

## Zoznam materiálov

Werkstoff-Nr.	Material	Werkstoff-Nr.	Material
<b>KONŠTRUKČNÉ OCELE</b>			
1.0037	St 37-2 G	1.0506	WStE 315
1.0038	RSt. 37-2	1.0508	TStE 315
1.0050	St 50-2	1.0535	C 55
1.0060	St 60-2 G	1.0562	StE 355
1.0116	St 37-3 G	1.0565	WStE 355
1.0301	C 10	1.0566	TStE 355
1.0401	C 15	1.0566	P355NL1
1.0402	C 22	1.0570	St 52-3
1.0425	P 265 GH	1.0601	C 60
1.0432	C 21	1.1101	TT ST 35
1.0437	P 310 NB	1.1133	20 Mn 5
1.0460	C22G2	1.1141	Ck 15
1.0481	P295GH	1.1151	Ck 22
1.0482	19 Mn 5	1.1173	30 Mn 5
1.0486	StE 285	1.1181	Ck 35
1.0487	WStE 285	1.1191	Ck 45
1.0488	TStE 285	1.1193	Cf 45
1.0501	C 35	1.1213	Cf 53
1.0503	C 45	1.1221	Ck 60
1.0505	StE 315		
<b>NÁSTROJOVÉ OCELE</b>			
1.2063	145Cr6	1.2436	X210CrW12
1.2067	102 Cr 6	1.2510	100MnCrW4
1.2080	X 210 Cr 12	1.2550	60 WCrV 7
1.2162	21 MnCr 5	1.2601	X165CrMoV12
1.2312	40CrMnMoS8-6	1.2713	55NiCrMoV6
1.2316	X 36 CrMo 17	1.2714	56 NiCrMoV 7
1.2343	X 38 CrMoV 5 1	1.2718	55NiCr10
1.2344	X40CrMoV5-1	1.2735	15NiCr14
1.2363	X100CrMoV5-1	1.2764	X19NiCrMo4
1.2365	X 32 CrMoV 3 3	1.2767	X 45 NiCrMo 4
1.2367	X38CrMoV5-3	1.2826	60MnSiCr4
1.2379	X155CrMoV12-1	1.2842	90MnCrV8
1.2419	105 WCr 6		
<b>LOŽISKOVÉ OCELE</b>			
1.3505	100Cr6	1.3539	100CrMnMo8
1.3536	100CrMo7-3	1.3342	SC 6-5-2
<b>ŠPECIÁLNE OCELE</b>			
1.3952	X2CrNiMoN18-14-3	1.3974	X 2 CrNiMnMoNNb23-17-6-3
<b>NEHRDZAVEJÚCE OCELE, KYSELINOVZDORNÉ A TEPLOVZDORNÉ OCELE</b>			
1.4000	X6Cr13	1.4539	X1NiCrMoCu25-20-5
1.4006	X12Cr13	1.4541	X6CrNiTi18-10
1.4016	X6Cr17	1.4542	X5CrNiCuNb16-4
1.4021	X20Cr13	1.4548	X5CrNiCuNB17-4-4
1.4024	X15Cr13	1.4547	X1CrNiMoCuN20-18-7
1.4034	X46Cr13	1.4550	X 6 CrNiNb 18-10
1.4057	X17CrNi16-2	1.4563	X1NiCrMoCuN31-27-4
1.4104	X14CrMoS17	1.4571	X6CrNiMoTi17-12-2
1.4112	X90CrMoV18	1.4577	X3CrNiMoTi25-25
1.4119	X 15 CrMo 13	1.4580	X6CrNiMoNb17-12-2
1.4120	X20CrMo13	1.4582	X4CrNiMoNb25-7
1.4122	X39CrMo17-1	1.4718	X45CrSi9-3

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<b>NEHRDZAVEJÚCE OCELE, KYSELINOVZDORNÉ A TEPLOVZDORNÉ OCELE</b>			
1.4301	X5CrNi18-10	1.4828	X15CrNiSi20-12
1.4305	X10CrNiS18-9	1.4841	X 15 CrNiSi 25 20
1.4306	X2CrNi19-11	1.4864	X 12 NiCrSi 36 16
