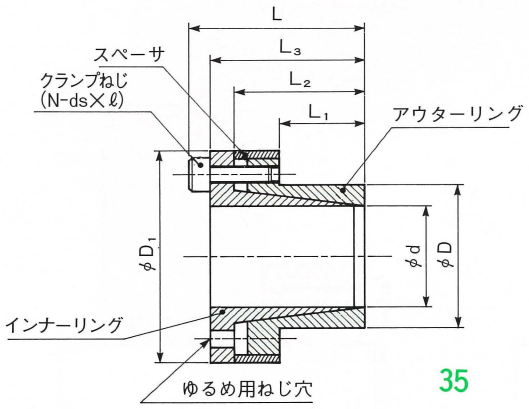
# クランプエレメント SCE210形

呼称
SCE210 6×14
└クランプエレメント SCE210シリーズ　内径(mm)　外径(mm)

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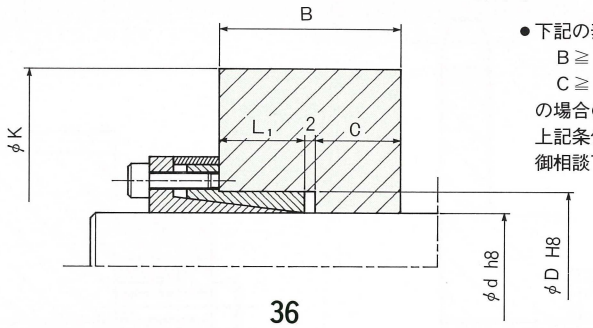


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● 下記の表のKの値は
B≧2×L1
C≧d/2
の場合のものです。
上記条件以外のときは
御相談下さい。

## 寸法・性能

※ (MPa)

