

**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 Luglio 2018 - valid for July 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	14	18
38 Cr 2 KB	EN 10263-4	17	20	25
34 - 41Cr 4 KB	EN 10263-4	28	32	40
25 - 42 CrMo 4 KB	EN 10263-4	64	72	92
30 -40 NiCrMo 2 KB	EN 10263	115	129	167
38 NiCrMo 4 KB	EN 10263	141	158	204
34 CrNiMo 6 KB	EN 10263-4	222	250	323
40 NiCrMo 7 KB	EN 10263	238	268	346
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		10	12	15
41 Cr 4	EN 10083.1	29	33	41
36 CrMn 4	UNI 7847	30	34	43
51 CrV 4	EN 10083.1	119	134	173
25 - 42 CrMo 4	EN 10083.1	63	71	91
20-25 MoCr4		86	96	124
40 NiCrMo 2	EN 10083.1	105	118	153
36CrNiMo4	EN 10083.1	153	173	223
39 NiCrMo 3	EN 10083.1	140	157	203
40 NiCrMo 7	UNI 6926	240	270	349
30CrNiMo 8	EN 10083.1	314	354	457
30 NiCrMo 12		386	435	563
30 NiCrMoV 12	UNI 6787	456	513	665
36 NiCrMo 16	EN 10083.1	473	532	688
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	29	33	42
20 MnCr 5	EN 10084	34	39	49
SAE 94B17		63	71	92
18 CrMo 4	EN 10084	59	67	85
12 NiCr 3		80	90	117
16 - 20 CrNi 4	EN 10084	121	136	176
16 NiCr 11	EN 10084	286	322	417
16 - 20 NiCrMo 2	EN 10084	102	114	148
18 NiCrMo 5	EN 10084	189	213	275
17 CrNiMo 6	EN 10084	249	280	362
18 NiCrMo 7	EN 10084	255	287	371

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<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	129	145	186
31 CrMoV 9	EN 10085	163	184	236
34 - 42CrAlMo 7	EN 10085	88	99	127
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	28	31	40
36 CrMn 4	UNI 7847	31	35	44
41 CrMo 4	UNI 7847	58	65	83
40 NiCrMo 3	UNI 7847	141	159	206
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	89	101	130
14 CrMo 3	EN 10216	108	121	156
18 CrMoSi 4	EN 10222	120	135	174
11 CrMo 9 10	EN 10222.2	206	231	298
16 CrMo 20 5	EN 10216.2	193	217	277
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	345	389	504
X 12 Ni 09	EN10222-4	885	996	1291
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	36	41	51
100 CrMo 7	EN 683.17	80	90	115
100 CrMn 4	EN 683.17	27	31	39
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	22	25	33
60 SiCr 8	EN 10089	31	35	45
52 SiCrNi 5	EN 10089	95	107	138
45 SiCrMo 6	EN 10089	62	70	90
55 Cr 3	EN 10089	23	26	32
50 CrV 4	EN 10089	114	129	166
51 CrMoV 4	EN 10089	137	155	199
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	67	75	98
19 - 46 MnVS 6	EN 10267	68	76	99
38MnSiVS6		70	78	102
D25M6		76	86	111
48MnV3		57	65	84
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	5	6	7
1.0432	C21	9	10	13
1.0460	P250GH	4	4	5
1.0482	19Mn5	12	13	17
1.0503	C45	4	4	5
1.0511	C40	4	4	5
1.0528	C30	4	4	5
1.0535	C55	4	5	6
1.0540	C50	4	5	6
1.0553	S355J0	10	12	15
1.0565	P355NH	10	12	15
1.0566	P355NL1	7	8	11
1.0570	S355J2G3	8	9	11
1.0577	S355J2	10	11	14
1.0721	10S20	7	8	11
1.0764	36SMn14	9	10	13
1.1108	10Mn4	9	10	13
1.1127	38Mn6	11	13	17
1.1132	C15E2C	5	6	8
1.1140	C15R	5	6	8
1.1141	C15E	5	5	7
1.1160	22Mn6	13	14	18
1.1167	36Mn5	8	9	11

