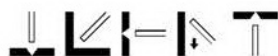


Description

ES Gouging is designed for gouging, cutting and piercing mild and alloyed steel, cast iron and non-ferrous metals, with the exception of pure copper, using standard welding equipment. The electrode can be used in a wide variety of applications, such as beveling, the preparation of cracked areas before welding and the back-gouging of root runs.

Current

AC, DC- OCV 70 V



Procedure

The arc is struck with the electrode perpendicular to the workpiece, after which the electrode is pointed in the direction of travel at an angle of about 15-20°C and pushed forward.

Gouging speed 100-150 cm/minute depending on the depth of the groove. Deep grooves can be made by repeated gouging.

Welding can follow without further preparation, but, when gouging in stainless steel, a thin layer with increased carbon content is obtained and it should be removed by grinding.

When using ES Gouging indoors, it is necessary to have very good ventilation or fume extraction.

Welding parameters

Diameter, mm	Length, mm	Welding current, A	Arc voltage, V
2.5	350	100-120	43
3.2	350	130-180	43
4.0	350	170-230	48
5.0	450	230-300	48