

**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 Maggio 2021- valid for May 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	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	13	15	19
38 Cr 2 KB	EN 10263-4	18	20	25
34 - 41Cr 4 KB	EN 10263-4	27	30	38
25 - 42 CrMo 4 KB	EN 10263-4	58	66	84
30 -40 NiCrMo 2 KB	EN 10263	119	133	172
38 NiCrMo 4 KB	EN 10263	145	163	211
34 CrNiMo 6 KB	EN 10263-4	231	260	336
40 NiCrMo 7 KB	EN 10263	252	283	367
Acciai da bonifica / Hardening and tempering steels				
QS1105200		13	15	19
41 Cr 4	EN 10083.1	27	31	39
36 CrMn 4	UNI 7847	29	33	42
51 CrV 4	EN 10083.1	55	62	79
25 - 42 CrMo 4	EN 10083.1	58	66	84
20-25 MoCr4		79	88	114
40 NiCrMo 2	EN 10083.1	108	121	157
36CrNiMo4	EN 10083.1	159	179	232
39 NiCrMo 3	EN 10083.1	144	162	209
40 NiCrMo 7	UNI 6926	254	286	370
30CrNiMo 8	EN 10083.1	325	366	473
30 NiCrMo 12		408	460	595
30 NiCrMoV 12	UNI 6787	433	487	631
36 NiCrMo 16	EN 10083.1	503	566	732
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	29	32	41
20 MnCr 5	EN 10084	34	38	48
SAE 94B17		66	74	95
18 CrMo 4	EN 10084	54	61	79
12 NiCr 3		87	97	126
16 - 20 CrNi 4	EN 10084	131	147	190
16 NiCr 11	EN 10084	313	353	456
16 - 20 NiCrMo 2	EN 10084	105	118	152
18 NiCrMo 5	EN 10084	199	224	289
17 CrNiMo 6	EN 10084	257	289	373
18 NiCrMo 7	EN 10084	266	300	388
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	115	129	165
31 CrMoV 9	EN 10085	101	113	145
34 - 41CrAlMo 7	EN 10085	87	97	125
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	27	30	38
36 CrMn 4	UNI 7847	30	34	43
41 CrMo 4	UNI 7847	53	59	76
40 NiCrMo 3	UNI 7847	147	165	213

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	82	92	120
14 CrMo 3	EN 10216	97	109	141
18 CrMoSi 4	EN 10222	109	123	158
11 CrMo 9 10	EN 10222.2	184	207	266
16 CrMo 20 5	EN 10216.2	169	190	243
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	383	431	559
X 12 Ni 09	EN10222-4	982	1104	1432
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	32	36	46
100 CrMo 7	EN 683.17	71	80	103
100 CrMn 4	EN 683.17	27	30	38
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	25	28	37
60 SiCr 8	EN 10089	33	38	48
52 SiCrNi 5	EN 10089	101	114	147
45 SiCrMo 6	EN 10089	59	67	86
55 Cr 3	EN 10089	22	25	32
50 CrV 4	EN 10089	53	60	77
51 CrMoV 4	EN 10089	78	88	114
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	32	35	46
19 - 46 MnVS 6	EN 10267	33	37	48
38MnSiVS6		35	39	51
D25M6		37	42	54
48MnV3		24	28	36
Acciai vari / Other steels				
1.0038	S235JR	6	7	9
1.0432	C21	11	13	16
1.0460	P250GH	5	6	8
1.0482	19Mn5	15	16	21
1.0503	C45	5	6	8
1.0511	C40	5	6	8
1.0528	C30	5	6	8
1.0535	C55	8	9	12
1.0540	C50	6	7	9
1.0553	S355J0	14	16	20
1.0565	P355NH	13	15	20
1.0566	P355NL1	10	11	15
1.0570	S355J2G3	11	12	16
1.0577	S355J2	13	15	19
1.0715	11SMn30	9	10	13
1.0721	10S20	9	11	14
1.0726	35S20	10	11	15
1.0764	36SMn14	12	13	17
1.1108	10Mn4	11	13	17
1.1127	38Mn6	15	17	22
1.1132	C15E2C	7	8	10
1.1140	C15R	6	7	9
1.1141	C15E	6	6	8
1.1160	22Mn6	16	18	23
1.1167	36Mn5	11	12	16
1.1181	C35E	7	8	10
1.1191	C45E/CK45	8	9	11
1.1197	25MnV5	22	24	31
1.1201	C45R	5	6	8
1.1206	C50E	6	7	9
1.1213	CF53	4	5	6
1.1219	C56E2	6	7	9
1.1231	C67S	9	10	13
1.1236	C66D2	5	6	8
1.1241	C50R	6	7	9
1.1301	19MnVS6	32	35	46
1.1302	30MnVS6	33	37	48
1.1303	38MnVS6	34	38	50
1.1304	46MnVD6	34	38	49
1.1305	46MnVS3	32	36	47

