

**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 2021- valid for March 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	10	11	14
38 Cr 2 KB	EN 10263-4	13	14	18
34 - 41Cr 4 KB	EN 10263-4	18	20	25
25 - 42 CrMo 4 KB	EN 10263-4	46	52	67
30 -40 NiCrMo 2 KB	EN 10263	119	134	174
38 NiCrMo 4 KB	EN 10263	146	164	213
34 CrNiMo 6 KB	EN 10263-4	236	265	343
40 NiCrMo 7 KB	EN 10263	266	299	387
Acciai da bonifica / Hardening and tempering steels				
QS1105200		11	13	16
41 Cr 4	EN 10083.1	18	21	26
36 CrMn 4	UNI 7847	20	22	28
51 CrV 4	EN 10083.1	37	42	54
25 - 42 CrMo 4	EN 10083.1	46	52	67
20-25 MoCr4		67	76	98
40 NiCrMo 2	EN 10083.1	107	121	156
36CrNiMo4	EN 10083.1	162	182	235
39 NiCrMo 3	EN 10083.1	146	164	212
40 NiCrMo 7	UNI 6926	269	303	392
30CrNiMo 8	EN 10083.1	333	374	484
30 NiCrMo 12		436	490	635
30 NiCrMoV 12	UNI 6787	454	511	662
36 NiCrMo 16	EN 10083.1	537	604	782
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	20	23	29
20 MnCr 5	EN 10084	23	26	33
SAE 94B17		63	71	92
18 CrMo 4	EN 10084	43	48	62
12 NiCr 3		90	102	131
16 - 20 CrNi 4	EN 10084	137	154	199
16 NiCr 11	EN 10084	343	386	500
16 - 20 NiCrMo 2	EN 10084	104	117	152
18 NiCrMo 5	EN 10084	206	232	301
17 CrNiMo 6	EN 10084	260	293	379
18 NiCrMo 7	EN 10084	278	313	405
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	86	97	124
31 CrMoV 9	EN 10085	71	80	103
34 - 41CrAlMo 7	EN 10085	68	76	98
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	18	20	26
36 CrMn 4	UNI 7847	20	23	29
41 CrMo 4	UNI 7847	41	47	60
40 NiCrMo 3	UNI 7847	149	168	217

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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	73	83	107
14 CrMo 3	EN 10216	82	92	119
18 CrMoSi 4	EN 10222	90	101	130
11 CrMo 9 10	EN 10222.2	152	171	221
16 CrMo 20 5	EN 10216.2	124	139	178
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	431	485	629
X 12 Ni 09	EN10222-4	1105	1243	1611
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	20	23	29
100 CrMo 7	EN 683.17	54	60	78
100 CrMn 4	EN 683.17	18	21	26
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	19	21	28
60 SiCr 8	EN 10089	24	28	36
52 SiCrNi 5	EN 10089	99	111	143
45 SiCrMo 6	EN 10089	47	53	68
55 Cr 3	EN 10089	15	17	22
50 CrV 4	EN 10089	36	41	52
51 CrMoV 4	EN 10089	59	67	86
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	24	27	35
19 - 46 MnVS 6	EN 10267	25	28	36
38MnSiVS6		26	30	38
D25M6		27	31	40
48MnV3		18	20	27
Acciai vari / Other steels				
1.0038	S235JR	5	6	8
1.0432	C21	9	11	14
1.0460	P250GH	5	5	7
1.0482	19Mn5	12	14	18
1.0503	C45	5	5	7
1.0511	C40	5	5	7
1.0528	C30	5	5	7
1.0535	C55	7	8	10
1.0540	C50	5	6	8
1.0553	S355J0	12	13	17
1.0565	P355NH	11	13	17
1.0566	P355NL1	9	10	13
1.0570	S355J2G3	10	11	14
1.0577	S355J2	11	13	16
1.0715	11SMn30	8	9	11
1.0721	10S20	8	9	12
1.0726	35S20	8	9	12
1.0764	36SMn14	11	12	15
1.1108	10Mn4	10	11	14
1.1127	38Mn6	13	14	19
1.1132	C15E2C	6	6	8
1.1140	C15R	5	6	8
1.1141	C15E	5	5	7
1.1160	22Mn6	13	15	19
1.1167	36Mn5	10	11	14
1.1181	C35E	6	7	9
1.1191	C45E/CK45	6	7	9
1.1197	25MnV5	17	19	24
1.1201	C45R	5	5	7
1.1206	C50E	5	6	8
1.1213	CF53	4	4	6
1.1219	C56E2	5	6	8
1.1231	C67S	7	8	11
1.1236	C66D2	4	5	6
1.1241	C50R	5	6	8
1.1301	19MnVS6	24	27	35
1.1302	30MnVS6	25	28	36
1.1303	38MnVS6	26	29	37
1.1304	46MnVD6	25	29	37
1.1305	46MnVS3	23	26	34

