



# CEWELD SP 1.4302

**TYPE** Stainless steel alloy exceeding AISI 304 for corrosion protection layers.

**APPLICATIONS** Recommended for applications where corrosion resistance and relatively low wear protection is required. CEWELD® SP 1.4302 is good for general machine element work including hydraulic rams, rolls and for applications in the food industry.

**PROPERTIES** Coatings of CEWELD® SP 1.4302 exhibit good corrosion resistance against organic and non-oxidizing liquids and are recommend for internal and external diameters. Using the combustion wire spray process, CEWELD® SP 1.4302 should be sprayed thinner than CEWELD® SP 1.4370 and CEWELD® SP 420 coatings.

**CLASSIFICATION** EN ISO 14919: 5.10  
W.Nr. 1.4302

**SUITABLE FOR** Corrosion protection in food environments, paper rollers etc.

**APPROVALS**

**WELDING POSITIONS**



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

C	Si	Mn	Cr	Ni
0.02	1	1	19	9.5

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				210 HB

**REDRYING** Not required

**GAS ACC. EN ISO 14175**



# CEWELD SP 1.4302

SP 1.4302 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409829

SP 1.4302 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663409836