

**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 Febbraio 2018 - valid for February 2018 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	13	14	18
38 Cr 2 KB	EN 10263-4	17	19	25
34 - 41Cr 4 KB	EN 10263-4	27	30	38
25 - 42 CrMo 4 KB	EN 10263-4	57	64	82
30 -40 NiCrMo 2 KB	EN 10263	87	98	127
38 NiCrMo 4 KB	EN 10263	105	118	153
34 CrNiMo 6 KB	EN 10263-4	163	183	236
40 NiCrMo 7 KB	EN 10263	169	190	246
Acciai da bonifica / Hardening and tempering steels				
QS1105200		12	13	17
41 Cr 4	EN 10083.1	28	31	39
36 CrMn 4	UNI 7847	29	33	41
51 CrV 4	EN 10083.1	84	94	121
25 - 42 CrMo 4	EN 10083.1	56	63	81
20-25 MoCr4		75	84	109
40 NiCrMo 2	EN 10083.1	81	91	118
36CrNiMo4	EN 10083.1	113	128	164
39 NiCrMo 3	EN 10083.1	104	117	151
40 NiCrMo 7	UNI 6926	170	192	248
30CrNiMo 8	EN 10083.1	229	258	333
30 NiCrMo 12		272	306	397
30 NiCrMoV 12	UNI 6787	316	355	460
36 NiCrMo 16	EN 10083.1	329	370	478
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	28	32	41
20 MnCr 5	EN 10084	33	37	47
SAE 94B17		51	57	74
18 CrMo 4	EN 10084	53	60	77
12 NiCr 3		57	64	83
16 - 20 CrNi 4	EN 10084	87	98	126
16 NiCr 11	EN 10084	192	216	280
16 - 20 NiCrMo 2	EN 10084	78	88	113
18 NiCrMo 5	EN 10084	137	154	199
17 CrNiMo 6	EN 10084	184	206	266
18 NiCrMo 7	EN 10084	183	206	267

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	114	128	164
31 CrMoV 9	EN 10085	125	141	180
34 - 42CrAlMo 7	EN 10085	78	88	113
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	27	30	38
36 CrMn 4	UNI 7847	30	34	43
41 CrMo 4	UNI 7847	51	58	74
40 NiCrMo 3	UNI 7847	105	118	152
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	77	87	113
14 CrMo 3	EN 10216	94	105	136
18 CrMoSi 4	EN 10222	105	119	153
11 CrMo 9 10	EN 10222.2	178	200	258
16 CrMo 20 5	EN 10216.2	169	191	243
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	226	254	329
X 12 Ni 09	EN10222-4	577	649	841
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	33	37	47
100 CrMo 7	EN 683.17	71	80	102
100 CrMn 4	EN 683.17	26	30	38
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	23	26	34
60 SiCr 8	EN 10089	32	36	46
52 SiCrNi 5	EN 10089	74	83	107
45 SiCrMo 6	EN 10089	57	64	82
55 Cr 3	EN 10089	22	25	32
50 CrV 4	EN 10089	81	91	117
51 CrMoV 4	EN 10089	102	115	148
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	48	53	69
19 - 46 MnVS 6	EN 10267	49	55	71
38MnSiVS6		50	57	74
D25M6		55	62	80
48MnV3		39	44	58
Acciai vari / Other steels				
1E 836\1E 1120		46	51	66
1E 0778		55	62	80
1E 1054		66	74	95
1E 0769		13	14	18
1E 0509		50	57	73
1E 0621		9	10	13
1E 0686		11	13	17
1E 0951		40	44	57
1E1058		58	65	84
STE 690		152	171	221
1E 0669		9	10	13
1E1497		44	50	65
42CrMo4+Ni+V		113	127	164
F11		86	97	125
F22		172	193	249
B30		16	18	24
123-35MnCrB5		24	27	35
113-35CrB5		27	31	39
108-C40Mn		18	20	25
22MnV6		72	80	104
107-38MnV5		49	56	72
42CrMo4 PBK		60	68	87

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42CrMo4 JMBK		70	78	101
X19NiCrMo4		308	347	448
30NiCrMoV7		200	225	291
21CrMoV5.11		240	270	349
A193 B16	ASTM	184	207	268
605M36		45	50	65
MTS 238 / SAE 1141/I		14	15	20
A320 L7		78	88	113
SAE 4320 JDM		165	186	241
A 1041 F		13	14	19
RES166380		42	47	61
RES 10460		21	23	30
8630/vgs		140	158	204
86B45 H		73	82	105
AMS 6418		198	223	288
AISI 8720		82	92	118
SAE 8627H		75	85	110
SAE 8822H		91	103	133
Steel 9313		256	288	372
B222-8		79	88	114
B222-5		46	52	67
B79		94	105	136
JDM 4320		161	181	234
PS65		25	28	36
B222-6(4122 MOD)		41	46	60
B63-2 (V2525-60)		97	109	141
VSCH CRNI 2525 HL		92	104	134
V 2525-50		105	118	152
23CrMoB3		64	72	92
92523		115	130	167
B46-1		140	157	203
B63-1		98	110	142
Aisi 4718		124	140	181
Aisi 4815		274	309	400
1.0038		6	6	8
1.0432		10	11	14
1.0460		4	5	7
1.0482		13	15	19
1.0503		4	5	7
1.0511		4	5	7
1.0528		4	5	7
1.0535		5	6	8
1.0540		5	6	8
1.0553		12	14	18
1.0565		12	13	17
1.0566		9	10	13
1.0570		9	10	14
1.0577		11	13	17
1.0721		8	9	12
1.0764		10	12	15
1.1108		10	11	15
1.1127		13	15	19
1.1132		6	7	9
1.1140		6	6	8
1.1141		5	6	8
1.1160		14	16	21
1.1167		9	10	14
1.1181		6	7	9
1.1191		7	8	10

