

# 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** No Approvals Found

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

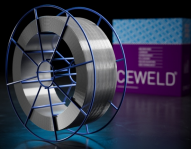
Si	Mn	Cr	Ni
0.2	7	19	8.5

**ALL WELD MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A5 (%)	Hardness Brinell Hardness
As Welded /1h				Avg. 300

**REDRYING TEMPERATURE** Not required

**GAS ACCORDING EN 14175**



# CEWELD SP 1.4370

SP 1.4370 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663410054

SP 1.4370 2,4MM

Type	KG/unit	EANCode
BS-300	15	8720663410061