

## 面圧平歯車

-圧力角20°モジュール 1.0/1.5/2.0/2.5/3.0-

■特長：軸への加工（キー溝等）が不要になり、軸の強度低下がありません。また位置合わせも容易です。



| Type  | M 材質   |        | S 表面処理     |         | A 付属品          |
|-------|--------|--------|------------|---------|----------------|
|       | 歯車     | ブッシュ   | 歯車         | ブッシュ    |                |
| GEAL  |        |        | —          | —       | 六角穴付ボルト        |
| GEALB | S45C相当 | S45C相当 | 四三酸化鉄皮膜    | 四三酸化鉄皮膜 | SCM435・四三酸化鉄皮膜 |
| GEALG |        |        | 無電解ニッケルメッキ |         |                |

歯車形状：E形 F形 G形

精度 旧JIS B 1702 4級  
(新JIS B 1702-1 8級相当)

\*ブッシュはスタンダードタイプ(ST)と、ショートタイプ(SH)の2種類あります。右ページ参照。

RoHS10

| Type | モジュール | 歯数 | B           | 歯車形状  | 軸穴後d <sub>H</sub> (右ページ表1より選択) |       | E<br>F<br>G<br>STブッシュ | F<br>G<br>直角<br>直角 | F<br>G<br>直角<br>直角 | L1     | L      | H      | *1許容伝達力<br>(N・m)<br>曲げ強さ | ¥基準単価  |        |        |        |        |    |
|------|-------|----|-------------|-------|--------------------------------|-------|-----------------------|--------------------|--------------------|--------|--------|--------|--------------------------|--------|--------|--------|--------|--------|----|
|      |       |    |             |       | GEAL                           | GEALB | GEALG                 |                    |                    |        |        |        |                          | E形     | F形     | G形     | E形     | F形     | G形 |
| 1.0  | 35    | 10 | G           | 8~10  | 35                             | 37    | 32.5                  | 30                 | 12.13              | 4,600  | —      | —      | —                        | 4,860  | —      | —      | —      | 5,120  | —  |
|      | 36    |    |             |       | 36                             | 38    | 33.5                  | 30                 | 12.52              | 4,650  | —      | —      | —                        | 4,910  | —      | —      | —      | 5,170  | —  |
|      | 38    |    |             |       | 38                             | 40    | 35.5                  | 30                 | 13.46              | 4,720  | —      | —      | —                        | 4,990  | —      | —      | —      | 5,250  | —  |
|      | 40    |    |             | 8~12  | 40                             | 42    | 37.5                  | 30                 | 14.31              | 5,170  | —      | —      | —                        | 5,490  | —      | —      | —      | 5,800  | —  |
|      | 42    |    |             |       | 42                             | 44    | 39.5                  | 30                 | 15.24              | 5,310  | —      | —      | —                        | 5,630  | —      | —      | —      | 5,950  | —  |
|      | 45    |    |             | 8~18  | 45                             | 47    | 42.5                  | 30                 | 16.66              | 5,610  | —      | —      | —                        | 5,940  | —      | —      | —      | 6,270  | —  |
|      | 48    |    |             |       | 48                             | 50    | 45.5                  | 30                 | 18.04              | 5,790  | —      | —      | —                        | 6,130  | —      | —      | —      | 6,470  | —  |
|      | 50    |    |             |       | 50                             | 52    | 47.5                  | 30                 | 18.95              | 5,850  | —      | —      | —                        | 6,200  | —      | —      | —      | 6,540  | —  |
|      | 52    |    |             | 10~18 | 52                             | 54    | 49.5                  | 30                 | 19.87              | 6,300  | —      | —      | —                        | 6,690  | —      | —      | —      | 7,080  | —  |
|      | 60    |    |             |       | 60                             | 62    | 57.5                  | 30                 | 23.64              | 7,030  | —      | —      | —                        | 7,490  | —      | —      | —      | 7,950  | —  |
|      | 70    |    |             |       | 70                             | 72    | 67.5                  | 30                 | 28.31              | 9,220  | —      | —      | —                        | 9,770  | —      | —      | —      | 10,320 | —  |
|      | 80    |    |             | 12~32 | 80                             | 82    | 77.5                  | 30                 | 32.98              | 10,380 | —      | —      | —                        | 11,050 | —      | —      | —      | 11,720 | —  |
|      | 100   |    |             |       | 100                            | 102   | 97.5                  | 30                 | 42.59              | 13,170 | —      | —      | —                        | 14,120 | —      | —      | —      | 15,070 | —  |
|      | 120   |    |             |       | 120                            | 122   | 117.5                 | 30                 | 51.87              | 15,670 | —      | —      | —                        | 16,870 | —      | —      | —      | 18,070 | —  |
| 1.5  | 20    | 15 | E<br>G      | 8     | 30                             | 33    | 26.25                 | 25                 | 18.81              | 4,440  | —      | —      | —                        | 4,740  | 4,670  | 4,900  | —      | 5,200  | —  |
|      | 24    |    |             |       | 36                             | 39    | 32.25                 | 30                 | 24.45              | 4,230  | —      | —      | —                        | 4,530  | 4,440  | 4,650  | —      | 4,950  | —  |
|      | 25    |    |             |       | 37.5                           | 40.5  | 33.75                 | 30                 | 25.92              | 4,270  | —      | —      | —                        | 4,790  | 4,700  | 5,000  | —      | 5,500  | —  |