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1.2007	70Cr2	21	23	30
1.2067	102Cr6	32	36	46
1.2242	59CrV4	44	49	63
1.2826	60MnSiCr4	23	26	34
1.3505	100Cr6	32	36	46
1.3520	100CrMnSi6-4	53	60	77
1.3531	16CrNiMo6	242	272	352
1.3536	100CrMo7-3	78	88	112
1.3537	100CrMo7	65	73	94
1.3538	100CrMo7-4	102	115	147
1.3539	100CrMnMoSi8-4-6	122	137	176
1.4021	X 20 Cr 13	248	279	353
1.4901	X10CrWMoVNB9-2	831	867	1205
1.4903	X10CrMoVNB9-1	346	389	498
1.5066	30Mn5	13	15	20
1.5120	38MnSi4	18	20	27
1.5216	17MnV6	38	42	55
1.5217	20MnV6	37	42	54
1.5223	42MnV7	31	35	46
1.5231	38MnSiVS5	35	39	51
1.5232	27MnSiVS6	36	40	52
1.5233	44MnSiVS6	36	40	52
1.5243	42MnSiV3 - 3	28	32	41
1.5415	16Mo3	48	54	70
1.5423	16Mo5	79	89	116
1.5523	19MnB4	8	9	11
1.5526	30MNB4	14	15	20
1.5527	40MnB4	16	19	24
1.5532	38MnB5	10	12	15
1.5662	X 8 Ni 9	980	1103	1429
1.5708	12NiCr3	84	94	122
1.5715	16NiCrS4	131	147	190
1.5752	15NiCr13	375	422	546
1.5810	18 NiCr 5-4	171	193	249
1.5918	17 CrNi 6-6	201	227	292
1.6510	39 NiCrMo 3	139	156	201
1.6511	36 CrNiMo 4	168	189	244
1.6522	20 NiCrMo 2	101	114	148
1.6523	20 NiCrMo 2-2	104	118	152
1.6526	20NiCrMoS2-2	103	116	149
1.6527	20NiCrMo3	129	145	187
1.6541	23 MnNiCrMo 5 2	112	126	163
1.6562	40 NiCrMo 8-4	269	303	392
1.6563	41 NiCrMo 7-3-2	254	286	370
1.6566	17 NiCrMo 6-4	199	224	289
1.6580	30 CrNiMo 8	325	366	473
1.6582	34 CrNiMo 6	225	253	327
1.6587	18 CrNiMo 7-6	257	289	373
1.6657	14 NiCrMo 13-4	437	492	637
1.6758	23 MnNiMoCr 5-4	201	227	293
1.6782	16NiCrMo12-6	395	445	575
1.6959	35 NiCrMoV 12-5	450	506	655
1.7016	17Cr3	24	27	34
1.7033	34Cr4	27	31	39
1.7034	37Cr4	27	31	39
1.7035	41Cr4	27	31	39
1.7039	41CrS4	27	31	39
1.7043	38Cr4	27	31	39
1.7076	32CrB4	25	28	35
1.7077	36CrB4	26	30	38
1.7117	52SiCrNi5	101	114	147
1.7131	16 MnCr 5	29	33	42
1.7137	60 MnCrB 3	24	27	34
1.7139	16 MnCrS 5	29	33	42
1.7147	20 MnCr 5	34	38	48
1.7148	30MnCrB4-2	34	38	48
1.7149	20 MnCrS 5	34	38	48
1.7160	16 MnCrB 5	26	29	37
1.7168	18 MnCrB 5	31	34	44

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1.7176	55Cr3	26	30	38
1.7177	60Cr3	20	23	29
1.7182	27 MnCrB 5 2	18	20	26
1.7185	33 MnCrB 5 2	19	21	27
1.7213	25 CrMoS 4	55	62	79
1.7216	30 CrMo 4	54	61	79
1.7218	25CrMo4	58	66	84
1.7220	34 CrMo 4	58	66	84
1.7223	41 CrMo 4	58	66	84
1.7225	42CrMo4	58	66	84
1.7226	34 CrMoS 4	58	66	84
1.7227	42 CrMoS 4	58	66	84
1.7228	50 CrMo 4	58	66	84
1.7243	18 CrMo 4	54	61	79
1.7311	20CrMo2	66	74	96
1.7319	20 MoCrS 3	71	80	103
1.7321	20 MoCr 4	77	87	112
1.7323	20 MoCrS 4	77	87	112
1.7325	25 MoCr 4	79	88	114
1.7326	25 MoCrS 4	79	88	114
1.7335	13 CrMo 4-5	83	93	120
1.7337	16 CrMo 4-4	87	98	126
1.7362	X12CrMo5	167	188	240
1.7380	10 CrMo 9 10	182	205	264
1.7383	11 CrMo 9-10	182	205	264
1.7386	X 12 CrMo 9 1	315	354	452
1.7701	52CrMoV4	78	88	114
1.7765	32CrMoV12-10	237	267	344
1.8062	46SiCrMo6	63	71	91
1.8159	51CrV4	55	62	79
1.8161	58 CrV 4	51	57	73
1.8201	7CrWVMoNb9-6	104	117	150
1.8515	31 CrMo 12	113	127	162
1.8519	31 CrMoV 9	101	113	145
1.8550	34 CrAlNi 7-10	181	204	263
1.8871	P460QH	24	27	35
1.8901	S 460 N	118	133	172
1.8905	P 460 N	84	94	122
1.8907	StE 500	103	116	150
1.8915	P460NL1	85	96	124
1.8928	S690QL	199	224	289
92145		37	41	54
92216		34	38	48
92421		85	96	124
92520		199	224	289
92523		165	186	240
0078 A		96	108	139
1 E 1286		41	46	59
1.1301-1.1302 mod		32	36	47
107-38MnV5		30	33	43
108-C40Mn		19	21	27
113-35CrB5		27	31	39
123-35MnCrB5		25	28	36
15CrNi6		198	223	287
18NCD4 RENAULT (C9)		146	164	212
18M		36	41	53
1DRB		37	42	54
1E0042		9	10	13
1E 0509		54	60	78
1E 0621		11	13	17
1E 0669		10	12	15
1E 0686		13	15	19
1E 0769		14	16	21
1E 0778		59	66	85
1E 0951		41	47	60
1E0997		44	50	64
1E 1054		68	77	99
1E 836\1E 1120		48	54	69
1E1058		60	67	86

