

**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 Ottobre 2020 - valid for October 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	12
25 - 42 CrMo 4 KB	EN 10263-4	26	29	37
30 -40 NiCrMo 2 KB	EN 10263	86	97	126
38 NiCrMo 4 KB	EN 10263	107	121	156
34 CrNiMo 6 KB	EN 10263-4	177	199	258
40 NiCrMo 7 KB	EN 10263	203	228	296
Acciai da bonifica / Hardening and tempering steels				
QS1105200		5	5	7
41 Cr 4	EN 10083.1	9	10	13
36 CrMn 4	UNI 7847	9	11	14
51 CrV 4	EN 10083.1	22	24	31
25 - 42 CrMo 4	EN 10083.1	26	29	37
20-25 MoCr4		39	44	57
40 NiCrMo 2	EN 10083.1	76	86	111
36CrNiMo4	EN 10083.1	120	135	175
39 NiCrMo 3	EN 10083.1	107	120	156
40 NiCrMo 7	UNI 6926	206	231	300
30CrNiMo 8	EN 10083.1	250	281	364
30 NiCrMo 12		334	376	487
30 NiCrMoV 12	UNI 6787	348	391	507
36 NiCrMo 16	EN 10083.1	417	469	607
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	10	11	14
20 MnCr 5	EN 10084	11	12	16
SAE 94B17		44	49	64
18 CrMo 4	EN 10084	23	26	34
12 NiCr 3		69	78	100
16 - 20 CrNi 4	EN 10084	104	118	152
16 NiCr 11	EN 10084	272	306	397
16 - 20 NiCrMo 2	EN 10084	75	84	109
18 NiCrMo 5	EN 10084	156	175	227
17 CrNiMo 6	EN 10084	194	218	282
18 NiCrMo 7	EN 10084	210	237	307
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	48	54	70
31 CrMoV 9	EN 10085	41	46	59
34 - 41CrAlMo 7	EN 10085	38	43	55
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	8	10	12
36 CrMn 4	UNI 7847	10	11	14
41 CrMo 4	UNI 7847	23	26	33
40 NiCrMo 3	UNI 7847	110	124	161

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 alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	43	48	63
14 CrMo 3	EN 10216	48	54	69
18 CrMoSi 4	EN 10222	50	57	73
11 CrMo 9 10	EN 10222.2	88	99	128
16 CrMo 20 5	EN 10216.2	69	78	100
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	346	390	505
X 12 Ni 09	EN10222-4	889	1000	1296
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	10	11	14
100 CrMo 7	EN 683.17	30	34	43
100 CrMn 4	EN 683.17	9	10	13
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	5	6	8
60 SiCr 8	EN 10089	8	9	11
52 SiCrNi 5	EN 10089	69	77	100
45 SiCrMo 6	EN 10089	23	26	33
55 Cr 3	EN 10089	7	8	11
50 CrV 4	EN 10089	21	24	30
51 CrMoV 4	EN 10089	35	39	50
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	13	15	19
19 - 46 MnVS 6	EN 10267	13	15	19
38MnSiVS6		14	15	20
D25M6		15	17	22
48MnV3		10	12	15
Acciai vari / Other steels				
1.0038	S235JR	2	2	3
1.0432	C21	4	5	6
1.0460	P250GH	2	3	3
1.0482	19Mn5	5	5	7
1.0503	C45	2	3	3
1.0511	C40	2	3	3
1.0528	C30	2	3	3
1.0535	C55	3	3	4
1.0540	C50	3	3	4
1.0553	S355J0	5	6	8
1.0565	P355NH	5	6	7
1.0566	P355NL1	4	5	6
1.0570	S355J2G3	5	5	7
1.0577	S355J2	5	6	7
1.0715	11SMn30	4	4	5
1.0721	10S20	3	4	5
1.0726	35S20	5	5	7
1.0764	36SMn14	5	6	8
1.1108	10Mn4	4	5	6
1.1127	38Mn6	6	6	8
1.1132	C15E2C	2	2	3
1.1140	C15R	2	2	3
1.1141	C15E	2	2	3
1.1160	22Mn6	6	7	8
1.1167	36Mn5	5	5	7
1.1181	C35E	2	3	3
1.1191	C45E/CK45	3	3	4
1.1197	25MnV5	9	10	13
1.1201	C45R	2	3	3
1.1206	C50E	3	3	4
1.1213	CF53	2	2	3
1.1219	C56E2	3	3	4
1.1231	C67S	3	3	4
1.1236	C66D2	2	2	3
1.1241	C50R	3	3	4
1.1301	19MnVS6	13	15	19
1.1302	30MnVS6	13	15	19
1.1303	38MnVS6	14	16	20
1.1304	46MnVD6	14	16	20
1.1305	46MnVS3	13	15	19

