

Common cavities and tooling

RE 18325-70/07.12
Replaces: RE 18325-70/02.10

2-way

3-way / 3-way short

4-way

Summary

| Description | Page | Description | Page |
|----------------------------------|------|----------------------------|------|
| Common cavity 2-way | | Common cavity 3-way | |
| CA-08A-2N | 2 | CA-08A-3N | 4 |
| CA-10A-2N | 2 | CA-10A-3N | 4 |
| CA-12A-2N | 2 | CA-12A-3N | 4 |
| CA-16A-2N | 2 | CA-16A-3N | 4 |
| CA-20A-2N | 2 | CA-20A-3N | 4 |
| Tools | 2 | Tools | 4 |
| Common cavity 3-way short | | Common cavity 4-way | |
| CA-08A-3C | 3 | CA-08A-4N | 5 |
| CA-10A-3C | 3 | CA-10A-4N | 5 |
| CA-12A-3C | 3 | CA-12A-4N | 5 |
| CA-16A-3C | 3 | CA-16A-4N | 5 |
| CA-20A-3C | 3 | CA-20A-4N | 5 |
| Tools | 3 | Tools | 5 |

Common cavities - Tools
4-way

1 mm = 0.03937 in
1 in = 25.4 mm

| FOUR WAY | | CA-08A-4N | CA-10A-4N | CA-12A-4N | CA-16A-4N | CA-20A-4N |
|--|------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <p>General tolerance : ± 0.012 (0.3 mm)</p> <p> </p> | A | 3/4-16 UNF-2B | 7/8-14 UNF-2B | 1-1/16 12 UN-2B | 1-5/16 12 UN-2B | 1-5/8 12 UN-2B |
| | B | 26 | 30 | 35 | 42 | 48 |
| | C | 20.6 ^{+0.1} ₋₀ | 23.9 ^{+0.1} ₋₀ | 29.2 ^{+0.1} ₋₀ | 35.5 ^{+0.1} ₋₀ | 43.5 ^{+0.1} ₋₀ |
| | D1 | 15.87 ^{+0.05} ₋₀ | 19.05 ^{+0.05} ₋₀ | 23.80 ^{+0.05} ₋₀ | 28.60 ^{+0.05} ₋₀ | 36.52 ^{+0.05} ₋₀ |
| | D2 | 14.27 ^{-0.05} ₋₀ | 17.47 ^{+0.05} ₋₀ | 22.22 ^{-0.05} ₋₀ | 27.00 ^{-0.05} ₋₀ | 33.35 ^{+0.05} ₋₀ |
| | D3 | 12.70 ^{+0.05} ₋₀ | 15.87 ^{+0.05} ₋₀ | 20.62 ^{+0.05} ₋₀ | 25.42 ^{+0.05} ₋₀ | 31.75 ^{+0.05} ₋₀ |
| | E | 2.6 ^{+0.3} ₋₀ | 2.6 ^{+0.3} ₋₀ | 3.3 ^{+0.3} ₋₀ | 3.3 ^{+0.3} ₋₀ | 3.4 ^{+0.3} ₋₀ |
| | F | 13 | 15 | 19 | 20 | 22 |
| | G | 6 | 8 | 14 | 16 | 25 |
| | G1 | 12 | 15 | 19 | 24 | 30 |
| | H1 | 15 | 18 | 28 | 25 | 32 |
| | H2 | 29 | 34 | 53 | 53.5 | 72 |
| | H3 | 43 | 50 | 78 | 82 | 114 |
| | L1 | 19.5 | 23.5 | 36.5 | 35.5 | 46 |
| L2 | 33.5 | 39.5 | 61.5 | 64 | 87 | |
| L3 | 47.5 | 55.5 | 87.5 | 92.5 | 128.5 | |
| L4 | 56 | 64.5 | 99 | 104 | 142 | |
| M | - | - | - | - | - | |
| M1 | - | - | - | - | - | |
| M2 | - | - | - | - | - | |

| TOOLS (ALUMINIUM/STEEL *) | ORDERING CODE | | | | |
|------------------------------|---------------|-------------|-------------|-------------|-------------|
| <p>DRILL</p> | Ø G1 | Ø G1 | Ø G1 | Ø G1 | Ø G1 |
| <p>FORM DRILL</p> | P-CA-08A-4N | P-CA-10A-4N | P-CA-12A-4N | P-CA-16A-4N | P-CA-20A-4N |
| <p>FORM REAMER</p> | A-CA-08A-4N | A-CA-10A-4N | A-CA-12A-4N | A-CA-16A-4N | A-CA-20A-4N |
| <p>PLUG TAP</p> | M-CA-08A | M-CA-10A | M-CA-12A | M-CA-16A | M-CA-20A |

* NOTE: tools only suitable for small series production.