



NARVA5 A (ESR)

Forged Tool Steel

Chemical composition

	C	Cr	Mo	W	Co	V
NARVA5 A	0.65	5.0	1.1	-	-	0.4
NARVA5 B	0.75	5.5	1.2	-	-	0.5

Standards:

Werkstoff 1.2362

Properties

	Hardness HRC	Young's modulus GPa
NARVA5 A	≤ 61	210
NARVA5 B	≤ 62	210

Comparative properties

	Wear resistance	Toughness	Grindability
NARVA5 A	—	—	—
NARVA5 B	—	—	—

Description

5% chromium vacuum degassed tool steel manufactured according to Union Electric Åkers specification.

NARVA5 A is normally through hardened but can for some special applications be induction hardened.

NARVA5 A is also available further refined by ESR (Electro Slag Remelting).

Applications

1st Intermediate rolls in 20-high mills for cold rolling of ferrous and non ferrous products.

2nd Intermediate rolls in 20-high mills for cold rolling of ferrous and non ferrous products.

Features & Benefits

- Standard grade widely used in cluster mill intermediate roll applications.
- Easy to grind.
- Good wear resistance and toughness.