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.1197		30	34	43
1.1201		4	5	7
1.1206		5	6	8
1.1213		4	4	6
1.1219		5	6	8
1.1231		8	9	11
1.1236		5	5	7
1.1241		5	6	8
1.1301		48	53	69
1.1302		49	55	71
1.1303		52	58	75
1.1304		51	58	75
1.1305		53	60	78
1.2007		20	23	29
1.2067		33	37	47
1.2242		60	67	86
1.2826		22	25	32
1.3505		33	37	47
1.3520		49	55	70
1.3531		171	193	248
1.3536		77	87	111
1.3537		65	73	93
1.3538		100	112	144
1.3539		119	134	172
1.4903		382	430	551
1.5066		12	13	17
1.5216		60	67	87
1.5217		59	67	87
1.5223		45	51	66
1.5231		50	57	74
1.5232		53	60	78
1.5233		53	60	78
1.5415		45	51	66
1.5423		75	84	109
1.5523		7	8	10
1.5532		9	10	13
1.5662		575	647	839
1.5708		55	62	79
1.5715		87	98	126
1.5752		229	257	333
1.5810		111	124	161
1.5918		132	149	192
1.6510		99	111	144
1.6511		120	135	174
1.6522		75	84	109
1.6523		78	88	113
1.6526		76	86	111
1.6527		91	102	132
1.6541		85	96	123
1.6562		185	208	268
1.6563		170	192	248
1.6566		137	154	199
1.6580		229	258	333
1.6582		157	176	227
1.6587		184	206	266
1.6657		259	292	377
1.6758		152	171	221
1.6782		264	297	384

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.6959		335	376	487
1.7016		24	27	34
1.7033		28	31	39
1.7034		28	31	39
1.7035		28	31	39
1.7039		28	31	39
1.7043		28	31	39
1.7076		25	28	36
1.7077		26	29	37
1.7117		74	83	107
1.7131		29	32	41
1.7137		24	26	34
1.7139		29	32	41
1.7147		33	37	47
1.7148		33	37	47
1.7149		33	37	47
1.7160		26	29	37
1.7168		30	34	43
1.7176		26	29	37
1.7177		20	22	29
1.7182		17	19	25
1.7185		18	20	26
1.7213		54	60	77
1.7216		49	55	71
1.7218		54	60	77
1.7220		54	60	77
1.7223		56	63	81
1.7225		56	63	81
1.7226		56	63	81
1.7227		56	63	81
1.7228		56	63	80
1.7243		53	60	77
1.7311		63	71	92
1.7319		68	76	98
1.7321		74	83	107
1.7323		74	83	107
1.7325		75	84	109
1.7326		75	84	109
1.7335		80	90	116
1.7362		168	188	240
1.7380		177	199	256
1.7383		177	199	256
1.7386		316	356	454
1.7701		102	115	148
1.8062		61	68	88
1.8070		138	156	201
1.8159		82	93	119
1.8161		75	84	108
1.8201		144	163	209
1.8515		112	126	161
1.8519		125	141	180
1.8550		131	148	190
1.8901		126	142	184
1.8905		57	64	83
1.8907		70	78	101
1.8915		61	68	88
1.1301-1.1302 mod		50	56	72
23MCD5		60	68	87
1 E 1286		53	59	76
30 Cr Si Mo V 663		120	135	174
41CrS4 Mod 27		40	45	58

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
SAE 8620		78	88	113
D60SiMn5/ A1		28	31	40
39MNCRB6		22	25	32
P420 QH		78	87	113
SA 508 Gr. 3		117	132	171
SA 765 Gr. 4		39	44	57
A694 F65		34	39	50
A182 F1		78	87	113
33MNCRMOB5		39	44	56
37MNCRMOB5		34	39	50
35MNB5		23	25	32
1DRB		36	40	52
47TS2		16	18	23
V2906		35	39	51
V2908-95		19	22	28
V2527-70		140	158	203
VW 4227		28	32	41
VW 4521		169	190	245
VW1427		58	65	84
ZF 1		132	149	192
ZF 1 A		183	206	266
ZF 6		34	39	49
ZF 49		49	55	71
ZF 50		7	8	10
ZF 63		29	33	42
ZF 64		27	31	39
ZF 7 B		33	37	47