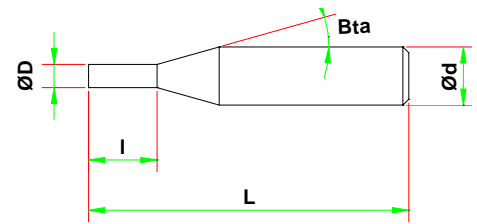


Size Dia 0.2 - 12.0 mm
Flutes 2



C-CHES



4 flute types for each dia. (length of cut = outside dia. x 2, x 2.5, x 3, and x 4)

Oil mist / Airblow coolant recommended

Applicable Work Materials

(MS = Most Suitable S = Suitable)

| Work Materials | | | | | | | | | | |
|----------------|--------------|--------------------|-----------------|-------|-------|-----------|-----------------|----------|--------|---------|
| Carbon Steels | Alloy Steels | Prehardened Steels | Hardened Steels | | | Cast Iron | Aluminium Alloy | Graphite | Copper | Plastic |
| | | | 55HRC | 60HRC | 65HRC | | | | | |
| MS | MS | MS | MS | | | S | | | S | |

units = mm

| Union Tool Part Number | Diameter | Flute Length | Shank Taper Angle | Overall Length | Shank Diameter | Price |
|------------------------|----------|--------------|-------------------|----------------|----------------|-------|
| | D | I | Bta | L | d | |
| C-CHES 2002-0040 | 0.2 | 0.4 | 16° | 45 | 4 | |
| C-CHES 2002-0050 | | 0.5 | | | | |
| C-CHES 2002-0060 | | 0.6 | | | | |
| C-CHES 2002-0080 | | 0.8 | | | | |
| C-CHES 2003-0060 | 0.3 | 0.6 | 16° | 45 | 4 | |
| C-CHES 2003-0075 | | 0.75 | | | | |
| C-CHES 2003-0090 | | 0.9 | | | | |
| C-CHES 2003-0120 | | 1.2 | | | | |
| C-CHES 2004-0080 | 0.4 | 0.8 | 16° | 45 | 4 | |
| C-CHES 2004-0100 | | 1.0 | | | | |
| C-CHES 2004-0120 | | 1.2 | | | | |
| C-CHES 2004-0160 | | 1.6 | | | | |
| C-CHES 2005-0100 | 0.5 | 1.0 | 16° | 45 | 4 | |
| C-CHES 2005-0125 | | 1.25 | | | | |
| C-CHES 2005-0150 | | 1.5 | | | | |
| C-CHES 2005-0200 | | 2.0 | | | | |
| C-CHES 2006-0120 | 0.6 | 1.2 | 16° | 45 | 4 | |
| C-CHES 2006-0150 | | 1.5 | | | | |
| C-CHES 2006-0180 | | 1.8 | | | | |
| C-CHES 2006-0240 | | 2.4 | | | | |
| C-CHES 2007-0140 | 0.7 | 1.4 | 16° | 45 | 4 | |
| C-CHES 2007-0175 | | 1.75 | | | | |
| C-CHES 2007-0210 | | 2.1 | | | | |
| C-CHES 2007-0280 | | 2.8 | | | | |
| C-CHES 2008-0160 | 0.8 | 1.6 | 16° | 45 | 4 | |
| C-CHES 2008-0200 | | 2.0 | | | | |
| C-CHES 2008-0240 | | 2.4 | | | | |
| C-CHES 2008-0320 | | 3.2 | | | | |
| C-CHES 2009-0180 | 0.9 | 1.8 | 16° | 45 | 4 | |
| C-CHES 2009-0225 | | 2.25 | | | | |
| C-CHES 2009-0270 | | 2.7 | | | | |
| C-CHES 2009-0360 | | 3.6 | | | | |
| C-CHES 2010-0200 | 1.0 | 2.0 | 16° | 45 | 4 | |
| C-CHES 2010-0250 | | 2.5 | | | | |
| C-CHES 2010-0300 | | 3.0 | | | | |
| C-CHES 2010-0400 | | 4.0 | | | | |

