

Cermet grade CTF34T for metal saw tips



CERATIZIT is a high-tech engineering group specialized in tooling and hard material technologies.

Tooling the Future.

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Long service life and easy handling

Take advantage now of our new cermet grade CTF34T for metal sawing. Your benefits: **10% longer service life** compared with common grades available on the market. **Save time and costs** as CTF34T saw tips can now be **ground and brazed even more easily than before**.

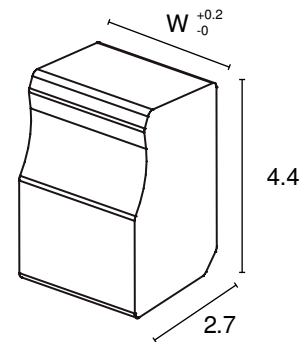
Made to measure for your application

With the new cermet grade CTF34T you can saw a wide variety of **steel alloys** precisely and reliably:

- ▲ Constructional steel (GCr15, SUJ2, SCr420)
- ▲ Carbon steel (100CrMnSi6, 20Cr, 1055, SUJ2, 4320H, SCM420)
- ▲ Tool steel (100Cr6)
- ▲ Mould steel (S2Si)

Available geometries

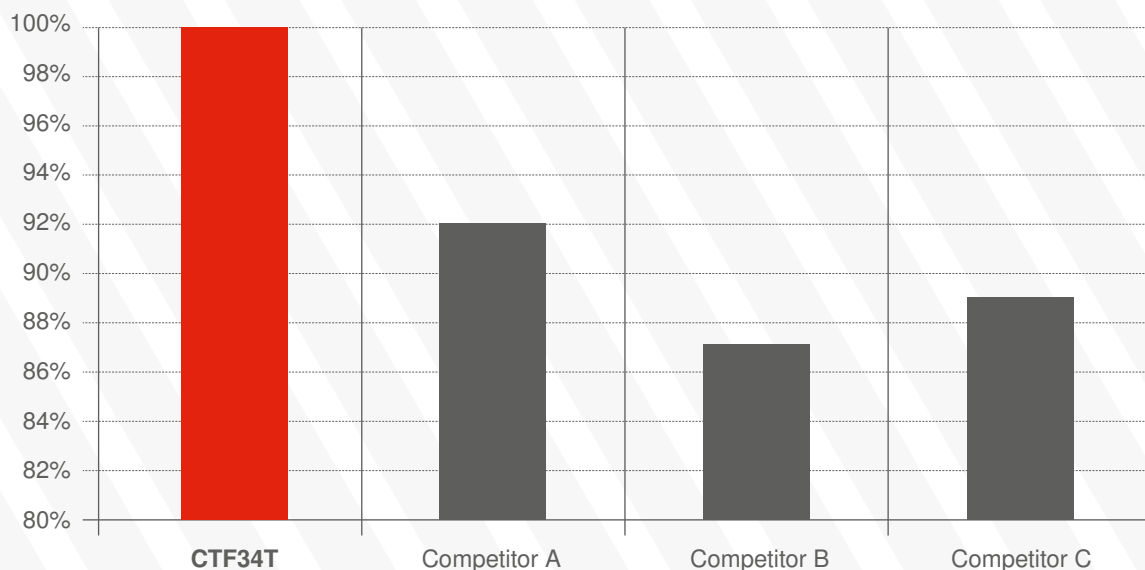
Saw tips in the new cermet grade are obtainable with geometry 50661 (see drawing); other designs are available on request.



Technical specifications:

Main constituent	Density [g/cm ³]	Hardness		Fracture toughness (SEVNB) [MPa*m ^{1/2}]	Transverse rupture strength [MPa]
		(HV10)	(HRA)		
TiCN+NbC	6.4	1490	91.0	10.0	1960

Competitor comparison:



The new cermet grade CTF34T can show longer service life as compared with competing products.