

**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 Agosto 2020 - valid for August 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	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	4	5	6
38 Cr 2 KB	EN 10263-4	6	6	8
34 - 41Cr 4 KB	EN 10263-4	8	9	11
25 - 42 CrMo 4 KB	EN 10263-4	22	24	31
30 -40 NiCrMo 2 KB	EN 10263	71	80	104
38 NiCrMo 4 KB	EN 10263	89	100	129
34 CrNiMo 6 KB	EN 10263-4	146	165	213
40 NiCrMo 7 KB	EN 10263	167	188	244
Acciai da bonifica / Hardening and tempering steels				
QS1105200		5	6	7
41 Cr 4	EN 10083.1	8	9	12
36 CrMn 4	UNI 7847	9	10	13
51 CrV 4	EN 10083.1	22	24	31
25 - 42 CrMo 4	EN 10083.1	22	24	31
20-25 MoCr4		32	36	46
40 NiCrMo 2	EN 10083.1	63	71	92
36CrNiMo4	EN 10083.1	99	112	145
39 NiCrMo 3	EN 10083.1	88	99	129
40 NiCrMo 7	UNI 6926	170	191	247
30CrNiMo 8	EN 10083.1	206	232	300
30 NiCrMo 12		275	309	401
30 NiCrMoV 12	UNI 6787	288	324	420
36 NiCrMo 16	EN 10083.1	344	386	501
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	9	11	13
20 MnCr 5	EN 10084	11	12	15
SAE 94B17		37	41	54
18 CrMo 4	EN 10084	20	22	29
12 NiCr 3		57	65	84
16 - 20 CrNi 4	EN 10084	87	98	127
16 NiCr 11	EN 10084	225	253	328
16 - 20 NiCrMo 2	EN 10084	62	70	90
18 NiCrMo 5	EN 10084	129	145	188
17 CrNiMo 6	EN 10084	160	180	233
18 NiCrMo 7	EN 10084	173	195	253
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	40	45	58
31 CrMoV 9	EN 10085	37	42	53
34 - 41CrAlMo 7	EN 10085	31	35	45
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	8	9	12
36 CrMn 4	UNI 7847	9	10	13
41 CrMo 4	UNI 7847	19	22	28
40 NiCrMo 3	UNI 7847	91	103	133

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	35	39	50
14 CrMo 3	EN 10216	39	43	56
18 CrMoSi 4	EN 10222	41	46	59
11 CrMo 9 10	EN 10222.2	71	80	104
16 CrMo 20 5	EN 10216.2	58	65	83
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	286	322	417
X 12 Ni 09	EN10222-4	733	825	1070
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	9	10	13
100 CrMo 7	EN 683.17	25	28	36
100 CrMn 4	EN 683.17	9	10	13
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	5	5	7
60 SiCr 8	EN 10089	7	8	10
52 SiCrNi 5	EN 10089	57	65	83
45 SiCrMo 6	EN 10089	19	21	27
55 Cr 3	EN 10089	7	8	10
50 CrV 4	EN 10089	21	24	30
51 CrMoV 4	EN 10089	32	35	46
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	14	15	20
19 - 46 MnVS 6	EN 10267	14	15	20
38MnSiVS6		14	16	21
D25M6		16	18	23
48MnV3		11	12	16
Acciai vari / Other steels				
1.0038	S235JR	2	2	3
1.0432	C21	4	5	6
1.0460	P250GH	3	3	4
1.0482	19Mn5	5	6	7
1.0503	C45	3	3	4
1.0511	C40	3	3	4
1.0528	C30	3	3	4
1.0535	C55	3	4	5
1.0540	C50	3	3	4
1.0553	S355J0	6	7	9
1.0565	P355NH	5	6	8
1.0566	P355NL1	5	6	7
1.0570	S355J2G3	5	6	8
1.0577	S355J2	6	6	8
1.0715	11SMn30	4	5	6
1.0721	10S20	4	4	5
1.0726	35S20	5	6	7
1.0764	36SMn14	6	7	8
1.1108	10Mn4	5	5	7
1.1127	38Mn6	6	7	9
1.1132	C15E2C	2	2	3
1.1140	C15R	2	2	3
1.1141	C15E	2	2	3
1.1160	22Mn6	6	7	9
1.1167	36Mn5	5	6	8
1.1181	C35E	2	3	3
1.1191	C45E/CK45	3	3	4
1.1197	25MnV5	9	10	13
1.1201	C45R	3	3	4
1.1206	C50E	3	3	4
1.1213	CF53	2	2	3
1.1219	C56E2	3	3	4
1.1231	C67S	3	4	5
1.1236	C66D2	2	2	3
1.1241	C50R	3	3	4
1.1301	19MnVS6	14	15	20
1.1302	30MnVS6	14	15	20
1.1303	38MnVS6	14	16	21
1.1304	46MnVD6	14	16	21
1.1305	46MnVS3	14	15	20

