# CAMRiSE Series Compact Cam for Piercing - Long Stroke -
# CA-L46

## Outline drawing/Product specifications



■ Rear Extraction Space



🕮 When installing in the mold, ensure sufficient rear extraction space.

θ00°～10° case



θ15°～80° case
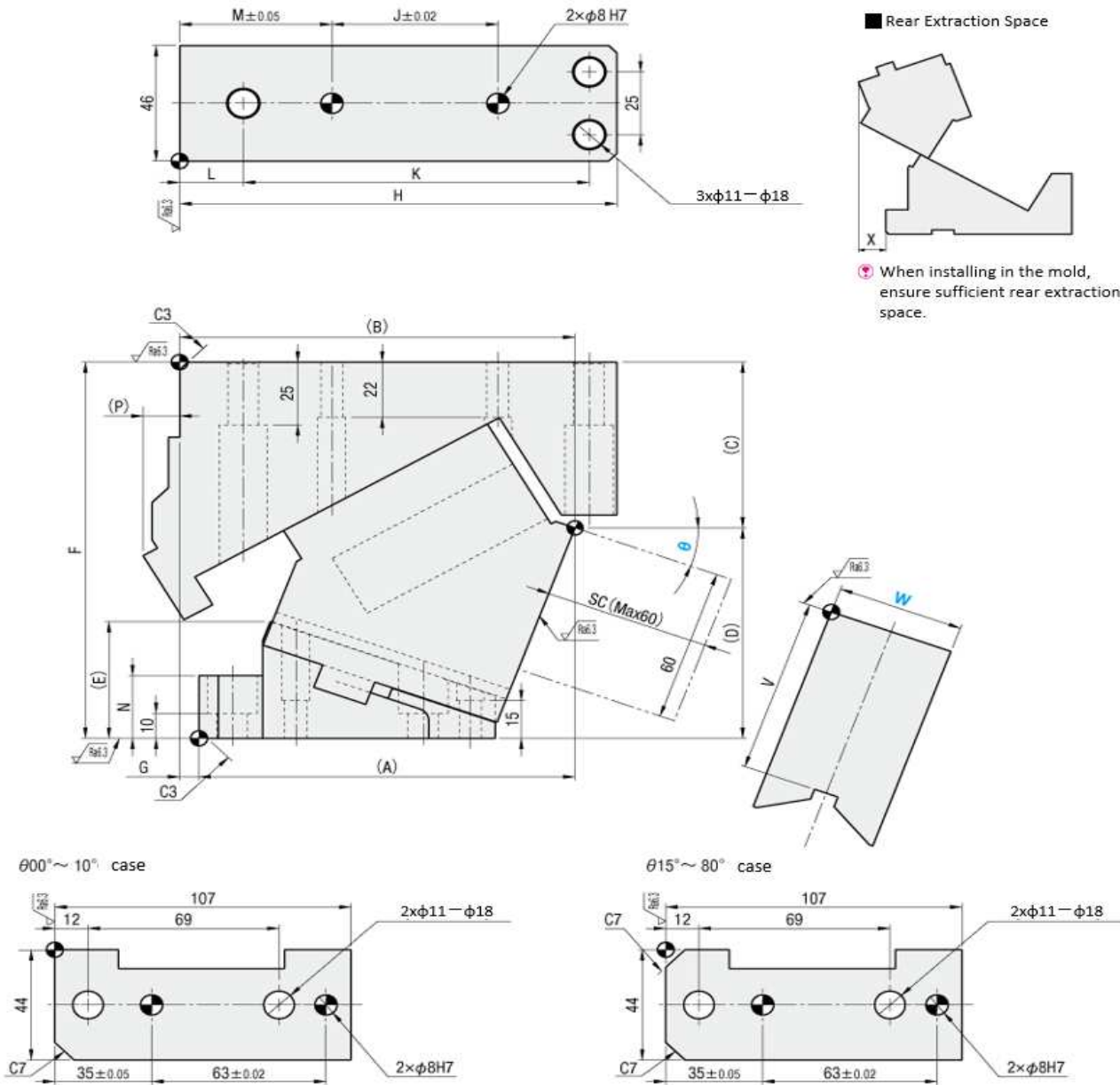


| W | θ | (A) | (B) | (C) | (D) | (E) | F | G | H | J | K | L | M | N | (P) | V | X (ISO) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | 00 | 112.00 | 138.00 | 53.00 | 97.00 | 24.2 | | 26 | 153 | | | 13 | 45 | 12 | 10.4 | | 28.6 |
| | 05 | 118.89 | 140.89 | 56.44 | 93.56 | 29.0 | | 22 | 157 | | 130 | 17 | 49 | 15 | 11.8 | | 34.0 |
| | 10 | 124.66 | 142.66 | 59.77 | 90.23 | 34.4 | | 18 | 160 | | | 20 | 52 | 20 | 12.2 | | 38.2 |
| | 15 | 130.31 | 143.31 | 62.99 | 87.01 | 40.7 | | 13 | 157 | | | 22 | 54 | | 13.0 | | 46.6 |
| | 20 | 135.87 | 142.87 | 66.09 | 83.91 | 46.3 | | 7 | | 60 | | | 55 | | 14.4 | | 55.3 |
| | 25 | 142.34 | 142.34 | 69.06 | 80.94 | 53.0 | 150 | 0 | 158 | | 125 | 23 | 58 | 25 | 14.5 | 68.5 | 62.5 |
| | 30 | 147.72 | 140.72 | 71.89 | 78.11 | 60.6 | | -7 | | | | | | | | | 70.1 |
| | 35 | 151.04 | 147.04 | 74.58 | 75.42 | 67.9 | | -4 | 165 | | | | 68 | | 5.3 | | 68.1 |
| | 40 | 156.31 | 145.31 | 78.12 | 71.88 | 74.6 | | -11 | | | | 30 | | | 3.0 | | 71.7 |
