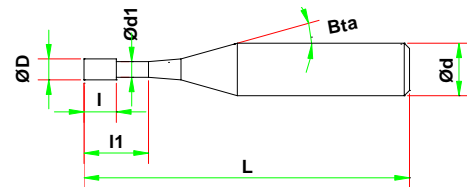


Size Dia 0.1 - 2.5 mm
Flutes 2



C-CHM



Long neck square type for high speed and harder steel milling, best suited for deep rib milling

Oil mist / Airblow coolant recommended

Applicable Work Materials

6 mm shank for greater rigidity
(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						

units = mm

Union Tool Part Number	Diameter	Effective Length	Flute Length	Neck Diameter	Shank Taper Angle	Overall Length	Shank Diameter	Price
	D	I ₁	I	d ₁	Bta	L	d	
C-CHM 2001-003	0.1	0.3	0.3	-	15°	50	6	
C-CHM 2002-005	0.2	0.5	0.5	-	15°	50	6	
C-CHM 2003-008	0.3	0.8	0.8	-	15°	50	6	
C-CHM 2003-015		1.5	0.5	0.28				
C-CHM 2004-010	0.4	1.0	0.6	0.38	15°	50	6	
C-CHM 2004-020		2.0						
C-CHM 2005-013	0.5	1.3	0.8	0.48	15°	50	6	
C-CHM 2005-025		2.5						
C-CHM 2006-015	0.6	1.5	0.9	0.58	15°	50	6	
C-CHM 2006-030		3.0						
C-CHM 2007-018	0.7	1.8	1.1	0.68	15°	50	6	
C-CHM 2007-035		3.5						
C-CHM 2008-020	0.8	2.0	1.2	0.78	15°	50	6	
C-CHM 2008-040		4.0						
C-CHM 2009-023	0.9	2.3	1.4	0.88	15°	50	6	
C-CHM 2009-045		4.5						
C-CHM 2010-025	1.0	2.5	1.5	0.95	18.5°	50	6	
C-CHM 2010-050		5.0						
C-CHM 2011-028	1.1	2.8	1.7	1.04	18.5°	50	6	
C-CHM 2011-055		5.5						
C-CHM 2012-030	1.2	3.0	1.8	1.14	18.5°	50	6	
C-CHM 2012-060		6.0						
C-CHM 2013-033	1.3	3.3	2.0	1.24	18.5°	50	6	
C-CHM 2013-065		6.5						
C-CHM 2014-035	1.4	3.5	2.1	1.34	18°	50	6	
C-CHM 2014-070		7.0						
C-CHM 2015-038	1.5	3.8	2.3	1.44	18°	50	6	
C-CHM 2015-075		7.5						
C-CHM 2016-040	1.6	4.0	2.4	1.51	18°	50	6	
C-CHM 2016-080		8.0						
C-CHM 2017-043	1.7	4.3	2.6	1.61	17.5°	50	6	
C-CHM 2017-085		8.5						
C-CHM 2018-045	1.8	4.5	2.7	1.71	17.5°	50	6	
C-CHM 2018-090		9.0						

Union Tool Part Number	Diameter	Effective Length	Flute Length	Neck Diameter	Shank Taper Angle	Overall Length	Shank Diameter	Price
	D	l_f	l	d₁	B_{ta}	L	d	
C-CHM 2019-048	1.9	4.8	2.9	1.81	17.5°	50	6	
C-CHM 2019-095		9.5						
C-CHM 2020-050	2.0	5.0	3.0	1.91	17°	50	6	
C-CHM 2020-100		10.0				60		
C-CHM 2021-053	2.1	5.3	3.2	2.01	17°	50	6	
C-CHM 2021-105		10.5				60		
C-CHM 2022-055	2.2	5.5	3.3	2.11	16.5°	50	6	
C-CHM 2022-110		11.0				60		
C-CHM 2023-058	2.3	5.8	3.5	2.21	16.5°	50	6	
C-CHM 2023-115		11.5				60		
C-CHM 2024-060	2.4	6.0	3.6	2.31	16.5°	50	6	
C-CHM 2024-120		12.0				60		
C-CHM 2025-063	2.5	6.3	3.8	2.41	16°	50	6	
C-CHM 2025-125		12.5				60		