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.2007	70Cr2	7	7	9
1.2067	102Cr6	9	10	13
1.2242	59CrV4	16	18	23
1.2826	60MnSiCr4	6	7	9
1.3505	100Cr6	9	10	13
1.3520	100CrMnSi6-4	20	23	30
1.3531	16CrNiMo6	153	172	223
1.3536	100CrMo7-3	28	31	40
1.3537	100CrMo7	22	25	32
1.3538	100CrMo7-4	38	43	55
1.3539	100CrMnMoSi8-4-6	46	51	66
1.4021	X 20 Cr 13	71	79	100
1.4901	X10CrWMoVNB9-2	561	576	817
1.4903	X10CrMoVNB9-1	212	238	305
1.5066	30Mn5	5	6	8
1.5120	38MnSi4	5	6	7
1.5216	17MnV6	17	19	25
1.5217	20MnV6	17	19	24
1.5223	42MnV7	14	16	21
1.5231	38MnSiVS5	14	16	21
1.5232	27MnSiVS6	15	16	21
1.5233	44MnSiVS6	15	16	21
1.5415	16Mo3	20	22	29
1.5423	16Mo5	34	39	50
1.5523	19MnB4	4	4	6
1.5526	30MNB4	6	6	8
1.5527	40MnB4	6	7	9
1.5532	38MnB5	5	6	7
1.5662	X 8 Ni 9	733	824	1068
1.5708	12NiCr3	57	64	83
1.5715	16NiCrS4	87	98	127
1.5752	15NiCr13	270	304	394
1.5810	18 NiCr 5-4	118	132	171
1.5918	17 CrNi 6-6	136	153	198
1.6510	39 NiCrMo 3	87	98	127
1.6511	36 CrNiMo 4	106	119	154
1.6522	20 NiCrMo 2	62	69	90
1.6523	20 NiCrMo 2-2	62	70	90
1.6526	20NiCrMoS2-2	62	70	90
1.6527	20NiCrMo3	82	92	119
1.6541	23 MnNiCrMo 5 2	66	75	97
1.6562	40 NiCrMo 8-4	176	198	256
1.6563	41 NiCrMo 7-3-2	170	191	247
1.6566	17 NiCrMo 6-4	129	145	188
1.6580	30 CrNiMo 8	206	232	300
1.6582	34 CrNiMo 6	145	163	211
1.6587	18 CrNiMo 7-6	160	180	233
1.6657	14 NiCrMo 13-4	306	344	445
1.6758	23 MnNiMoCr 5-4	120	135	175
1.6782	16NiCrMo12-6	265	298	386
1.6959	35 NiCrMoV 12-5	294	331	428
1.7016	17Cr3	7	8	11
1.7033	34Cr4	8	9	12
1.7034	37Cr4	8	9	12
1.7035	41Cr4	8	9	12
1.7039	41CrS4	8	9	12
1.7043	38Cr4	8	9	12
1.7076	32CrB4	8	9	12
1.7077	36CrB4	9	10	12
1.7117	52SiCrNi5	57	65	83
1.7131	16 MnCr 5	9	11	14
1.7137	60 MnCrB 3	8	9	11
1.7139	16 MnCrS 5	9	11	14
1.7147	20 MnCr 5	11	12	15
1.7148	30MnCrB4-2	11	12	15
1.7149	20 MnCrS 5	11	12	15
1.7160	16 MnCrB 5	9	10	13
1.7168	18 MnCrB 5	10	11	14
1.7176	55Cr3	8	9	12

