

# Bars



**Deutsche Nickel**

Alloy	DN Trade name	Material No. / UNS	Specification	Chemical analysis
200	R-Nickel 99.2	2.4066 / N02200	ASTM B160 DIN 17740	Ni min. 99.2%
201	NR-Nickel 99	2.4068 / N02201	ASTM B160 DIN 17740 VdTÜV-345	Ni min. 99% C max. 0.02%
29/18	Dilaton 29/18	1.3981 / K94610	ASTM F15 DIN 17745 / SEW 385	Fe 53%, Ni 29%, Co 18%
FeNi36	Dilaton 36	1.3912 / K93603	ASTM F1684 DIN 17745 / SEW 385	Fe 64%, Ni 36%
FeNi36	Dilaton 36M	1.3911	DIN 17745	Fe 64%, Ni 36%
FeNi42	Dilaton 41	K94100	ASTM F30	Fe 59%, Ni 41%
FeNi42	Dilaton 42	1.3917	DIN 17745 / SEW 385	Fe 58%, Ni 42%
W48	W48 Soft-Magnetic	1.3922	DIN 17745	Fe 52%, Ni 48%
715	CuNi30Mn1Fe	(2.0882) / (CW 354H) C71500	ASTM B151	Cu 69%, Ni 30%, Fe 0.7%
400	Silverin 400	2.4360 / N04400	ASTM B164 / B564 DIN 17743 QQN281 / VdTÜV-263	Ni 64%, Cu 32%, Fe 2%, Mn 1.2%
405	Silverin 405	2.4363 / N04405	ASTM B164 DIN 17743 QQN281	Ni 64%, Cu 32%, Fe 1.5%, Mn 1.9%, S 0.04%
K500	Silverin 500	2.4375 / N05500	ASTM B865 DIN 17743 QQN286	Ni 65%, Cu 30%, Al 3%, Fe 0.8%, Ti 0.6%
600	Ferrochronin 600	2.4816 / N06600	ASTM B564 / B166 DIN 17742	Ni 74%, Cr 16%, Fe 9%
601	Ferrochronin 601	2.4851 / N06601	ASTM B166 DIN 17742	Ni 61%, Cr 23%, Fe 14%, Al 1.4%
625	Chronin 625	2.4856 / N06625	ASTM B446 / B564 DIN 17744	Ni 60%, Cr 22%, Mo 9%, Fe 4%, Nb 3.5%, Ti 0.3%



## Size Range



Cold Drawn:  
6.00 mm – 88.9 mm  
0.23 in – 3.5 in

Hot Worked:  
20 mm – 450 mm  
0.78 in – 17.71 in



Cold Drawn:  
6.00 mm – 35 mm  
0.23 in – 1.37 in

Hot Worked:  
20 mm – 450 mm  
0.78 in – 17.71 in



Cold Drawn:  
15 mm – 35 mm x  
4 mm – 12.7 mm  
0.59 in – 1.37 in x  
0.15 in – 0.5 in



Cold Drawn:  
6.00 mm – 70 mm A/F  
0.23 in – 2.75 in

Alloy	DN Trade name	Material No. / UNS	Specification	Chemical analysis
C22	Chronin C22	2.4602 / N06022	ASTM B574 / B564 DIN 17744 DIN EN ISO 15156	Ni 57%, Cr 21.5%, Mo 13.5%, Fe 4%, W 3.5%
C276	Chronin C276	2.4819 / N10276	ASTM B574 / B564 DIN 17744 DIN EN ISO 15156	Ni 58%, Cr 16%, Mo 16%, Fe 6%, W 4%
718	Chronin 718	2.4668 / N07718	API 6A / ASTM B637 DIN 17744 DIN EN ISO 15156 NACE MR 0175	Ni 54%, Fe 18%, Cr 18.5%, Nb 5%, Mo 3%, Ti 1%
80A	NiCr20TiAl	2.4952 / N07080	DIN 17742 DIN EN 10090 DIN EN 10269 ASTM B637	Ni 75%, Cr 20%, Ti 2.2%, Al 1.4%



Deutsche Nickel GmbH  
Rosenweg 15  
58239 Schwerte  
Germany

+49 (0) 2304 / 108 – 491

Deutsche Nickel Asia Trading, Co. Ltd.  
Room 09, 8 Floor  
No. 432 West HuaiHai Road  
Shanghai 200052, P.R.C.

+86 21 65 07 64 63-205

Deutsche Nickel America Inc.  
70 Industrial Road  
Cumberland, RI 02864  
USA

+1 847-531-3762

[www.deutsche-nickel.de](http://www.deutsche-nickel.de)



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