

**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 Marzo 2020 - valid for March 2020 shipment
da applicarsi a fine fattura in €/t - at the end of invoice in €/t

MARCA / GRADE	NORM	lingotti e colata continua	billette, barre e rotoli e forgiati	lavorati a freddo
		Ingots & continuous casting	r/c s 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	7	10
38 Cr 2 KB	EN 10263-4	9	10	13
34 - 41Cr 4 KB	EN 10263-4	13	15	19
25 - 42 CrMo 4 KB	EN 10263-4	45	51	66
30 -40 NiCrMo 2 KB	EN 10263	95	107	138
38 NiCrMo 4 KB	EN 10263	114	129	166
34 CrNiMo 6 KB	EN 10263-4	180	202	261
40 NiCrMo 7 KB	EN 10263	199	224	291
Acciai da bonifica / Hardening and tempering steels				
QS1105200		7	8	10
41 Cr 4	EN 10083.1	14	15	19
36 CrMn 4	UNI 7847	14	16	21
51 CrV 4	EN 10083.1	27	31	39
25 - 42 CrMo 4	EN 10083.1	45	51	66
20-25 MoCr4		71	80	104
40 NiCrMo 2	EN 10083.1	87	97	126
36CrNiMo4	EN 10083.1	123	139	179
39 NiCrMo 3	EN 10083.1	114	128	166
40 NiCrMo 7	UNI 6926	202	227	294
30CrNiMo 8	EN 10083.1	256	288	372
30 NiCrMo 12		331	373	483
30 NiCrMoV 12	UNI 6787	345	388	503
36 NiCrMo 16	EN 10083.1	396	445	576
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	14	16	21
20 MnCr 5	EN 10084	17	19	24
SAE 94B17		50	56	73
18 CrMo 4	EN 10084	41	46	60
12 NiCr 3		63	71	92
16 - 20 CrNi 4	EN 10084	96	108	139
16 NiCr 11	EN 10084	240	270	350
16 - 20 NiCrMo 2	EN 10084	84	94	122
18 NiCrMo 5	EN 10084	155	175	226
17 CrNiMo 6	EN 10084	200	226	292
18 NiCrMo 7	EN 10084	214	240	311
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	85	96	123
31 CrMoV 9	EN 10085	64	72	92
34 - 41CrAlMo 7	EN 10085	68	76	98
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	13	15	19
36 CrMn 4	UNI 7847	15	17	21
41 CrMo 4	UNI 7847	40	45	58
40 NiCrMo 3	UNI 7847	115	130	168

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	80	90	117
14 CrMo 3	EN 10216	87	98	127
18 CrMoSi 4	EN 10222	93	104	135
11 CrMo 9 10	EN 10222.2	162	182	236
16 CrMo 20 5	EN 10216.2	122	138	177
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	301	338	438
X 12 Ni 09	EN10222-4	771	867	1124
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	16	18	22
100 CrMo 7	EN 683.17	53	60	77
100 CrMn 4	EN 683.17	14	15	19
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	11	13	16
60 SiCr 8	EN 10089	15	17	22
52 SiCrNi 5	EN 10089	68	77	99
45 SiCrMo 6	EN 10089	43	48	62
55 Cr 3	EN 10089	11	13	16
50 CrV 4	EN 10089	27	30	38
51 CrMoV 4	EN 10089	53	60	77
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	16	18	23
19 - 46 MnVS 6	EN 10267	16	18	24
38MnSiVS6		17	19	25
D25M6		19	21	27
48MnV3		12	14	18
Acciai vari / Other steels				
1.0038	S235JR	3	4	5
1.0432	C21	6	6	8
1.0460	P250GH	3	3	4
1.0482	19Mn5	7	8	11
1.0503	C45	3	3	4
1.0511	C40	3	3	4
1.0528	C30	3	3	4
1.0535	C55	4	5	6
1.0540	C50	3	4	5
1.0553	S355J0	7	8	11
1.0565	P355NH	7	8	10
1.0566	P355NL1	6	6	8
1.0570	S355J2G3	6	7	9
1.0577	S355J2	7	8	10
1.0721	10S20	5	5	7
1.0726	35S20	5	6	8
1.0764	36SMn14	7	7	10
1.1108	10Mn4	6	7	9
1.1127	38Mn6	8	9	11
1.1132	C15E2C	3	4	5
1.1140	C15R	3	3	5
1.1141	C15E	3	3	4
1.1160	22Mn6	8	9	12
1.1167	36Mn5	6	7	9
1.1181	C35E	4	4	5
1.1191	C45E/CK45	4	4	6
1.1197	25MnV5	11	12	16
1.1201	C45R	3	3	4
1.1206	C50E	3	4	5
1.1213	CF53	2	3	4
1.1219	C56E2	3	4	5
1.1231	C67S	4	5	6
1.1236	C66D2	3	3	4
1.1241	C50R	3	4	5
1.1301	19MnVS6	16	18	23
1.1302	30MnVS6	16	18	24
1.1303	38MnVS6	17	19	25
1.1304	46MnVD6	17	19	25
1.1305	46MnVS3	16	18	23

