

Übersicht der gebräuchlichen Werkstoffe*



VALBRUNA

Rostfreier Stahl
Nickellegierungen
Titan | Made in Europe

	Werkst. Nr.	AISI**	Kurzname	Werkst. Nr.	AISI**	Kurzname	
AUSTENITISCHE GÜTEN	1.4300	302	X12CrNi18-8	1.4436	316	X3CrNiMo17-13-3	
	1.4301	304	X5CrNi18-10	1.4438	317L	X2CrNiMo18-15-4	
	1.4303	305	X4CrNi18-12	1.4439	-	X2CrNiMoN17-13-5	
	1.4305	303	X8CrNiS18-9	1.4541	321	X6CrNiTi18-10	
	1.4306	304L	X2CrNi19-10	1.4543	-	X3CrNiCuTi11-9	
	1.4310	302	X10CrNi18-8	1.4547	F44	X1CrNiMoCuN20-18-7	
	1.4401	316	X5CrNiMo17-12-2	1.4550	347	X6CrNiNb18-10	
	1.4404	316L	X2CrNiMo17-12-2	1.4567	304Cu	X3CrNiCu18-9-4	
	1.4429	316LN	X2CrNiMoN17-13-3	1.4571	316Ti	X6CrNiMoTi17-12-2	
	1.4435	316L	X2CrNiMo18-14-3	1.4580	-		
	FERRITISCHE UND MARTENSITISCHE GÜTEN	1.3810	446	X16Cr26	1.4116	-	X50CrMoV15
		1.4000	403	X6Cr13	1.4120	-	X20CrMo13
		1.4002	405	X6CrAl13	1.4122	-	X39CrMo17-1
1.4003		-	X2CrNi12	1.4125	440C	X105CrMo17	
1.4005		416	X12CrS13	1.4313	-	X3CrNiMo13-4	
1.4006		410	X12Cr13	1.4525	-	X8CrNiNb18-2	
1.4016		430	X6Cr17	1.4542	630	X5CrNiCuNb16-4	
1.4021		420	X20Cr13	1.4713	-	X10CrAl7	
1.4024		410	X15Cr13	1.4742	-	X10CrAl18	
1.4028		420	X30Cr13	1.4762	446	X20Cr25	
1.4034		420	X46Cr13	1.4765	-	X8CrAl25-5	
1.4057		431	X17CrNi16-2	1.4913	-	X19CrMoNbVN11-1	
1.4104		-	X14CrMoS17	1.4922	-	X20CrMoV12-1	
1.4112		-	X90CrMoV18	1.4923	-	X22CrMoV12-1	
1.4113		-	X6CrMo17-1	1.4935	422	X20CrMoWV12-1	
GÜTEN MIT DUPLEX-GEFÜGE		1.4460	329	X3CrNiMoN27-5-2	1.4410	-	X2CrNiMo25-7-4
		1.4462	2205	X2CrNiMoN22-5-3	1.4501	-	X2CrNiMoCuWn25-7-4
HITZEBESTÄNDIGE GÜTEN	1.4713	-	X10CrAl7	1.4828	309	X15CrNiSi20-12	
	1.4742	-	X10CrAl18	1.4833	314	X12CrNi23-13	
	1.4762	446	X20Cr25	1.4835	310	X9CrNiSiNc21-11	
	1.4765	-	X8CrAl25-5	1.4841	-	X15CrNiSi25-21	
	1.4821	-	X15CrNiSi25-4	1.4845	-	X8CrNiSi25-21	

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	Werkst. Nr.	Handelsname	Norm	Werkst. Nr.	Handelsname	Norm
NICKELBASISWERKSTOFFE	1.3912	Nilo 36	SEW 385	2.4375	Alloy K500	N05500
	1.4529	Alloy 926	EN 10088-3	2.4660	Alloy 20	B473 N08020
	1.4539	Alloy 906L	EN 10088-3	2.4668	Alloy 718	NiCr19Fe19Nb5Mo3
	1.4862	Alloy DS	BS 3076 NA17	2.4816	Alloy 600	B166 N06600
	1.4864	Alloy 330	EN 10095	2.4851	Alloy 601	B166 N06601
	1.4876	Alloy 800 H/HT	EN 10095	2.4856	Alloy 625	B446 N06625
	1.4980	Alloy 286	ASTM A 453	2.4858	Alloy 825	B425 N08825
	2.4068	Nickel 201	B160 N02201	2.4869	NiCr80/20	N06003
	2.4360	Alloy 400	B164 N04400	2.4952	Alloy 80A	DIN 17240
		Alloy 405	B164 N04405			
TITAN	3.7035	Titan Grade 2	ASTM B 348	3.7164	TiAl6V4	WLB 3.7164
	3.7165	Titan Grade 5	ASTM B 348		Grade 5-ELI	ASTM F 136
			AMS 4928			ISO 5832-3
VENTILSTÄHLE	1.4718	X45CrNiSi9-3		1.4870	X53CrMnNiNbN21-9	
	1.4731	X50CrSiMo10-2		1.4871	X53CrMnNiN21-9	
	1.4747	X80CrNiSi20		1.4873	X45CrNiW18-9	
	1.4748	X85CrMoV18-2		1.4875	X55CrMnNiN20-8	
	1.4785	X60CrMnMoVNiN21-10		1.4881	X70CrMnNiN21-6	
	1.4866	X33CrNiMnN23-8		1.4882	X50CrMnNiNbN21-9	
MAGNETVENTILSTÄHLE	1.4105	MG1		1.4523	MGT	
		MG2		1.3840	FeSi3	
		MG3		1.3843	FeSi3P	
	1.4106	MG4		1.3845	FeSi4	
MESSERSTÄHLE	1.4006	410	X12Cr13	1.4116	-	X50CrMoV15
	1.4021	420	X20Cr13	1.4117	-	X38CrMoV15
	1.4034	420	X46Cr13	1.4122	-	X39CrMo17-1
	1.4057	431	X17CrNi16-2	1.4125	440C	X105CrMo17
TURBINENSCHAUFELSTÄHLE	1.4000	VAL1P	DIN 17440	1.4418	X164M	EN 10088-3
		VAL1MP		1.4913	VAL2MCV	DIN 17240
	1.4006	VAL1B	EN 10088-3	1.4923	VAL2MV	DIN 17240
	1.4021	VAL2A/ABZ/AM	EN 10088-3	1.4935	VAL2W	
	1.4317	V145	ASTM A 564-XM25	1.4939	X122MV	ASTM A 565
		X154MU/2				