

**EXTRA LEGA - ACCIAI DA COSTRUZIONE, PER MOLLE E CUSCINETTI  
IN SEMILAVORATI, BILLETTE, BARRE, ROTOLI E LAVORATI A FREDDO**

**ALLOY SURCHARGE - ENGINEERING STEELS, STEELS FOR SPRINGS AND BEARINGS  
IN SEMIS, R.C.S. BILLETS, ROLLED AND FORGED ROUND BARS, COILS**

**valido per Giugno 2018 - valid for June 2018 shipment**  
da applicarsi a fine fattura in €/t - at the end of invoice in €/t

MARCA / GRADE	NORM	lingotti e colata continua	laminati e forgiati	lavorati a freddo
		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
<b>Acciai per bulloneria / Bolts and nuts steels</b>				
38 Cr 1 KB	EN 10263	13	15	19
38 Cr 2 KB	EN 10263-4	18	20	25
34 - 41Cr 4 KB	EN 10263-4	28	31	39
25 - 42 CrMo 4 KB	EN 10263-4	64	72	92
30 -40 NiCrMo 2 KB	EN 10263	102	115	149
38 NiCrMo 4 KB	EN 10263	123	138	178
34 CrNiMo 6 KB	EN 10263-4	190	214	276
40 NiCrMo 7 KB	EN 10263	200	225	291
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		12	13	17
41 Cr 4	EN 10083.1	28	32	40
36 CrMn 4	UNI 7847	30	33	42
51 CrV 4	EN 10083.1	113	128	165
25 - 42 CrMo 4	EN 10083.1	63	71	91
20-25 MoCr4		88	99	127
40 NiCrMo 2	EN 10083.1	94	106	137
36CrNiMo4	EN 10083.1	132	149	192
39 NiCrMo 3	EN 10083.1	122	137	177
40 NiCrMo 7	UNI 6926	202	227	293
30CrNiMo 8	EN 10083.1	269	302	390
30 NiCrMo 12		325	366	474
30 NiCrMoV 12	UNI 6787	390	439	568
36 NiCrMo 16	EN 10083.1	390	439	567
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	29	33	42
20 MnCr 5	EN 10084	34	38	48
SAE 94B17		58	65	84
18 CrMo 4	EN 10084	59	67	85
12 NiCr 3		66	75	96
16 - 20 CrNi 4	EN 10084	100	113	145
16 NiCr 11	EN 10084	228	257	332
16 - 20 NiCrMo 2	EN 10084	91	102	132
18 NiCrMo 5	EN 10084	161	181	234
17 CrNiMo 6	EN 10084	214	241	311
18 NiCrMo 7	EN 10084	217	244	316

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<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	127	142	182
31 CrMoV 9	EN 10085	156	176	226
34 - 42CrAlMo 7	EN 10085	88	99	127
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	27	31	39
36 CrMn 4	UNI 7847	31	34	44
41 CrMo 4	UNI 7847	58	65	83
40 NiCrMo 3	UNI 7847	123	138	178
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	92	104	135
14 CrMo 3	EN 10216	109	123	158
18 CrMoSi 4	EN 10222	122	137	176
11 CrMo 9 10	EN 10222.2	207	232	300
16 CrMo 20 5	EN 10216.2	187	210	269
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	271	305	396
X 12 Ni 09	EN10222-4	694	781	1013
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	34	39	49
100 CrMo 7	EN 683.17	79	89	113
100 CrMn 4	EN 683.17	27	30	38
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	25	28	37
60 SiCr 8	EN 10089	34	38	49
52 SiCrNi 5	EN 10089	83	94	121
45 SiCrMo 6	EN 10089	64	72	93
55 Cr 3	EN 10089	23	25	32
50 CrV 4	EN 10089	109	122	158
51 CrMoV 4	EN 10089	133	150	193
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	66	74	96
19 - 46 MnVS 6	EN 10267	67	75	97
38MnSiVS6		69	77	100
D25M6		74	84	108
48MnV3		56	63	81
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	6	7	8
1.0432	C21	10	11	15
1.0460	P250GH	4	5	6
1.0482	19Mn5	13	15	20
1.0503	C45	4	5	6
1.0511	C40	4	5	6
1.0528	C30	4	5	6
1.0535	C55	5	6	7
1.0540	C50	5	6	7
1.0553	S355J0	12	14	18
1.0565	P355NH	12	14	18
1.0566	P355NL1	9	10	13
1.0570	S355J2G3	9	10	13
1.0577	S355J2	11	13	17
1.0721	10S20	8	9	12
1.0764	36SMn14	10	11	15
1.1108	10Mn4	10	11	15
1.1127	38Mn6	13	15	19
1.1132	C15E2C	6	7	9
1.1140	C15R	6	7	9
1.1141	C15E	5	6	8
1.1160	22Mn6	14	16	21
1.1167	36Mn5	9	10	13