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.2007	70Cr2	10	12	15
1.2067	102Cr6	16	18	22
1.2242	59CrV4	22	24	31
1.2826	60MnSiCr4	11	12	16
1.3505	100Cr6	16	18	22
1.3520	100CrMnSi6-4	29	33	42
1.3531	16CrNiMo6	190	214	277
1.3536	100CrMo7-3	58	65	84
1.3537	100CrMo7	46	52	67
1.3538	100CrMo7-4	83	93	120
1.3539	100CrMnMoSi8-4-6	99	112	144
1.4903	X10CrMoVNb9-1	252	283	364
1.5066	30Mn5	7	8	10
1.5120	38MnSi4	9	10	13
1.5216	17MnV6	19	22	28
1.5217	20MnV6	19	21	27
1.5223	42MnV7	16	18	23
1.5231	38MnSiVS5	17	19	25
1.5232	27MnSiVS6	18	20	26
1.5233	44MnSiVS6	18	20	26
1.5415	16Mo3	45	51	66
1.5423	16Mo5	79	89	115
1.5523	19MnB4	4	5	6
1.5526	30MNB4	7	8	10
1.5527	40MnB4	8	9	12
1.5532	38MnB5	6	6	8
1.5662	X 8 Ni 9	770	866	1123
1.5708	12NiCr3	62	70	91
1.5715	16NiCrS4	96	108	139
1.5752	15NiCr13	288	324	420
1.5810	18 NiCr 5-4	128	144	186
1.5918	17 CrNi 6-6	149	167	216
1.6510	39 NiCrMo 3	110	124	160
1.6511	36 CrNiMo 4	133	149	193
1.6522	20 NiCrMo 2	82	92	120
1.6523	20 NiCrMo 2-2	84	94	122
1.6526	20NiCrMoS2-2	83	93	121
1.6527	20NiCrMo3	104	116	151
1.6541	23 MnNiCrMo 5 2	91	103	133
1.6562	40 NiCrMo 8-4	216	243	315
1.6563	41 NiCrMo 7-3-2	202	227	294
1.6566	17 NiCrMo 6-4	155	175	226
1.6580	30 CrNiMo 8	256	288	372
1.6582	34 CrNiMo 6	175	197	255
1.6587	18 CrNiMo 7-6	200	226	292
1.6657	14 NiCrMo 13-4	322	362	469
1.6758	23 MnNiMoCr 5-4	171	193	249
1.6782	16NiCrMo12-6	315	354	459
1.6959	35 NiCrMoV 12-5	357	402	520
1.7016	17Cr3	12	13	17
1.7033	34Cr4	14	15	19
1.7034	37Cr4	14	15	19
1.7035	41Cr4	14	15	19
1.7039	41CrS4	14	15	19
1.7043	38Cr4	14	15	19
1.7076	32CrB4	12	14	18
1.7077	36CrB4	13	15	19
1.7117	52SiCrNi5	68	77	99
1.7131	16 MnCr 5	15	16	21
1.7137	60 MnCrB 3	12	13	17
1.7139	16 MnCrS 5	15	16	21
1.7147	20 MnCr 5	17	19	24
1.7148	30MnCrB4-2	17	19	24
1.7149	20 MnCrS 5	17	19	24
1.7160	16 MnCrB 5	13	15	19
1.7168	18 MnCrB 5	15	17	22
1.7176	55Cr3	13	15	19
1.7177	60Cr3	10	12	15
1.7182	27 MnCrB 5 2	9	11	14

