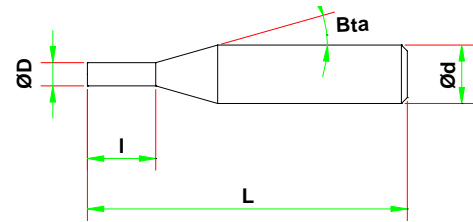




Size Dia 1.0 - 12.0 mm
Flutes 4

CZS



High Vertical feedrates

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	S			S	S		S	

4 flutes

units = mm

Union Tool Part Number	Diameter	Flute Length	Shank Taper Angle	Overall Length	Shank Diameter	Price £stl	Price Euro
	D	I	Bta	L	d		
CZS 4010-0150	1.0	1.5	16°	50	4		
CZS 4010-0250		2.5					
CZS 4015-0225	1.5	2.25	16°	50	4		
CZS 4015-0400		4.0					
CZS 4020-0300	2.0	3.0	16°	50	4		
CZS 4020-0600		6.0					
CZS 4025-0375	2.5	3.75	16°	50	4		
CZS 4025-0800		8.0					
CZS 4030-0450	3.0	4.5	16°	60	6		
CZS 4030-0800		8.0					
CZS 4035-1000	3.5	10.0	16°	60	6		
CZS 4040-060	4.0	6.0	16°	60	6		
CZS 4040-1100		11.0					
CZS 4045-1100	4.5	11.0	16°	60	6		
CZS 4050-0750	5.0	7.5	16°	60	6		
CZS 4050-1300		13.0					
CZS 4055-1300	5.5	13.0	16°	60	6		
CZS 4060-0900	6.0	9.0	-	60	6		
CZS 4060-1300		13.0					
CZS 4060-1800		18.0					
CZS 4065-1600	6.5	16.0	16°	70	8		
CZS 4070-1050	7.0	10.5	16°	70	8		
CZS 4070-1600		16.0					
CZS 4070-2100		21.0					
CZS 4075-1600	7.5	16.0	16°	70	8		
CSZ 4080-1200	8.0	12.0	-	70	8		
CZS 4080-1900		19.0					
CZS 4080-2400		24.0					
CZS 4085-1900	8.5	19.0	16°	80	10		
CZS 4090-1350	9.0	13.5	16°	80	10		
CZS 4090-1900		19.0					
CZS 4090-2700		27.0					
CZS 4095-1900	9.5	19.0	16°	80	10		

Union Tool Part Number	Diameter	Flute Length	Shank Taper Angle	Overall Length	Shank Diameter	Price £stl	Price Euro
	D	I	Bta	L	d		
CZS 4100-1500	10.0	15.0	-	80	10		
CZS 4100-2200		22.0					
CZS 4100-3000		30.0					
CZS 4105-2200	10.5	22.0	16°	100	12		
CZS 4110-1650	11.0	16.5	16°	100	12		
CZS 4110-2200		22.0					
CZS 4110-3300		33.0					
CZS 4115-2200	11.5	22.0	16°	100	12		
CZS 4120-1800	12.0	18.0	-	100	12		
CZS 4120-2600		26.0					
CZS 4120-3600		36.0					