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1.1181	C35E	6	6	8
1.1191	C45E/CK45	6	7	9
1.1197	25MnV5	40	45	58
1.1201	C45R	4	4	5
1.1206	C50E	4	5	6
1.1213	CF53	3	4	5
1.1219	C56E2	4	5	6
1.1231	C67S	7	8	10
1.1236	C66D2	4	5	6
1.1241	C50R	4	5	6
1.1301	19MnVS6	67	75	98
1.1302	30MnVS6	68	76	99
1.1303	38MnVS6	73	82	106
1.1304	46MnVD6	73	82	106
1.1305	46MnVS3	79	89	115
1.2007	70Cr2	21	23	29
1.2067	102Cr6	36	41	51
1.2242	59CrV4	80	90	116
1.2826	60MnSiCr4	21	24	31
1.3505	100Cr6	36	41	51
1.3520	100CrMnSi6-4	54	61	78
1.3531	16CrNiMo6	235	264	341
1.3536	100CrMo7-3	87	97	125
1.3537	100CrMo7	73	82	105
1.3538	100CrMo7-4	113	127	164
1.3539	100CrMnMoSi8-4-6	135	152	195
1.4903	X10CrMoVNb9-1	465	523	670
1.5066	30Mn5	10	12	15
1.5216	17MnV6	87	98	126
1.5217	20MnV6	86	97	126
1.5223	42MnV7	62	70	91
1.5231	38MnSiVS5	70	78	102
1.5232	27MnSiVS6	74	84	109
1.5233	44MnSiVS6	74	84	109
1.5415	16Mo3	51	58	75
1.5423	16Mo5	87	98	127
1.5523	19MnB4	6	6	8
1.5532	38MnB5	7	8	11
1.5662	X 8 Ni 9	884	994	1289
1.5708	12NiCr3	78	87	113
1.5715	16NiCrS4	121	136	176
1.5752	15NiCr13	342	384	498
1.5810	18 NiCr 5-4	158	178	230
1.5918	17 CrNi 6-6	188	212	273
1.6510	39 NiCrMo 3	134	151	195
1.6511	36 CrNiMo 4	163	183	236
1.6522	20 NiCrMo 2	99	111	144
1.6523	20 NiCrMo 2-2	102	114	148
1.6526	20NiCrMoS2-2	100	113	146
1.6527	20NiCrMo3	123	139	179
1.6541	23 MnNiCrMo 5 2	109	123	159
1.6562	40 NiCrMo 8-4	256	288	373
1.6563	41 NiCrMo 7-3-2	240	270	349
1.6566	17 NiCrMo 6-4	189	213	275
1.6580	30 CrNiMo 8	314	354	457
1.6582	34 CrNiMo 6	216	243	314
1.6587	18 CrNiMo 7-6	249	280	362
1.6657	14 NiCrMo 13-4	378	426	551
1.6758	23 MnNiMoCr 5-4	199	223	289
1.6782	16NiCrMo12-6	375	422	546

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1.6959	35 NiCrMoV 12-5	479	539	698
1.7016	17Cr3	25	28	35
1.7033	34Cr4	29	33	41
1.7034	37Cr4	29	33	41
1.7035	41Cr4	29	33	41
1.7039	41CrS4	29	33	41
1.7043	38Cr4	29	33	41
1.7076	32CrB4	26	30	38
1.7077	36CrB4	27	30	38
1.7117	52SiCrNi5	95	107	138
1.7131	16 MnCr 5	29	33	42
1.7137	60 MnCrB 3	24	27	35
1.7139	16 MnCrS 5	29	33	42
1.7147	20 MnCr 5	34	38	49
1.7148	30MnCrB4-2	34	38	49
1.7149	20 MnCrS 5	34	38	49
1.7160	16 MnCrB 5	27	30	38
1.7168	18 MnCrB 5	31	35	45
1.7176	55Cr3	27	30	39
1.7177	60Cr3	21	23	29
1.7182	27 MnCrB 5 2	17	19	24
1.7185	33 MnCrB 5 2	17	19	25
1.7213	25 CrMoS 4	60	68	87
1.7216	30 CrMo 4	56	62	80
1.7218	25CrMo4	60	68	87
1.7220	34 CrMo 4	60	68	87
1.7223	41 CrMo 4	63	70	90
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	72	81	105
1.7319	20 MoCrS 3	76	86	110
1.7321	20 MoCr 4	84	95	123
1.7323	20 MoCrS 4	84	95	123
1.7325	25 MoCr 4	86	96	124
1.7326	25 MoCrS 4	86	96	124
1.7335	13 CrMo 4-5	92	103	133
1.7362	X12CrMo5	191	215	274
1.7380	10 CrMo 9 10	204	230	296
1.7383	11 CrMo 9-10	204	230	296
1.7386	X 12 CrMo 9 1	360	405	517
1.7701	52CrMoV4	137	155	199
1.8062	46SiCrMo6	66	75	96
1.8070	21 CrMoV 5-11	203	228	294
1.8159	51CrV4	117	131	170
1.8161	58 CrV 4	105	118	152
1.8201	7CrWVMoNb9-6	201	226	291
1.8515	31 CrMo 12	128	144	184
1.8519	31 CrMoV 9	163	184	236
1.8550	34 CrAlNi 7-10	177	199	256
1.8871	P460QH	41	46	60
1.8901	S 460 N	175	197	256
1.8905	P 460 N	76	85	111
1.8907	StE 500	94	105	136
1.8915	P460NL1	78	88	114
1.8928	S690QL	189	213	275