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.7185	33 MnCrB 5 2	10	11	14
1.7213	25 CrMoS 4	44	49	63
1.7216	30 CrMo 4	39	44	57
1.7218	25CrMo4	45	51	66
1.7220	34 CrMo 4	45	51	66
1.7223	41 CrMo 4	45	51	65
1.7225	42CrMo4	45	51	66
1.7226	34 CrMoS 4	45	51	66
1.7227	42 CrMoS 4	45	51	66
1.7228	50 CrMo 4	45	51	65
1.7243	18 CrMo 4	41	46	60
1.7311	20CrMo2	58	65	84
1.7319	20 MoCrS 3	60	67	87
1.7321	20 MoCr 4	71	79	103
1.7323	20 MoCrS 4	71	79	103
1.7325	25 MoCr 4	71	80	104
1.7326	25 MoCrS 4	71	80	104
1.7335	13 CrMo 4-5	73	82	106
1.7337	16 CrMo 4-4	75	85	109
1.7362	X12CrMo5	122	137	176
1.7380	10 CrMo 9 10	161	182	235
1.7383	11 CrMo 9-10	162	182	235
1.7386	X 12 CrMo 9 1	226	254	326
1.7701	52CrMoV4	53	60	77
1.7765	32CrMoV12-10	189	212	274
1.8062	46SiCrMo6	46	52	67
1.8159	51CrV4	27	31	39
1.8161	58 CrV 4	25	28	36
1.8201	7CrWVMoNb9-6	64	72	93
1.8515	31 CrMo 12	84	95	122
1.8519	31 CrMoV 9	64	72	92
1.8550	34 CrAlNi 7-10	139	156	202
1.8871	P460QH	12	14	18
1.8901	S 460 N	90	101	131
1.8905	P 460 N	63	70	91
1.8907	StE 500	77	87	112
1.8915	P460NL1	64	72	93
1.8928	S690QL	155	175	226
92145		18	21	27
92216		17	19	24
92421		75	84	108
92520		155	175	226
92523		126	142	183
0078 A		73	82	106
1 E 1286		20	23	29
1.1301-1.1302 mod		16	18	24
107-38MnV5		15	17	22
108-C40Mn		10	11	14
113-35CrB5		14	15	20
123-35MnCrB5		13	14	18
15CrNi6		145	163	211
18NCD4 RENAULT (C9)		107	120	156
1DRB		24	27	35
1E 0509		39	43	56
1E 0621		5	6	8
1E 0669		5	6	8
1E 0686		7	8	10
1E 0769		8	9	11
1E 0778		47	53	69
1E 0951		31	35	46
1E 1054		57	64	83
1E 836\1E 1120		40	45	58
1E1058		48	54	70
1E1497		15	17	22
20NiCr6		129	146	188
21CrMoV5.11		180	203	263
22MnV6		35	39	50
23CrMoB3		55	62	80
23MCD5		48	55	70

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
23MnNiCrMo5.2		97	109	141
25CRNIMO2		116	130	168
30 Cr Si Mo V 663		68	77	99
30CRMV10F		110	124	160
30NiCrMoV7		217	244	316
33MNCRMOB5		30	34	44
35MNB5		12	14	18
37MNCRMOB5		26	29	38
39MNCRB6		12	14	17
41CrS4 Mod 27		26	29	37
42CrMo4 JMBK		59	67	86
42CrMo4 PBK		48	55	70
42CrMo4+Ni+V		86	97	125
43crnimo4.6		169	191	247
47TS2		9	10	13
56NiCrMoV7		233	262	339
605M36		42	48	62
8630/vgs		149	168	217
86B45 H		74	83	108
86CrMoV7		56	63	81
92523 Crown Wheel		126	142	183
92523 Pinion		125	141	182
A 1041 F		8	9	11
A182 F1		80	90	117
A193 B16	ASTM	107	120	156
A320 L7		73	82	105
A694 F65		12	14	18
Aisi 4718		141	159	206
Aisi 4815		337	379	491
AISI 8720		87	98	127
AISI410		136	153	194
AMS 6418		227	255	330
B222-5		37	42	54
B222-6(4122 MOD)		33	37	48
B222-7		34	38	49
B222-8		74	83	108
B30		9	10	13
B46-1		158	178	231
B63-1		109	122	158
B63-2 (V2525-60)		102	115	149
B79		98	111	143
C50+MO		12	13	17
D60SiMn5/ A1		14	15	20
F11		77	86	111
F22		159	179	231
F22 MOD		193	217	281
ITM 129		10	11	15
JDM 4320		193	217	281
MTS 238 / SAE 1141/I		8	9	12
P420 QH		79	88	115
PS30 SAE 4715		136	154	199
PS55		268	302	391
PS65		13	15	19
RES 10460		12	14	18
RES166380		34	38	49
S1060		235	265	343
SA 508 Gr. 3		132	148	192
SA 765 Gr. 4		25	28	36
SAE 4320 JDM		200	225	292
SAE 8620		84	94	122
SAE 8627H		80	90	116
SAE 8822H		95	107	139
STE 690		154	173	224
STE500/GSA10		21	24	31
ste890		215	242	313
Steel 9313		311	349	452
TK23F		58	65	84
TK28A		55	62	80

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
TS45.02		3	4	5
UC1		4	5	6
V 2525-50		111	125	162
V2525-70		107	120	156
V2527-70		155	174	225
V2905-95		10	12	15
V2906		11	13	16
V2908-95		10	12	15
VSCH CRNI 2525 HL		99	111	144
VW 4227		15	16	21
VW 4521		200	225	291
VW1427		18	21	27
X19NiCrMo4		384	432	559
X30Cr13		118	133	167
ZF 1		149	167	216
ZF 1 A		200	225	292
ZF 49		14	16	20
ZF 50		4	4	6
ZF 6		21	24	31
ZF 63		15	16	21
ZF 64		13	15	19
ZF 7 B		17	19	24