| | 45 | 160.54 | 137.54 | 81.51 | 68.49 | 82.1 | | -23 | 160 | 55 | 120 | | 71 | 30 | 6.5 | | 80.6 |
| | 50 | 163.73 | 133.73 | 88.74 | 61.26 | 84.9 | | -30 | | | | | | | 4.0 | | 83.9 |

| Stroke S | Working Force kN (tonf) | | | Coil Spring | | | Total weight Kg | Cam slider weight Kg | Tool mounting weight Kg | Model | W | θ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Standard (1Million times) | Conditional (1Million times) | Max. (300,000 times) | Initial load N (kgf) | Final load N (kgf) | Model | | | | | | |
| 28.9 | | | | 108 (11.0) | | | | | | | | 00 |
| 30.5 | | | | 154 (15.7) | 1140 (116) | TJM25X139 | 5.6 | | 2.0 | | | 05 |
| 31.1 | | | | 222 (22.7) | | | | | | | | 10 |
| 32.2 | | | | 118 (12.1) | | | 5.5 | | 2.1 | | | 15 |
| 34.1 | | | | 144 (14.6) | | | | | | | | 20 |
| 36.0 | 14.7 (1.5) | 22.1 (2.2) | 29.4 (3.0) | 169 (17.2) | | | 5.4 | 2.0 | 2.2 | CA-L | 46 | 25 |
| 38.0 | | | | 194 (19.8) | 1075 (110) | TJM25X127 | | | 2.3 | | | 30 |
| 40.1 | | | | 219 (22.4) | | | 5.3 | | 2.4 | | | 35 |
| 42.4 | | | | 244 (24.9) | | | | | 2.6 | | | 40 |
| 46.5 | | | | | | | | | 2.8 | | | 45 |
| 49.8 | | | | 269 (27.5) | | | 5.4 | | 3.3 | | | 50 |

| Alteration | Code | Spec. |
|---|---|---|
|  | SC | Forward movement of mount surface 1≦SC≦60 increment 1 mm |