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 836\1E 1120		51	57	74
1E 0778		62	70	90
1E 1054		74	84	108
1E 0769		11	12	16
1E 0509		55	62	80
1E 0621		8	9	12
1E 0686		10	11	14
1E 0951		43	48	62
1E1058		66	74	95
STE 690		204	230	297
1E 0669		8	9	12
1E1497		62	70	91
42CrMo4+Ni+V		152	171	221
F11		99	111	143
F22		199	224	289
B30		15	17	22
123-35MnCrB5		24	27	34
113-35CrB5		29	32	41
108-C40Mn		17	19	24
22MnV6		103	116	150
107-38MnV5		73	82	106
42CrMo4 PBK		68	76	98
42CrMo4 JMBK		79	89	114
X19NiCrMo4		454	511	661
30NiCrMoV7		282	317	410
21CrMoV5.11		321	361	467
A193 B16	ASTM	255	287	371
605M36		49	55	71
MTS 238 / SAE 1141/I		12	13	17
A320 L7		95	107	137
SAE 4320 JDM		235	265	343
A 1041 F		11	12	16
RES166380		46	51	66
RES 10460		18	21	27
8630/vgs		181	204	263
86B45 H		92	103	134
AMS 6418		269	303	392
AISI 8720		106	120	155
SAE 8627H		98	110	142
SAE 8822H		115	129	167
Steel 9313		373	420	543
B222-8		93	104	135
B222-5		51	57	73
B79		119	134	173
JDM 4320		227	256	331
PS65		26	29	37
B222-6(4122 MOD)		45	50	65
B63-2 (V2525-60)		130	147	189
VSCH CRNI 2525 HL		126	141	182
V 2525-50		139	156	202
23CrMoB3		72	81	104
92523		157	177	228
B46-1		192	216	280
B63-1		137	154	199
Aisi 4718		166	187	242
Aisi 4815		408	459	595
1.1301-1.1302 mod		71	80	103

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23MCD5		71	79	102
1 E 1286		68	76	98
30 Cr Si Mo V 663		149	168	216
41CrS4 Mod 27		44	49	63
15CrNi6		186	209	270
ste890		215	242	313
23MnNiCrMo5.2		117	132	170
TK23F		74	83	108
S1060		285	321	415
25CRNIMO2		140	157	203
SAE 8620		102	114	148
D60SiMn5/ A1		28	31	40
39MNCRB6		21	24	31
P420 QH		106	119	155
SA 508 Gr. 3		150	168	218
SA 765 Gr. 4		53	60	77
A694 F65		47	53	69
A182 F1		89	101	130
33MNCRMOB5		42	47	60
37MNCRMOB5		37	41	53
35MNB5		22	25	31
1DRB		38	43	55
47TS2		15	17	22
PS30 SAE 4715		160	181	234
92520		189	213	275
V2906		50	56	73
V2908-95		18	20	26
V2527-70		197	221	285
VW 4227		29	33	42
VW 4521		236	265	343
VW1427		83	93	120
ZF 1		188	212	273
ZF 1 A		248	279	361
ZF 6		36	41	52
ZF 49		75	84	109
ZF 50		6	7	9
ZF 63		31	35	44
ZF 64		29	33	41
ZF 7 B		34	38	49