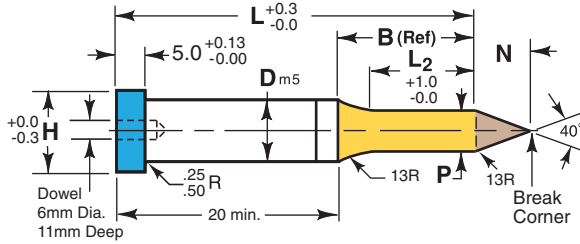


Center Dowel Angular Pilot-CDSAP Type



B & L Lengths do not include Pilot Tip N

Steel: M2 Rc 60-63
Heads Rc 40-55 (25 mm ø and smaller)

TOLERANCES

Round P $\begin{matrix} +0.01 \\ -0.00 \end{matrix}$ © 0.01 P to D

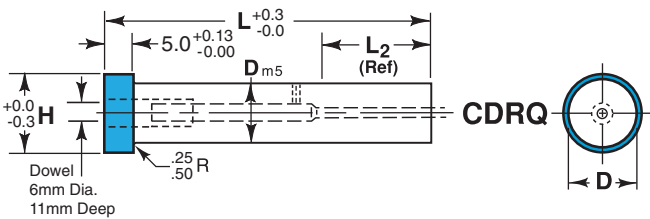
Manufactured to ISO and NAPMA standards where applicable.

Ordering Example: Qty Steel Type Code L2/L x P
25 M2 CDSAP 013 2165 x 12.00

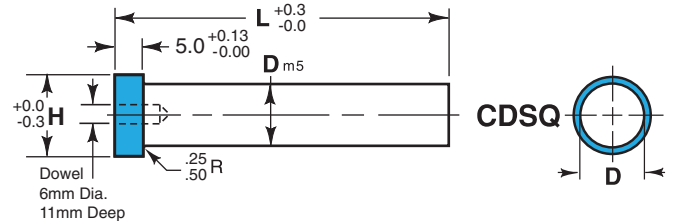
| Shank | | Head H mm | Point Length L2 | | Standard Lengths L | | | | | | | | Standard Point Range | N Nose Length | |
|-------|-------------|-----------|-----------------|-----|--------------------|----|----|----|-----|-----|-----|-----|----------------------|---------------|-----|
| D mm | Catalog No. | | Std | Alt | 65 | 73 | 82 | 92 | 102 | 112 | 127 | 132 | | | 142 |
| 10 | CDSAP10 | 13 | 21 | 27 | • | • | • | • | • | • | • | | | 4.85 – 10.00 | 8 |
| 13 | CDSAP13 | 16 | 21 | 27 | • | • | • | • | • | • | • | • | • | 6.30 – 13.00 | 10 |
| 16 | CDSAP16 | 19 | 21 | 27 | | • | • | • | • | • | • | • | • | 9.95 – 16.00 | 15 |
| 20 | CDSAP20 | 23 | 21 | 27 | | • | • | • | • | • | • | • | • | 13.60 – 20.00 | 20 |
| 25 | CDSAP25 | 28 | 21 | 27 | | • | • | • | • | • | • | • | • | 17.25 – 25.00 | 25 |
| 32 | CDSAP32 | 35 | 27 | 32 | | • | • | • | • | • | | | | 20.85 – 32.00 | 30 |

All Lengths 110 mm and under OAL in Light Blue Panel have Hot Forged Heads for added strength and toughness.

• Available D2 only RC 60-63



Ordering Example: Qty Steel Type Code L2/L
25 M2 CDRQ 025 1990



Ordering Example: Qty Steel Type Code L
12 M2 CDSQ 032 100

| Shank | | Head H mm | Point Length L2 | | Lengths L | | | | Replacement Retrakto Kit* |
|-------|----------|-----------|-----------------|-----|-----------|----|----|-----|---------------------------|
| D mm | Code No. | | Std | Alt | 71 | 80 | 90 | 100 | |
| 10 | 010 | 13 | 19 | 25 | • | • | • | • | K6M |
| 13 | 013 | 16 | 19 | 25 | • | • | • | • | K6M |
| 16 | 016 | 19 | 19 | 25 | • | • | • | • | K9M |
| 20 | 020 | 23 | 19 | 25 | • | • | • | • | K9M |
| 25 | 025 | 28 | 19 | 25 | • | • | • | • | K9M |
| 32 | 032 | 35 | 25 | 30 | • | • | • | • | K9M |

*Retrakto Kits available see Page 36 for details. 32mm Ø =no side hole.

All Lengths in Light Blue Panel have Hot Forged Heads for added strength and toughness.

Standard Alterations are changes that are beyond the ranges listed in the catalog that can be altered for a minimal charge. See page 37.