

NARVA8 B (ESR)

Forged Tool Steel

Chemical composition

	C	Cr	Mo	W	Co	V
NARVA8 B	0,9	8.0	1,5	-	-	2,5
NARVA8 A	0,6	8.0	1,3	1,1	-	-

Properties

	Hardness HRC	Young's modulus GPa
NARVA8 B	≤ 63	222
NARVA8 A	≤ 61	210

Comparative properties

	Wear resistance	Toughness	Grindability
NARVA8 B	██████████	██████████	██████████
NARVA8 A	██████████	██████████	██████████
NARVA12 A	██████████	██████████	██████████

Description

Medium alloyed tool steel manufactured according to Union Electric Åkers specification.

NARVA8 B is normally through hardened but can for some special applications be induction hardened.

NARVA8 B 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.

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

Work rolls in highly stressed 2-high and 4-high narrow strip mills for cold rolling of ferrous and non ferrous products.

Features & Benefits

- A high vanadium content provides an excellent compromise between high wear resistance and toughness.
- Suitable for severe rolling conditions.
 - The rolling of silicon steels.
 - The rolling of low carbon steels.