

**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 Aprile 2019 - valid for April 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	61	68	88
30 -40 NiCrMo 2 KB	EN 10263	104	117	152
38 NiCrMo 4 KB	EN 10263	124	140	181
34 CrNiMo 6 KB	EN 10263-4	191	215	278
40 NiCrMo 7 KB	EN 10263	206	232	301
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		9	11	14
41 Cr 4	EN 10083.1	21	24	30
36 CrMn 4	UNI 7847	22	25	32
51 CrV 4	EN 10083.1	131	147	190
25 - 42 CrMo 4	EN 10083.1	60	67	86
20-25 MoCr4		91	102	132
40 NiCrMo 2	EN 10083.1	96	108	140
36CrNiMo4	EN 10083.1	132	149	192
39 NiCrMo 3	EN 10083.1	124	139	180
40 NiCrMo 7	UNI 6926	208	234	303
30CrNiMo 8	EN 10083.1	273	307	397
30 NiCrMo 12		341	384	497
30 NiCrMoV 12	UNI 6787	424	477	618
36 NiCrMo 16	EN 10083.1	402	453	586
<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		57	64	83
18 CrMo 4	EN 10084	55	62	80
12 NiCr 3		65	73	94
16 - 20 CrNi 4	EN 10084	98	111	143
16 NiCr 11	EN 10084	235	264	342
16 - 20 NiCrMo 2	EN 10084	92	104	135
18 NiCrMo 5	EN 10084	163	184	238
17 CrNiMo 6	EN 10084	216	243	314
18 NiCrMo 7	EN 10084	224	253	327

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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	116	131	168
31 CrMoV 9	EN 10085	166	186	240
34 - 42CrAlMo 7	EN 10085	82	92	118
<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	54	61	78
40 NiCrMo 3	UNI 7847	124	140	181
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	100	112	146
14 CrMo 3	EN 10216	112	126	163
18 CrMoSi 4	EN 10222	120	135	174
11 CrMo 9 10	EN 10222.2	210	236	304
16 CrMo 20 5	EN 10216.2	169	191	244
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	287	323	419
X 12 Ni 09	EN10222-4	735	827	1072
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	25	28	35
100 CrMo 7	EN 683.17	72	81	104
100 CrMn 4	EN 683.17	21	24	30
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	14	16	21
60 SiCr 8	EN 10089	20	23	29
52 SiCrNi 5	EN 10089	73	82	106
45 SiCrMo 6	EN 10089	55	62	80
55 Cr 3	EN 10089	17	19	24
50 CrV 4	EN 10089	125	140	181
51 CrMoV 4	EN 10089	150	169	218
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	77	87	113
19 - 46 MnVS 6	EN 10267	78	88	114
38MnSiVS6		79	89	115
D25M6		87	98	127
48MnV3		67	76	98
<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	5	7
1.0553	S355J0	10	12	15
1.0565	P355NH	10	11	14
1.0566	P355NL1	8	9	12
1.0570	S355J2G3	8	9	12
1.0577	S355J2	10	11	14
1.0721	10S20	7	8	10
1.0764	36SMn14	9	11	14
1.1108	10Mn4	8	9	12
1.1127	38Mn6	11	12	16
1.1132	C15E2C	4	5	7
1.1140	C15R	4	5	6
1.1141	C15E	4	4	5
1.1160	22Mn6	11	13	17
1.1167	36Mn5	8	9	12