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1E1286 - 1E1286B		41	46	59
1E1497		30	33	43
20MNCr5F		69	78	100
20NiCr6		175	197	255
21CrMoV5.11		213	239	309
22MnV6		58	65	85
23CrMoB3		66	74	96
23MCD5		70	79	102
23MnNiCrMo5.2		121	136	176
25CRNIMO2		140	158	204
28 CDV5.08		186	209	270
30 Cr Si Mo V 663		105	118	151
30CRMOV10F		155	175	225
30NiCrMoV7		272	306	397
33MNCrMOB5		41	46	59
35MNB5		24	27	34
37MNCrMOB5		36	41	52
39MNCrB6		24	26	34
368.6		89	101	130
41CrS4 Mod 27		41	46	58
42CrMo4 JMBK		72	81	104
42CrMo4 PBK		62	70	89
42CrMo4+Ni+V		116	131	169
43crnimo4.6		217	244	315
4M		40	45	58
47TS2		17	19	25
50NICR13		375	422	546
56NiCrMoV7		293	329	426
605M36		48	54	70
8630/vgs		182	205	264
86B45 H		94	105	136
86CrMoV7		80	90	115
92523 Crown Wheel		165	186	240
92523 Pinion		165	185	240
A 1041 F		14	16	21
A182 F1		82	92	120
A193 B16	ASTM	139	157	202
A193 B7		58	66	84
A320 L7		92	104	134
A694 F65		24	27	35
Aisi 4130 MOD. R		91	102	132
Aisi 4718		172	194	251
Aisi 4815		423	476	618
Aisi 8630 MOD		178	200	259
AISI 8720		109	123	159
AISI410		258	290	367
AMS 6418		285	320	415
B222-5		48	55	70
B222-6(4122 MOD)		43	48	62
B222-7		44	50	64
B222-8		89	100	129
B30		18	20	25
B46-1		202	227	294
B63-1		148	167	215
B63-2 (V2525-60)		136	153	198
B79		119	134	173
C50+MO		14	16	20
D60SiMn5/ A1		29	33	42
F11		89	100	129
F22		177	199	257
F22 MOD		223	251	323
Grade 50R		98	110	141
HMS 60		173	195	251
ITM 129		20	22	29
JDM 4320		242	272	352
MTS 238 / SAE 1141/I		15	17	23
P420 QH		103	116	150
PS30 SAE 4715		161	181	235
PS55		319	359	465

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
PS65		26	29	37
RES 10460		23	26	34
RES166380		44	50	64
S1060		298	335	433
S460NL		69	78	101
SA 508 Gr. 3		152	171	221
SA 765 Gr. 4		40	44	58
SAE 1017 MOD		14	15	20
SAE 4320 JDM		250	282	365
SAE 4820		426	479	621
SAE 8620		105	118	152
SAE 8627H		100	113	146
SAE 8822H		114	129	166
STE460		64	72	93
STE 690		184	207	268
STE 690V		160	180	233
STE500/GSA10		42	47	61
ste890		273	307	397
Steel 9313		403	453	586
TK23F		81	91	118
TK28A		76	86	111
TS45.02		6	7	9
UC1		9	10	13
V 2525-50		144	162	209
V2525-70		145	164	211
V2527-70		208	234	303
V2905-95		21	23	30
V2906		22	25	32
V2908-95		21	24	30
VSCH CRNI 2525 HL		133	150	193
VSCH-CRNI(S)-2525-U/HH+		143	160	207
VSCH-MNCR(S)-2158-U-HM		49	56	71
VSCH-MNCR(S)-2158-U-HH		56	63	81
VW 4227		29	32	41
VW 4521		247	278	360
VW1427		37	41	54
X19NiCrMo4		491	552	715
X30Cr13		241	271	342
ZF 1		201	227	292
ZF 1 A		257	289	373
ZF 49		27	31	40
ZF 50		8	9	12
ZF 6		35	40	51
ZF 63		29	33	42
ZF 64		27	31	39
ZF 7 B		34	38	48