EURO CUTARC P

DC COPPER COATED POINTED GOUGINH RODS.

A STANDARD Gouging Electrodes with lower conductivity can supply you an excellent performance for metal cutting, grooving and boring.

EURO CUTARC P electrodes are designed specifically for the air carbon arc metal removal process which melts metal with an electric arc, then blows it away with a jet of ordinary shop compressed air. This electrode contain a precisely formulated blend of carbon and graphite that produces the most efficient metal removal performance. They offer excellent arc stability, superior metal removal rates, uniform diameter and clean slag, free grooves or cuts.

They gouge, cut, bevel, pierce or flush off any metal including stainless steel, carbon steel, manganese steel, chrome-moly alloys, gray, malable and ductile iron, copper, aluminium, magnesium and nickel alloys – fast precisely and economically.

FEATURES:

1. Excellent Arc stability.
2. Superior Metal Removal Rate
3. Uniform Diameter
4. Clean Machine like Grooves or cuts.
5. Greater overall economy

APPLICATIONS:

1. Machining U grooves for weld joint preparation
2. Removing defective welds
3. Cleaning and repairing metal castings
4. Removing hard surface metal to facilitate repair
5. Cutting non ferrous and other hard to cut metals
6. Rough machining.

TO EMPLOY THE PROCESS YOU NEED

1. A.D.C. power source
2. A gouging torch
3. EURO CUTARC P gouging electrodes
4. Compressed air (5.6 to 7Kg/cm^2)

PROCESS DESCRIPTION:

The air carbon arc process involves

1. The striking of an arc between the metal workpiece and a gouging electrode
2. The melting of metal through use of the arc and
3. Removal of the molten metal with compressed air that flows parallel to the electode (air and current flow to the torch through a special coaxial hose)

TECHNICAL INFORMATION:

Electrode Size in dia(mm)	**6**	**7**	**8**	**9**	**10**	**12**	**16**
Minimum – Amps	300	350	400	450	500	750	1000
Maximum – Amps	350	400	450	500	550	850	1200

CURRENT SELECTION GUIDE CHART	
Current	Indication
Correct	Copper Layer on electrode burns back approx 20mm max
Too Low	Slow cutting and splittering arc.
Too High	Over rapid burning of copper layer on electrode

EURO CUTARC J

DC COPPER COATED JOINTED GOUGINH RODS.

Designed for Automatic Gouging Torches. Has Male and female Parts and can be used continuously without stub loss.

EURO CUTARC J electrodes are designed specifically for the air carbon arc metal removal process which melts metal with an electric arc, then blows it away with a jet of ordinary shop compressed air. This electrode contain a precisely formulated blend of carbon and graphite that produces the most efficient metal removal performance. They offer excellent arc stability, superior metal removal rates, uniform diameter and clean slag, free grooves or cuts.

They gouge, cut, bevel, pierce or flush off any metal including stainless steel, carbon steel, manganese steel, chrome-moly alloys, gray, malable and ductile iron, copper, aluminium, magnesium and nickel alloys – fast precisely and economically.

FEATURES:

1. Excellent Arc stability.
2. Superior Metal Removal Rate
3. Uniform Diameter
4. Clean Machine like Grooves or cuts.
5. Greater overall economy

APPLICATIONS:

1. Machining U grooves for weld joint preparation
2. Removing defective welds
3. Cleaning and repairing metal castings
4. Removing hard surface metal to facilitate repair
5. Cutting non ferrous and other hard to cut metals
6. Rough machining.

TO EMPLOY THE PROCESS YOU NEED

1. A.D.C. power source
2. An Automatic gouging torch
3. EURO CUTARC J gouging electrodes
4. Compressed air (5.6 to 7Kg/cm^2)

PROCESS DESCRIPTION:

The air carbon arc process involves

1. The striking of an arc between the metal workpiece and a gouging electrode
2. The melting of metal through use of the arc and
3. Removal of the molten metal with compressed air that flows parallel to the electode (air and current flow to the torch through a special coaxial hose)

TECHNICAL INFORMATION:

Electrode Size in dia(mm)	**6.5**	**8**	**9**	**10**	**12**	**16**
Minimum – Amps	450	500	550	600	700	1000
Maximum – Amps	500	550	600	650	800	1200

CURRENT SELECTION GUIDE CHART	
Current	Indication
Correct	Copper Layer on electrode burns back approx 20mm max
Too Low	Slow cutting and splittering arc.
Too High	Over rapid burning of copper layer on electrode