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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	45	51	66
1.1201	C45R	4	5	6
1.1206	C50E	5	5	7
1.1213	CF53	3	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	77	87	113
1.1302	30MnVS6	78	88	114
1.1303	38MnVS6	84	95	123
1.1304	46MnVD6	84	94	122
1.1305	46MnVS3	92	104	135
1.2007	70Cr2	16	17	22
1.2067	102Cr6	25	28	35
1.2242	59CrV4	83	93	120
1.2826	60MnSiCr4	15	17	22
1.3505	100Cr6	25	28	35
1.3520	100CrMnSi6-4	40	45	57
1.3531	16CrNiMo6	204	229	296
1.3536	100CrMo7-3	79	89	114
1.3537	100CrMo7	64	72	92
1.3538	100CrMo7-4	109	123	158
1.3539	100CrMnMoSi8-4-6	131	147	190
1.4903	X10CrMoVNb9-1	450	506	651
1.5066	30Mn5	10	11	14
1.5216	17MnV6	102	115	149
1.5217	20MnV6	102	114	148
1.5223	42MnV7	73	82	106
1.5231	38MnSiVS5	79	89	115
1.5232	27MnSiVS6	85	95	124
1.5233	44MnSiVS6	85	95	124
1.5415	16Mo3	57	64	83
1.5423	16Mo5	99	111	144
1.5523	19MnB4	6	7	9
1.5526	30MnB4	11	12	16
1.5532	38MnB5	8	9	12
1.5662	X 8 Ni 9	734	825	1070
1.5708	12NiCr3	63	71	92
1.5715	16NiCrS4	98	111	143
1.5752	15NiCr13	281	316	409
1.5810	18 NiCr 5-4	129	145	188
1.5918	17 CrNi 6-6	152	171	221
1.6510	39 NiCrMo 3	119	134	173
1.6511	36 CrNiMo 4	143	161	208
1.6522	20 NiCrMo 2	91	102	132
1.6523	20 NiCrMo 2-2	93	104	135
1.6526	20NiCrMoS2-2	92	103	134
1.6527	20NiCrMo3	111	125	162
1.6541	23 MnNiCrMo 5 2	102	115	149
1.6562	40 NiCrMo 8-4	226	255	330
1.6563	41 NiCrMo 7-3-2	208	234	303
1.6566	17 NiCrMo 6-4	163	184	238
1.6580	30 CrNiMo 8	273	307	397
1.6582	34 CrNiMo 6	186	209	270
1.6587	18 CrNiMo 7-6	216	243	314
1.6657	14 NiCrMo 13-4	323	363	470
1.6758	23 MnNiMoCr 5-4	191	214	278
1.6782	16NiCrMo12-6	325	365	473

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.6959	35 NiCrMoV 12-5	446	502	650
1.7016	17Cr3	18	20	26
1.7033	34Cr4	21	24	30
1.7034	37Cr4	21	24	30
1.7035	41Cr4	21	24	30
1.7039	41CrS4	21	24	30
1.7043	38Cr4	21	24	30
1.7076	32CrB4	20	22	28
1.7077	36CrB4	20	23	29
1.7117	52SiCrNi5	73	82	106
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	30
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	20
1.7185	33 MnCrB 5 2	15	17	21
1.7213	25 CrMoS 4	58	66	84
1.7216	30 CrMo 4	52	59	76
1.7218	25CrMo4	58	66	84
1.7220	34 CrMo 4	58	66	84
1.7223	41 CrMo 4	59	67	86
1.7225	42CrMo4	60	67	86
1.7226	34 CrMoS 4	60	67	86
1.7227	42 CrMoS 4	60	67	86
1.7228	50 CrMo 4	59	66	85
1.7243	18 CrMo 4	55	62	80
1.7311	20CrMo2	74	84	108
1.7319	20 MoCrS 3	77	87	112
1.7321	20 MoCr 4	90	101	131
1.7323	20 MoCrS 4	90	101	131
1.7325	25 MoCr 4	91	102	132
1.7326	25 MoCrS 4	91	102	132
1.7335	13 CrMo 4-5	94	106	137
1.7362	X12CrMo5	169	190	243
1.7380	10 CrMo 9 10	209	235	303
1.7383	11 CrMo 9-10	209	235	303
1.7386	X 12 CrMo 9 1	314	353	452
1.7701	52CrMoV4	150	169	218
1.7765	32CrMoV12-10	399	449	581
1.8062	46SiCrMo6	60	67	87
1.8159	51CrV4	131	147	190
1.8161	58 CrV 4	113	127	164
1.8201	7CrWVMoNb9-6	217	244	314
1.8515	31 CrMo 12	116	130	167
1.8519	31 CrMoV 9	166	186	240
1.8550	34 CrAlNi 7-10	151	170	220
1.8871	P460QH	47	53	69
1.8901	S 460 N	192	216	280
1.8905	P 460 N	66	74	96
1.8907	StE 500	80	90	117
1.8915	P460NL1	69	77	100
1.8928	S690QL	163	184	238