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
1.2007	70Cr2	7	8	10
1.2067	102Cr6	10	11	14
1.2242	59CrV4	16	18	24
1.2826	60MnSiCr4	7	7	10
1.3505	100Cr6	10	11	14
1.3520	100CrMnSi6-4	23	26	33
1.3531	16CrNiMo6	185	209	270
1.3536	100CrMo7-3	33	37	48
1.3537	100CrMo7	26	30	38
1.3538	100CrMo7-4	46	52	67
1.3539	100CrMnMoSi8-4-6	55	62	80
1.4021	X 20 Cr 13	73	82	104
1.4901	X10CrWMoVNB9-2	532	548	774
1.4903	X10CrMoVNB9-1	157	177	227
1.5066	30Mn5	5	6	7
1.5120	38MnSi4	5	6	7
1.5216	17MnV6	16	18	24
1.5217	20MnV6	16	18	23
1.5223	42MnV7	13	15	20
1.5231	38MnSiVS5	14	15	20
1.5232	27MnSiVS6	14	16	21
1.5233	44MnSiVS6	14	16	21
1.5415	16Mo3	25	28	36
1.5423	16Mo5	43	48	62
1.5523	19MnB4	3	4	5
1.5526	30MNB4	5	6	8
1.5527	40MnB4	6	6	8
1.5532	38MnB5	5	5	7
1.5662	X 8 Ni 9	888	999	1295
1.5708	12NiCr3	69	77	100
1.5715	16NiCrS4	104	118	152
1.5752	15NiCr13	327	368	477
1.5810	18 NiCr 5-4	141	159	206
1.5918	17 CrNi 6-6	164	184	238
1.6510	39 NiCrMo 3	105	118	153
1.6511	36 CrNiMo 4	128	144	186
1.6522	20 NiCrMo 2	74	83	108
1.6523	20 NiCrMo 2-2	75	84	109
1.6526	20NiCrMoS2-2	75	84	109
1.6527	20NiCrMo3	99	111	144
1.6541	23 MnNiCrMo 5 2	80	90	116
1.6562	40 NiCrMo 8-4	213	240	311
1.6563	41 NiCrMo 7-3-2	206	231	300
1.6566	17 NiCrMo 6-4	156	175	227
1.6580	30 CrNiMo 8	250	281	364
1.6582	34 CrNiMo 6	175	197	254
1.6587	18 CrNiMo 7-6	194	218	282
1.6657	14 NiCrMo 13-4	370	417	540
1.6758	23 MnNiMoCr 5-4	146	164	213
1.6782	16NiCrMo12-6	321	362	468
1.6959	35 NiCrMoV 12-5	355	399	517
1.7016	17Cr3	8	9	11
1.7033	34Cr4	9	10	13
1.7034	37Cr4	9	10	13
1.7035	41Cr4	9	10	13
1.7039	41CrS4	9	10	13
1.7043	38Cr4	9	10	13
1.7076	32CrB4	8	9	12
1.7077	36CrB4	9	10	13
1.7117	52SiCrNi5	69	77	100
1.7131	16 MnCr 5	10	11	14
1.7137	60 MnCrB 3	8	9	11
1.7139	16 MnCrS 5	10	11	14
1.7147	20 MnCr 5	11	12	16
1.7148	30MnCrB4-2	11	12	16
1.7149	20 MnCrS 5	11	12	16
1.7160	16 MnCrB 5	9	10	13
1.7168	18 MnCrB 5	10	11	15
1.7176	55Cr3	8	9	12

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
1.7177	60Cr3	7	8	10
1.7182	27 MnCrB 5 2	7	8	10
1.7185	33 MnCrB 5 2	7	8	10
1.7213	25 CrMoS 4	25	28	36
1.7216	30 CrMo 4	24	27	35
1.7218	25CrMo4	26	29	37
1.7220	34 CrMo 4	26	29	37
1.7223	41 CrMo 4	26	29	37
1.7225	42CrMo4	26	29	37
1.7226	34 CrMoS 4	26	29	37
1.7227	42 CrMoS 4	26	29	37
1.7228	50 CrMo 4	26	29	37
1.7243	18 CrMo 4	23	26	34
1.7311	20CrMo2	32	36	46
1.7319	20 MoCrS 3	33	38	48
1.7321	20 MoCr 4	39	43	56
1.7323	20 MoCrS 4	39	43	56
1.7325	25 MoCr 4	39	44	57
1.7326	25 MoCrS 4	39	44	57
1.7335	13 CrMo 4-5	40	45	58
1.7337	16 CrMo 4-4	41	47	60
1.7362	X12CrMo5	69	78	100
1.7380	10 CrMo 9 10	88	99	128
1.7383	11 CrMo 9-10	88	99	128
1.7386	X 12 CrMo 9 1	128	144	185
1.7701	52CrMoV4	35	39	50
1.7765	32CrMoV12-10	112	126	163
1.8062	46SiCrMo6	25	28	36
1.8159	51CrV4	22	24	31
1.8161	58 CrV 4	20	22	29
1.8201	7CrWVMoNb9-6	44	50	64
1.8515	31 CrMo 12	48	54	69
1.8519	31 CrMoV 9	41	46	59
1.8550	34 CrAlNi 7-10	134	151	195
1.8871	P460QH	10	11	14
1.8901	S 460 N	73	82	107
1.8905	P 460 N	64	72	93
1.8907	StE 500	80	90	116
1.8915	P460NL1	62	70	90
1.8928	S690QL	156	175	227
92145		15	17	22
92216		11	12	16
92421		41	46	60
92520		156	175	227
92523		126	142	184
0078 A		55	62	80
1 E 1286		15	17	22
1.1301-1.1302 mod		14	15	20
107-38MnV5		13	14	19
108-C40Mn		7	7	10
113-35CrB5		9	10	13
123-35MnCrB5		9	10	12
15CrNi6		159	178	231
18NCD4 RENAULT (C9)		117	131	170
1DRB		15	16	21
1E 0509		22	25	32
1E 0621		4	4	5
1E 0669		4	4	5
1E 0686		5	5	7
1E 0769		6	6	8
1E 0778		27	30	39
1E 0951		18	21	26
1E 1054		32	36	46
1E 836\1E 1120		22	25	33
1E1058		27	30	39
1E1497		12	14	18
20NiCr6		142	160	207
21CrMoV5.11		106	120	155
22MnV6		33	37	48

