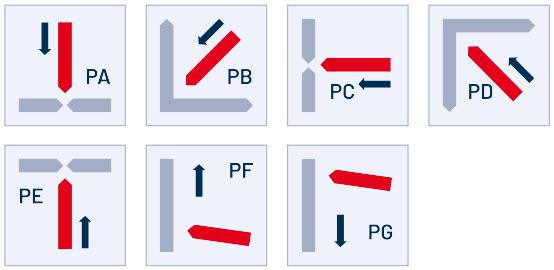
ZANDER W-650

EN 14700:	**S Fe 3-60-st**
DIN 8555:	**WSG 3-GZ-60 ST**
Material No.:	**1.2606**

INDICATIVE ANALYSIS [%]

C	Si	Mn	Cr	Mo	W	V	Fe
0,35	**1,10**	**0,40**	**5,50**	**1,20**	**1,30**	**0,25**	**balance**

WELDING POSITIONS



PROPERTIES:

(without heat treatment; indicative values at room temperature)

hardness	**57 - 69 [HRC]**
As-welded condition	

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 heat-resistant, tough TIG hardfacing welds on similar or comparable hot-work steels and low-alloy and unalloyed steels.

Very good resistance to thermal shock.

For operating temperatures up to 500°C.

FIELDS OF APPLICATION:

Suitable for repair and production welding as well as new manufacture and refurbishment, such as:

Hot-cutting tools, forging dies, press mandrels, roll mandrels, dies, upsetting tools, press punches, press dies.

Continuous-casting rolls, hot shear blades, die-casting moulds, dies, etc.

Occasionally also for hardfacing of construction-machinery parts.

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