

**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 Giugno 2021- valid for June 2021 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	rps billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	14	15	20
38 Cr 2 KB	EN 10263-4	18	20	25
34 - 41Cr 4 KB	EN 10263-4	24	27	35
25 - 42 CrMo 4 KB	EN 10263-4	60	67	86
30 -40 NiCrMo 2 KB	EN 10263	126	142	184
38 NiCrMo 4 KB	EN 10263	152	171	221
34 CrNiMo 6 KB	EN 10263-4	241	271	350
40 NiCrMo 7 KB	EN 10263	266	299	387
Acciai da bonifica / Hardening and tempering steels				
QS1105200		16	18	23
41 Cr 4	EN 10083.1	25	29	36
36 CrMn 4	UNI 7847	27	31	39
51 CrV 4	EN 10083.1	53	59	76
25 - 42 CrMo 4	EN 10083.1	60	67	86
20-25 MoCr4		85	96	124
40 NiCrMo 2	EN 10083.1	115	129	167
36CrNiMo4	EN 10083.1	166	187	242
39 NiCrMo 3	EN 10083.1	151	170	220
40 NiCrMo 7	UNI 6926	269	302	391
30CrNiMo 8	EN 10083.1	339	382	493
30 NiCrMo 12		434	488	632
30 NiCrMoV 12	UNI 6787	458	515	668
36 NiCrMo 16	EN 10083.1	528	594	769
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	28	31	40
20 MnCr 5	EN 10084	32	36	46
SAE 94B17		70	78	101
18 CrMo 4	EN 10084	55	62	80
12 NiCr 3		90	101	131
16 - 20 CrNi 4	EN 10084	136	153	198
16 NiCr 11	EN 10084	329	370	480
16 - 20 NiCrMo 2	EN 10084	111	125	162
18 NiCrMo 5	EN 10084	209	235	304
17 CrNiMo 6	EN 10084	267	301	389
18 NiCrMo 7	EN 10084	281	316	410
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	111	125	160
31 CrMoV 9	EN 10085	96	108	138
34 - 41CrAlMo 7	EN 10085	87	98	126
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	25	28	35
36 CrMn 4	UNI 7847	28	32	40
41 CrMo 4	UNI 7847	54	60	78
40 NiCrMo 3	UNI 7847	154	173	224

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	92	103	134
14 CrMo 3	EN 10216	103	116	150
18 CrMoSi 4	EN 10222	115	129	167
11 CrMo 9 10	EN 10222.2	192	216	279
16 CrMo 20 5	EN 10216.2	160	180	231
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	407	458	594
X 12 Ni 09	EN10222-4	1042	1172	1519
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	28	31	40
100 CrMo 7	EN 683.17	70	78	100
100 CrMn 4	EN 683.17	25	28	36
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	29	33	43
60 SiCr 8	EN 10089	37	42	54
52 SiCrNi 5	EN 10089	106	119	154
45 SiCrMo 6	EN 10089	64	71	92
55 Cr 3	EN 10089	21	24	31
50 CrV 4	EN 10089	51	58	74
51 CrMoV 4	EN 10089	79	89	115
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	34	39	50
19 - 46 MnVS 6	EN 10267	36	40	52
38MnSiVS6		38	43	55
D25M6		39	44	57
48MnV3		26	29	38
Acciai vari / Other steels				
1.0038	S235JR	7	8	11
1.0432	C21	13	15	19
1.0460	P250GH	6	7	9
1.0482	19Mn5	17	20	25
1.0503	C45	6	7	9
1.0511	C40	6	7	9
1.0528	C30	6	7	9
1.0535	C55	10	11	15
1.0540	C50	7	8	11
1.0553	S355J0	17	19	24
1.0565	P355NH	16	18	23
1.0566	P355NL1	12	14	18
1.0570	S355J2G3	13	15	19
1.0577	S355J2	16	18	23
1.0715	11SMn30	11	12	16
1.0721	10S20	11	13	16
1.0726	35S20	12	13	17
1.0764	36SMn14	14	16	21
1.1108	10Mn4	14	15	20
1.1127	38Mn6	18	20	26
1.1132	C15E2C	8	9	12
1.1140	C15R	7	8	11
1.1141	C15E	7	8	10
1.1160	22Mn6	18	20	26
1.1167	36Mn5	13	15	19
1.1181	C35E	8	9	12
1.1191	C45E/CK45	9	10	13
1.1197	25MnV5	24	27	35
1.1201	C45R	6	7	9
1.1206	C50E	7	8	11
1.1213	CF53	5	6	8
1.1219	C56E2	7	8	11
1.1231	C67S	10	12	15
1.1236	C66D2	6	7	9
1.1241	C50R	7	8	11
1.1301	19MnVS6	34	39	50
1.1302	30MnVS6	36	40	52
1.1303	38MnVS6	37	42	54
1.1304	46MnVD6	37	41	54
1.1305	46MnVS3	34	38	49