1.4313	X4CrNi13-4	1.4876	X10NiCrAlTi32-21
1.4320	X2CrNiMo13-4	1.4878	X 12 CrNiTi 18 9
1.4340	GX40CrNi27-4	1.4901	X 10 CrWMoVNB 9-2 F92
1.4361	X1CrNiSi18-15-4	1.4903	X10CrMoVNB9-1/ F91
1.4401	X5CrNiMo17-12-2	1.4905	X11CrMoWVNB9-1-1
1.4404	X2CrNiMo17-13-2	1.4910	X3CrNiMoN17-13
1.4406	X2CrNiMoN17-11-2	1.4913	X19CrMoVNB11-1
1.4410	X2CrNiMoN25-7-4	1.4922	X20CrMoV12-1
1.4418	X4CrNiMo16-5-1	1.4923	X22CrMoV12-1
1.4429	X2CrNiMoN17-13-3	1.4926	X21CrMoV12-1
1.4435	X2CrNiMo18-14-3	1.4935	X20CrMoWV12-1
1.4438	X2CrNiMo18-15-4	1.4939	X 12 CrNiMo 12
1.4439	X2CrNiMoN17-13-5	1.4941	X6CrNiTiB18-10
1.4460	X3CrNiMoN27-5-2	1.4944	X5NiCrTi26-15
1.4462	X2CrNiMoN22-5-3	1.4958	X5NiCrAlTi31-20
1.4465	X1CrNiMoN25-25-2	1.4961	X8CrNiNb16-13
1.4466	X2CrNiMoN25-22-2	1.4962	X12CrNiWTiB16-13
1.4501	X2CrNiMoCuWn25-7-4	1.4980	X6NiCrTiMoVB25-15-2
1.4505	X4NiCrMoCuNb20-18-2	1.4981	X8CrNiMoNb16-16
1.4529	X1NiCrMoCuN25-20-7	1.4986	X7CrNiMoBNb16-16
		1.4988	X8CrNiMoVNB16-13
<b>CEMENTAČNÉ OCELE</b>			
1.5752	15NiCr13	1.6587	18CrNiMo7-6
1.5919	15CrNi6	1.7131	16MnCr5
1.5920	18CrNi8	1.7147	20MnCr5
<b>ZUŠLACHTENÉ OCELE</b>			
1.5120	38MnSi4	1.7225	42CrMo4
1.5122	37MnSi5	1.7227	42CrMoS4
1.5141	53MnSi4	1.7228	50CrMo4
1.5415	16Mo3	1.7258	24CrMo5
1.5423	16Mo5	1.7321	20MoCr4
1.5637	12Ni14	1.7323	20MoCrS4
1.5680	X12Ni5	1.7325	25MoCr4
1.5752	15NiCr13	1.7326	25 MoCrS 4
1.5755	31 NiCr 14	1.7335	13CrMo4-5
1.5860	14NiCr18	1.7362	12 CrMo 19 5
1.5864	35 NiCr 18	1.7375	12CrMo9-10
1.5919	15CrNi6	1.7380	10 CrMo 9-10
1.5920	18CrNi8	1.7386	X11CrMo9-1
1.6310	20MnMoNi5-5	1.7707	30CrMoV9
1.6311	20MnMoNi4-5	1.7709	21CrMoV5-7
1.6358	X 2 NiCoMo 18-9-5	1.7715	14MoV6-3
1.6368 WB 36	15NiCuMoNb5	1.7733	24CrMoV5-5
1.6562	40 NiCrMo 8 4	1.7735	14CrMoV6-9
1.6580	30CrNiMo8	1.8070	21CrMoV5-11
1.6582	34CrNiMo6	1.8159	51CrV4
1.6587	18CrNiMo7-6	1.8161	58CrV4
1.6772	20NiCrMo14-5	1.8507	34CrAlMo5
1.6746	32 NiCrMo14-5	1.8515	31CrMo12
1.6948	27NiCrMoV11-6	1.8519	31CrMoV9
1.6981	21CrMoNiV4-7	1.8550	34CrAlNi7
1.7006	46Cr2	1.8882	S355G3
1.7033	34Cr4	1.8902	S420N2
1.7034	37Cr4	1.8905	P460N2
1.7035	41Cr4	1.8907	StE 500

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<b>ZUŠLACHTENÉ OCELE</b>			