|      | 26    |    |             | 8~12  | 39                             | 42    | 35.25                 | 30                 | 27.42              | 4,280  | —      | —      | —                        | 4,800  | 4,730  | 5,030  | —      | 5,300  | —  |
|      | 28    |    |             |       | 42                             | 45    | 38.25                 | 30                 | 30.43              | 4,280  | —      | —      | —                        | 4,800  | 4,730  | 5,030  | —      | 5,250  | —  |
|      | 30    |    |             | 8~18  | 45                             | 48    | 41.25                 | 30                 | 33.30              | 4,460  | —      | —      | —                        | 4,760  | 4,700  | 5,000  | 4,950  | 5,500  | —  |
|      | 32    |    |             |       | 48                             | 51    | 44.25                 | 30                 | 36.11              | 5,080  | —      | —      | —                        | 5,380  | 5,360  | 5,660  | 5,650  | 6,250  | —  |
|      | 35    |    |             |       | 52.5                           | 55.5  | 48.75                 | 30                 | 40.93              | 5,380  | —      | —      | —                        | 5,680  | 5,680  | 6,280  | —      | 6,800  | —  |
|      | 36    |    |             | 8~30  | 54                             | 57    | 50.25                 | 30                 | 42.24              | 5,460  | —      | —      | —                        | 5,760  | 5,760  | 6,060  | 6,070  | 6,370  | —  |
|      | 40    |    |             |       | 60                             | 63    | 56.25                 | 30                 | 45.81              | 6,910  | —      | —      | —                        | 7,210  | 7,250  | 7,550  | 7,590  | 8,890  | —  |
|      | 48    |    |             |       | 72                             | 75    | 68.25                 | 30                 | 63.97              | 8,100  | —      | —      | —                        | 8,400  | 8,540  | 8,840  | 8,980  | 9,280  | —  |
|      | 50    |    |             | 8~32  | 75                             | 78    | 71.25                 | 30                 | 67.07              | 8,440  | —      | —      | —                        | 8,740  | 8,920  | 9,220  | 9,390  | 9,690  | —  |
|      | 52    |    |             |       | 78                             | 81    | 74.25                 | 30                 | 79.80              | 9,380  | —      | —      | —                        | 9,680  | 9,950  | 10,250 | 10,520 | 10,820 | —  |
|      | 60    |    |             |       | 105                            | 108   | 101.25                | 30                 | 95.56              | 11,300 | —      | —      | —                        | 11,600 | 12,060 | 12,360 | 12,820 | 13,120 | —  |
| 2.0  | 15    | 20 | E<br>F<br>G | 8     | 30                             | 34    | 25                    | 24                 | 28.65              | 4,130  | —      | —      | —                        | 4,640  | 4,540  | 4,540  | —      | 4,840  | —  |
|      | 18    |    |             |       | 36                             | 40    | 31                    | 24                 | 38.07              | 4,340  | —      | —      | —                        | 4,870  | 4,790  | 5,090  | —      | 5,300  | —  |
|      | 20    |    |             |       | 40                             | 44    | 35                    | 24                 | 44.59              | 4,570  | 5,010  | 4,870  | 4,820                    | 5,270  | 5,120  | 5,060  | 5,520  | 5,360  | —  |
|      | 24    |    |             | 8~17  | 48                             | 52    | 43                    | 24                 | 57.96              | 5,250  | 4,940  | 5,550  | 5,540                    | 5,790  | 5,840  | 5,830  | 6,090  | 6,130  | —  |
|      | 25    |    |             |       | 50                             | 54    | 45                    | 24                 | 61.43              | 5,390  | 5,630  | 5,690  | 5,690                    | 5,950  | 5,990  | 5,990  | 6,260  | 6,290  | —  |
|      | 26    |    |             | 8~18  | 52                             | 56    | 47                    | 24                 | 64.99              | 5,440  | 5,690  | 5,740  | 5,740                    | 6,000  | 6,040  | 6,040  | 6,320  | 6,350  | —  |
|      | 30    |    |             |       | 60                             | 64    | 55                    | 24                 | 78.93              | 5,890  | 6,150  | 6,190  | 6,240                    | 6,510  | 6,540  | 6,590  | 6,880  | 6,890  | —  |
|      | 32    |    |             | 8~32  | 64                             | 68    | 59                    | 24                 | 85.59              | 7,410  | 6,680  | 7,700  | 7,700                    | 7,070  | 8,090  | 8,160  | 7,460  | 8,460  | —  |
|      | 36    |    |             |       | 80                             | 84    | 75                    | 24                 | 104.5              | 10,900 | 10,390 | 11,290 | 11,710                   | 11,150 | 12,010 | 12,440 | 11,910 | 12,740 | —  |
|      | 40    |    |             |       | 100                            | 104   | 95                    | 24                 | 151.64             | 10,210 | 9,580  | 10,510 | 10,860                   | 10,260 | 11,160 | 11,510 | 10,940 | 11,810 | —  |
|      | 48    |    |             | 10~32 | 104                            | 108   | 99                    | 24                 | 151.64             | 10,440 | 9,830  | 10,740 | 11,240                   | 10,530 | 11,420 | 11,790 | 11,240 | 12,090 | —  |
|      | 52    |    |             |       | 120                            | 124   | 115                   | 24                 | 189.16             | 10,990 | 11,290 | 11,710 | 11,150                   | 12,010 | 12,440 |        |        |        |    |