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	20	23	29
1.2067	102Cr6	28	31	40
1.2242	59CrV4	42	47	60
1.2826	60MnSiCr4	25	28	37
1.3505	100Cr6	28	31	40
1.3520	100CrMnSi6-4	51	58	74
1.3531	16CrNiMo6	251	283	366
1.3536	100CrMo7-3	77	87	112
1.3537	100CrMo7	63	71	90
1.3538	100CrMo7-4	104	117	151
1.3539	100CrMnMoSi8-4-6	125	141	182
1.4021	X 20 Cr 13	203	229	289
1.4901	X10CrWMoVNb9-2	797	830	1157
1.4903	X10CrMoVNb9-1	331	372	477
1.5066	30Mn5	16	18	24
1.5120	38MnSi4	21	24	31
1.5216	17MnV6	41	46	59
1.5217	20MnV6	40	45	58
1.5223	42MnV7	34	39	50
1.5231	38MnSiVS5	38	43	55
1.5232	27MnSiVS6	39	44	57
1.5233	44MnSiVS6	39	44	57
1.5243	42MnSiV3 - 3	30	34	44
1.5415	16Mo3	54	60	78
1.5423	16Mo5	88	99	129
1.5523	19MnB4	9	11	14
1.5526	30MNB4	15	16	21
1.5527	40MnB4	18	20	26
1.5532	38MnB5	13	14	18
1.5662	X 8 Ni 9	1040	1170	1517
1.5708	12NiCr3	87	98	126
1.5715	16NiCrS4	136	153	198
1.5752	15NiCr13	394	443	574
1.5810	18 NiCr 5-4	177	200	258
1.5918	17 CrNi 6-6	207	233	301
1.6510	39 NiCrMo 3	145	163	211
1.6511	36 CrNiMo 4	176	198	255
1.6522	20 NiCrMo 2	107	121	156
1.6523	20 NiCrMo 2-2	111	125	161
1.6526	20NiCrMoS2-2	109	122	158
1.6527	20NiCrMo3	136	153	198
1.6541	23 MnNiCrMo 5 2	120	135	174
1.6562	40 NiCrMo 8-4	285	321	415
1.6563	41 NiCrMo 7-3-2	269	302	391
1.6566	17 NiCrMo 6-4	209	235	304
1.6580	30 CrNiMo 8	339	382	493
1.6582	34 CrNiMo 6	234	263	340
1.6587	18 CrNiMo 7-6	267	301	389
1.6657	14 NiCrMo 13-4	461	519	672
1.6758	23 MnNiMoCr 5-4	216	243	315
1.6782	16NiCrMo12-6	416	468	606
1.6959	35 NiCrMoV 12-5	474	534	691
1.7016	17Cr3	23	25	32
1.7033	34Cr4	25	29	36
1.7034	37Cr4	25	29	36
1.7035	41Cr4	25	29	36
1.7039	41CrS4	25	29	36
1.7043	38Cr4	25	29	36
1.7076	32CrB4	22	25	32
1.7077	36CrB4	24	27	34
1.7117	52SiCrNi5	106	119	154
1.7131	16 MnCr 5	28	32	40
1.7137	60 MnCrB 3	23	26	33
1.7139	16 MnCrS 5	28	32	40
1.7147	20 MnCr 5	32	36	46
1.7148	30MnCrB4-2	32	36	46
1.7149	20 MnCrS 5	32	36	46
1.7160	16 MnCrB 5	25	28	35
1.7168	18 MnCrB 5	29	33	42

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
1.7176	55Cr3	26	29	37
1.7177	60Cr3	19	21	27
1.7182	27 MnCrB 5 2	18	21	27
1.7185	33 MnCrB 5 2	19	22	28
1.7213	25 CrMoS 4	56	63	81
1.7216	30 CrMo 4	55	62	80
1.7218	25CrMo4	60	67	86
1.7220	34 CrMo 4	60	67	86
1.7223	41 CrMo 4	60	67	86
1.7225	42CrMo4	60	67	86
1.7226	34 CrMoS 4	60	67	86
1.7227	42 CrMoS 4	60	67	86
1.7228	50 CrMo 4	60	67	86
1.7243	18 CrMo 4	55	62	80
1.7311	20CrMo2	71	80	103
1.7319	20 MoCrS 3	75	85	109
1.7321	20 MoCr 4	84	95	122
1.7323	20 MoCrS 4	84	95	122
1.7325	25 MoCr 4	85	96	124
1.7326	25 MoCrS 4	85	96	124
1.7335	13 CrMo 4-5	88	99	128
1.7337	16 CrMo 4-4	92	103	133
1.7362	X12CrMo5	158	178	227
1.7380	10 CrMo 9 10	190	214	276
1.7383	11 CrMo 9-10	191	214	276
1.7386	X 12 CrMo 9 1	298	335	428
1.7701	52CrMoV4	79	89	115
1.7765	32CrMoV12-10	242	272	351
1.8062	46SiCrMo6	68	76	98
1.8159	51CrV4	53	59	76
1.8161	58 CrV 4	49	55	70
1.8201	7CrWVMoNb9-6	98	111	142
1.8515	31 CrMo 12	109	122	157
1.8519	31 CrMoV 9	96	108	138
1.8550	34 CrAlNi 7-10	186	209	270
1.8871	P460QH	27	30	39
1.8901	S 460 N	126	142	184
1.8905	P 460 N	90	102	131
1.8907	StE 500	110	124	161
1.8915	P460NL1	92	104	134
1.8928	S690QL	209	235	304
92145		40	45	58
92216		32	36	46
92421		91	102	132
92520		209	235	304
92523		172	194	251
0078 A		99	111	143
1 E 1286		39	44	56
1.1301-1.1302 mod		35	39	50
107-38MnV5		31	35	46
108-C40Mn		20	23	29
113-35CrB5		26	29	37
123-35MnCrB5		26	29	37
15CrNi6		203	229	295
18NCD4 RENAULT (C9)		152	170	220
18M		40	45	58
1DRB		38	43	55
1E0042		10	12	15
1E 0509		55	62	80
1E 0621		14	15	20
1E 0669		12	14	18
1E 0686		15	17	23
1E 0769		17	19	25
1E 0778		61	69	89
1E 0951		44	50	64
1E0997		47	53	68
1E 1054		71	80	104
1E 836\1E 1120		51	57	74
1E1058		61	69	89