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.2007	70Cr2	14	16	21
1.2067	102Cr6	20	23	29
1.2242	59CrV4	30	33	43
1.2826	60MnSiCr4	17	19	25
1.3505	100Cr6	20	23	29
1.3520	100CrMnSi6-4	41	46	59
1.3531	16CrNiMo6	247	278	359
1.3536	100CrMo7-3	60	67	86
1.3537	100CrMo7	48	54	69
1.3538	100CrMo7-4	81	91	118
1.3539	100CrMnMoSi8-4-6	98	110	142
1.4021	X 20 Cr 13	149	167	211
1.4901	X10CrWMoVNB9-2	710	736	1031
1.4903	X10CrMoVNB9-1	259	291	374
1.5066	30Mn5	12	13	17
1.5120	38MnSi4	15	16	21
1.5216	17MnV6	28	32	41
1.5217	20MnV6	28	31	41
1.5223	42MnV7	24	27	35
1.5231	38MnSiVS5	26	30	38
1.5232	27MnSiVS6	27	30	39
1.5233	44MnSiVS6	27	30	39
1.5415	16Mo3	43	48	62
1.5423	16Mo5	71	80	104
1.5523	19MnB4	7	8	10
1.5526	30MNB4	11	12	16
1.5527	40MnB4	13	14	18
1.5532	38MnB5	9	10	13
1.5662	X 8 Ni 9	1103	1241	1609
1.5708	12NiCr3	88	99	129
1.5715	16NiCrS4	137	154	199
1.5752	15NiCr13	412	463	600
1.5810	18 NiCr 5-4	181	204	264
1.5918	17 CrNi 6-6	211	237	306
1.6510	39 NiCrMo 3	141	159	205
1.6511	36 CrNiMo 4	171	193	249
1.6522	20 NiCrMo 2	102	115	149
1.6523	20 NiCrMo 2-2	104	117	152
1.6526	20NiCrMoS2-2	103	116	150
1.6527	20NiCrMo3	133	149	193
1.6541	23 MnNiCrMo 5 2	112	126	163
1.6562	40 NiCrMo 8-4	282	317	411
1.6563	41 NiCrMo 7-3-2	269	303	392
1.6566	17 NiCrMo 6-4	206	232	301
1.6580	30 CrNiMo 8	333	374	484
1.6582	34 CrNiMo 6	231	260	336
1.6587	18 CrNiMo 7-6	260	293	379
1.6657	14 NiCrMo 13-4	474	533	690
1.6758	23 MnNiMoCr 5-4	203	228	296
1.6782	16NiCrMo12-6	418	471	609
1.6959	35 NiCrMoV 12-5	467	525	680
1.7016	17Cr3	16	18	23
1.7033	34Cr4	18	21	26
1.7034	37Cr4	18	21	26
1.7035	41Cr4	18	21	26
1.7039	41CrS4	18	21	26
1.7043	38Cr4	18	21	26
1.7076	32CrB4	16	18	23
1.7077	36CrB4	18	20	25
1.7117	52SiCrNi5	99	111	143
1.7131	16 MnCr 5	20	23	29
1.7137	60 MnCrB 3	16	19	24
1.7139	16 MnCrS 5	20	23	29
1.7147	20 MnCr 5	23	26	33
1.7148	30MnCrB4-2	23	26	33
1.7149	20 MnCrS 5	23	26	33
1.7160	16 MnCrB 5	18	20	26
1.7168	18 MnCrB 5	21	24	30
1.7176	55Cr3	18	21	26

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1.7177	60Cr3	14	16	20
1.7182	27 MnCrB 5 2	14	15	20
1.7185	33 MnCrB 5 2	14	16	21
1.7213	25 CrMoS 4	44	49	63
1.7216	30 CrMo 4	43	49	62
1.7218	25CrMo4	46	52	67
1.7220	34 CrMo 4	46	52	67
1.7223	41 CrMo 4	46	52	67
1.7225	42CrMo4	46	52	67
1.7226	34 CrMoS 4	46	52	67
1.7227	42 CrMoS 4	46	52	67
1.7228	50 CrMo 4	46	52	67
1.7243	18 CrMo 4	43	48	62
1.7311	20CrMo2	56	63	81
1.7319	20 MoCrS 3	59	66	86
1.7321	20 MoCr 4	67	75	97
1.7323	20 MoCrS 4	67	75	97
1.7325	25 MoCr 4	67	76	98
1.7326	25 MoCrS 4	67	76	98
1.7335	13 CrMo 4-5	69	78	101
1.7337	16 CrMo 4-4	72	81	105
1.7362	X12CrMo5	123	138	177
1.7380	10 CrMo 9 10	151	170	219
1.7383	11 CrMo 9-10	151	170	220
1.7386	X 12 CrMo 9 1	229	258	330
1.7701	52CrMoV4	59	67	86
1.7765	32CrMoV12-10	187	210	271
1.8062	46SiCrMo6	50	57	73
1.8159	51CrV4	37	42	54
1.8161	58 CrV 4	34	39	50
1.8201	7CrWVMoNb9-6	73	82	105
1.8515	31 CrMo 12	85	95	122
1.8519	31 CrMoV 9	71	80	103
1.8550	34 CrAlNi 7-10	180	203	262
1.8871	P460QH	19	21	28
1.8901	S 460 N	108	121	157
1.8905	P 460 N	87	98	127
1.8907	StE 500	108	121	157
1.8915	P460NL1	87	98	127
1.8928	S690QL	206	232	301
92145		28	31	40
92216		23	26	33
92421		72	81	104
92520		206	232	301
92523		169	190	245
0078 A		84	95	122
1 E 1286		28	31	40
1.1301-1.1302 mod		24	27	35
107-38MnV5		22	25	32
108-C40Mn		15	16	21
113-35CrB5		19	21	27
123-35MnCrB5		19	21	27
15CrNi6		206	231	299
18NCD4 RENAULT (C9)		152	171	222
18M		28	32	42
1DRB		29	32	41
1E0042		7	8	11
1E 0509		42	48	62
1E 0621		10	11	14
1E 0669		9	10	13
1E 0686		11	12	16
1E 0769		12	14	18
1E 0778		48	54	70
1E 0951		34	38	49
1E0997		36	41	53
1E 1054		56	63	81
1E 836\1E 1120		40	45	58
1E1058		48	54	69
1E1286 - 1E1286B		28	31	40

