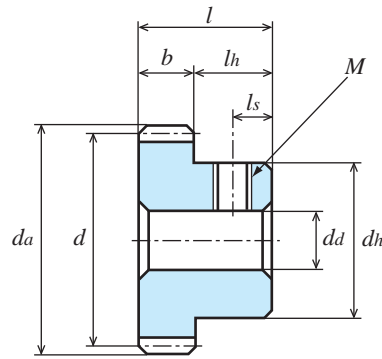


# 平歯車 SPUR GEARS

モジュール **0.5** 圧力角 20° (並歯)  
MODULE 20° PRESSURE ANGLE FULL DEPTH TOOTH

JIS B 1702-1 (ISO) 9~10 級  
System of accuracy : JIS B 1702-1(ISO) class 9-10



B1形  
TYPE B1

## C3604B 快削黄銅棒 Material : Brass (ISO CuZn39Pb3)

単位 : mm  
Dimensions : mm

| 商品記号<br>Catalogue Number | 歯数<br>Number of Teeth<br>z | 基準円直径<br>Reference Diameter<br>d | 歯先円直径<br>Tip Diameter<br>da | 形<br>Type | 歯幅<br>Face Width<br>b | 穴径<br>Bore Diameter<br>da(H8) | ハブ外径<br>Hub Diameter<br>dh | ハブ長さ<br>Hub Projection<br>lh | 全長<br>Overall Length<br>l | ねじ<br>Set Screw |     | 重量<br>Weight<br>W(g) |
|--------------------------|----------------------------|----------------------------------|-----------------------------|-----------|-----------------------|-------------------------------|----------------------------|------------------------------|---------------------------|-----------------|-----|----------------------|
|                          |                            |                                  |                             |           |                       |                               |                            |                              |                           | M               | ls  |                      |
| S50B 10K - 1006          | 10                         | φ 5                              | φ 6                         | K1        | 10                    | -                             | φ 6                        | 45                           | 55                        | -               | -   | 12.5                 |
| S50B 12K - 1007          | 12                         | φ 6                              | φ 7                         | K1        | 10                    | -                             | φ 7                        | 45                           | 55                        | -               | -   | 17.1                 |
| S50B 14K - 1008          | 14                         | φ 7                              | φ 8                         | K1        | 10                    | -                             | φ 8                        | 45                           | 55                        | -               | -   | 22.5                 |
| S50B 15K + 0803          | 15                         | φ 7.5                            | φ 8.5                       | K2        | 8                     | φ3                            | φ 9                        | 10                           | 18                        | M3              | 3   | 7.2                  |
| S50B 16K + 0803          | 16                         | φ 8                              | φ 9                         | K2        | 8                     | φ3                            | φ 9                        | 10                           | 18                        | M3              | 3   | 7.6                  |
| S50B 18K + 0803          | 18                         | φ 9                              | φ 10                        | K2        | 8                     | φ3                            | φ 10                       | 10                           | 18                        | M3              | 3   | 9.7                  |
| S50B 20K + 0803          | 20                         | φ 10                             | φ 11                        | K2        | 8                     | φ3                            | φ 11                       | 10                           | 18                        | M3              | 3   | 12.2                 |
| S50B 20B + 0303          | 20                         | φ 10                             | φ 11                        | B1        | 3                     | φ3                            | φ 8.2                      | 5                            | 8                         | M3              | 2.5 | 3.8                  |
| S50B 24B + 0303          | 24                         | φ 12                             | φ 13                        | B1        | 3                     | φ3                            | φ 10                       | 5                            | 8                         | M3              | 2.5 | 5.6                  |
| S50B 25B + 0303          | 25                         | φ 12.5                           | φ 13.5                      | B1        | 3                     | φ3                            | φ 10                       | 5                            | 8                         | M3              | 2.5 | 5.8                  |
| S50B 26B + 0303          | 26                         | φ 13                             | φ 14                        | B1        | 3                     | φ3                            | φ 10                       | 5                            | 8                         | M3              | 2.5 | 6.1                  |
| S50B 28B + 0303          | 28                         | φ 14                             | φ 15                        | B1        | 3                     | φ3                            | φ 10                       | 5                            | 8                         | M3              | 2.5 | 6.6                  |
| S50B 30B + 0303          | 30                         | φ 15                             | φ 16                        | B1        | 3                     | φ3                            | φ 10                       | 5                            | 8                         | M3              | 2.5 | 7.2                  |
| S50B 32B + 0303          | 32                         | φ 16                             | φ 17                        | B1        | 3                     | φ3                            | φ 10                       | 5                            | 8                         | M3              | 2.5 | 7.8                  |
| S50B 35B + 0303          | 35                         | φ 17.5                           | φ 18.5                      | B1        | 3                     | φ3                            | φ 10                       | 5                            | 8                         | M3              | 2.5 | 8.8                  |
| S50B 36B + 0303          | 36                         | φ 18                             | φ 19                        | B1        | 3                     | φ3                            | φ 10                       | 5                            | 8                         | M3              | 2.5 | 9.2                  |

