

**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 Marzo 2019 - valid for March 2019 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	10	11	14
38 Cr 2 KB	EN 10263-4	13	15	19
34 - 41Cr 4 KB	EN 10263-4	20	23	29
25 - 42 CrMo 4 KB	EN 10263-4	54	61	79
30 -40 NiCrMo 2 KB	EN 10263	92	104	134
38 NiCrMo 4 KB	EN 10263	110	123	160
34 CrNiMo 6 KB	EN 10263-4	169	190	246
40 NiCrMo 7 KB	EN 10263	181	204	264
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		10	11	14
41 Cr 4	EN 10083.1	21	23	30
36 CrMn 4	UNI 7847	22	25	32
51 CrV 4	EN 10083.1	154	173	224
25 - 42 CrMo 4	EN 10083.1	54	60	78
20-25 MoCr4		79	89	115
40 NiCrMo 2	EN 10083.1	85	96	124
36CrNiMo4	EN 10083.1	117	132	170
39 NiCrMo 3	EN 10083.1	109	123	159
40 NiCrMo 7	UNI 6926	183	206	266
30CrNiMo 8	EN 10083.1	240	271	350
30 NiCrMo 12		298	335	434
30 NiCrMoV 12	UNI 6787	397	447	579
36 NiCrMo 16	EN 10083.1	353	397	514
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	22	25	32
20 MnCr 5	EN 10084	26	29	37
SAE 94B17		51	58	74
18 CrMo 4	EN 10084	50	56	72
12 NiCr 3		58	65	84
16 - 20 CrNi 4	EN 10084	88	99	128
16 NiCr 11	EN 10084	207	233	301
16 - 20 NiCrMo 2	EN 10084	82	92	119
18 NiCrMo 5	EN 10084	144	162	210
17 CrNiMo 6	EN 10084	191	215	277
18 NiCrMo 7	EN 10084	197	221	286

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	105	118	151
31 CrMoV 9	EN 10085	179	201	260
34 - 42CrAlMo 7	EN 10085	73	83	106
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	20	23	29
36 CrMn 4	UNI 7847	23	26	33
41 CrMo 4	UNI 7847	49	55	70
40 NiCrMo 3	UNI 7847	110	123	159
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	86	97	125
14 CrMo 3	EN 10216	98	110	142
18 CrMoSi 4	EN 10222	105	119	153
11 CrMo 9 10	EN 10222.2	183	206	265
16 CrMo 20 5	EN 10216.2	153	172	220
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	251	283	366
X 12 Ni 09	EN10222-4	643	723	937
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	24	27	35
100 CrMo 7	EN 683.17	65	73	94
100 CrMn 4	EN 683.17	21	24	30
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	15	17	22
60 SiCr 8	EN 10089	21	24	31
52 SiCrNi 5	EN 10089	67	76	98
45 SiCrMo 6	EN 10089	50	57	73
55 Cr 3	EN 10089	17	19	24
50 CrV 4	EN 10089	147	165	213
51 CrMoV 4	EN 10089	165	186	240
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	92	104	135
19 - 46 MnVS 6	EN 10267	93	105	135
38MnSiVS6		94	106	137
D25M6		103	116	150
48MnV3		81	91	118
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	4	5	7
1.0432	C21	8	9	12
1.0460	P250GH	4	5	6
1.0482	19Mn5	10	12	15
1.0503	C45	4	5	6
1.0511	C40	4	5	6
1.0528	C30	4	5	6
1.0535	C55	6	7	9
1.0540	C50	5	5	7
1.0553	S355J0	11	12	16
1.0565	P355NH	10	11	15
1.0566	P355NL1	8	9	12
1.0570	S355J2G3	9	10	13
1.0577	S355J2	10	11	15
1.0721	10S20	7	8	10
1.0764	36SMn14	10	11	14
1.1108	10Mn4	9	10	13
1.1127	38Mn6	11	13	17
1.1132	C15E2C	5	5	7
1.1140	C15R	4	5	6
1.1141	C15E	4	4	6
1.1160	22Mn6	12	13	17
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	5	6	7
1.1191	C45E/CK45	6	6	8
1.1197	25MnV5	54	60	78
1.1201	C45R	4	5	6
1.1206	C50E	5	5	7
1.1213	CF53	4	4	5
1.1219	C56E2	5	5	7
1.1231	C67S	6	7	9
1.1236	C66D2	4	4	5
1.1241	C50R	5	5	7
1.1301	19MnVS6	92	104	135
1.1302	30MnVS6	93	105	135
1.1303	38MnVS6	100	113	146
1.1304	46MnVD6	100	113	146
1.1305	46MnVS3	111	125	162
1.2007	70Cr2	16	17	22
1.2067	102Cr6	24	27	35
1.2242	59CrV4	96	108	139
1.2826	60MnSiCr4	16	18	23
1.3505	100Cr6	24	27	35
1.3520	100CrMnSi6-4	39	44	56
1.3531	16CrNiMo6	180	202	261
1.3536	100CrMo7-3	71	80	103
1.3537	100CrMo7	58	65	84
1.3538	100CrMo7-4	97	109	141
1.3539	100CrMnMoSi8-4-6	116	131	168
1.4903	X10CrMoVNb9-1	450	506	651
1.5066	30Mn5	10	11	15
1.5216	17MnV6	122	138	178
1.5217	20MnV6	122	137	178
1.5223	42MnV7	86	97	126
1.5231	38MnSiVS5	94	106	137
1.5232	27MnSiVS6	101	114	147
1.5233	44MnSiVS6	101	114	147
1.5415	16Mo3	49	55	72
1.5423	16Mo5	84	95	123
1.5523	19MnB4	6	7	9
1.5526	30MnB4	11	12	16
1.5532	38MnB5	8	9	12
1.5662	X 8 Ni 9	641	722	935
1.5708	12NiCr3	57	64	82
1.5715	16NiCrS4	88	99	128
1.5752	15NiCr13	247	278	360
1.5810	18 NiCr 5-4	115	129	167
1.5918	17 CrNi 6-6	136	153	197
1.6510	39 NiCrMo 3	105	118	152
1.6511	36 CrNiMo 4	126	142	183
1.6522	20 NiCrMo 2	80	90	116
1.6523	20 NiCrMo 2-2	82	92	119
1.6526	20NiCrMoS2-2	81	91	118
1.6527	20NiCrMo3	98	110	142
1.6541	23 MnNiCrMo 5 2	90	102	132
1.6562	40 NiCrMo 8-4	199	223	289
1.6563	41 NiCrMo 7-3-2	183	206	266
1.6566	17 NiCrMo 6-4	144	162	210
1.6580	30 CrNiMo 8	240	271	350
1.6582	34 CrNiMo 6	164	185	238
1.6587	18 CrNiMo 7-6	191	215	277
1.6657	14 NiCrMo 13-4	283	318	412
1.6758	23 MnNiMoCr 5-4	166	187	242
1.6782	16NiCrMo12-6	285	320	414

