



BLADES AND HOLDERS

For Electrode Dressing Systems

Copperhead higher precision blades are available for all electrode profiles and machine brands and conform to ISO and RWMA standards.

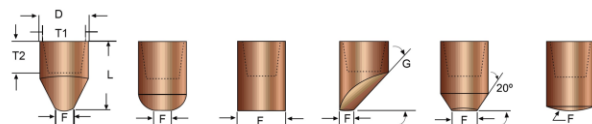


Copperhead blades are manufactured based on patented blade technology to ensure constant dressing characteristics, while minimizing material loss and restoring the electrode to optimum welding standards.

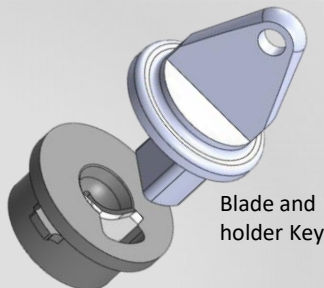
Multilayered coating structure

- Coating Hardness Hv 2300 – 2600
- Coating Thickness (μm) 35
- Max. temp ($^{\circ}\text{C}$) 600
- Co-efficient of friction (dry) vs Steel 0.4

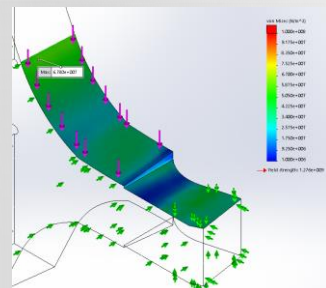
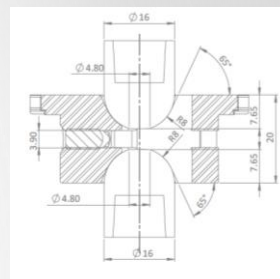
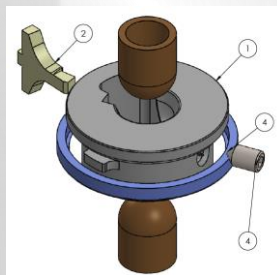
- Blade manufacturing technology is patent protected for reliable performance
- Bayonet design offers industry flexibility and rigid construction for stable performance and ease of access.
- Single body design reduces the number of components for efficient operation and maintenance
- Holders are available for competitive dressing systems
- Blade substrate is a HSS (High Strength Steel), hard metal complex made of various alloys including carbide and carbon.
- Proprietary coating technology enhances the wear properties, extending blade life compared to other TIN Gold coatings. The coating is superior for copper alloy machining with greater resistance of chips/debris sticking to the cutting blade edge during operation, improved temperature dissipation to the chips and improved dry machining capabilities.
- Blade mounting is protected and less vulnerable to damage than competitive product
- Reduced spare parts with blades that are interchangeable with various holder configurations for all machines in the manufacturing operation.
- Savings result in higher overall life cycle and fewer inventory turns.
- Accessories: Use a Dresser Removal Key to easily remove the Blade and Holder.



RWMA	A	B	C	D	E	F
ISO	G	F1	C	D	B	A
JAPAN		D	F	E	P	R



Blade and holder Key



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