

**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 Settembre 2019 - valid for September 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	7	8	10
38 Cr 2 KB	EN 10263-4	9	10	13
34 - 41Cr 4 KB	EN 10263-4	14	15	20
25 - 42 CrMo 4 KB	EN 10263-4	51	57	74
30 -40 NiCrMo 2 KB	EN 10263	109	122	158
38 NiCrMo 4 KB	EN 10263	130	147	190
34 CrNiMo 6 KB	EN 10263-4	205	231	298
40 NiCrMo 7 KB	EN 10263	228	257	333
Acciai da bonifica / Hardening and tempering steels				
QS1105200		7	8	11
41 Cr 4	EN 10083.1	14	16	20
36 CrMn 4	UNI 7847	15	17	22
51 CrV 4	EN 10083.1	44	49	64
25 - 42 CrMo 4	EN 10083.1	50	56	73
20-25 MoCr4		81	91	118
40 NiCrMo 2	EN 10083.1	99	111	144
36CrNiMo4	EN 10083.1	141	158	205
39 NiCrMo 3	EN 10083.1	130	146	189
40 NiCrMo 7	UNI 6926	231	260	336
30CrNiMo 8	EN 10083.1	292	329	426
30 NiCrMo 12		380	428	554
30 NiCrMoV 12	UNI 6787	406	457	591
36 NiCrMo 16	EN 10083.1	453	510	660
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	16	17	22
20 MnCr 5	EN 10084	18	20	26
SAE 94B17		57	64	83
18 CrMo 4	EN 10084	46	52	67
12 NiCr 3		72	81	105
16 - 20 CrNi 4	EN 10084	109	123	159
16 NiCr 11	EN 10084	275	310	401
16 - 20 NiCrMo 2	EN 10084	95	107	139
18 NiCrMo 5	EN 10084	178	200	259
17 CrNiMo 6	EN 10084	229	257	333
18 NiCrMo 7	EN 10084	245	275	356

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Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	95	107	137
31 CrMoV 9	EN 10085	83	93	120
34 - 41CrAlMo 7	EN 10085	68	76	98
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	14	16	20
36 CrMn 4	UNI 7847	16	18	23
41 CrMo 4	UNI 7847	45	51	65
40 NiCrMo 3	UNI 7847	132	148	192
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	91	103	133
14 CrMo 3	EN 10216	99	112	144
18 CrMoSi 4	EN 10222	103	116	150
11 CrMo 9 10	EN 10222.2	184	207	267
16 CrMo 20 5	EN 10216.2	136	154	197
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	346	390	505
X 12 Ni 09	EN10222-4	888	999	1295
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	16	18	23
100 CrMo 7	EN 683.17	59	66	85
100 CrMn 4	EN 683.17	15	17	22
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	7	8	11
60 SiCr 8	EN 10089	11	12	16
52 SiCrNi 5	EN 10089	74	83	107
45 SiCrMo 6	EN 10089	44	49	63
55 Cr 3	EN 10089	12	13	17
50 CrV 4	EN 10089	42	48	61
51 CrMoV 4	EN 10089	72	81	104
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	26	29	38
19 - 46 MnVS 6	EN 10267	26	29	38
38MnSiVS6		27	30	39
D25M6		30	34	44
48MnV3		21	24	31
Acciai vari / Other steels				
1.0038	S235JR	3	3	4
1.0432	C21	6	7	9
1.0460	P250GH	4	4	5
1.0482	19Mn5	7	8	10
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	8	9	12
1.0565	P355NH	7	8	11
1.0566	P355NL1	7	8	10
1.0570	S355J2G3	7	8	11
1.0577	S355J2	8	9	11
1.0721	10S20	5	6	8
1.0764	36SMn14	8	9	12
1.1108	10Mn4	7	7	10
1.1127	38Mn6	9	10	13
1.1132	C15E2C	3	4	5
1.1140	C15R	3	3	4
1.1141	C15E	3	3	4
1.1160	22Mn6	9	10	13
1.1167	36Mn5	7	8	11

