical compression spring, Conical



Safety washer Hygienic Usit®, Stainless steel

## Complementary products



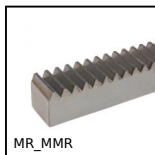
Plastic spur gear, Machined plastic (delrin)



Moulded plastic spur gear, Moulded plastic (nylon)



Ground spur gear, Heat treated steel



Metric section rack, Steel