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.1181	C35E	7	7	10
1.1191	C45E/CK45	7	8	10
1.1197	25MnV5	40	45	58
1.1201	C45R	4	5	6
1.1206	C50E	5	6	7
1.1213	CF53	4	4	5
1.1219	C56E2	5	6	7
1.1231	C67S	8	9	12
1.1236	C66D2	5	6	7
1.1241	C50R	5	6	7
1.1301	19MnVS6	66	74	96
1.1302	30MnVS6	67	75	97
1.1303	38MnVS6	71	80	104
1.1304	46MnVD6	71	80	104
1.1305	46MnVS3	76	86	111
1.2007	70Cr2	21	23	30
1.2067	102Cr6	34	39	49
1.2242	59CrV4	76	86	111
1.2826	60MnSiCr4	23	26	33
1.3505	100Cr6	34	39	49
1.3520	100CrMnSi6-4	51	58	74
1.3531	16CrNiMo6	200	226	291
1.3536	100CrMo7-3	86	96	123
1.3537	100CrMo7	72	81	103
1.3538	100CrMo7-4	113	127	163
1.3539	100CrMnMoSi8-4-6	135	152	195
1.4903	X10CrMoVNb9-1	448	504	647
1.5066	30Mn5	12	13	17
1.5216	17MnV6	84	95	123
1.5217	20MnV6	84	94	122
1.5223	42MnV7	61	69	90
1.5231	38MnSiVS5	69	77	100
1.5232	27MnSiVS6	73	82	107
1.5233	44MnSiVS6	73	82	107
1.5415	16Mo3	53	60	78
1.5423	16Mo5	90	101	131
1.5523	19MnB4	7	7	10
1.5532	38MnB5	9	10	13
1.5662	X 8 Ni 9	693	780	1011
1.5708	12NiCr3	63	71	92
1.5715	16NiCrS4	100	113	145
1.5752	15NiCr13	272	306	396
1.5810	18 NiCr 5-4	129	145	187
1.5918	17 CrNi 6-6	153	173	222
1.6510	39 NiCrMo 3	116	130	168
1.6511	36 CrNiMo 4	140	157	203
1.6522	20 NiCrMo 2	88	99	128
1.6523	20 NiCrMo 2-2	91	102	132
1.6526	20NiCrMoS2-2	89	100	130
1.6527	20NiCrMo3	107	120	156
1.6541	23 MnNiCrMo 5 2	99	111	144
1.6562	40 NiCrMo 8-4	218	246	318
1.6563	41 NiCrMo 7-3-2	202	227	293
1.6566	17 NiCrMo 6-4	161	181	234
1.6580	30 CrNiMo 8	269	302	390
1.6582	34 CrNiMo 6	183	206	266
1.6587	18 CrNiMo 7-6	214	241	311
1.6657	14 NiCrMo 13-4	309	348	450
1.6758	23 MnNiMoCr 5-4	180	202	262
1.6782	16NiCrMo12-6	314	353	456