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.1181	C35E	3	4	5
1.1191	C45E/CK45	4	4	6
1.1197	25MnV5	17	19	24
1.1201	C45R	4	4	5
1.1206	C50E	4	5	6
1.1213	CF53	3	3	4
1.1219	C56E2	4	5	6
1.1231	C67S	5	5	7
1.1236	C66D2	3	3	4
1.1241	C50R	4	5	6
1.1301	19MnVS6	26	29	38
1.1302	30MnVS6	26	29	38
1.1303	38MnVS6	28	31	40
1.1304	46MnVD6	28	31	40
1.1305	46MnVS3	28	31	40
1.2007	70Cr2	11	12	16
1.2067	102Cr6	16	18	23
1.2242	59CrV4	31	35	45
1.2826	60MnSiCr4	10	11	14
1.3505	100Cr6	16	18	23
1.3520	100CrMnSi6-4	31	35	45
1.3531	16CrNiMo6	218	245	317
1.3536	100CrMo7-3	65	73	94
1.3537	100CrMo7	51	57	74
1.3538	100CrMo7-4	93	105	135
1.3539	100CrMnMoSi8-4-6	112	126	162
1.4903	X10CrMoVNb9-1	296	333	428
1.5066	30Mn5	8	9	11
1.5216	17MnV6	33	37	48
1.5217	20MnV6	33	37	48
1.5223	42MnV7	26	29	38
1.5231	38MnSiVS5	27	30	39
1.5232	27MnSiVS6	28	31	41
1.5233	44MnSiVS6	28	31	41
1.5415	16Mo3	51	58	75
1.5423	16Mo5	91	102	133
1.5523	19MnB4	5	6	8
1.5526	30MnB4	9	10	12
1.5532	38MnB5	7	8	10
1.5662	X 8 Ni 9	887	997	1293
1.5708	12NiCr3	71	80	104
1.5715	16NiCrS4	109	123	159
1.5752	15NiCr13	330	372	482
1.5810	18 NiCr 5-4	146	165	213
1.5918	17 CrNi 6-6	170	192	248
1.6510	39 NiCrMo 3	126	142	184
1.6511	36 CrNiMo 4	152	171	222
1.6522	20 NiCrMo 2	95	106	138
1.6523	20 NiCrMo 2-2	95	107	139
1.6526	20NiCrMoS2-2	95	107	139
1.6527	20NiCrMo3	119	134	173
1.6541	23 MnNiCrMo 5 2	105	118	153
1.6562	40 NiCrMo 8-4	247	278	360
1.6563	41 NiCrMo 7-3-2	231	260	336
1.6566	17 NiCrMo 6-4	178	200	259
1.6580	30 CrNiMo 8	292	329	426
1.6582	34 CrNiMo 6	201	226	292
1.6587	18 CrNiMo 7-6	229	257	333
1.6657	14 NiCrMo 13-4	370	416	539
1.6758	23 MnNiMoCr 5-4	197	222	287
1.6782	16NiCrMo12-6	361	406	526

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1.6959	35 NiCrMoV 12-5	420	473	612
1.7016	17Cr3	12	14	18
1.7033	34Cr4	14	16	20
1.7034	37Cr4	14	16	20
1.7035	41Cr4	14	16	20
1.7039	41CrS4	14	16	20
1.7043	38Cr4	14	16	20
1.7076	32CrB4	14	16	20
1.7077	36CrB4	15	17	21
1.7117	52SiCrNi5	74	83	107
1.7131	16 MnCr 5	16	18	22
1.7137	60 MnCrB 3	13	14	18
1.7139	16 MnCrS 5	16	18	22
1.7147	20 MnCr 5	18	20	26
1.7148	30MnCrB4-2	18	20	26
1.7149	20 MnCrS 5	18	20	26
1.7160	16 MnCrB 5	15	17	22
1.7168	18 MnCrB 5	16	19	24
1.7176	55Cr3	13	15	19
1.7177	60Cr3	12	13	17
1.7182	27 MnCrB 5 2	11	12	16
1.7185	33 MnCrB 5 2	11	13	17
1.7213	25 CrMoS 4	50	56	72
1.7216	30 CrMo 4	44	49	64
1.7218	25CrMo4	50	56	72
1.7220	34 CrMo 4	50	56	72
1.7223	41 CrMo 4	50	56	72
1.7225	42CrMo4	50	56	73
1.7226	34 CrMoS 4	50	56	73
1.7227	42 CrMoS 4	50	56	73
1.7228	50 CrMo 4	50	56	72
1.7243	18 CrMo 4	46	52	67
1.7311	20CrMo2	65	74	95
1.7319	20 MoCrS 3	68	76	98
1.7321	20 MoCr 4	80	90	117
1.7323	20 MoCrS 4	80	90	117
1.7325	25 MoCr 4	81	91	118
1.7326	25 MoCrS 4	81	91	118
1.7335	13 CrMo 4-5	83	93	121
1.7337	16 CrMo 4-4	85	96	124
1.7362	X12CrMo5	137	154	197
1.7380	10 CrMo 9 10	183	206	267
1.7383	11 CrMo 9-10	184	207	267
1.7386	X 12 CrMo 9 1	251	283	363
1.7701	52CrMoV4	72	81	104
1.7765	32CrMoV12-10	237	267	345
1.8062	46SiCrMo6	48	54	70
1.8159	51CrV4	44	49	64
1.8161	58 CrV 4	39	44	57
1.8201	7CrWVMoNb9-6	92	103	133
1.8515	31 CrMo 12	95	107	137
1.8519	31 CrMoV 9	83	93	120
1.8550	34 CrAlNi 7-10	159	178	231
1.8871	P460QH	18	21	27
1.8901	S 460 N	116	131	169
1.8905	P 460 N	71	80	104
1.8907	StE 500	88	99	128
1.8915	P460NL1	72	81	105
1.8928	S690QL	178	200	259
1E 836\1E 1120		45	51	66
1E 0778		54	60	78

