

**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 2019 - valid for July 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
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	9	10	13
38 Cr 2 KB	EN 10263-4	12	14	18
34 - 41Cr 4 KB	EN 10263-4	19	21	27
25 - 42 CrMo 4 KB	EN 10263-4	58	65	84
30 -40 NiCrMo 2 KB	EN 10263	95	107	139
38 NiCrMo 4 KB	EN 10263	113	127	164
34 CrNiMo 6 KB	EN 10263-4	172	193	250
40 NiCrMo 7 KB	EN 10263	185	208	269
Acciai da bonifica / Hardening and tempering steels				
QS1105200		9	10	13
41 Cr 4	EN 10083.1	19	22	28
36 CrMn 4	UNI 7847	21	23	30
51 CrV 4	EN 10083.1	68	77	99
25 - 42 CrMo 4	EN 10083.1	57	64	83
20-25 MoCr4		88	99	128
40 NiCrMo 2	EN 10083.1	88	99	129
36CrNiMo4	EN 10083.1	119	134	173
39 NiCrMo 3	EN 10083.1	112	126	163
40 NiCrMo 7	UNI 6926	186	209	271
30CrNiMo 8	EN 10083.1	246	276	357
30 NiCrMo 12		306	344	446
30 NiCrMoV 12	UNI 6787	344	387	501
36 NiCrMo 16	EN 10083.1	357	401	519
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	21	23	30
20 MnCr 5	EN 10084	24	27	34
SAE 94B17		52	59	76
18 CrMo 4	EN 10084	53	59	77
12 NiCr 3		57	64	82
16 - 20 CrNi 4	EN 10084	86	97	125
16 NiCr 11	EN 10084	204	230	297
16 - 20 NiCrMo 2	EN 10084	85	95	123
18 NiCrMo 5	EN 10084	147	165	213
17 CrNiMo 6	EN 10084	195	219	283
18 NiCrMo 7	EN 10084	202	227	294

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Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	110	124	159
31 CrMoV 9	EN 10085	110	124	160
34 - 41CrAlMo 7	EN 10085	78	87	112
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	19	21	27
36 CrMn 4	UNI 7847	21	24	31
41 CrMo 4	UNI 7847	52	58	75
40 NiCrMo 3	UNI 7847	112	126	163
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	97	109	142
14 CrMo 3	EN 10216	108	122	157
18 CrMoSi 4	EN 10222	114	129	166
11 CrMo 9 10	EN 10222.2	202	227	293
16 CrMo 20 5	EN 10216.2	160	180	231
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	250	281	364
X 12 Ni 09	EN10222-4	638	718	931
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	23	25	32
100 CrMo 7	EN 683.17	68	77	99
100 CrMn 4	EN 683.17	20	23	29
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	10	12	15
60 SiCr 8	EN 10089	16	18	23
52 SiCrNi 5	EN 10089	63	71	91
45 SiCrMo 6	EN 10089	50	57	73
55 Cr 3	EN 10089	16	18	23
50 CrV 4	EN 10089	66	74	95
51 CrMoV 4	EN 10089	95	107	138
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	40	45	58
19 - 46 MnVS 6	EN 10267	40	45	58
38MnSiVS6		41	46	60
D25M6		46	52	67
48MnV3		33	37	49
Acciai vari / Other steels				
1.0038	S235JR	4	4	6
1.0432	C21	8	9	11
1.0460	P250GH	4	5	6
1.0482	19Mn5	9	10	13
1.0503	C45	4	5	6
1.0511	C40	4	5	6
1.0528	C30	4	5	6
1.0535	C55	6	6	8
1.0540	C50	5	6	7
1.0553	S355J0	10	12	15
1.0565	P355NH	9	10	14
1.0566	P355NL1	8	9	12
1.0570	S355J2G3	9	10	13
1.0577	S355J2	10	11	14
1.0721	10S20	7	7	10
1.0764	36SMn14	10	11	14
1.1108	10Mn4	8	9	12
1.1127	38Mn6	11	12	16
1.1132	C15E2C	4	5	6
1.1140	C15R	4	4	5
1.1141	C15E	3	4	5
1.1160	22Mn6	11	13	16
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	4	5	6
1.1191	C45E/CK45	5	6	7
1.1197	25MnV5	25	28	36
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	6	8
1.1236	C66D2	3	4	5
1.1241	C50R	5	6	7
1.1301	19MnVS6	40	45	58
1.1302	30MnVS6	40	45	58
1.1303	38MnVS6	43	48	62
1.1304	46MnVD6	43	48	62
1.1305	46MnVS3	44	50	64
1.2007	70Cr2	14	16	21
1.2067	102Cr6	23	25	32
1.2242	59CrV4	47	53	68
1.2826	60MnSiCr4	13	15	19
1.3505	100Cr6	23	25	32
1.3520	100CrMnSi6-4	36	40	52
1.3531	16CrNiMo6	184	207	267
1.3536	100CrMo7-3	75	84	108
1.3537	100CrMo7	60	68	87
1.3538	100CrMo7-4	105	118	152
1.3539	100CrMnMoSi8-4-6	125	141	182
1.4903	X10CrMoVNb9-1	359	404	519
1.5066	30Mn5	10	11	14
1.5216	17MnV6	51	58	75
1.5217	20MnV6	51	57	74
1.5223	42MnV7	39	44	57
1.5231	38MnSiVS5	41	46	60
1.5232	27MnSiVS6	43	49	63
1.5233	44MnSiVS6	43	49	63
1.5415	16Mo3	55	62	80
1.5423	16Mo5	96	108	141
1.5523	19MnB4	6	7	9
1.5526	30MnB4	11	12	16
1.5532	38MnB5	9	10	12
1.5662	X 8 Ni 9	637	716	929
1.5708	12NiCr3	56	63	81
1.5715	16NiCrS4	86	97	125
1.5752	15NiCr13	244	275	356
1.5810	18 NiCr 5-4	114	128	165
1.5918	17 CrNi 6-6	134	151	194
1.6510	39 NiCrMo 3	108	121	157
1.6511	36 CrNiMo 4	129	146	188
1.6522	20 NiCrMo 2	84	94	122
1.6523	20 NiCrMo 2-2	85	96	124
1.6526	20NiCrMoS2-2	85	95	123
1.6527	20NiCrMo3	101	114	147
1.6541	23 MnNiCrMo 5 2	95	107	139
1.6562	40 NiCrMo 8-4	204	229	297
1.6563	41 NiCrMo 7-3-2	186	209	271
1.6566	17 NiCrMo 6-4	147	165	213
1.6580	30 CrNiMo 8	246	276	357
1.6582	34 CrNiMo 6	167	188	243
1.6587	18 CrNiMo 7-6	195	219	283
1.6657	14 NiCrMo 13-4	286	322	416
1.6758	23 MnNiMoCr 5-4	177	199	258
1.6782	16NiCrMo12-6	290	326	422