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
23CrMoB3		31	34	44
23MCD5		39	44	56
23MnNiCrMo5.2		85	96	124
25CRNIMO2		96	108	140
28 CDV5.08		90	101	130
30 Cr Si Mo V 663		41	46	59
30CRMOV10F		77	87	112
30NiCrMoV7		212	239	310
33MNCRMOB5		18	20	26
35MNB5		8	9	12
37MNCRMOB5		15	17	22
39MNCRB6		8	9	12
41CrS4 Mod 27		15	17	22
42CrMo4 JMBK		33	37	48
42CrMo4 PBK		27	31	40
42CrMo4+Ni+V		72	81	104
43crnimo4.6		169	190	246
4M		17	19	24
47TS2		6	7	9
56NiCrMoV7		219	246	319
605M36		24	27	35
8630/vgs		126	142	184
86B45 H		63	71	92
86CrMoV7		34	38	49
92523 Crown Wheel		126	142	184
92523 Pinion		127	143	185
A 1041 F		5	6	8
A182 F1		43	49	63
A193 B16	ASTM	67	76	98
A320 L7		55	62	80
A694 F65		10	11	15
Aisi 4718		129	146	189
Aisi 4815		364	410	531
AISI 8720		78	88	114
AISI410		100	113	143
AMS 6418		218	246	318
B222-5		21	24	31
B222-6(4122 MOD)		19	21	28
B222-7		20	22	29
B222-8		50	56	73
B30		6	7	9
B46-1		157	177	229
B63-1		119	133	173
B63-2 (V2525-60)		102	114	148
B79		80	90	117
C50+MO		7	8	10
D60SiMn5/ A1		8	9	12
F11		42	47	60
F22		87	98	126
F22 MOD		124	140	180
Grade 50R		56	63	81
ITM 129		7	8	10
JDM 4320		198	222	288
MTS 238 / SAE 1141/I		6	6	8
P420 QH		78	87	113
PS30 SAE 4715		114	128	165
PS55		242	272	353
PS65		9	10	12
RES 10460		9	10	13
RES166380		20	22	28
S1060		231	260	336
SA 508 Gr. 3		106	119	154
SA 765 Gr. 4		24	27	35
SAE 1017 MOD		5	5	7
SAE 4320 JDM		205	231	300
SAE 8620		75	84	109
SAE 8627H		71	80	104
SAE 8822H		76	85	110
STE460		36	40	52

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
STE 690		130	146	190
STE 690V		114	128	165
STE500/GSA10		18	21	27
ste890		214	241	312
Steel 9313		340	382	495
TK23F		62	69	90
TK28A		55	62	80
TS45.02		3	3	4
UC1		3	3	4
V 2525-50		106	120	155
V2525-70		117	132	170
V2527-70		165	186	241
V2905-95		9	10	13
V2906		9	10	14
V2908-95		7	8	10
VSCH CRNI 2525 HL		102	115	149
VSCH-MNCR(S)-2158-U-HM		28	32	41
VSCH-MNCR(S)-2158-U-HH		29	33	43
VW 4227		10	11	14
VW 4521		198	223	289
VW1427		15	17	22
X19NiCrMo4		420	473	613
X30Cr13		74	84	105
ZF 1		164	184	238
ZF 1 A		194	218	282
ZF 49		13	14	18
ZF 50		3	3	4
ZF 6		13	15	19
ZF 63		9	11	14
ZF 64		9	10	12
ZF 7 B		11	12	16