



Pro cathodes with thread coating for easy and reliable welding production with InFocus:

- Optimum heat transfer between torch and wear part
- Long cathode life
- Damage of the torches is prevented
- Seizing of the threads in case of overheating is prevented
- Individual geometry of the cathode tip suits your application
- Thermal paste no longer required

New Cathodes for High-Performance TIG Torches InFocus 500 and InFocus 1000

The TIG welding process InFocus has a highly concentrated, extremely stable and powerful arc. As the resulting thermal load on the parts is high, an optimised cooling up to the cathode tip serves as protection. In case of standard cathodes, the heat transfer is supported by a thermal paste which also prevents the thread from seizing. Forgetting to apply the thermal paste or a serious misapplication during the change of consumables could lead to unwanted effects, i. e. considerable reduction of the cathode lifetime, damages to the torch or irregularities of the weld seam.

Coating Protects Torch and Process

With the new cathodes these effects are from now on excluded. A high-performance coating makes it possible to use the cathodes without the previously necessary thermal paste, thus making the change of the consumables easier. Further, the costs for avoidable cathode wear, unnecessary torch repairs or re-work can be reduced. What remains unchanged is the optimum heat transfer between cathode and torch cooling and the protection of the threads. The result is the well-proven, stable and highly concentrated InFocus arc for reproducible welding results.

Technical Data

Torch InFocus 500			
	IF51 pro	.17.227.200.505.2	pointed, for maximum concentration
	IF52 pro	.17.227.200.500.2	slightly rounded, for concentrated attachment point with optimised wear
Torch InFocus 1000			
	IF01 pro	.17.215.811.510.2	pointed, for maximum concentration and small to medium amperages
	IF02 pro	.17.215.811.515.2	slightly rounded, for maximum attachment point with optimized wear
	IF03 pro	.17.215.811.511.2	rounded, for a stable attachment point with optimised wear
	IF04 pro	.17.215.811.500.2	plateau, for a stable attachment point with optimised wear
	IF05 pro	.17.215.811.516.2	plateau, for a stable attachment point with optimised wear and high amperages
	IF06 pro	.17.215.811.517.2	strongly rounded, for soft but stable arc with optimised wear and high amperages
	IF07 pro	.17.215.811.518.2	pointed, for maximum concentration and high amperages
	IF08 pro	.17.215.811.520.2	rounded, for stable arc attachment with reduced wear and high currents



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