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.6959	35 NiCrMoV 12-5	362	407	527
1.7016	17Cr3	17	19	24
1.7033	34Cr4	19	22	28
1.7034	37Cr4	19	22	28
1.7035	41Cr4	19	22	28
1.7039	41CrS4	19	22	28
1.7043	38Cr4	19	22	28
1.7076	32CrB4	19	21	27
1.7077	36CrB4	20	22	28
1.7117	52SiCrNi5	63	71	91
1.7131	16 MnCr 5	21	23	30
1.7137	60 MnCrB 3	17	19	24
1.7139	16 MnCrS 5	21	23	30
1.7147	20 MnCr 5	24	27	34
1.7148	30MnCrB4-2	24	27	34
1.7149	20 MnCrS 5	24	27	34
1.7160	16 MnCrB 5	20	22	29
1.7168	18 MnCrB 5	22	25	32
1.7176	55Cr3	18	20	26
1.7177	60Cr3	15	17	22
1.7182	27 MnCrB 5 2	14	16	20
1.7185	33 MnCrB 5 2	15	17	21
1.7213	25 CrMoS 4	56	63	81
1.7216	30 CrMo 4	50	56	72
1.7218	25CrMo4	56	63	81
1.7220	34 CrMo 4	56	63	81
1.7223	41 CrMo 4	56	64	82
1.7225	42CrMo4	57	64	83
1.7226	34 CrMoS 4	57	64	83
1.7227	42 CrMoS 4	57	64	83
1.7228	50 CrMo 4	56	63	82
1.7243	18 CrMo 4	53	59	77
1.7311	20CrMo2	72	81	104
1.7319	20 MoCrS 3	75	84	109
1.7321	20 MoCr 4	87	98	126
1.7323	20 MoCrS 4	87	98	126
1.7325	25 MoCr 4	88	99	128
1.7326	25 MoCrS 4	88	99	128
1.7335	13 CrMo 4-5	91	102	132
1.7337	16 CrMo 4-4	94	106	137
1.7362	X12CrMo5	160	180	231
1.7380	10 CrMo 9 10	201	226	292
1.7383	11 CrMo 9-10	201	227	292
1.7386	X 12 CrMo 9 1	296	333	426
1.7701	52CrMoV4	95	107	138
1.7765	32CrMoV12-10	289	325	420
1.8062	46SiCrMo6	55	62	80
1.8159	51CrV4	68	77	99
1.8161	58 CrV 4	60	68	87
1.8201	7CrWVMoNb9-6	128	144	186
1.8515	31 CrMo 12	110	124	159
1.8519	31 CrMoV 9	110	124	160
1.8550	34 CrAlNi 7-10	137	154	198
1.8871	P460QH	27	30	39
1.8901	S 460 N	129	146	189
1.8905	P 460 N	59	66	86
1.8907	StE 500	72	81	105
1.8915	P460NL1	62	70	91
1.8928	S690QL	147	165	213
1E 836\1E 1120		50	56	73
1E 0778		60	67	87