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E1497		22	25	32
20MNCr5F		61	69	88
20NiCr6		184	207	268
21CrMoV5.11		175	197	255
22MnV6		50	56	73
23CrMoB3		54	61	79
23MCD5		61	68	88
23MnNiCrMo5.2		120	135	175
25CRNIMO2		137	155	200
28 CDV5.08		150	169	219
30 Cr Si Mo V 663		77	87	112
30CRMOV10F		121	137	176
30NiCrMoV7		282	317	410
33MNCrMOB5		33	37	48
35MNB5		18	20	26
37MNCrMOB5		29	33	42
39MNCrB6		18	20	26
368.6		89	100	129
41CrS4 Mod 27		30	33	43
42CrMo4 JMBK		58	66	85
42CrMo4 PBK		49	55	71
42CrMo4+Ni+V		105	118	152
43crnimo4.6		224	252	326
4M		31	35	45
47TS2		13	15	19
50NICR13		412	463	600
56NiCrMoV7		295	332	430
605M36		43	48	63
8630/vgs		178	201	260
86B45 H		91	102	132
86CrMoV7		59	66	85
92523 Crown Wheel		169	190	245
92523 Pinion		169	190	246
A 1041 F		12	14	18
A182 F1		74	83	107
A193 B16	ASTM	110	124	160
A193 B7		46	52	67
A320 L7		84	94	122
A694 F65		18	21	27
Aisi 4130 MOD. R		83	93	120
Aisi 4718		177	199	257
Aisi 4815		463	521	676
AISI 8720		109	123	159
AISI410		170	192	243
AMS 6418		297	334	432
B222-5		39	44	57
B222-6(4122 MOD)		35	39	51
B222-7		36	41	53
B222-8		80	90	116
B30		14	16	20
B46-1		209	235	305
B63-1		155	174	225
B63-2 (V2525-60)		137	154	199
B79		115	130	168
C50+MO		13	14	18
D60SiMn5/ A1		21	24	30
F11		73	82	106
F22		148	166	215
F22 MOD		196	220	284
Grade 50R		87	98	126
HMS 60		138	155	201
ITM 129		15	17	22
JDM 4320		258	290	375
MTS 238 / SAE 1141/I		13	15	19
P420 QH		106	119	154
PS30 SAE 4715		160	180	233
PS55		329	370	479
PS65		18	20	26
RES 10460		19	22	28

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
RES166380		36	41	53
S1060		307	346	448
S460NL		73	82	106
SA 508 Gr. 3		152	171	222
SA 765 Gr. 4		36	41	53
SAE 1017 MOD		10	12	15
SAE 4320 JDM		268	301	390
SAE 4820		470	529	686
SAE 8620		104	117	152
SAE 8627H		100	112	145
SAE 8822H		110	124	161
STE460		54	61	79
STE 690		182	204	265
STE 690V		157	177	229
STE500/GSA10		31	35	45
ste890		284	319	413
Steel 9313		434	488	632
TK23F		83	94	121
TK28A		76	86	111
TS45.02		5	6	8
UC1		7	8	11
V 2525-50		145	163	210
V2525-70		152	171	221
V2527-70		216	243	314
V2905-95		15	17	22
V2906		17	19	24
V2908-95		17	19	24
VSCH CRNI 2525 HL		136	153	198
VSCH-CRNI(S)-2525-U/HH+		150	169	219
VSCH-MNCR(S)-2158-U-HM		42	48	61
VSCH-MNCR(S)-2158-U-HH		47	53	68
VW 4227		20	22	29
VW 4521		260	293	379
VW1427		27	31	40
X19NiCrMo4		534	601	778
X30Cr13		144	162	204
ZF 1		211	237	306
ZF 1 A		260	293	379
ZF 49		20	22	29
ZF 50		7	7	10
ZF 6		26	29	38
ZF 63		20	22	28
ZF 64		18	20	26
ZF 7 B		23	26	33