

**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 Febbraio 2021- valid for February 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	r/s billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
<b>Acciai per bulloneria / Bolts and nuts steels</b>				
38 Cr 1 KB	EN 10263	8	8	11
38 Cr 2 KB	EN 10263-4	10	11	14
34 - 41Cr 4 KB	EN 10263-4	13	15	19
25 - 42 CrMo 4 KB	EN 10263-4	37	41	53
30 -40 NiCrMo 2 KB	EN 10263	106	119	154
38 NiCrMo 4 KB	EN 10263	130	146	189
34 CrNiMo 6 KB	EN 10263-4	212	238	308
40 NiCrMo 7 KB	EN 10263	241	271	351
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		9	10	13
41 Cr 4	EN 10083.1	14	15	20
36 CrMn 4	UNI 7847	15	17	21
51 CrV 4	EN 10083.1	27	30	39
25 - 42 CrMo 4	EN 10083.1	37	41	53
20-25 MoCr4		54	61	79
40 NiCrMo 2	EN 10083.1	94	106	138
36CrNiMo4	EN 10083.1	145	163	210
39 NiCrMo 3	EN 10083.1	130	146	189
40 NiCrMo 7	UNI 6926	244	274	355
30CrNiMo 8	EN 10083.1	298	336	435
30 NiCrMo 12		395	445	576
30 NiCrMoV 12	UNI 6787	410	461	597
36 NiCrMo 16	EN 10083.1	490	551	713
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	15	17	22
20 MnCr 5	EN 10084	18	20	25
SAE 94B17		55	62	81
18 CrMo 4	EN 10084	34	38	49
12 NiCr 3		82	92	120
16 - 20 CrNi 4	EN 10084	124	140	181
16 NiCr 11	EN 10084	317	356	462
16 - 20 NiCrMo 2	EN 10084	92	104	134
18 NiCrMo 5	EN 10084	186	209	271
17 CrNiMo 6	EN 10084	232	261	338
18 NiCrMo 7	EN 10084	251	282	366
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	67	75	97
31 CrMoV 9	EN 10085	54	60	77
34 - 41CrAlMo 7	EN 10085	53	60	77
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	13	15	19
36 CrMn 4	UNI 7847	15	17	22
41 CrMo 4	UNI 7847	33	37	47
40 NiCrMo 3	UNI 7847	133	150	194

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	60	67	87
14 CrMo 3	EN 10216	66	74	96
18 CrMoSi 4	EN 10222	72	81	104
11 CrMo 9 10	EN 10222.2	121	137	176
16 CrMo 20 5	EN 10216.2	96	108	138
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	400	450	584
X 12 Ni 09	EN10222-4	1026	1155	1497
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	15	17	21
100 CrMo 7	EN 683.17	42	47	60
100 CrMn 4	EN 683.17	14	16	20
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	15	17	22
60 SiCr 8	EN 10089	19	21	28
52 SiCrNi 5	EN 10089	87	98	127
45 SiCrMo 6	EN 10089	37	42	54
55 Cr 3	EN 10089	12	13	17
50 CrV 4	EN 10089	26	30	38
51 CrMoV 4	EN 10089	45	51	66
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	18	20	26
19 - 46 MnVS 6	EN 10267	19	21	27
38MnSiVS6		20	22	29
D25M6		21	23	30
48MnV3		14	15	20
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	4	5	6
1.0432	C21	8	9	11
1.0460	P250GH	4	4	5
1.0482	19Mn5	10	11	14
1.0503	C45	4	4	5
1.0511	C40	4	4	5
1.0528	C30	4	4	5
1.0535	C55	6	6	8
1.0540	C50	4	5	6
1.0553	S355J0	10	11	14
1.0565	P355NH	9	10	13
1.0566	P355NL1	7	8	11
1.0570	S355J2G3	8	9	11
1.0577	S355J2	9	10	13
1.0715	11SMn30	6	7	9
1.0721	10S20	6	7	9
1.0726	35S20	7	7	10
1.0764	36SMn14	9	10	13
1.1108	10Mn4	8	9	11
1.1127	38Mn6	10	12	15
1.1132	C15E2C	4	5	6
1.1140	C15R	4	5	6
1.1141	C15E	4	4	5
1.1160	22Mn6	10	12	15
1.1167	36Mn5	8	9	11
1.1181	C35E	5	5	7
1.1191	C45E/CK45	5	6	8
1.1197	25MnV5	13	14	19
1.1201	C45R	4	4	5
1.1206	C50E	4	5	6
1.1213	CF53	3	4	5
1.1219	C56E2	4	5	6
1.1231	C67S	6	7	9
1.1236	C66D2	4	4	5
1.1241	C50R	4	5	6
1.1301	19MnVS6	18	20	26
1.1302	30MnVS6	19	21	27
1.1303	38MnVS6	19	22	28
1.1304	46MnVD6	19	22	28
1.1305	46MnVS3	17	19	25

