

## Legierungszuschläge / Alloy Surcharges / Extra di lega / Delta Alliages

Edelbaustähle / Qualitätsstähle -- High-Quality Steels -- Acciai di qualità e speciali -- Aciers de qualité

gültig ab / valid from / validi da / valable de : **01.10.2009**

Werkstoff-Nr. Material No. N° materiale Numero de nuance	Bezeichnung Grade Qualità Nuance d'acier	Stabstahl Rolled Laminati Laminés	Blankstahl* Peeled Pelati Ecroûtés
1.0034	E195 / RSt 34-2	1	1
1.0037	S235JR / St37-2 G	1	2
1.0038	S235JRG2 / RSt 37-2	1	2
1.0044	S275JR / St 44-2	1	2
1.0050	E295 / St 50-2 G	0	0
1.0060	E335 / St 60-2 G	0	0
1.0070	E360 / St 70-2 G	0	0
1.0116	S235J2G3 / St 37-3 G	1	2
1.0143	S275J0	1	2
1.0144	S275J2G3 / St 44-3 G	1	2
1.0213	C8C / QSt 34-3	0	1
1.0214	C10C / QSt 36-3	0	1
1.0234	C15C / QSt 38-3	1	1
1.0301	C10	1	1
1.0303	C4C / QSt 32-3	0	1
1.0305	P235G1TH / St 35.8	1	1
1.0401	C15	1	1
1.0402	C22	1	1
1.0406	C25	1	1
1.0412	27MnSi5	2	2
1.0425	P265GH	1	2
1.0427	C22.3 / C22G1	1	1
1.0432	C21	1	2
1.0460	P250GH / C22G2	1	1
1.0461	S255N / StE 255	1	1
1.0463	S255NL / TStE 255	1	1
1.0468	15Mn3A / C14GAI	1	1
1.0470	21Mn4AI / C21GAI	1	1
1.0478	P285QH	1	2
1.0481	P295GH (17Mn4)	1	2
1.0486	P275N (StE 285)	1	1
1.0488	P275NL1 (TStE 285)	1	2
1.0495	21Mn5	2	2
1.0501	C35	1	1
1.0503	C45	1	1
1.0505	P315N / StE 315	1	2
1.0508	P315NL / TStE 315	1	2
1.0510	32Mn4	1	1
1.0511	C40	1	1
1.0520	31Mn4	1	1
1.0525	33Mn6	2	2
1.0528	C30	1	1
1.0535	C55	1	1
1.0538	E295GF / PSt 50-2	0	0
1.0540	C50	1	1
1.0546	S355NL	2	2

\* Blank und walzgeschältes Material.

Werkstoff-Nr. Material No. N° materiale Numero de nuance	Bezeichnung Grade Qualità Nuance d'acier	Stabstahl Rolled Laminati Laminés	Blankstahl* Peeled Pelati Ecroûtés
1.0553	S355JO (St 53-2 U)	1	2
1.0562	P355N / StE 355	2	2
1.0565	P355NH	2	2
1.0566	P355NL1 (TStE 355)	2	2
1.0569	S355J2G3C (QSt 52-3)	1	2
1.0570	S355J2G3 (St 52.3)	1	2
1.0572	S355J2G3F / PSt 52-3	1	2
1.0601	C60	1	1
1.0603	C67	1	1
1.0605	C75	1	1
1.0627	C68	1	1
1.0703	R 10 S 10 (C10RG2)	1	1
1.0710	15S10	1	1
1.0711	10S10	1	1
1.0715	11SMn30 (früher 9SMn28)	1	2
1.0721	10S20	1	1
1.0726	35S20	1	1
1.0727	46S20	1	1
1.0736	11SMn37	2	2
1.0762	44SMn28	2	2
1.0764	36SMn14	2	2
1.0870	17MnV7	14	18
1.0912	46Mn7	2	3
1.0913	50Mn7	2	3
1.1101	S225NL / TSt 35	0	0
1.1103	S255NL1 / EStE255	1	1
1.1105	S315NL1 / EStE315	1	2
1.1106	P355NL2 (EStE355)	2	2
1.1121	C10E (Ck 10)	1	1
1.1122	C10C / C10E2C (Cq 10)	0	0
1.1127	38Mn6 / 36Mn6	2	2
1.1128	46Mn5	2	2
1.1132	C15E2C / Cq 15	1	1
1.1133	20Mn5	2	2
1.1140	C15R (Cm 15)	1	1
1.1141	C15E (Ck 15)	1	1
1.1148	C16E	1	1
1.1149	C22R (Cm 22)	1	1
1.1151	C22E / Ck 22	1	1
1.1152	C20E2C / Cq 22	1	1
1.1157	40Mn4	1	1
1.1158	C25E / Ck 25	1	1
1.1160	22Mn6	2	2
1.1163	C25R	1	1
1.1165	GS-30 Mn 5 (G30Mn5)	2	2
1.1167	36Mn5	2	2
1.1170	28Mn6	2	2
1.1172	C35EC / Cq 35	1	1
1.1173	30Mn5	2	2
1.1176	G36Mn5	2	2
1.1178	C30E (Ck 30)	1	1
1.1180	C35R (Cm 35)	1	1
1.1181	C35E / Ck 35	1	1
1.1183	Cf 35 (C35G)	1	1

