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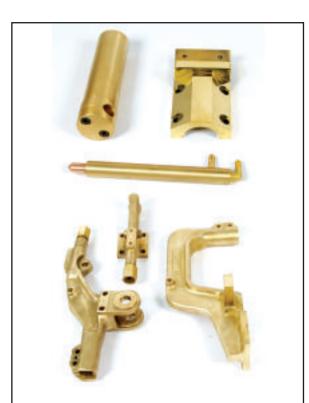
KICKLESS CABLES, JUMPER CABLES & SHUNTS



- Alternate polarity.
- Low reactance.
- Forged electrolytic copper terminals.
- Balanced positive and negative water cooling distribution.



- Low electrical resistance.
- Low impedance.
- Reduced operator fatigue.
- Reduced heat generation.
- Longer working life.



BSBM Machined Items and Gun Arm Castings

TYPICAL PHYSICAL AND MECHANICAL PROPERTIES OF SEAM ALLOYS

	တ္က	ALLOY			TYPICAL PROPERTIES						_
- Contract	KWIMA CIass			Composition %	Hardness [Rockwell]	Electrical Conductivity % IACS	Ultimate tensile strength kg / mm²	Elongation %	Annealing temp. 0°C	TYPICAL USAGE	
	1	SEAMLLOY - 1	Drawn Bars	Zr - 0.15 Cu - Rest	70 - 78 B	90	40 - 45	12 - 18	525	Spot and Seam welding aluminium magnesium (alloys) coated metals and	1
			Forgings		68 - 75 B	90	40 - 45	12 - 18	525 ^{\(\)} (hot rolled steel	ľ
		SEAMLLOY - 3	Drawn Bars	Cr - 0.6 - 1.2 Cu - Rest	70 - 80 B	80 - 85	45 - 55	10 - 15	500	Spot and Seam welding of cold and hot rolled steel,	
	2		Forgings		70 - 80 B	80 - 85	40 - 50	15 - 25	500	current carrying shafts and arms, backup bars for	
			Castings		68 - 75 B	80 - 85	34 - 44	15 - 20	500	arc welding	
2		SEAMLLOY - 4	Drawn Bars	Cr - 0.6 - 1.0 Zr - 0.02 - 0.15	76 - 85 B	75 - 85	45 55	10-15	550		
	2			Cu - Rest		_				Similar to SEAMLLOY - 3, Electrodes where good	
	_		Forgings		72 - 80 B	75 - 85	40 \ 50	15 - 25	550	cooling is not available	
			Castings		70 - 80 B	75 - 85	34-44	15 - 20	550		
	3	SEAMLLOY - 100	Bars & Forgings	Be.: Free	92 - 102 B	40 - 45	55 - 65	10 - 15	525	Similar to SEAMLLOY - 100 Be	
			Castings	Proprietary	90 - 100 B	40 - 45	55 - 65	10 - 15	525	SEAWILLOT - TOO Be	
	3	SEAMLLOY 100 BE	Bars, Forgings & Castings	Be - 0.2 - 0.6 Ni - 1.4 - 2.2 Cu - Rest	92 - 102 B	45 -60	75 - 85	10 - 25	550	Spot and Seam welding Stainless Steel and high temp. heat resisting alloys requiring high weld forces, projection welding electrodes and dies	
	4	SEAMLLOY - 73	Bars, Forgings & Castings	Be - 1.8 - 2.2 Ni/Co - 0.3% Cu - Rest	32 - 35 C	20 - 23	110 - 130	3 - 10	375	Flash welding dies, springs, components for electrical and electronic industry requiring spring action and good conductivity	
		COPPER	Bars, Forgings & Castings		40 B	100	20 - 24	35 - 50	200	Bus bars, Kickless cable lugs, electrical contacts transformers, secondaries	
		ALUMINIUM Please ask for separate catalogue.									0507

SEAM reserves the right to change specifications and appearance without prior notice. ${\color{blue} {\mathfrak O}}$

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ISO 9001







SEAM

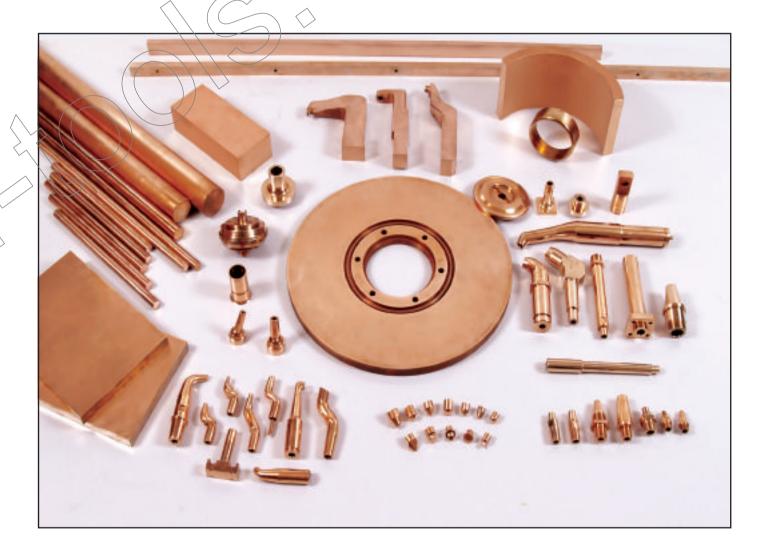


RESISTANCE WELDING PRODUCTS

• CAP TIPS • STRAIGHT ELECTRODES • SINGLE BEND ELECTRODES

● DOUBLE BEND ELECTRODES ● SHANKS ● HOLDERS ● SPECIAL HOLDERS ● SEAM WELDING WHEELS

● FLATS & RODS ● SHUNTS ● KICKLESS CABLES ● GUN ARMS ● ACCESSORIES



Continuously serving Resistance Welding Industry since more than 2 decades, SEAM is an industry leader in development, engineering and manufacture of variety of products.

In addition to electrodes, holders, seam welding wheels, forgings, castings, guns, electrode materials, SEAM offers diversity of special metals for resistance welding applications like Tungsten Copper and Molybdenum tipped electrodes.

SEAM resistance welding products are so engineered to provide most effective materials commercially available to achieve best quality welds.

Experienced SEAM team will provide best possible help in the design and production of standards or special electrodes for your application to ensure maximum efficiency.



Cap tips



Projection Welding Platen



Projection Welding Electrodes



Electrodes, Shanks and holders



Holders



Mercury Filled Rolls



Threaded Adaptors



Seam Welding Wheels



Swivel Head / Swing Head Electrodes



Cast Gun Arms
Class 3 Alloy, Be Cu



Round Gun Arms Class 3 Alloy, Be Cu

SEAM - NASH has its own most modern non-ferrous foundry where each and every Gun arm is processed under strict quality checks. Every SEAM - NASH Guns casting is internally cooled with water tubes which extend through the entire length of current path. These water tubes are cast in place and are accessible from both sides of Gun.

Material Characteristics

