

NEW For Middle ~ High current
Improved inner diameter mirror surface
by utilizing plating skill
FX-HV1245 FX-HV1240

【 Customer evaluation 】 《 Target work: Construction machinery cabin 》

Welding conditions

Current 130~280A Voltage 19~30V Gas P-MAG Wire SM-70 (Copper plating)

Welding speed 35~75 cm/min Water cooling torch

Conventional tip CuCr 2.3 hours/tip Welding length 84 m/tip 42,000 mm/work

※ Since the tip life changes depending on the welding conditions, it is necessary to check in each condition.

Improved product
 (hardness HV750 Reduced feeding resistance)



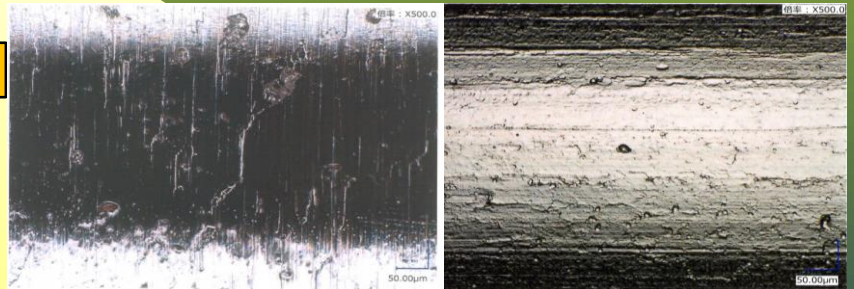
☆ High-precision plating skill and lubrication

- ・ Grately improved abrasion resistance
- ・ High current heat resistance is also OK

☆ High accuracy of hole diameter inner surface roughness(x500 times)

Copper plating wire (Hardness HV250)

General product (Hardness HV170)



Wire feeding direction ← Greatly affects the initial abrasion gradient

【Left photo : conventional product】 【Right photo : Improved product】



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