

# CEWELD SP 1.4122

**TYPE** Solid thermal spray wire containing 17% Chromium

**APPLICATIONS** Stainless steel shafts, Valves, Clutch surfaces from trucks, Pistons, Bearings, Fan blades etc.

**PROPERTIES** Solid spray wire that combines high toughness with very good corrosion resistance, shiny coating with a little higher hardness than SP 1.4115. The spray deposit cannot be machined with normal cutting tools, grinding is possible. Hardness approximately 50 HRc

**CLASSIFICATION** EN ISO 14919: 5.16  
W.Nr. 1.4122

**SUITABLE FOR** Flame spray, electric spray and high speed flame spray.

**APPROVALS**

**WELDING POSITIONS**



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

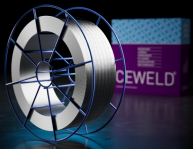
Si	Mn	Cr	Fe	C	Ni	Mo
0.9	1	16.5	Rem.	0.35	0.9	1

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				50 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175**



# CEWELD SP 1.4122

SP 1.4122 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409898

SP 1.4122 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409904
BS-300	15	8720663409911