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.6959	35 NiCrMoV 12-5	419	471	610
1.7016	17Cr3	18	20	26
1.7033	34Cr4	21	23	30
1.7034	37Cr4	21	23	30
1.7035	41Cr4	21	23	30
1.7039	41CrS4	21	23	30
1.7043	38Cr4	21	23	30
1.7076	32CrB4	19	22	28
1.7077	36CrB4	20	22	29
1.7117	52SiCrNi5	67	76	98
1.7131	16 MnCr 5	22	25	32
1.7137	60 MnCrB 3	18	20	26
1.7139	16 MnCrS 5	22	25	32
1.7147	20 MnCr 5	26	29	37
1.7148	30MnCrB4-2	26	29	37
1.7149	20 MnCrS 5	26	29	37
1.7160	16 MnCrB 5	21	23	29
1.7168	18 MnCrB 5	23	26	34
1.7176	55Cr3	20	22	28
1.7177	60Cr3	16	18	23
1.7182	27 MnCrB 5 2	14	16	21
1.7185	33 MnCrB 5 2	15	17	22
1.7213	25 CrMoS 4	52	59	75
1.7216	30 CrMo 4	47	53	68
1.7218	25CrMo4	52	59	75
1.7220	34 CrMo 4	52	59	75
1.7223	41 CrMo 4	53	60	77
1.7225	42CrMo4	54	60	78
1.7226	34 CrMoS 4	54	60	78
1.7227	42 CrMoS 4	54	60	78
1.7228	50 CrMo 4	53	60	77
1.7243	18 CrMo 4	50	56	72
1.7311	20CrMo2	65	73	95
1.7319	20 MoCrS 3	69	77	100
1.7321	20 MoCr 4	78	88	114
1.7323	20 MoCrS 4	78	88	114
1.7325	25 MoCr 4	79	89	115
1.7326	25 MoCrS 4	79	89	115
1.7335	13 CrMo 4-5	82	93	120
1.7362	X12CrMo5	152	171	219
1.7380	10 CrMo 9 10	182	205	264
1.7383	11 CrMo 9-10	182	205	264
1.7386	X 12 CrMo 9 1	284	319	408
1.7701	52CrMoV4	165	186	240
1.7765	32CrMoV12-10	411	463	598
1.8062	46SiCrMo6	54	61	79
1.8159	51CrV4	154	173	224
1.8161	58 CrV 4	132	149	192
1.8201	7CrWVMoNb9-6	243	274	354
1.8515	31 CrMo 12	104	117	150
1.8519	31 CrMoV 9	179	201	260
1.8550	34 CrAlNi 7-10	134	151	195
1.8871	P460QH	56	63	81
1.8901	S 460 N	204	229	297
1.8905	P 460 N	59	67	86
1.8907	StE 500	72	81	105
1.8915	P460NL1	62	70	90
1.8928	S690QL	144	162	210