1.7103	67SiCr5	1.8912	S420NL2
1.7131	16MnCr5	1.8915	P460NL12
1.7139	16MnCrS5	1.8928	S690QL
1.7147	20MnCr5	1.8931	S690Q
1.7218	25CrMo4	1.8932	WStE 420
1.7219	26CrMo4	1.8935	P460NH2
1.7220	34CrMo4		
<b>ZÁKLADNÉ ZLIATINY NIKLU</b>			
1.4361	2.4617	X1CrNiSi18-15-4	Monell 400
1.4563		Alloy 28	Monell K 500
1.4876		Alloy 59	Inconell 600 / Alloy 718
1.4958	2.4668	Alloy 800	Inconel 625
1.4959	2.4816	Hastelloy B 2	Inconell 718
2.4360	2.4819	Hastelloy B-3	Inconel 825
2.4375	2.4856	Hastelloy C 22	Nimonic 80A
2.4600	2.4858	Hastelloy C276	
2.4602	2.4951	Hastelloy C 4	
2.4605	2.4952		
2.4610	2.4969	Incolloy 800 HT	
<b>TITÁNOVÉ ZLIATINY</b>			
3.7025	Titan Gr. 1	3.7164	TiAl 6 V 4
3.7035	Titan Gr. 2	3.7165	TiAl 6 V 4
3.7235	Titan Gr. 7		
<b>HLINÍKOVÉ ZLIATINY</b>			
3.1255	3.2315	3.2315	3.4335
3.1325	3.3465	3.1924	3.4365
3.1924	3.3547		
<b>OCELE ESU</b>			
1.2344ESU	1.4435 ESU	1.6746 ESU	1.4548 ESU
1.3923 ESU	1.4542 ESU	1.6780 ESU	1.6948 ESU
1.3913 ESU	1.6580 ESU	1.4512 ESU	1.7228 ESU
1.4361 ESU	1.6582 ESU	1.4944 ESU	1.7735 ESU
1.4429 ESU	1.6587 ESU	1.4980 ESU	
<b>OCELE PODĽA AMERICKÝCH PREDPISOV A OSTATNÉ OCELE</b>			
A 182 Gr.F 316 LN	A 694 Gr.F 42	A 182 Gr.F 55	SA 266 Cl. 2
A 182 Gr.F 316 LN 6	A 694 Gr.F 46	A 182 Gr.F 6 NM	SA 266 Cl. 4
A 182 Gr.F 316 N	A 694 Gr.F 52	A 182 Gr.F 6a	P 355 NL1
A 182 Gr.F 316 Ti	A 694 Gr.F 56	A 182 Gr.F 60	SAF 2507
A 182 Gr.F 317 L	A 694 Gr.F 60	A 182 Gr.F 9	SAE 4140
A 182 Gr.F 321	A 694 Gr.F 65	A 204 Gr. A	SAE 4340
A 182 Gr.F 347	A 694 Gr.F 70	A 240 Type 316	AISI 309
A 182 Gr.F 430	A 723 Cl 1	A 276 Type 420	AISI 317
A 182 Gr.F 46	A 739 Gr. B 22	A 322 Gr. 4140	AISI 347
A 182 Gr.F 44	A 743 Gr. CA 6 MN	A 336 F 91	AISI 410
A 182 Gr.F 5	A 765 Gr. II	A 350 Gr.LF 1	AISI 420
A 182 Gr.F 5a	SA 181 Cl. 60	A 350 Gr.LF 2	904 L
A 182 Gr.F 51	SA 181 Cl. 70	A 350 Gr.LF 3	321 H
A 182 Gr.F 53	SA 266 Cl. 1		
<b>ZF KVALITY</b>			
ZF 1	ZF 6	ZF 63	ZF 7
ZF 1A	ZF 68	ZF 64	ZF 7B
ZF 50			
<b>KVALITY PODĽA ABB-ALSTOM</b>			
ST 10 TS	ST 330 TS	ST 16/13 MoVNbl	ST 577
ST 11 T	ST 460 TS	St S 18/8	ST 85
ST 12	ST 525 TS	ST 325	ST 9 TS
ST 12 T	ST 530 TS	ST 325 TS	ST T 17/13 W
ST 12 TS	ST 575		