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
1E1286 - 1E1286B		39	44	57
1E1497		31	35	45
20MNCr5F		70	79	101
20NiCr6		182	204	264
21CrMoV5.11		225	253	327
22MnV6		61	69	89
23CrMoB3		69	78	101
23MCD5		71	80	103
23MnNiCrMo5.2		129	145	188
25CRNIMO2		150	169	218
28 CDV5.08		195	219	283
30 Cr Si Mo V 663		105	118	152
30CRMOV10F		154	173	223
30NiCrMoV7		288	324	419
33MNCrMOB5		44	49	63
35MNB5		25	28	36
37MNCrMOB5		38	43	55
39MNCrB6		25	28	36
368.6		94	106	137
41CrS4 Mod 27		40	45	57
42CrMo4 JMBK		75	84	108
42CrMo4 PBK		63	71	92
42CrMo4+Ni+V		120	135	174
43crnimo4.6		227	255	330
4M		41	46	59
47TS2		19	21	27
50NICR13		394	443	574
56NiCrMoV7		308	347	449
605M36		55	62	80
8630/vgs		193	217	280
86B45 H		99	112	144
86CrMoV7		78	87	112
92523 Crown Wheel		172	194	251
92523 Pinion		172	193	250
A 1041 F		17	20	25
A182 F1		92	103	134
A193 B16	ASTM	145	163	210
A193 B7		60	67	86
A320 L7		96	108	139
A694 F65		26	29	38
Aisi 4130 MOD. R		94	106	137
Aisi 4718		184	207	268
Aisi 4815		451	507	657
Aisi 8630 MOD		188	212	274
AISI 8720		116	130	169
AISI410		216	243	307
AMS 6418		306	345	446
B222-5		51	58	74
B222-6(4122 MOD)		46	51	66
B222-7		47	53	68
B222-8		95	107	138
B30		19	22	28
B46-1		212	239	309
B63-1		154	173	223
B63-2 (V2525-60)		141	159	205
B79		127	143	184
C50+MO		16	18	24
D60SiMn5/ A1		31	34	44
F11		93	105	136
F22		185	208	269
F22 MOD		232	262	338
Grade 50R		102	114	147
HMS 60		180	202	261
ITM 129		22	24	31
JDM 4320		256	288	374
MTS 238 / SAE 1141/I		18	21	27
P420 QH		111	125	162
PS30 SAE 4715		173	194	251
PS55		342	384	498

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
PS65		25	28	36
RES 10460		27	30	39
RES166380		47	53	68
S1060		313	352	456
S460NL		74	83	107
SA 508 Gr. 3		166	187	242
SA 765 Gr. 4		43	48	62
SAE 1017 MOD		14	16	21
SAE 4320 JDM		266	299	387
SAE 4820		454	511	663
SAE 8620		111	125	162
SAE 8627H		106	120	155
SAE 8822H		122	137	178
STE460		67	76	98
STE 690		196	221	286
STE 690V		168	189	245
STE500/GSA10		45	50	65
ste890		287	323	418
Steel 9313		422	475	614
TK23F		86	96	124
TK28A		81	91	118
TS45.02		7	8	11
UC1		10	12	15
V 2525-50		151	169	219
V2525-70		151	170	219
V2527-70		215	241	312
V2905-95		22	25	32
V2906		24	27	35
V2908-95		24	27	35
VSCH CRNI 2525 HL		138	155	201
VSCH-CRNI(S)-2525-U/HH+		148	166	215
VSCH-MNCR(S)-2158-U-HM		48	54	70
VSCH-MNCR(S)-2158-U-HH		55	62	80
VW 4227		27	30	39
VW 4521		262	294	381
VW1427		40	45	58
X19NiCrMo4		516	581	752
X30Cr13		196	221	279
ZF 1		207	233	301
ZF 1 A		268	301	389
ZF 49		28	32	41
ZF 50		9	11	14
ZF 6		35	39	50
ZF 63		27	31	39
ZF 64		25	28	36
ZF 7 B		32	36	46