

**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 Maggio 2019 - valid for May 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	21	23	30
25 - 42 CrMo 4 KB	EN 10263-4	61	69	89
30 -40 NiCrMo 2 KB	EN 10263	106	119	154
38 NiCrMo 4 KB	EN 10263	126	142	183
34 CrNiMo 6 KB	EN 10263-4	194	218	282
40 NiCrMo 7 KB	EN 10263	209	235	304
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		10	11	14
41 Cr 4	EN 10083.1	22	24	31
36 CrMn 4	UNI 7847	23	26	33
51 CrV 4	EN 10083.1	118	133	172
25 - 42 CrMo 4	EN 10083.1	60	68	87
20-25 MoCr4		91	103	133
40 NiCrMo 2	EN 10083.1	97	109	142
36CrNiMo4	EN 10083.1	134	151	195
39 NiCrMo 3	EN 10083.1	125	141	182
40 NiCrMo 7	UNI 6926	211	237	307
30CrNiMo 8	EN 10083.1	277	311	402
30 NiCrMo 12		345	389	503
30 NiCrMoV 12	UNI 6787	419	471	610
36 NiCrMo 16	EN 10083.1	408	459	593
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	23	26	33
20 MnCr 5	EN 10084	26	30	38
SAE 94B17		58	65	84
18 CrMo 4	EN 10084	56	63	81
12 NiCr 3		66	74	95
16 - 20 CrNi 4	EN 10084	100	112	145
16 NiCr 11	EN 10084	238	268	346
16 - 20 NiCrMo 2	EN 10084	94	105	136
18 NiCrMo 5	EN 10084	166	186	241
17 CrNiMo 6	EN 10084	219	246	318
18 NiCrMo 7	EN 10084	227	256	331

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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	118	133	170
31 CrMoV 9	EN 10085	156	175	226
34 - 42CrAlMo 7	EN 10085	83	93	119
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	21	23	30
36 CrMn 4	UNI 7847	24	27	34
41 CrMo 4	UNI 7847	55	61	79
40 NiCrMo 3	UNI 7847	126	141	183
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	100	113	146
14 CrMo 3	EN 10216	113	127	164
18 CrMoSi 4	EN 10222	120	135	175
11 CrMo 9 10	EN 10222.2	211	237	306
16 CrMo 20 5	EN 10216.2	172	193	247
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	291	328	425
X 12 Ni 09	EN10222-4	745	839	1087
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	25	29	36
100 CrMo 7	EN 683.17	73	82	105
100 CrMn 4	EN 683.17	22	25	32
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	13	14	18
60 SiCr 8	EN 10089	18	21	27
52 SiCrNi 5	EN 10089	73	82	106
45 SiCrMo 6	EN 10089	54	61	79
55 Cr 3	EN 10089	18	20	25
50 CrV 4	EN 10089	113	127	164
51 CrMoV 4	EN 10089	140	157	203
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	70	78	102
19 - 46 MnVS 6	EN 10267	70	79	102
38MnSiVS6		71	80	104
D25M6		79	89	115
48MnV3		60	68	88
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	4	5	6
1.0432	C21	8	9	12
1.0460	P250GH	4	5	6
1.0482	19Mn5	10	11	14
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	6	7
1.0553	S355J0	11	12	16
1.0565	P355NH	10	11	14
1.0566	P355NL1	9	10	12
1.0570	S355J2G3	9	10	13
1.0577	S355J2	10	11	15
1.0721	10S20	7	8	10
1.0764	36SMn14	10	11	15
1.1108	10Mn4	9	10	12
1.1127	38Mn6	11	13	16
1.1132	C15E2C	4	5	6
1.1140	C15R	4	5	6
1.1141	C15E	4	4	5
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	5	7
1.1191	C45E/CK45	5	6	8
1.1197	25MnV5	41	46	60
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	6	7	9
1.1236	C66D2	4	4	5
1.1241	C50R	5	6	7
1.1301	19MnVS6	70	78	102
1.1302	30MnVS6	70	79	102
1.1303	38MnVS6	75	85	110
1.1304	46MnVD6	75	85	110
1.1305	46MnVS3	82	92	120
1.2007	70Cr2	16	18	23
1.2067	102Cr6	25	29	36
1.2242	59CrV4	76	86	110
1.2826	60MnSiCr4	15	17	22
1.3505	100Cr6	25	29	36
1.3520	100CrMnSi6-4	41	46	58
1.3531	16CrNiMo6	207	233	301
1.3536	100CrMo7-3	80	90	115
1.3537	100CrMo7	65	73	93
1.3538	100CrMo7-4	110	124	160
1.3539	100CrMnMoSi8-4-6	132	149	191
1.4903	X10CrMoVNb9-1	438	493	633
1.5066	30Mn5	10	11	15
1.5216	17MnV6	92	103	134
1.5217	20MnV6	91	103	133
1.5223	42MnV7	66	74	96
1.5231	38MnSiVS5	71	80	104
1.5232	27MnSiVS6	76	86	111
1.5233	44MnSiVS6	76	86	111
1.5415	16Mo3	57	64	83
1.5423	16Mo5	99	112	145
1.5523	19MnB4	7	7	10
1.5526	30MnB4	11	13	17
1.5532	38MnB5	9	10	13
1.5662	X 8 Ni 9	744	837	1085
1.5708	12NiCr3	65	73	94
1.5715	16NiCrS4	100	112	145
1.5752	15NiCr13	285	320	414
1.5810	18 NiCr 5-4	131	148	191
1.5918	17 CrNi 6-6	155	174	225
1.6510	39 NiCrMo 3	121	136	175
1.6511	36 CrNiMo 4	145	163	211
1.6522	20 NiCrMo 2	92	104	134
1.6523	20 NiCrMo 2-2	94	105	136
1.6526	20NiCrMoS2-2	93	105	136
1.6527	20NiCrMo3	113	127	164
1.6541	23 MnNiCrMo 5 2	104	117	151
1.6562	40 NiCrMo 8-4	229	258	334
1.6563	41 NiCrMo 7-3-2	211	237	307
1.6566	17 NiCrMo 6-4	166	186	241
1.6580	30 CrNiMo 8	277	311	402
1.6582	34 CrNiMo 6	189	212	274
1.6587	18 CrNiMo 7-6	219	246	318
1.6657	14 NiCrMo 13-4	327	368	477
1.6758	23 MnNiMoCr 5-4	193	217	281
1.6782	16NiCrMo12-6	329	370	479

