



# NARVA8 D (ESR)

*Forged Tool Steel*

## Chemical composition

	C	Cr	Mo	W	V
<b>NARVA8 D</b>	<b>0.9</b>	<b>8.0</b>	<b>2.5</b>	<b>-</b>	<b>0.5</b>

## Properties

	Hardness HRC	Density g/cm <sup>3</sup>	Young's modulus GPa
<b>NARVA8 D</b>	<b>≤ 64</b>	<b>7.7</b>	<b>205</b>

## Comparative properties

	Wear resistance	Toughness	Grindability
<b>NARVA8 D</b>	————	————	————
<b>NARVA12 A</b>	————	————	————

## Description

Alloyed tool steel manufactured according to Union Electric Åkers specification.

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

NARVA8 D is also available further refined by ESR (Electro Slag Remelting)

## Applications

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

## Features & Benefit

- Good resistance to mixed adhesive/abrasive wear.
- High compressive strength.