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 1054		72	81	104
1E 0769		11	12	15
1E 0509		50	56	72
1E 0621		7	8	10
1E 0686		9	10	13
1E 0951		40	45	58
1E1058		61	68	88
STE 690		172	193	250
1E 0669		7	8	10
1E1497		37	42	54
42CrMo4+Ni+V		112	126	163
F11		94	106	137
F22		199	224	289
B30		13	14	18
123-35MnCrB5		18	20	26
113-35CrB5		20	22	28
108-C40Mn		13	15	19
22MnV6		63	71	91
107-38MnV5		42	47	61
42CrMo4 PBK		62	70	90
42CrMo4 JMBK		75	84	108
X19NiCrMo4		334	376	487
30NiCrMoV7		217	244	316
21CrMoV5.11		275	309	400
A193 B16	ASTM	185	209	270
605M36		53	59	77
MTS 238 / SAE 1141/I		11	12	16
A320 L7		82	92	119
SAE 4320 JDM		183	206	266
A 1041 F		10	12	15
RES166380		43	48	63
RES 10460		17	20	25
8630/vgs		155	175	226
86B45 H		78	88	113
AMS 6418		213	240	311
AISI 8720		88	99	128
SAE 8627H		81	91	118
SAE 8822H		102	115	149
Steel 9313		273	307	397
B222-8		87	98	126
B222-5		47	53	69
B79		105	118	152
JDM 4320		177	199	258
PS65		18	21	26
B222-6(4122 MOD)		42	47	61
B63-2 (V2525-60)		100	112	145
VSCH CRNI 2525 HL		94	105	136
92421		93	104	135
92216		24	27	34
92145		48	54	70
92523 Pinion		119	133	172
92523 Crown Wheel		120	135	175
92520		137	154	199
V 2525-50		110	124	160
23CrMoB3		69	78	100
92523		120	135	175
B46-1		150	169	218
B63-1		99	111	143
18NCD4 RENAULT (C9)		96	108	139
Aisi 4718		140	157	204
Aisi 4815		303	341	442
1.1301-1.1302 mod		42	47	61

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23MCD5		56	63	81
1 E 1286		41	46	60
30 Cr Si Mo V 663		103	116	150
41CrS4 Mod 27		34	39	49
15CrNi6		130	147	189
ste890		203	228	295
23MnNiCrMo5.2		100	112	145
TK23F		54	61	79
S1060		225	253	327
25CRNIMO2		122	137	177
SAE 8620		85	95	123
D60SiMn5/ A1		17	19	24
39MNCRB6		17	19	25
P420 QH		81	92	119
SA 508 Gr. 3		139	157	203
SA 765 Gr. 4		35	40	51
A694 F65		29	33	43
A182 F1		98	110	142
33MNCRMOB5		39	44	56
37MNCRMOB5		33	38	49
35MNB5		17	19	25
1DRB		32	36	46
47TS2		12	14	17
PS30 SAE 4715		142	160	207
PS55		266	299	387
43crnimo4.6		161	181	233
X30Cr13		175	196	248
C50+MO		15	17	22
92520		147	165	213
TK28A		54	61	79
F22 MOD		228	256	331
TS45.02		5	6	7
86CrMoV7		86	97	124
56NiCrMoV7		247	278	360
0078 A		91	102	132
STE500/GSA10		59	66	86
V2906		29	33	42
20NiCr6		115	130	168
UC1		6	6	8
V2905-95		29	33	42
V2908-95		14	15	20
V2525-70		97	109	140
V2527-70		141	159	205
VW 4227		22	25	31
VW 4521		189	212	275
VW1427		48	54	70
ZF 1		134	151	194
ZF 1 A		194	219	283
ZF 6		29	33	42
ZF 49		43	48	62
ZF 50		5	6	7
ZF 63		21	23	30
ZF 64		19	22	27
ZF 7 B		24	27	34