Schematic „family tree“
of the Ferro-Titanit® grades

Deutsche Edelstahlwerke

Member of Swiss Steel Group

Corrosion resistance

Cromoni

a	b	c	d	e	f
53	51	1300	7,4	1500	284

TiC	Cr	Mo	Ni
22	20,0	15,5	Rest

U

a	b	c	d	e	f
52	52	1400	6,6	1500	296

TiC	Cr	Ni	Mo	Fe
34	18	12	2	Rest

S

a	b	c	d	e	f
68	54	1300	6,5	3700	302

TiC	C	Cr	Mo	Fe
32	0,5	19,5	2,0	Rest

Nikro 128

a	b	c	d	e	f
63	53	1200	6,6	2750	298

TiC	Cr	Co	Ni	Mo
30	13,5	9,0	4,0	5,0

WFN

a	b	c	d	e	f
69	53	1600	6,5	3600	299

TiC	C	Cr	Mo	Fe
33	0,75	13,5	3,0	Rest

Nikro 143

a	b	c	d	e	f
63	54	1600	6,7	2400	284

TiC	Ni	Co	Mo	Fe
30	15,0	9,0	6,0	Rest

Tool Steel „D2“ 1.2379

C-Special

a	b	c	d	e	f
70	49	1800	6,6	3800	303

TiC	C	Cr	Mo	Fe
33	0,65	3,0	3,0	Rest

a. Service hardness, HRC
b. Annealed hardness, HRC
c. Bending strength, MPa

Ferro-Titanit®

a	b	c	d	e	f

TiC	Cr	Mo	Ni	Fe

Chemical composition in weight-%

d. Density, g/cm³
e. Compression strength, MPa
f. Youngs Modulus, (E), GPa

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Service hardness

no responsibility is taken for the correctness of this information