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.6959	35 NiCrMoV 12-5	440	495	641
1.7016	17Cr3	19	21	27
1.7033	34Cr4	22	24	31
1.7034	37Cr4	22	24	31
1.7035	41Cr4	22	24	31
1.7039	41CrS4	22	24	31
1.7043	38Cr4	22	24	31
1.7076	32CrB4	20	23	29
1.7077	36CrB4	22	25	31
1.7117	52SiCrNi5	73	82	106
1.7131	16 MnCr 5	23	26	33
1.7137	60 MnCrB 3	19	21	27
1.7139	16 MnCrS 5	23	26	33
1.7147	20 MnCr 5	26	30	38
1.7148	30MnCrB4-2	26	30	38
1.7149	20 MnCrS 5	26	30	38
1.7160	16 MnCrB 5	22	24	31
1.7168	18 MnCrB 5	24	27	35
1.7176	55Cr3	20	23	29
1.7177	60Cr3	17	19	24
1.7182	27 MnCrB 5 2	15	17	22
1.7185	33 MnCrB 5 2	16	18	22
1.7213	25 CrMoS 4	59	67	86
1.7216	30 CrMo 4	53	59	77
1.7218	25CrMo4	59	67	86
1.7220	34 CrMo 4	59	67	86
1.7223	41 CrMo 4	60	67	87
1.7225	42CrMo4	60	68	87
1.7226	34 CrMoS 4	60	68	87
1.7227	42 CrMoS 4	60	68	87
1.7228	50 CrMo 4	60	67	86
1.7243	18 CrMo 4	56	63	81
1.7311	20CrMo2	75	84	109
1.7319	20 MoCrS 3	78	88	114
1.7321	20 MoCr 4	90	102	132
1.7323	20 MoCrS 4	90	102	132
1.7325	25 MoCr 4	91	103	133
1.7326	25 MoCrS 4	91	103	133
1.7335	13 CrMo 4-5	95	107	138
1.7362	X12CrMo5	171	193	247
1.7380	10 CrMo 9 10	210	237	306
1.7383	11 CrMo 9-10	211	237	306
1.7386	X 12 CrMo 9 1	318	358	458
1.7701	52CrMoV4	140	157	203
1.7765	32CrMoV12-10	380	427	552
1.8062	46SiCrMo6	59	66	85
1.8159	51CrV4	118	133	172
1.8161	58 CrV 4	103	115	149
1.8201	7CrWVMoNb9-6	200	225	290
1.8515	31 CrMo 12	118	132	170
1.8519	31 CrMoV 9	156	175	226
1.8550	34 CrAlNi 7-10	154	173	223
1.8871	P460QH	43	49	63
1.8901	S 460 N	181	204	264
1.8905	P 460 N	67	75	97
1.8907	StE 500	81	92	119
1.8915	P460NL1	70	78	101
1.8928	S690QL	166	186	241