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1E 836\1E 1120		46	52	67
1E 0778		55	62	80
1E 1054		66	74	96
1E 0769		11	12	16
1E 0509		47	53	68
1E 0621		8	9	11
1E 0686		10	11	14
1E 0951		38	43	55
1E1058		56	64	82
STE 690		190	213	276
1E 0669		8	9	11
1E1497		85	95	124
42CrMo4+Ni+V		156	175	227
F11		87	98	126
F22		179	201	260
B30		13	15	19
123-35MnCrB5		19	21	28
113-35CrB5		21	24	30
108-C40Mn		14	16	21
22MnV6		129	146	189
107-38MnV5		104	116	151
42CrMo4 PBK		58	65	84
42CrMo4 JMBK		69	78	100
X19NiCrMo4		334	376	486
30NiCrMoV7		240	270	349
21CrMoV5.11		395	444	575
A193 B16	ASTM	316	356	461
605M36		48	54	69
MTS 238 / SAE 1141/I		12	13	17
A320 L7		78	88	113
SAE 4320 JDM		179	202	261
A 1041 F		11	12	16
RES166380		41	46	59
RES 10460		18	20	26
8630/vgs		148	166	215
86B45 H		75	84	109
AMS 6418		210	236	306
AISI 8720		85	96	124
SAE 8627H		78	88	114
SAE 8822H		96	108	140
Steel 9313		274	308	398
B222-8		81	91	117
B222-5		45	50	65
B79		99	111	144
JDM 4320		174	195	253
PS65		20	22	28
B222-6(4122 MOD)		40	45	58
B63-2 (V2525-60)		99	111	144
VSCH CRNI 2525 HL		94	106	136
92421		84	95	123
92216		26	29	37
92145		115	129	167
92523 Pinion		118	133	171
92523 Crown Wheel		119	134	173
V 2525-50		108	121	157
23CrMoB3		64	72	92
92523		119	134	173
B46-1		147	166	214
B63-1		100	113	145
Aisi 4718		134	151	195
Aisi 4815		324	364	472
1.1301-1.1302 mod		99	111	144

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
23MCD5		56	63	80
1 E 1286		78	88	113
30 Cr Si Mo V 663		153	172	222
41CrS4 Mod 27		34	38	49
15CrNi6		133	150	193
ste890		199	224	290
23MnNiCrMo5.2		96	108	139
TK23F		55	62	81
S1060		220	247	320
25CRNIMO2		115	130	168
SAE 8620		82	92	119
D60SiMn5/ A1		20	22	29
39MNCRB6		18	20	26
P420 QH		94	106	137
SA 508 Gr. 3		129	146	189
SA 765 Gr. 4		60	67	87
A694 F65		65	73	95
A182 F1		86	97	126
33MNCRMOB5		37	42	54
37MNCRMOB5		32	36	47
35MNB5		18	20	26
1DRB		32	36	46
47TS2		13	15	19
PS30 SAE 4715		134	150	195
PS55		252	284	368
43crnimo4.6		158	178	230
X30Cr13		186	209	263
92520		144	162	210
TK28A		55	61	79
F22 MOD		209	235	303
TS45.02		5	5	7
86CrMoV7		120	136	175
56NiCrMoV7		286	322	417
0078 A		106	119	154
STE500/GSA10		144	162	210
V2906		70	78	102
20NiCr6		118	132	171
V2905-95		72	81	105
V2908-95		15	17	22
V2525-70		98	110	143
V2527-70		143	161	207
VW 4227		23	25	32
VW 4521		183	206	267
VW1427		115	129	167
ZF 1		136	153	197
ZF 1 A		190	214	277
ZF 6		29	33	42
ZF 49		108	122	158
ZF 50		6	6	8
ZF 63		22	25	32
ZF 64		21	23	29
ZF 7 B		26	29	37