

New product

FC Tip enable unmanned operation

Heat

breakthrough



Photo courtesy: Kutsuwa

【 K company, customer evaluation 】

Std.

FC-ZM1245

FC-ZM1240



Welding condition

Current 370A Gas P-MAG Wire YM-55AG Welding speed 180 mm/min

Conventional tip D company, CuCrZr 1.6 hour /pcs Welding length 2,000*8 layers mm/pcs

FC-ZM1440 153 hours/pcs Welding length 192,000*8 layers mm/pcs

conventional comparison 96 times

※ Tip life changes depending on welding conditions. Confirmation in each condition is required.

Exceeds ultra-high temperature range (500A or more)

【 Company KY, Customer Evaluation】

Welding condition

Current : 180~320A Gas : P-MAG Wire : SM-70 (copper plating) Welding speed : 250 mm/min

Water cooling torch Use rate about 70% (3.2m / 20min20W30 weaving included)

Welding time/Work 120 mins

Conventional tip D companay crome copper

Welding length/Work 30,160 mm 2.0 hour/pcs

FC-ZM1240

Welding length/pcs 1,378 m 96 hours/pcs

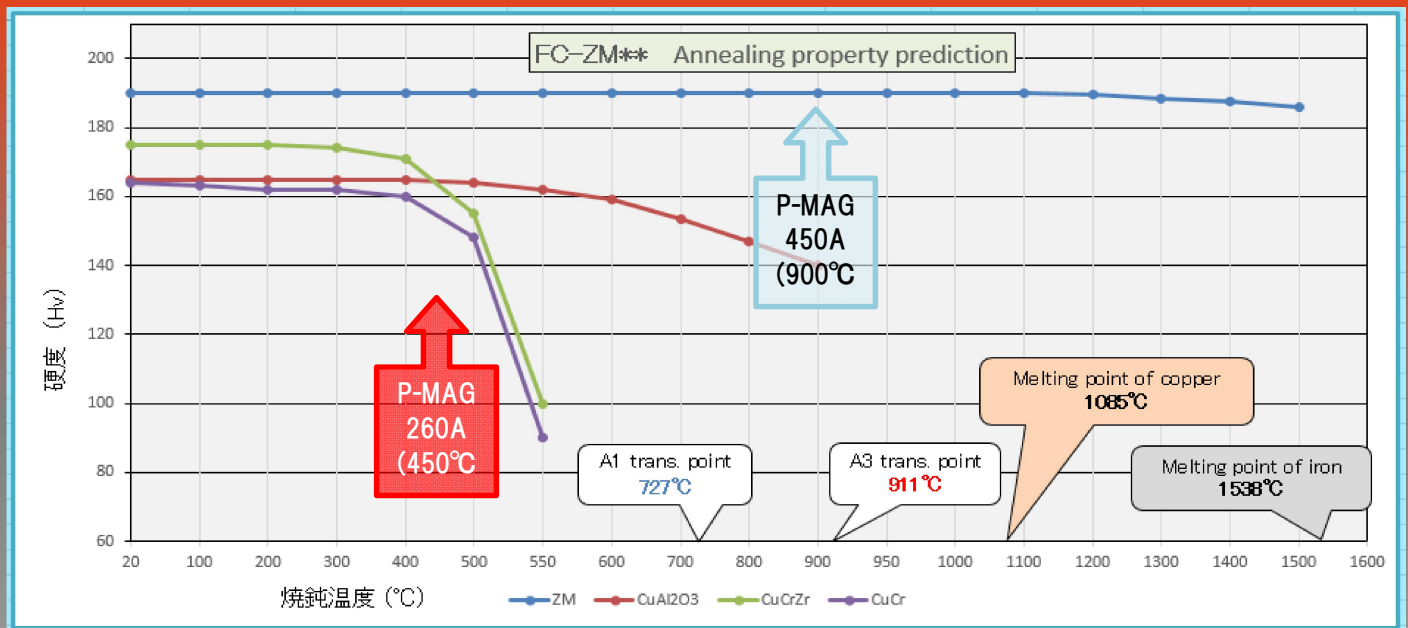
Conventional comparison 48 times

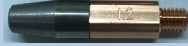
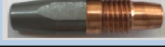
(About 1 month : Suspended for investigation)

《 Worker's surprise impression》
No tip replacement for 1 month ?
What is happening !!
I have never seen such a tip !



□ FC-ZM's extraordinary level of super heat resistance



Type	Wire Dia	inch	T read dia/pich	Remarks	Photo
FC-ZM1 245	Φ1.2	0.045	M6/P=1.0	Standard	
FC-ZM1 240	Φ1.2	0.045	M6/P=1.0	Standard	
FC-TZ1 233	Φ1.2	0.045	5/16-24UNF	Contract	
FC-TZ1 633	Φ1.6	0.063	5/16-24UNF	Contract	

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【 Patent pending 】

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● The contents of this are subject to change without notice. ※ November 1st, 2019. Made in Japan