



CEWELD SP 1.4370

TYPE High Manganese alloyed stainless steel wire. Excellent wearing qualities and good corrosion resistance

APPLICATIONS Recommended for applications where high corrosion resistance and relatively low wear protection are required. SP 1.4370 is good for general machine element work including hydraulic rams, rolls and for applications in the food industry.

PROPERTIES Coatings of SP 1.4370 exhibit low shrink and are recommend for internal diameters, particularly where thick coatings are needed. Using the combustion wire spray process, SP 1.4370 coatings can be sprayed thicker than SP 1.4316 coatings, but not as thick as SP 420-B coatings.

CLASSIFICATION EN ISO 14919: 5.12
W.Nr. 1.4370

SUITABLE FOR Metals spray wire with good corrosion resistance and low shrink factor, recommended for inside diameters.

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	Cr	Ni
0.2	7	19	8.5

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				300 HB

REDRYING Not required

GAS ACC. EN ISO 14175



CEWELD SP 1.4370

SP 1.4370 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663410054

SP 1.4370 2,4MM

Packaging	KG/unit	EanCode
BS-300	15	8720663410061