DURMAT FD 295HY

CLASSIFICATION:

Spezial alloy with high content of Cobal Chrome and Manganese

GENERAL CHARACTERISTICS AND APPLICATIONS:

The deposit of DURMAT FD 295 HY is a stainless material with special alloys. The austenitic deposit is resistant against corrosion, erosion and cavitation and has a high resistance to hot cracking. The deposit has a much longer lifetime than other used conventional alloys like Stellite, 13Cr - 4 Ni or martensitic Chrome- steels. Typical applications are coatings on parts with cavitation and erosion wear like water-turbines or hydraulic or gas system components.

TYPICAL ALL WELD METAL ANALYSIS (%):

С	Si	Mn	Cr	Co	N
0,15 - 0,25	< 3,0	9 – 11	18 - 20	9 - 11	+

TYPICAL MECANICAL PROPERTIES:

As welded hardness:	280 - 300 HB	
Work hardened:	bis 450 HB	

PARAMETER:

Dia.	Volt	Ampere
1,2	18 - 24	140 - 240
1,6	20 - 26	160 - 270
2,0	22 - 26	220 - 280
2,4	24 - 27	260 - 340
2,8	25 - 28	320 - 400

FORMS OF DELIVERY:

Coil "BS 300" = 15 kg	Coil "B 450" = 25 kg	Pay off pack = 250 kg
CON DO 500 15 Kg	25 kg	1 dy off pack 250 kg

Please observe all appropriate safety regulations in force. The technical information given in this data sheet reflects the present state of knowledge. They do not form part of any sales contract as guaranteed properties of the delivered materials. Our delivery and sales conditions apply to all contracts included.

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