| 呼称 SCE210 d×D (mm) | L1 (mm) | L2 (mm) | L3 (mm) | L (mm) | D1 (mm) | 締付けトルクMsで伝達できるトルク (M) N·m | スラスト力 (F) KN | 面圧力 シャフト (Ps) MPa | ボス (PB) MPa | クランプねじ 本数 (N) | サイズ (ds×ℓ) | 締付けトルク (Ms) N·m | ボス材料のσ0.2によるボス外径(K)の最小値(mm) 150※ FC250 | 200※ FC350 SS400 SC410 S10-CN | 250※ FCD400 SS490 SC480 S20C-N | 300※ FCD450 S35C-N | 350※ FCD500 S45C-N | 400※ FCD600 S55C-N | 質量 (g) | J ×10⁻⁵ kg·m² |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6× 14 | 10 | 18.5 | 21 | 24 | 25 | 12 | 4.0 | 196 | 84 | 3 | M 3×10 | 2.0 | 23 | 20 | 19 | 18 | 17 | 17 | 46 | 0.35 |
| 7× 15 | 12 | 22 | 25 | 29 | 27 | 24 | 6.8 | 242 | 113 | 3 | M 4×10 | 4.7 | 31 | 25 | 22 | 21 | 20 | 19 | 67 | 0.58 |
| 8× 15 | 12 | 22 | 25 | 29 | 27 | 27 | 6.8 | 212 | 113 | 3 | M 4×10 | 4.7 | 31 | 25 | 22 | 21 | 20 | 19 | 65 | 0.57 |
| 9× 16 | 14 | 23 | 26 | 30 | 28 | 41 | 9.1 | 216 | 121 | 4 | M 4×10 | 4.7 | 35 | 28 | 25 | 23 | 22 | 21 | 67 | 0.63 |
| 10× 16 | 14 | 23 | 26 | 30 | 28 | 45 | 9.1 | 194 | 121 | 4 | M 4×10 | 4.7 | 35 | 28 | 25 | 23 | 22 | 21 | 64 | 0.62 |
| 11× 18 | 14 | 23 | 26 | 30 | 32 | 50 | 9.1 | 177 | 108 | 4 | M 4×10 | 4.7 | 35 | 29 | 26 | 25 | 24 | 23 | 85 | 1.05 |
| 12× 18 | 14 | 23 | 26 | 30 | 32 | 55 | 9.1 | 162 | 108 | 4 | M 4×10 | 4.7 | 35 | 29 | 26 | 25 | 24 | 23 | 80 | 1.04 |
| 13× 23 | 14 | 23 | 26 | 30 | 38 | 59 | 9.1 | 149 | 84 | 4 | M 4×10 | 4.7 | 38 | 33 | 31 | 29 | 28 | 28 | 125 | 2.18 |
| 14× 23 | 14 | 23 | 26 | 30 | 38 | 64 | 9.1 | 138 | 84 | 4 | M 4×10 | 4.7 | 38 | 33 | 31 | 29 | 28 | 28 | 120 | 2.15 |
| 15× 24 | 16 | 29 | 36 | 42 | 45 | 117 | 15.6 | 192 | 120 | 3 | M 6×18 | 16 | 52 | 41 | 36 | 34 | 32 | 31 | 257 | 7.09 |
| 16× 24 | 16 | 29 | 36 | 42 | 45 | 125 | 15.6 | 180 | 120 | 3 | M 6×18 | 16 | 52 | 41 | 36 | 34 | 32 | 31 | 250 | 6.55 |
| 17× 26 | 18 | 31 | 38 | 44 | 47 | 177 | 20.0 | 202 | 122 | 4 | M 6×18 | 16 | 63 | 47 | 41 | 38 | 36 | 35 | 280 | 7.92 |
| 18× 26 | 18 | 31 | 38 | 44 | 47 | 180 | 20.0 | 191 | 132 | 4 | M 6×18 | 16 | 63 | 47 | 41 | 38 | 36 | 35 | 270 | 7.85 |
| 19× 27 | 18 | 31 | 38 | 44 | 49 | 190 | 20.0 | 181 | 127 | 4 | M 6×18 | 16 | 62 | 48 | 42 | 39 | 37 | 35 | 290 | 9.24 |
| 20× 28 | 18 | 31 | 38 | 44 | 50 | 200 | 20.0 | 171 | 122 | 4 | M 6×18 | 16 | 61 | 48 | 43 | 40 | 38 | 36 | 300 | 10 |
| 22× 32 | 25 | 38 | 45 | 51 | 54 | 220 | 20.0 | 112 | 77 | 4 | M 6×18 | 16 | 50 | 44 | 42 | 40 | 39 | 38 | 385 | 15 |
| 24× 34 | 25 | 38 | 45 | 51 | 56 | 250 | 20.0 | 104 | 73 | 4 | M 6×18 | 16 | 52 | 46 | 44 | 42 | 41 | 40 | 405 | 17 |
| 25× 34 | 25 | 38 | 45 | 51 | 56 | 260 | 20.0 | 100 | 73 | 4 | M 6×18 | 16 | 52 | 46 | 44 | 42 | 41 | 40 | 390 | 17 |
| 28× 39 | 25 | 38 | 45 | 51 | 61 | 430 | 30.7 | 133 | 95 | 6 | M 6×18 | 16 | 69 | 59 | 54 | 51 | 49 | 48 | 475 | 24 |
| 30× 41 | 25 | 38 | 45 | 51 | 62 | 460 | 30.7 | 123 | 90 | 6 | M 6×18 | 16 | 70 | 60 | 58 | 53 | 51 | 50 | 480 | 26 |