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1.2007	70Cr2	11	12	16
1.2067	102Cr6	15	17	21
1.2242	59CrV4	22	24	31
1.2826	60MnSiCr4	14	15	20
1.3505	100Cr6	15	17	21
1.3520	100CrMnSi6-4	33	37	47
1.3531	16CrNiMo6	221	249	322
1.3536	100CrMo7-3	47	52	67
1.3537	100CrMo7	37	42	54
1.3538	100CrMo7-4	64	72	93
1.3539	100CrMnMoSi8-4-6	78	87	113
1.4021	X 20 Cr 13	107	120	152
1.4901	X10CrWMoVNB9-2	693	714	1008
1.4903	X10CrMoVNB9-1	204	230	295
1.5066	30Mn5	9	10	14
1.5120	38MnSi4	12	13	17
1.5216	17MnV6	21	24	31
1.5217	20MnV6	21	23	30
1.5223	42MnV7	18	21	27
1.5231	38MnSiVS5	20	22	29
1.5232	27MnSiVS6	20	23	30
1.5233	44MnSiVS6	20	23	30
1.5415	16Mo3	35	39	51
1.5423	16Mo5	58	65	85
1.5523	19MnB4	6	6	8
1.5526	30MNB4	8	10	12
1.5527	40MnB4	10	11	14
1.5532	38MnB5	8	8	11
1.5662	X 8 Ni 9	1025	1153	1495
1.5708	12NiCr3	81	91	117
1.5715	16NiCrS4	124	140	181
1.5752	15NiCr13	380	428	554
1.5810	18 NiCr 5-4	166	186	241
1.5918	17 CrNi 6-6	192	216	279
1.6510	39 NiCrMo 3	126	142	184
1.6511	36 CrNiMo 4	153	172	223
1.6522	20 NiCrMo 2	90	102	132
1.6523	20 NiCrMo 2-2	92	104	134
1.6526	20NiCrMoS2-2	91	102	133
1.6527	20NiCrMo3	119	134	173
1.6541	23 MnNiCrMo 5 2	98	110	143
1.6562	40 NiCrMo 8-4	254	286	371
1.6563	41 NiCrMo 7-3-2	244	274	355
1.6566	17 NiCrMo 6-4	186	209	271
1.6580	30 CrNiMo 8	298	336	435
1.6582	34 CrNiMo 6	208	234	302
1.6587	18 CrNiMo 7-6	232	261	338
1.6657	14 NiCrMo 13-4	434	488	632
1.6758	23 MnNiMoCr 5-4	179	201	261
1.6782	16NiCrMo12-6	380	427	553
1.6959	35 NiCrMoV 12-5	419	472	611
1.7016	17Cr3	12	14	18
1.7033	34Cr4	14	15	20
1.7034	37Cr4	14	15	20
1.7035	41Cr4	14	15	20
1.7039	41CrS4	14	15	20
1.7043	38Cr4	14	15	20
1.7076	32CrB4	12	14	18
1.7077	36CrB4	13	15	19
1.7117	52SiCrNi5	87	98	127
1.7131	16 MnCr 5	15	17	22
1.7137	60 MnCrB 3	13	14	18
1.7139	16 MnCrS 5	15	17	22
1.7147	20 MnCr 5	18	20	25
1.7148	30MnCrB4-2	18	20	25
1.7149	20 MnCrS 5	18	20	25
1.7160	16 MnCrB 5	14	16	20
1.7168	18 MnCrB 5	16	18	23
1.7176	55Cr3	14	16	20

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1.7177	60Cr3	11	12	15
1.7182	27 MnCrB 5 2	11	12	15
1.7185	33 MnCrB 5 2	11	13	16
1.7213	25 CrMoS 4	34	39	50
1.7216	30 CrMo 4	34	38	49
1.7218	25CrMo4	37	41	53
1.7220	34 CrMo 4	37	41	53
1.7223	41 CrMo 4	37	41	53
1.7225	42CrMo4	37	41	53
1.7226	34 CrMoS 4	37	41	53
1.7227	42 CrMoS 4	37	41	53
1.7228	50 CrMo 4	37	41	53
1.7243	18 CrMo 4	34	38	49
1.7311	20CrMo2	45	50	65
1.7319	20 MoCrS 3	47	53	68
1.7321	20 MoCr 4	54	60	78
1.7323	20 MoCrS 4	54	60	78
1.7325	25 MoCr 4	54	61	79
1.7326	25 MoCrS 4	54	61	79
1.7335	13 CrMo 4-5	56	63	81
1.7337	16 CrMo 4-4	58	65	84
1.7362	X12CrMo5	95	106	136
1.7380	10 CrMo 9 10	121	136	175
1.7383	11 CrMo 9-10	121	136	175
1.7386	X 12 CrMo 9 1	177	199	255
1.7701	52CrMoV4	45	51	66
1.7765	32CrMoV12-10	145	163	211
1.8062	46SiCrMo6	40	45	58
1.8159	51CrV4	27	30	39
1.8161	58 CrV 4	25	28	36
1.8201	7CrWVMoNb9-6	54	61	78
1.8515	31 CrMo 12	66	74	95
1.8519	31 CrMoV 9	54	60	77
1.8550	34 CrAlNi 7-10	161	181	234
1.8871	P460QH	15	16	21
1.8901	S 460 N	90	102	132
1.8905	P 460 N	78	88	114
1.8907	StE 500	97	109	142
1.8915	P460NL1	78	87	113
1.8928	S690QL	186	209	271
92145		21	23	30
92216		18	20	25
92421		57	65	84
92520		186	209	271
92523		151	170	220
0078 A		70	79	102
1 E 1286		21	23	30
1.1301-1.1302 mod		18	20	26
107-38MnV5		16	18	24
108-C40Mn		11	13	17
113-35CrB5		14	16	20
123-35MnCrB5		14	16	21
15CrNi6		187	210	272
18NCD4 RENAULT (C9)		139	156	202
1DRB		22	25	33
1E0042		6	7	9
1E 0509		34	38	49
1E 0621		8	9	11
1E 0669		7	8	10
1E 0686		9	10	13
1E 0769		10	11	15
1E 0778		38	43	55
1E 0951		27	30	39
1E0997		29	33	42
1E 1054		45	50	65
1E 836\1E 1120		32	36	46
1E1058		38	43	55
1E1286 - 1E1286B		21	23	30
1E1497		16	18	24