\* Blank und walzgeschältes Material.

Werkstoff-Nr. Material No. N° materiale Numero de nuance	Bezeichnung Grade Qualità Nuance d'acier	Stabstahl Rolled Laminati Laminés	Blankstahl* Peeled Pelati Ecroûtés
1.1186	C40E (Ck 40)	1	1
1.1191	C45E / Ck 45	1	1
1.1192	C45EC / Cq 45	1	1
1.1193	Cf 45 (C45G)	1	1
1.1197	25MnV5	7	8
1.1198	C48EMn	1	1
1.1199	49MnVS3	10	13
1.1201	C45R (Cm 45)	1	1
1.1203	C55E (Ck 55)	1	1
1.1205	C53R (Cm 53)	1	1
1.1206	C50E / Ck 50	1	1
1.1207	C10R	1	1
1.1208	C16R	1	1
1.1209	C55R (Cm 55)	1	1
1.1210	C53E (Ck 53)	1	1
1.1212	C58D2 (E215 / St 30 Al)	1	1
1.1213	Cf 53 (C53G)	1	1
1.1219	C56E2 / Cf 54 (C54G)	1	1
1.1221	C60E / Ck60	1	1
1.1223	C60R (Cm 60)	1	1
1.1231	C67S / Ck 67 (C67E)	1	1
1.1241	C50R	1	1
1.1243	75Mn4	1	1
1.1244	70Mn4	1	1
1.1248	C75S / Ck 75 (C75E)	1	1
1.1249	Cf 70 (C70G)	0	0
1.1301	19MnVS6	13	17
1.1302	30MnVS6	13	17
1.1303	38MnVS6	13	17
1.1304	46MnVS6	13	17
1.1305	46MnVS3	13	17
1.3505	100Cr6	27	34
1.3520	100CrMnSi6-4 / 100CrMn6	32	41
1.3521	17MnCr5	9	12
1.3523	19MnCr5	11	15
1.3531	16CrNiMo6	238	309
1.3537	100CrMo7	60	78
1.5022	38Si6	10	13
1.5023	38Si7	11	14
1.5024	46Si7	11	15
1.5026	56Si7 (55Si7)	25	33
1.5027	60Si7	11	14
1.5028	65Si7	11	14
1.5120	38MnSi4	6	8
1.5122	37MnSi5	9	12
1.5131	50MnSi4	6	8
1.5217	20MnV6	14	19
1.5218	22MnV6	17	22
1.5223	42MnV7	10	13
1.5231	38MnSiVS5	14	19
1.5232	27MnSiVS6	15	19
1.5233	44MnSiVS6	16	21
1.5415	16Mo3 (15Mo3)	59	77
1.5420	27MnMo3-3	50	64

\* Blank und walzgeschältes Material.