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1.7177	60Cr3	7	8	10
1.7182	27 MnCrB 5 2	7	8	10
1.7185	33 MnCrB 5 2	7	8	11
1.7213	25 CrMoS 4	21	24	30
1.7216	30 CrMo 4	20	23	29
1.7218	25CrMo4	22	24	31
1.7220	34 CrMo 4	22	24	31
1.7223	41 CrMo 4	22	24	31
1.7225	42CrMo4	22	24	31
1.7226	34 CrMoS 4	22	24	31
1.7227	42 CrMoS 4	22	24	31
1.7228	50 CrMo 4	22	24	31
1.7243	18 CrMo 4	20	22	29
1.7311	20CrMo2	26	29	38
1.7319	20 MoCrS 3	28	31	40
1.7321	20 MoCr 4	31	35	46
1.7323	20 MoCrS 4	31	35	46
1.7325	25 MoCr 4	32	36	46
1.7326	25 MoCrS 4	32	36	46
1.7335	13 CrMo 4-5	33	37	47
1.7337	16 CrMo 4-4	34	38	49
1.7362	X12CrMo5	58	65	84
1.7380	10 CrMo 9 10	71	80	103
1.7383	11 CrMo 9-10	71	80	104
1.7386	X 12 CrMo 9 1	107	120	154
1.7701	52CrMoV4	32	35	46
1.7765	32CrMoV12-10	95	107	138
1.8062	46SiCrMo6	20	23	29
1.8159	51CrV4	22	24	31
1.8161	58 CrV 4	20	22	28
1.8201	7CrWVMoNb9-6	41	46	59
1.8515	31 CrMo 12	40	45	58
1.8519	31 CrMoV 9	37	42	53
1.8550	34 CrAlNi 7-10	111	125	162
1.8871	P460QH	11	12	15
1.8901	S 460 N	63	71	93
1.8905	P 460 N	54	61	78
1.8907	StE 500	67	75	98
1.8915	P460NL1	53	59	77
1.8928	S690QL	129	145	188
92145		16	18	23
92216		11	12	15
92421		34	38	49
92520		129	145	188
92523		105	118	153
0078 A		46	52	67
1 E 1286		15	17	21
1.1301-1.1302 mod		14	16	21
107-38MnV5		13	15	20
108-C40Mn		7	8	10
113-35CrB5		9	10	12
123-35MnCrB5		9	10	13
15CrNi6		132	148	192
18NCD4 RENAULT (C9)		97	110	142
1DRB		13	15	19
1E 0509		19	21	28
1E 0621		4	4	6
1E 0669		4	4	6
1E 0686		5	6	8
1E 0769		6	7	9
1E 0778		23	25	33
1E 0951		16	18	23
1E 1054		27	30	39
1E 836\1E 1120		19	21	28
1E1058		22	25	32
1E1497		13	14	19
20NiCr6		118	133	172
21CrMoV5.11		90	101	131
22MnV6		31	35	45

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
23CrMoB3		25	29	37
23MCD5		33	38	48
23MnNiCrMo5.2		71	80	103
25CRNIMO2		79	89	115
28 CDV5.08		76	85	110
30 Cr Si Mo V 663		35	40	51
30CRMOV10F		67	76	98
30NiCrMoV7		176	198	256
33MNCRMOB5		16	17	23
35MNB5		9	10	12
37MNCRMOB5		14	15	20
39MNCRB6		9	10	12
41CrS4 Mod 27		14	15	20
42CrMo4 JMBK		27	31	40
42CrMo4 PBK		23	26	33
42CrMo4+Ni+V		61	69	89
43crnimo4.6		139	157	203
4M		14	16	21
47TS2		6	7	9
56NiCrMoV7		182	204	265
605M36		20	23	30
8630/vgs		104	117	151
86B45 H		53	59	77
86CrMoV7		29	33	42
92523 Crown Wheel		105	118	153
92523 Pinion		106	119	154
A 1041 F		6	7	9
A182 F1		35	39	51
A193 B16	ASTM	59	67	86
A320 L7		46	52	67
A694 F65		11	12	15
Aisi 4718		107	120	156
Aisi 4815		301	338	439
AISI 8720		65	73	95
AISI410		87	98	125
AMS 6418		180	202	262
B222-5		18	21	27
B222-6(4122 MOD)		16	19	24
B222-7		17	19	25
B222-8		42	47	61
B30		6	7	9
B46-1		130	147	190
B63-1		99	112	145
B63-2 (V2525-60)		85	95	124
B79		66	74	96
C50+MO		6	7	9
D60SiMn5/ A1		7	8	11
F11		33	38	49
F22		70	79	102
F22 MOD		101	113	147
Grade 50R		46	52	67
ITM 129		7	8	10
JDM 4320		163	183	238
MTS 238 / SAE 1141/I		6	7	9
P420 QH		66	74	96
PS30 SAE 4715		93	105	136
PS55		199	223	289
PS65		8	9	12
RES 10460		10	11	14
RES166380		17	19	25
S1060		191	214	278
SA 508 Gr. 3		87	98	127
SA 765 Gr. 4		22	25	32
SAE 1017 MOD		5	5	7
SAE 4320 JDM		169	190	247
SAE 8620		62	70	90
SAE 8627H		59	66	86
SAE 8822H		63	70	91
STE460		33	38	49

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
STE 690		108	121	157
STE 690V		95	107	139
STE500/GSA10		19	21	28
ste890		177	199	258
Steel 9313		281	316	409
TK23F		52	59	76
TK28A		47	52	68
TS45.02		3	3	4
UC1		3	4	5
V 2525-50		89	100	129
V2525-70		98	110	142
V2527-70		137	154	200
V2905-95		9	10	13
V2906		10	11	14
V2908-95		7	8	10
VSCH CRNI 2525 HL		86	96	125
VSCH-MNCR(S)-2158-U-HM		25	28	36
VSCH-MNCR(S)-2158-U-HH		26	29	38
VW 4227		10	11	14
VW 4521		163	184	238
VW1427		16	18	23
X19NiCrMo4		347	390	506
X30Cr13		67	75	95
ZF 1		136	153	198
ZF 1 A		160	180	233
ZF 49		13	15	19
ZF 50		3	3	4
ZF 6		12	14	18
ZF 63		9	10	13
ZF 64		8	9	12
ZF 7 B		11	12	15