セットスクリューは付いておりません。  
[+] : Gear with threaded hole / without set screw.

### 許容伝達動力表 曲げ強さ (W)

Allowable transfer capability table (W) Bending Strength

| 商品記号<br>Catalogue Numbers | 回転速度 (min <sup>-1</sup> )<br>revolution/min |      |      |       |       |       |       |
|---------------------------|---|------|------|-------|-------|-------|-------|
|                           | 10  | 100  | 200  | 400   | 800   | 1,200 | 1,500 |
| S50B 10K - 1006           | 0.12  | 1.21 | 2.42 | 4.85  | 9.70  | 14.55 | 18.18 |
| S50B 12K - 1007           | 0.17  | 1.70 | 3.40 | 6.79  | 13.58 | 20.37 | 25.47 |
| S50B 14K - 1008           | 0.22  | 2.21 | 4.43 | 8.85  | 17.71 | 26.56 | 33.20 |
| S50B 15K + 0803           | 0.20  | 1.98 | 3.97 | 7.94  | 15.87 | 23.81 | 29.76 |
| S50B 16K + 0803           | 0.22  | 2.20 | 4.40 | 8.81  | 17.62 | 26.42 | 33.03 |
| S50B 18K + 0803           | 0.26  | 2.65 | 5.29 | 10.59 | 21.18 | 31.76 | 39.71 |
| S50B 20K + 0803           | 0.31  | 3.11 | 6.22 | 12.43 | 24.86 | 37.30 | 46.62 |
| S50B 20B + 0303           | 0.12  | 1.17 | 2.33 | 4.66  | 9.32  | 13.99 | 17.48 |
| S50B 24B + 0303           | 0.15  | 1.52 | 3.04 | 6.08  | 12.16 | 18.23 | 22.79 |
| S50B 25B + 0303           | 0.16  | 1.61 | 3.22 | 6.44  | 12.88 | 19.32 | 24.15 |
| S50B 26B + 0303           | 0.17  | 1.70 | 3.40 | 6.80  | 13.61 | 20.41 | 25.43 |
| S50B 28B + 0303           | 0.19  | 1.88 | 3.77 | 7.54  | 15.08 | 22.62 | 27.85 |
| S50B 30B + 0303           | 0.21  | 2.07 | 4.14 | 8.28  | 16.56 | 24.83 | 30.23 |
| S50B 32B + 0303           | 0.23  | 2.26 | 4.51 | 9.03  | 18.05 | 27.06 | 32.60 |
| S50B 35B + 0303           | 0.25  | 2.54 | 5.08 | 10.16 | 20.32 | 30.04 | 36.08 |
| S50B 36B + 0303           | 0.26  | 2.64 | 5.27 | 10.54 | 21.08 | 31.02 | 37.22 |

The above numerical values are equivalent to JGMA formulas as reference only.  
動力の換算式は P26 をご参照ください。  
Please refer to the conversion formulas of power on page P26.

### RoHS 対応

2006年11月生産開始分より欧州 RoHS 指令に対応できる商品を提供しています。  
We supplied the KG-products with RoHS compliance of EU to all our valued customers since November 2006