| Union Tool Part Number | Diameter | Flute Length | Shank Taper Angle | Overall Length | Shank Diameter | Price |
|------------------------|----------|--------------|-------------------|----------------|----------------|-------|
| | D | L | Bta | L | d | |
| C-CHES 2012-0240 | 1.2 | 2.4 | 16° | 45 | 4 | |
| C-CHES 2012-0300 | | 3.0 | | | | |
| C-CHES 2012-0360 | | 3.6 | | | | |
| C-CHES 2012-0480 | | 4.8 | | | | |
| C-CHES 2015-0300 | 1.5 | 3.0 | 16° | 45 | 4 | |
| C-CHES 2015-0375 | | 3.75 | | | | |
| C-CHES 2015-0450 | | 4.5 | | | | |
| C-CHES 2015-0600 | | 6.0 | | | | |
| C-CHES 2018-0360 | 1.8 | 3.6 | 16° | 45 | 4 | |
| C-CHES 2018-0450 | | 4.5 | | | | |
| C-CHES 2018-0540 | | 5.4 | | | | |
| C-CHES 2018-0720 | | 7.2 | | | | |
| C-CHES 2020-0400 | 2.0 | 4.0 | 16° | 45 | 4 | |
| C-CHES 2020-0500 | | 5.0 | | | | |
| C-CHES 2020-0600 | | 6.0 | | | | |
| C-CHES 2020-0800 | | 8.0 | | | | |
| C-CHES 2025-0500 | 2.5 | 5.0 | 16° | 45 | 4 | |
| C-CHES 2025-0625 | | 6.25 | | | | |
| C-CHES 2025-0750 | | 7.5 | | | | |
| C-CHES 2025-1000 | | 10.0 | | 50 | | |
| C-CHES 2030-0600 | 3.0 | 6.0 | 16° | 45 | 6 | |
| C-CHES 2030-0750 | | 7.5 | | | | |
| C-CHES 2030-0900 | | 9.0 | | | | |
| C-CHES 2030-1200 | | 12.0 | | 50 | | |
| C-CHES 2040-0800 | 4.0 | 8.0 | 16° | 45 | 6 | |
| C-CHES 2040-1000 | | 10.0 | | | | |
| C-CHES 2040-1200 | | 12.0 | | | | |
| C-CHES 2040-1600 | | 16.0 | | 60 | | |
| C-CHES 2050-1000 | 5.0 | 10.0 | 16° | 50 | 6 | |
| C-CHES 2050-1250 | | 12.5 | | | | |
| C-CHES 2050-1500 | | 15.0 | | | | |
| C-CHES 2050-2000 | | 20.0 | | 60 | | |
| C-CHES 2060-1200 | 6.0 | 12.0 | - | 50 | 6 | |
| C-CHES 2060-1500 | | 15.0 | | | | |
| C-CHES 2060-1800 | | 18.0 | | | | |
| C-CHES 2060-2400 | | 24.0 | | 60 | | |
| C-CHES 2080-1600 | 8.0 | 16.0 | - | 60 | 8 | |
| C-CHES 2080-2000 | | 20.0 | | | | |
| C-CHES 2080-2400 | | 24.0 | | | | |
| C-CHES 2080-3200 | | 32.0 | | 80 | | |
| C-CHES 2100-2000 | 10.0 | 20.0 | - | 70 | 10 | |
| C-CHES 2100-2500 | | 25.0 | | | | |
| C-CHES 2100-3000 | | 30.0 | | 80 | | |
| C-CHES 2100-4000 | | 40.0 | | 90 | | |
| C-CHES 2120-2400 | 12.0 | 24.0 | - | 75 | 12 | |
| C-CHES 2120-3000 | | 30.0 | | | | |
| C-CHES 2120-3600 | | 36.0 | | 90 | | |
| C-CHES 2120-4800 | | 48.0 | | 100 | | |