Werkstoff-Nr. Material No. N° materiale Numero de nuance	Bezeichnung Grade Qualità Nuance d'acier	Stabstahl Rolled Laminati Laminés	Blankstahl* Peeled Pelati Ecroûtés
1.5508	23B2 / 22B2	1	1
1.5510	28B2	1	1
1.5511	35B2	1	1
1.5513	45B2	1	1
1.5515	38B2	1	1
1.5526	30MnB4	1	1
1.5527	40MnB4	1	1
1.5529	27MnB5	1	2
1.5530	20MnB5	2	2
1.5531	30MnB5	2	2
1.5532	38MnB5	2	2
1.5714	16NiCr4	109	141
1.5715	16NiCrS4	109	141
1.5752	15NiCr13 (14NiCr14)	354	458
1.5805	10NiCr5-4	154	199
1.5807	15NiCr6-4	159	206
1.5810	18NiCr5-4	154	199
1.5860	14NiCr18	490	635
1.5918	17CrNi6-6	179	232
1.5919	15CrNi6 (17CrNi6-6)	179	232
1.5920	18CrNi(S)8	225	292
1.6511	36CrNiMo4	165	214
1.6522	20NiCrMo2	103	133
1.6523	20NiCrMo2-2	103	133
1.6526	20NiCrMoS2-2	103	133
1.6527	20NiCrMo3	129	168
1.6540	23MnNiCrMo5-3	140	181
1.6541	23MnNiCrMo5-2	113	146
1.6566	17NiCrMo6-4	192	249
1.6569	17NiCrMoS6-4	192	249
1.6571	20NiCrMoS6-4	231	299
1.6580	30CrNiMo(S)8	309	400
1.6582	34CrNiMo6	217	282
1.6587	18CrNiMo7-6 (17CrNiMo6)	238	309
1.6598	14CrNiMo5	234	304
1.6657	14NiCrMo13-4	389	505
1.6753	23MnNiMoCr6-4	203	264
1.6757	20NiMoCr6-5	262	340
1.6758	23MnNiMoCr5-4	219	284
1.7003	38Cr2	5	7
1.7006	46Cr2	5	7
1.7007	37CrB1	4	5
1.7014	17CrS3	8	11
1.7015	15Cr3	5	7
1.7016	17Cr3	8	11
1.7020	32Cr2	5	7
1.7021	32CrS2	5	7
1.7023	38CrS2	5	7
1.7025	46CrS2	5	7
1.7027	20Cr4	10	13
1.7028	20CrS4	10	13
1.7030	28Cr4	10	13
1.7033	34Cr4	10	13
1.7034	37Cr4	10	13

\* Blank und walzgeschältes Material.

Werkstoff-Nr. Material No. N° materiale Numero de nuance	Bezeichnung Grade Qualità Nuance d'acier	Stabstahl Rolled Laminati Laminés	Blankstahl* Peeled Pelati Ecroûtés
1.7035	41Cr4	10	13
1.7036	28CrS4	10	13
1.7037	34CrS4	10	13
1.7038	37CrS4	10	13
1.7039	41CrS4	10	13
1.7043	38Cr4	10	13
1.7045	42Cr4	10	13
1.7076	32CrB4	10	13
1.7077	36CrB4	10	13
1.7102	54SiCr6	15	19
1.7104	55SiCr6-3	15	19
1.7106	56SiCr7 (55SiCr7)	15	19
1.7108	61SiCr7 (60SiCr7)	15	19
1.7121	20CrMnS3-3	8	10
1.7131	16MnCr5	9	12
1.7139	16MnCrS5	9	12
1.7147	20MnCr5	11	15
1.7148	30MnCrB4-2	6	7
1.7149	20MnCrS5	11	15
1.7160	16MnCrB5	9	12
1.7176	55Cr3	8	11
1.7182	27MnCrB5-2	5	7
1.7185	33MnCrB5-2	5	7
1.7189	39MnCrB6-2	6	7
1.7213	25CrMoS4	54	71
1.7216	30CrMo4	54	69
1.7218	25CrMo4	54	71
1.7219	26CrMo4-2 (26CrMo4)	54	70
1.7220	34CrMo4	54	71
1.7223	41CrMo4	54	70
1.7225	42CrMo4	54	71
1.7226	34CrMoS4	54	71
1.7227	42CrMoS4	54	71
1.7228	50CrMo4	54	70
1.7238	49CrMo4	54	70
1.7242	16CrMo4	58	76
1.7243	18CrMo4	49	63
1.7244	18CrMoS4	49	63
1.7258	24CrMo5	108	140
1.7262	15CrMo5	59	77
1.7264	20CrMo(S)5	60	78
1.7271	23CrMoB3-3	76	98
1.7319	20MoCrS3	74	95
1.7320	20MoCr3	74	95
1.7321	20MoCr4	92	120
1.7323	20MoCrS4	92	120
1.7325	25MoCr4	93	120
1.7326	25MoCrS4	93	120
1.7333	22CrMoS3-5	96	124
1.7335	13CrMo4-5 (13CrMo4-4)	106	137
1.7380	10CrMo9-10	214	277
1.7511	22CrV3	18	23
1.7561	42CrV6	22	28
1.7701	52CrMoV4 / 51CrMoV4	67	87

\* Blank und walzgeschältes Material.