| 32× 43 | 25 | 38 | 45 | 51 | 65 | 500 | 30.7 | 116 | 86 | 6 | M 6×18 | 16 | 71 | 62 | 58 | 55 | 53 | 52 | 520 | 31 |
| 35× 47 | 32 | 45 | 52 | 58 | 69 | 720 | 41.5 | 111 | 82 | 8 | M 6×18 | 16 | 76 | 67 | 62 | 59 | 57 | 56 | 630 | 41 |
| 38× 50 | 32 | 45 | 52 | 58 | 72 | 790 | 41.5 | 102 | 77 | 8 | M 6×18 | 16 | 78 | 69 | 65 | 62 | 60 | 59 | 670 | 49 |
| 40× 53 | 32 | 45 | 52 | 58 | 75 | 830 | 41.5 | 97 | 73 | 8 | M 6×18 | 16 | 80 | 72 | 68 | 65 | 63 | 62 | 735 | 58 |
| 42× 55 | 32 | 45 | 52 | 58 | 78 | 870 | 41.5 | 92 | 70 | 8 | M 6×18 | 16 | 82 | 74 | 70 | 67 | 65 | 64 | 780 | 68 |
| 45× 59 | 45 | 62 | 70 | 78 | 86 | 1,680 | 74.0 | 111 | 84 | 8 | M 8×22 | 39 | 96 | 84 | 78 | 75 | 72 | 70 | 1,230 | 125 |
| 48× 62 | 45 | 62 | 70 | 78 | 87 | 1,800 | 74.0 | 104 | 80 | 8 | M 8×22 | 39 | 98 | 87 | 81 | 77 | 75 | 73 | 1,240 | 133 |
| 50× 65 | 45 | 62 | 70 | 78 | 92 | 1,870 | 74.0 | 99 | 76 | 8 | M 8×22 | 39 | 100 | 89 | 84 | 80 | 78 | 76 | 1,400 | 167 |
| 55× 71 | 55 | 72 | 80 | 88 | 98 | 2,320 | 84.0 | 83 | 64 | 9 | M 8×22 | 39 | 102 | 93 | 88 | 85 | 83 | 81 | 1,700 | 229 |
| 60× 77 | 55 | 72 | 80 | 88 | 104 | 2,530 | 84.0 | 76 | 59 | 9 | M 8×22 | 39 | 107 | 98 | 94 | 91 | 89 | 87 | 1,950 | 295 |
| 65× 84 | 55 | 72 | 80 | 88 | 111 | 2,740 | 84.0 | 70 | 54 | 9 | M 8×22 | 39 | 113 | 105 | 101 | 98 | 96 | 94 | 2,200 | 394 |
| 70× 90 | 65 | 86 | 96 | 106 | 119 | 4,790 | 136 | 89 | 69 | 9 | M10×25 | 79 | 133 | 120 | 113 | 109 | 106 | 104 | 3,050 | 631 |
| 75× 95 | 65 | 86 | 96 | 106 | 126 | 5,130 | 136 | 84 | 66 | 9 | M10×25 | 79 | 138 | 125 | 118 | 114 | 111 | 109 | 3,300 | 776 |
| 80×100 | 65 | 86 | 96 | 106 | 131 | 7,300 | 182 | 104 | 83 | 12 | M10×25 | 79 | 161 | 142 | 132 | 126 | 122 | 119 | 3,500 | 902 |
| 85×106 | 65 | 86 | 96 | 106 | 137 | 7,750 | 182 | 99 | 79 | 12 | M10×25 | 79 | 167 | 148 | 138 | 132 | 128 | 125 | 3,800 | 1,088 |
| 90×112 | 65 | 86 | 96 | 106 | 144 | 8,210 | 182 | 93 | 74 | 12 | M10×25 | 79 | 170 | 152 | 143 | 137 | 133 | 130 | 4,200 | 1,330 |
| 95×120 | 65 | 86 | 96 | 106 | 149 | 10,100 | 212 | 103 | 81 | 14 | M10×25 | 79 | 191 | 168 | 157 | 150 | 145 | 142 | 4,750 | 1,614 |
| 100×125 | 65 | 86 | 96 | 106 | 154 | 13,600 | 272 | 125 | 100 | 18 | M10×25 | 79 | 227 | 191 | 175 | 165 | 158 | 154 | 4,880 | 1,827 |
| 110×140 | 90 | 114 | 128 | 140 | 180 | 14,500 | 263 | 81 | 63 | 12 | M12×30 | 138 | 199 | 182 | 172 | 166 | 162 | 159 | 8,950 | 4,295 |
| 120×155 | 90 | 114 | 128 | 140 | 198 | 15,900 | 265 | 74 | 57 | 12 | M12×30 | 138 | 236 | 196 | 187 | 181 | 177 | 174 | 11,500 | 6,459 |
| 130×165 | 90 | 114 | 128 | 140 | 208 | 23,000 | 353 | 91 | 71 | 16 | M12×30 | 138 | 246 | 221 | 208 | 200 | 195 | 191 | 12,100 | 7,930 |

● 伝達トルク、スラスト力は最大値です。
● ボス外径(K)の最小値は安全率を含んでおりません。安全率を見込んで下さい。