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 836\1E 1120		52	59	76
1E 0778		63	71	91
1E 1054		75	85	109
1E 0769		11	12	16
1E 0509		53	59	76
1E 0621		7	8	11
1E 0686		10	11	14
1E 0951		42	48	61
1E1058		64	72	93
STE 690		201	226	293
1E 0669		7	8	11
1E1497		65	73	94
42CrMo4+Ni+V		147	165	213
F11		99	112	144
F22		208	234	302
B30		13	15	19
123-35MnCrB5		19	22	28
113-35CrB5		22	24	31
108-C40Mn		14	16	21
22MnV6		103	116	150
107-38MnV5		77	87	112
42CrMo4 PBK		65	73	95
42CrMo4 JMBK		78	88	114
X19NiCrMo4		386	434	562
30NiCrMoV7		258	290	376
21CrMoV5.11		363	408	528
A193 B16	ASTM	270	304	394
605M36		54	61	79
MTS 238 / SAE 1141/I		11	13	17
A320 L7		89	100	129
SAE 4320 JDM		207	233	302
A 1041 F		11	12	16
RES166380		45	51	66
RES 10460		18	20	26
8630/vgs		170	191	247
86B45 H		85	96	124
AMS 6418		239	269	349
AISI 8720		97	110	142
SAE 8627H		90	101	131
SAE 8822H		111	125	161
Steel 9313		315	354	459
B222-8		92	104	134
B222-5		50	56	72
B79		114	128	165
JDM 4320		201	226	292
PS65		20	23	29
B222-6(4122 MOD)		44	50	64
B63-2 (V2525-60)		113	127	164
VSCH CRNI 2525 HL		107	120	155
92421		97	109	141
92216		26	30	38
92145		86	97	125
92523 Pinion		134	151	195
92523 Crown Wheel		136	153	198
V 2525-50		123	139	179
23CrMoB3		72	81	105
92523		136	153	198
B46-1		169	190	246
B63-1		114	128	165
Aisi 4718		155	174	225
Aisi 4815		359	404	524
1.1301-1.1302 mod		75	84	109

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
23MCD5		62	69	89
1 E 1286		63	71	92
30 Cr Si Mo V 663		138	155	200
41CrS4 Mod 27		37	42	53
15CrNi6		151	170	220
ste890		229	258	333
23MnNiCrMo5.2		110	123	160
TK23F		62	70	90
S1060		253	284	368
25CRNIMO2		133	149	193
SAE 8620		94	105	136
D60SiMn5/ A1		19	21	27
39MNCRB6		18	21	27
P420 QH		98	110	143
SA 508 Gr. 3		150	169	219
SA 765 Gr. 4		51	58	74
A694 F65		50	56	72
A182 F1		101	113	147
33MNCRMOB5		41	46	59
37MNCRMOB5		35	40	51
35MNB5		19	21	27
1DRB		34	38	49
47TS2		13	15	19
PS30 SAE 4715		155	174	225
PS55		293	329	427
43crnimo4.6		181	204	264
X30Cr13		197	222	279
92520		166	186	241
TK28A		61	69	89
F22 MOD		242	272	351
TS45.02		5	6	7
86CrMoV7		112	126	162
56NiCrMoV7		299	336	435
0078 A		108	122	157
STE500/GSA10		107	121	157
V2906		52	59	76
20NiCr6		134	150	194
UC1		6	7	9
V2905-95		53	60	78
V2908-95		15	17	21
V2525-70		112	126	162
V2527-70		163	183	236
VW 4227		24	27	34
VW 4521		212	239	309
VW1427		86	97	125
ZF 1		155	174	225
ZF 1 A		218	246	318
ZF 6		31	35	45
ZF 49		80	90	117
ZF 50		5	6	8
ZF 63		23	26	33
ZF 64		21	24	30
ZF 7 B		26	30	38