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.6959	35 NiCrMoV 12-5	412	464	600
1.7016	17Cr3	24	27	35
1.7033	34Cr4	28	32	40
1.7034	37Cr4	28	32	40
1.7035	41Cr4	28	32	40
1.7039	41CrS4	28	32	40
1.7043	38Cr4	28	32	40
1.7076	32CrB4	25	29	36
1.7077	36CrB4	26	29	37
1.7117	52SiCrNi5	83	94	121
1.7131	16 MnCr 5	29	33	42
1.7137	60 MnCrB 3	24	27	34
1.7139	16 MnCrS 5	29	33	42
1.7147	20 MnCr 5	34	38	48
1.7148	30MnCrB4-2	34	38	48
1.7149	20 MnCrS 5	34	38	48
1.7160	16 MnCrB 5	26	29	37
1.7168	18 MnCrB 5	31	35	44
1.7176	55Cr3	27	30	38
1.7177	60Cr3	20	23	29
1.7182	27 MnCrB 5 2	17	19	25
1.7185	33 MnCrB 5 2	18	20	26
1.7213	25 CrMoS 4	60	68	87
1.7216	30 CrMo 4	55	62	80
1.7218	25CrMo4	60	68	87
1.7220	34 CrMo 4	60	68	87
1.7223	41 CrMo 4	63	71	91
1.7225	42CrMo4	63	71	91
1.7226	34 CrMoS 4	63	71	91
1.7227	42 CrMoS 4	63	71	91
1.7228	50 CrMo 4	62	70	90
1.7243	18 CrMo 4	59	67	85
1.7311	20CrMo2	73	83	107
1.7319	20 MoCrS 3	77	87	112
1.7321	20 MoCr 4	86	97	126
1.7323	20 MoCrS 4	86	97	126
1.7325	25 MoCr 4	88	99	127
1.7326	25 MoCrS 4	88	99	127
1.7335	13 CrMo 4-5	93	104	134
1.7362	X12CrMo5	185	208	266
1.7380	10 CrMo 9 10	205	231	297
1.7383	11 CrMo 9-10	205	231	298
1.7386	X 12 CrMo 9 1	349	392	501
1.7701	52CrMoV4	133	150	193
1.8062	46SiCrMo6	69	77	99
1.8070	21 CrMoV 5-11	193	217	280
1.8159	51CrV4	111	125	161
1.8161	58 CrV 4	100	112	145
1.8201	7CrWVMoNb9-6	191	215	276
1.8515	31 CrMo 12	125	140	179
1.8519	31 CrMoV 9	156	176	226
1.8550	34 CrAlNi 7-10	152	171	220
1.8871	P460QH	41	47	60
1.8901	S 460 N	166	186	241
1.8905	P 460 N	66	74	96
1.8907	StE 500	80	90	117
1.8915	P460NL1	69	78	101
1.8928	S690QL	161	181	234

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 836\1E 1120		52	58	75
1E 0778		63	71	91
1E 1054		75	84	109
1E 0769		13	14	18
1E 0509		56	63	81
1E 0621		9	10	14
1E 0686		12	13	17
1E 0951		44	49	64
1E1058		66	74	95
STE 690		186	209	271
1E 0669		9	10	14
1E1497		61	68	88
42CrMo4+Ni+V		141	159	205
F11		100	112	144
F22		200	225	290
B30		16	19	24
123-35MnCrB5		24	28	35
113-35CrB5		28	31	40
108-C40Mn		18	20	26
22MnV6		97	109	141
107-38MnV5		70	79	103
42CrMo4 PBK		68	76	98
42CrMo4 JMBK		79	89	115
X19NiCrMo4		367	413	534
30NiCrMoV7		243	274	354
21CrMoV5.11		314	354	458
A193 B16	ASTM	248	278	360
605M36		52	58	75
MTS 238 / SAE 1141/I		14	16	20
A320 L7		89	100	129
SAE 4320 JDM		197	222	287
A 1041 F		13	15	19
RES166380		47	53	68
RES 10460		21	23	30
8630/vgs		164	185	239
86B45 H		84	94	122
AMS 6418		234	263	341
AISI 8720		95	107	138
SAE 8627H		88	99	128
SAE 8822H		107	120	155
Steel 9313		303	341	441
B222-8		91	102	131
B222-5		52	58	75
B79		110	123	159
JDM 4320		191	214	278
PS65		26	29	37
B222-6(4122 MOD)		46	52	66
B63-2 (V2525-60)		112	126	162
VSCH CRNI 2525 HL		106	119	154
V 2525-50		121	136	176
23CrMoB3		73	82	105
92523		134	151	194
B46-1		164	185	238
B63-1		113	127	164
Aisi 4718		147	165	214
Aisi 4815		335	376	488
1.1301-1.1302 mod		69	78	101

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
23MCD5		66	75	96
1 E 1286		65	74	94
30 Cr Si Mo V 663		146	165	212
41CrS4 Mod 27		43	48	62
15CrNi6		152	171	220
ste890		182	205	265
23MnNiCrMo5.2		106	119	154
TK23F		63	71	92
SAE 8620		91	102	132
D60SiMn5/ A1		29	33	42
39MNCRB6		22	25	32
P420 QH		94	105	136
SA 508 Gr. 3		140	157	203
SA 765 Gr. 4		50	56	72
A694 F65		46	52	68
A182 F1		93	104	135
33MNCRMOB5		43	48	62
37MNCRMOB5		38	42	55
35MNB5		23	26	33
1DRB		39	43	56
47TS2		16	18	24
PS30 SAE 4715		146	165	213
92520		161	181	234
V2906		49	55	71
V2908-95		20	22	28
V2527-70		162	183	236
VW 4227		29	32	41
VW 4521		200	225	291
VW1427		80	90	117
ZF 1		153	173	222
ZF 1 A		214	241	310
ZF 6		36	41	52
ZF 49		71	80	104
ZF 50		7	8	11
ZF 63		30	34	43
ZF 64		28	32	40
ZF 7 B		34	38	48