ZANDER W-4115

Alternatively available:

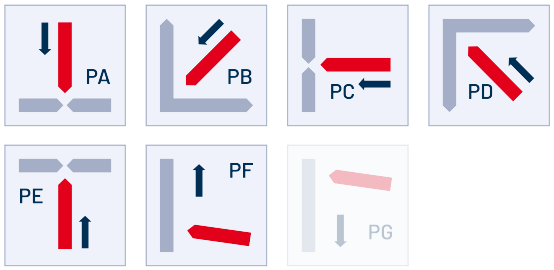
ZANDER 4115 Fe | ZANDER S-4115

DIN EN 14700:	**S Fe 7 - 200-cpt**
EN 12072:	**WZ 17 1**
Material No.:	**1.4115**

INDICATIVE ANALYSIS [%]

C	Si	Mn	Cr	Ni	Mo	Fe
0,21	**0,60**	**0,50**	**17,00**	**0,50**	**1,00**	**balance**

WELDING POSITIONS



PROPERTIES:

(heat treatment: 720°C / 8h; indicative values at RT)

Tensile strength Rm	**700 [MPa]**
hardness	**200 [HB 30]**
Yield strength ReH/Rp0,2	**650 [MPa]**
hardness (ungegluht)	**42 - 47 [HRC]**
Elongation (L=5d)	**15 [%]**

DIMENSIONS

Ø [mm]	Length [mm]
1,0	1000
1,2	1000
1,6	1000
2,0	1000
2,4	1000

SHIELDING GAS (EN ISO 14175) I1

CURRENT TYPE =(-)

APPLICATIONS / FEATURES:

welding rod for TIG hardfacing and joining welds on similar or comparable stainless Cr-steels and grades of cast steel.

For operating temperatures up to 450°C.

FIELDS OF APPLICATION:

Suitable for base materials such as: 1.4122 ((G)X 35 CrMo 17).

Suitable for heat- and wear-resistant hardfacing welds on: rollers, rolls and gripper tongs.

Suitable for sealing-surface deposits on: gas, water and steam valves/fittings.

capilla Schweißmaterialien GmbH reserves the right to amend the presented information and values as a result of the ongoing development of the product. The information on mechanical and technological properties always relates exclusively to the weld metal. Approval of suitability for a particular purpose always requires an express written agreement. The revision number indicates the state of knowledge at the time. All information is not legally binding.