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
20MNCr5F		52	58	75
20NiCr6		168	189	244
21CrMoV5.11		138	155	200
22MnV6		41	46	60
23CrMoB3		43	49	63
23MCD5		51	57	74
23MnNiCrMo5.2		106	119	154
25CRNIMO2		120	135	175
28 CDV5.08		118	133	172
30 Cr Si Mo V 663		59	67	86
30CRMov10F		95	107	138
30NiCrMoV7		253	284	368
33MNCrMOB5		26	30	38
35MNB5		14	16	20
37MNCrMOB5		23	26	33
39MNCrB6		14	16	20
368.6		79	88	114
41CrS4 Mod 27		23	26	33
42CrMo4 JMBK		46	52	67
42CrMo4 PBK		39	44	56
42CrMo4+Ni+V		88	100	129
43crnimo4.6		201	227	293
4M		24	27	35
47TS2		11	12	15
50NICR13		380	428	554
56NiCrMoV7		262	295	382
605M36		35	39	51
8630/vgs		156	176	227
86B45 H		79	89	116
86CrMoV7		45	51	65
92523 Crown Wheel		151	170	220
92523 Pinion		152	171	221
A 1041 F		10	11	15
A182 F1		60	67	87
A193 B16	ASTM	85	96	124
A193 B7		37	41	53
A320 L7		71	80	103
A694 F65		14	16	20
Aisi 4718		157	177	229
Aisi 4815		425	478	620
AISI 8720		96	108	140
AISI410		130	147	186
AMS 6418		267	300	389
B222-5		31	35	45
B222-6(4122 MOD)		28	31	41
B222-7		29	32	42
B222-8		66	75	97
B30		11	12	16
B46-1		188	212	274
B63-1		140	158	204
B63-2 (V2525-60)		122	138	178
B79		100	113	146
C50+MO		10	12	15
D60SiMn5/ A1		16	18	24
F11		58	66	85
F22		118	133	172
F22 MOD		162	182	235
Grade 50R		73	82	106
ITM 129		12	14	18
JDM 4320		234	263	341
MTS 238 / SAE 1141/I		11	12	15
P420 QH		94	106	138
PS30 SAE 4715		140	158	205
PS55		293	330	427
PS65		14	16	20
RES 10460		16	18	23
RES166380		29	32	42
S1060		276	311	402
S460NL		66	75	97

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
SA 508 Gr. 3		133	149	194
SA 765 Gr. 4		31	35	45
SAE 1017 MOD		8	9	12
SAE 4320 JDM		243	274	355
SAE 4820		433	487	631
SAE 8620		92	104	134
SAE 8627H		88	99	128
SAE 8822H		96	108	139
STE460		44	49	64
STE 690		159	178	231
STE 690V		139	156	202
STE500/GSA10		23	26	34
ste890		256	288	373
Steel 9313		397	447	579
TK23F		75	84	109
TK28A		68	77	99
TS45.02		4	5	6
UC1		6	7	9
V 2525-50		129	145	187
V2525-70		138	156	201
V2527-70		195	220	284
V2905-95		11	13	17
V2906		12	14	18
V2908-95		13	15	19
VSCH CRNI 2525 HL		122	138	178
VSCH-MNCR(S)-2158-U-HM		36	40	52
VSCH-MNCR(S)-2158-U-HH		39	44	57
VW 4227		15	17	22
VW 4521		235	264	343
VW1427		21	23	30
X19NiCrMo4		490	552	715
X30Cr13		104	117	147
ZF 1		192	216	279
ZF 1 A		233	262	339
ZF 49		14	16	21
ZF 50		5	6	8
ZF 6		20	23	29
ZF 63		15	17	21
ZF 64		14	15	20
ZF 7 B		18	20	25