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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		62	70	90
1E 1054		75	84	108
1E 0769		11	12	15
1E 0509		52	58	75
1E 0621		7	8	11
1E 0686		9	10	14
1E 0951		42	47	61
1E1058		63	71	92
STE 690		204	229	297
1E 0669		7	8	11
1E1497		71	80	104
42CrMo4+Ni+V		153	172	222
F11		99	111	143
F22		206	231	299
B30		13	15	19
123-35MnCrB5		19	21	27
113-35CrB5		21	24	30
108-C40Mn		14	16	20
22MnV6		113	127	164
107-38MnV5		86	97	126
42CrMo4 PBK		65	73	93
42CrMo4 JMBK		78	87	113
X19NiCrMo4		381	428	554
30NiCrMoV7		260	292	378
21CrMoV5.11		383	431	558
A193 B16	ASTM	291	327	424
605M36		54	60	78
MTS 238 / SAE 1141/I		11	12	16
A320 L7		87	98	127
SAE 4320 JDM		205	231	299
A 1041 F		10	12	15
RES166380		45	50	65
RES 10460		17	20	25
8630/vgs		168	189	245
86B45 H		84	95	123
AMS 6418		238	268	347
AISI 8720		96	108	140
SAE 8627H		89	100	129
SAE 8822H		110	123	160
Steel 9313		311	349	452
B222-8		91	103	133
B222-5		49	55	71
B79		112	127	164
JDM 4320		198	223	289
PS65		20	22	28
B222-6(4122 MOD)		44	49	63
B63-2 (V2525-60)		111	125	161
VSCH CRNI 2525 HL		105	118	152
92421		96	108	140
92216		26	29	37
92145		96	108	140
92523 Pinion		132	149	193
92523 Crown Wheel		134	151	195
V 2525-50		122	137	177
23CrMoB3		72	81	104
92523		134	151	195
B46-1		167	188	243
B63-1		112	126	162
Aisi 4718		153	172	223
Aisi 4815		359	404	523
1.1301-1.1302 mod		83	93	121

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
23MCD5		60	68	87
1 E 1286		68	77	99
30 Cr Si Mo V 663		146	164	211
41CrS4 Mod 27		36	41	53
15CrNi6		149	168	216
ste890		226	254	329
23MnNiCrMo5.2		108	122	157
TK23F		61	68	88
S1060		250	281	363
25CRNIMO2		131	148	191
SAE 8620		92	104	135
D60SiMn5/ A1		19	22	28
39MNCRB6		18	20	26
P420 QH		99	111	144
SA 508 Gr. 3		149	167	217
SA 765 Gr. 4		54	61	79
A694 F65		55	62	80
A182 F1		100	113	146
33MNCRMOB5		40	45	59
37MNCRMOB5		35	39	50
35MNB5		18	20	26
1DRB		34	38	48
47TS2		13	14	18
PS30 SAE 4715		153	172	223
PS55		290	326	422
43crnimo4.6		179	201	260
X30Cr13		191	215	272
92520		163	184	238
TK28A		60	67	87
F22 MOD		239	269	348
TS45.02		5	5	7
86CrMoV7		117	131	169
56NiCrMoV7		303	341	442
0078 A		110	124	160
STE500/GSA10		120	135	175
V2906		58	65	85
20NiCr6		132	148	191
UC1		6	7	9
V2905-95		60	67	87
V2908-95		15	16	21
V2525-70		110	123	159
V2527-70		160	180	233
VW 4227		23	26	33
VW 4521		209	236	305
VW1427		96	108	140
ZF 1		152	171	221
ZF 1 A		216	243	313
ZF 6		30	34	44
ZF 49		90	101	131
ZF 50		5	6	8
ZF 63		22	25	32
ZF 64		21	23	30
ZF 7 B		26	29	37