Werkstoff-Nr. Material No. N° materiale Numero de nuance	Bezeichnung Grade Qualità Nuance d'acier	Stabstahl Rolled Laminati Laminés	Blankstahl* Peeled Pelati Ecroûtés
1.7707	30CrMoV9	118	153
1.7709	21CrMoV5-7	211	274
1.7711	40CrMoV4-6	147	190
1.7765	32CrMoV12-10	245	318
1.8159	51CrV4 (50CrV4)	25	33
1.8161	58CrV4	23	29
1.8507	34CrAlMo5-10 / 34CrAlMo5	49	64
1.8509	41CrAlMo7-10	68	88
1.8519	31CrMoV9	73	95
1.8901	S460N	73	95
1.8905	P460N (StE 460)	73	95
1.8907	S500N / StE 500	89	116
1.8912	S420NL (TStE 420)	73	95
1.8915	P460NL1 (TStE 460)	73	95
1.9443	A 105	1	2
1.9504	SAE1045	1	1
1.9505	SAE1050	1	1
SAE	SAE4140	48	62
SAE	SAE4140-H	48	62
SAE	SAE8620	103	133
SAE	SAE8620-H	103	133
Ford	SQM-1 A9410-A38	1	1
Ford	SQM-1 A9410-A46	1	1
Ford	SQM-1 A9410-A53	1	1
Ford	SQM-1 A9440-A28H	56	72
Ford	SQM-1 A9451-A20H	18	23
Opel	QS1035	1	1
Opel	QS1036	1	1
Opel	QS1037	1	1
Opel	QS1045	1	1
Opel	QS1048	4	5
Opel	QS1052	2	2
Opel	QS1317	0	0
Opel	QS1916	10	13
Opel	QS4119	74	96
Opel	QS4321	262	340
Volkswagen	TL 1235	5	6
Volkswagen	TL 1352	1	1
Volkswagen	TL 1354	1	1
Volkswagen	TL 1356	1	1
Volkswagen	TL 1427	13	17
Volkswagen	TL 1438	13	17
Volkswagen	TL 4124	9	11
Volkswagen	TL 4125	9	11
Volkswagen	TL 4126	8	11
Volkswagen	TL 4129	9	11
Volkswagen	TL 4130	9	11
Volkswagen	TL 4213	9	12
Volkswagen	TL 4217	10	13
Volkswagen	TL 4220	11	15
Volkswagen	TL 4221	10	13
Volkswagen	TL 4227	10	14
Volkswagen	TL 4521	262	340
Volvo	V-1672-00	1	1

\* Blank und walzgeschältes Material.

Werkstoff-Nr. Material No. N° materiale Numero de nuance	Bezeichnung Grade Qualità Nuance d'acier	Stabstahl Rolled Laminati Laminés	Blankstahl* Peeled Pelati Ecroûtés
Volvo	V-2158-60	13	17
Volvo	V-2158-70	11	15
Volvo	V-2158-80	11	14
Volvo	V-2226-80	10	13
Volvo	V-2234	54	69
Volvo	V-2244-6X	54	69
Volvo	V-2244-7X	54	69
Volvo	V-2245-00	10	13
Volvo	V-2250	49	63
Volvo	V-2525-70	126	163
Volvo	V-2527	179	232
Volvo	V-2530-70	238	309
Volvo	V-2905-00	8	10
Volvo	V-2906-00	8	11
ZF	ZF 1	179	232
ZF	ZF 1 A	238	309
ZF	ZF 29	2	2
ZF	ZF 34	1	1
ZF	ZF 49	13	17
ZF	ZF 5 H	92	120
ZF	ZF 50	1	1
ZF	ZF 51	1	1
ZF	ZF 59	14	19
ZF	ZF 6	9	12
ZF	ZF 60 A	1	1
ZF	ZF 60 M	1	1
ZF	ZF 63	10	13
ZF	ZF 64	10	13
ZF	ZF 68	53	69
ZF	ZF 7	11	15
ZF	ZF 7 B	11	15
ZF	ZF B 102	10	13
ZF	ZF B 117	10	13
ZF	ZF B 145	11	14
ZF	ZF B 954	14	18
Sonstige	17CrNiMo6	238	309
Sonstige	18NiCrMo5	191	248
Sonstige	19CrNi5	116	151
Sonstige	20MC5	11	14
Sonstige	20NiCr6	154	199
Sonstige	20NiCrMo2	103	133
Sonstige	30NiCrMo12	395	511
Sonstige	35CrMn5	11	14
Sonstige	38B3	1	1
Sonstige	39NiCrMo3	137	178
Sonstige	40CrMo4	49	63