





TYPE Solid 17% Cr. welding wire for hardfacing / cladding

APPLICATIONS Stainles steel shafts, steam valves, clutch surfaces from trucks, pistons, bearings, fan blades etc.

PROPERTIES Solid welding wire that combines high hardness with very good corrosion resistance, shiny weld

deposit with a little higher hardness than 1.4115. The weld deposit cannot be machined with normal cutting tools, grinding is possible. Hardness approximately 45 HRc. The deposit can be tempered.

CLASSIFICATION AWS A 5.9: ~ER 430

EN ISO 14343-A: G 13 4

W.Nr. ~ 1.4015

F-nr 5 FM 4

SUITABLE FOR 1.4016, 1.4511

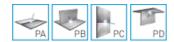
X6Cr17, X3CrNb17 UNS S43000

AISI 430 Cast steels, hardfacing pumps, shafts, seats, steam valves etc. Surfacing: unalloyed and low-alloyed

steels.

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER

METAL (%)

С	Mn	Si	Cr	Ni	Мо
0.4	0.7	0.5	17	0.5	1.1

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	550	750	12	45 HRc

REDRYING Not required

GAS ACC. EN ISO 14175 M11, M13, M12