



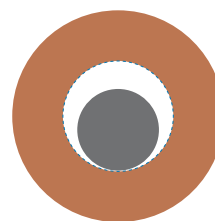
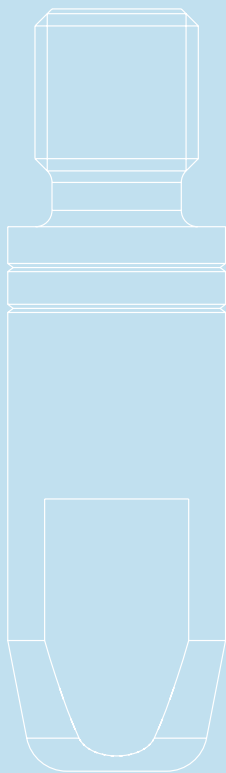
TBI StarTip Longlife contact tips

Innovative pentagonal cross section

Extremely wear resistant composite material

Significant increase of tip life

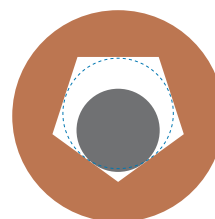
Recommended for all kinds of mechanised welding



Reference cross section: 100%

Regular round cross section

- Allows for 1 contact area with the wire
- Reference cross section of 100%

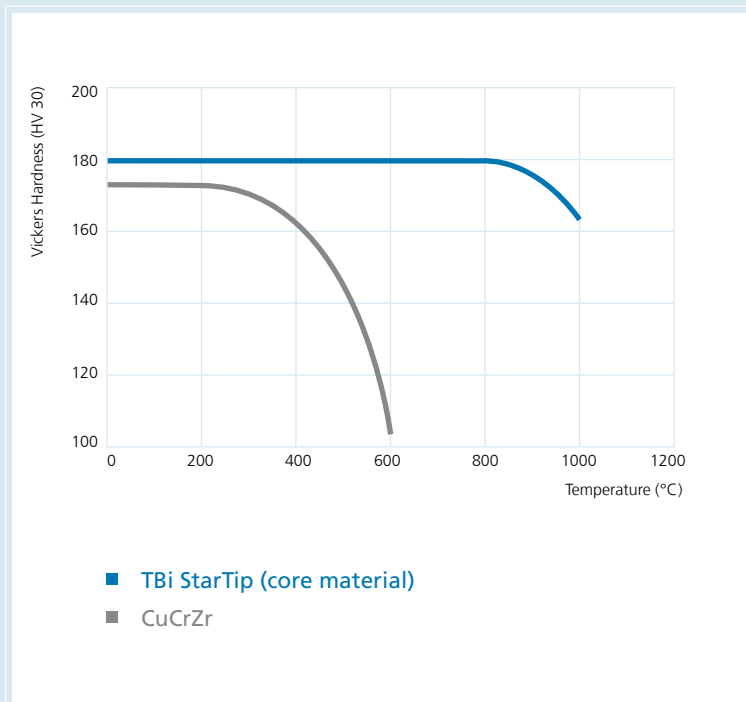


Increased cross section: 115%

TBI StarTip pentagonal cross section

- Better ignition and welding properties through 2 contact areas with the wire
- The increased cross section of 115% keeps the bore significantly longer open and clean of dirt particles, therefore avoiding early jamming of the wire

Hardness reduction after heating for 1 hour



The material

The TBi StarTip is produced of a specialized compound material with a very wear-resistant core and an outer layer of highly electrically conductive copper. The technical properties are therefore a combination of the advantages of the two individual materials, without the disadvantages encountered when using only one material. This innovative material shows – notably at higher temperatures – a much higher strength in the core material than the commonly used copper-chrome-zirconium alloy.

The cost reductions

Depending on the application, the TBi StarTip offers a much higher tip life, which typically amounts to a multiple of conventional contact tips. The workplace productivity in automated and manual welding can be instantly increased through reduction of maintenance time.

Specially recommended for:

- Frequent start/stop cycles
- Automated and robotic welding
- High performance welding
- Use of Al-, CuSi-, and CrNi-wires

Ordering information TBi StarTip

Wire-diameter	Dimensions		
	M6	M8	M10
0.8 mm			
1.0 mm	344P086069	344P086262	-
1.2 mm	344P106069	344P106262	344P106402
1.6 mm	344P126069	344P126262	344P126402
1.6 mm	-	344P166262	344P166402