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 1054		65	73	94
1E 0769		9	10	12
1E 0509		43	49	63
1E 0621		6	6	8
1E 0686		7	8	11
1E 0951		35	40	51
1E1058		54	61	78
STE 690		182	204	265
1E 0669		6	6	8
1E1497		24	27	35
42CrMo4+Ni+V		105	119	153
F11		86	96	124
F22		182	205	264
B30		10	11	14
123-35MnCrB5		14	15	20
113-35CrB5		15	16	21
108-C40Mn		10	12	15
22MnV6		50	56	72
107-38MnV5		27	30	39
42CrMo4 PBK		54	61	79
42CrMo4 JMBK		67	75	97
X19NiCrMo4		440	495	641
30NiCrMoV7		253	285	369
21CrMoV5.11		229	258	334
A193 B16	ASTM	145	163	211
605M36		48	54	70
MTS 238 / SAE 1141/I		9	10	13
A320 L7		82	93	120
SAE 4320 JDM		229	258	334
A 1041 F		8	9	12
RES166380		38	43	55
RES 10460		14	16	20
8630/vgs		170	191	248
86B45 H		84	95	123
AMS 6418		256	288	373
AISI 8720		99	112	144
SAE 8627H		91	102	132
SAE 8822H		109	122	158
Steel 9313		356	400	518
B222-8		84	95	123
B222-5		42	47	61
B79		112	126	163
JDM 4320		221	249	322
PS65		14	16	20
B222-6(4122 MOD)		37	42	54
B63-2 (V2525-60)		117	132	170
VSCH CRNI 2525 HL		113	127	165
92421		85	95	123
92216		18	20	26
92145		31	35	45
92523 Pinion		143	161	208
92523 Crown Wheel		144	162	209
V 2525-50		127	143	185
23CrMoB3		62	70	90
92523		144	162	209
B46-1		181	204	264
B63-1		124	140	181
18NCD4 RENAULT (C9)		122	137	177
Aisi 4718		162	182	236
Aisi 4815		391	439	570
1.1301-1.1302 mod		27	31	40

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23MCD5		55	61	79
1 E 1286		28	31	40
30 Cr Si Mo V 663		81	91	117
41CrS4 Mod 27		28	32	41
15CrNi6		165	186	241
ste890		246	277	358
23MnNiCrMo5.2		111	125	161
TK23F		66	74	96
S1060		269	303	392
25CRNIMO2		132	148	192
SAE 8620		95	107	139
D60SiMn5/ A1		12	14	17
39MNCRB6		13	15	19
P420 QH		92	104	134
SA 508 Gr. 3		151	170	220
SA 765 Gr. 4		32	36	46
A694 F65		19	22	28
A182 F1		92	103	134
33MNCRMOB5		34	38	49
37MNCRMOB5		29	33	42
35MNB5		13	15	19
1DRB		27	30	39
47TS2		9	10	13
PS30 SAE 4715		156	176	228
PS55		307	346	448
43crnimo4.6		194	218	282
X30Cr13		126	142	179
C50+MO		14	15	20
AISI410		148	167	211
92520		178	200	259
TK28A		63	70	91
F22 MOD		220	247	320
TS45.02		4	5	6
86CrMoV7		68	77	99
56NiCrMoV7		275	309	400
0078 A		86	97	125
STE500/GSA10		38	42	55
V2906		19	21	27
20NiCr6		148	166	215
UC1		5	5	7
V2905-95		18	21	27
V2908-95		11	12	15
V2525-70		122	138	178
V2527-70		176	198	257
VW 4227		17	19	24
VW 4521		230	259	335
VW1427		31	35	45
ZF 1		170	192	248
ZF 1 A		229	257	333
ZF 6		23	26	34
ZF 49		27	30	39
ZF 50		4	4	6
ZF 63		15	17	22
ZF 64		14	16	20
ZF 7 B		18	20	26