



NARVA12 A (ESR)

Forged Tool Steel

Chemical composition

	C	Cr	Mo	W	V
NARVA12 A	1.5	11.5	0.8	-	1.0
NARVA12 B	2.0	13.0	-	1.2	-

Standards: AISI D2
Werkstoff 1.2379

Properties

	Hardness HRC	Density g/cm ³	Young's modulus GPa
NARVA12 A	≤ 62	7.7	210
NARVA12 B	≤ 63	7.7	210

Comparative properties

	Wear resistance	Toughness	Grindability
NARVA12 A	————	————	————
NARVA12 B	————	—	—

Description

High chromium tool steel manufactured according to Union Electric Åkers specification.

NARVA12 A is delivered in trough hardened condition.

NARVA12 A is also available further refined by ESR (Electro Slag Remelting)

Applications

Work rolls in 20-high mills for cold rolling of ferrous and non ferrous products.

Features & Benefit

- Basic well-trying grade for cluster mill work rolls.
- The compromise between wear resistance and toughness makes it suitable for mills and rolled products with general standard and demands.