

**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 Settembre 2020 - valid for September 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
<b>Acciai per bulloneria / Bolts and nuts steels</b>				
38 Cr 1 KB	EN 10263	4	5	6
38 Cr 2 KB	EN 10263-4	6	7	9
34 - 41Cr 4 KB	EN 10263-4	9	10	13
25 - 42 CrMo 4 KB	EN 10263-4	24	27	35
30 -40 NiCrMo 2 KB	EN 10263	81	91	118
38 NiCrMo 4 KB	EN 10263	101	114	147
34 CrNiMo 6 KB	EN 10263-4	168	189	244
40 NiCrMo 7 KB	EN 10263	192	216	279
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		5	5	7
41 Cr 4	EN 10083.1	10	11	14
36 CrMn 4	UNI 7847	10	11	15
51 CrV 4	EN 10083.1	23	26	33
25 - 42 CrMo 4	EN 10083.1	24	27	35
20-25 MoCr4		35	40	51
40 NiCrMo 2	EN 10083.1	72	81	105
36CrNiMo4	EN 10083.1	114	128	166
39 NiCrMo 3	EN 10083.1	101	114	147
40 NiCrMo 7	UNI 6926	194	218	283
30CrNiMo 8	EN 10083.1	237	266	344
30 NiCrMo 12		314	354	458
30 NiCrMoV 12	UNI 6787	328	369	478
36 NiCrMo 16	EN 10083.1	394	444	574
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	10	12	15
20 MnCr 5	EN 10084	12	13	17
SAE 94B17		41	47	60
18 CrMo 4	EN 10084	22	25	32
12 NiCr 3		66	74	96
16 - 20 CrNi 4	EN 10084	100	112	145
16 NiCr 11	EN 10084	258	290	376
16 - 20 NiCrMo 2	EN 10084	70	79	102
18 NiCrMo 5	EN 10084	147	166	215
17 CrNiMo 6	EN 10084	184	207	267
18 NiCrMo 7	EN 10084	198	223	289
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	47	53	68
31 CrMoV 9	EN 10085	42	47	60
34 - 41CrAlMo 7	EN 10085	36	41	52
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	9	10	13
36 CrMn 4	UNI 7847	11	12	15
41 CrMo 4	UNI 7847	22	25	32
40 NiCrMo 3	UNI 7847	104	117	152

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<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	38	43	56
14 CrMo 3	EN 10216	43	49	63
18 CrMoSi 4	EN 10222	46	52	67
11 CrMo 9 10	EN 10222.2	81	91	118
16 CrMo 20 5	EN 10216.2	69	77	99
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	328	368	478
X 12 Ni 09	EN10222-4	840	945	1226
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	11	12	16
100 CrMo 7	EN 683.17	29	33	42
100 CrMn 4	EN 683.17	10	11	15
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	5	5	7
60 SiCr 8	EN 10089	7	8	10
52 SiCrNi 5	EN 10089	65	74	95
45 SiCrMo 6	EN 10089	21	23	30
55 Cr 3	EN 10089	8	9	11
50 CrV 4	EN 10089	22	25	32
51 CrMoV 4	EN 10089	34	38	49
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	13	15	19
19 - 46 MnVS 6	EN 10267	13	15	19
38MnSiVS6		14	15	20
D25M6		16	18	23
48MnV3		11	12	15
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	2	2	3
1.0432	C21	4	4	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	5	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	2
1.1160	22Mn6	6	6	8
1.1167	36Mn5	5	5	7
1.1181	C35E	2	2	3
1.1191	C45E/CK45	2	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	2
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

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1.2007	70Cr2	7	8	10
1.2067	102Cr6	11	12	16
1.2242	59CrV4	17	19	25
1.2826	60MnSiCr4	6	7	9
1.3505	100Cr6	11	12	16
1.3520	100CrMnSi6-4	23	26	34
1.3531	16CrNiMo6	176	198	256
1.3536	100CrMo7-3	32	36	46
1.3537	100CrMo7	26	29	37
1.3538	100CrMo7-4	43	49	63
1.3539	100CrMnMoSi8-4-6	52	58	75
1.4021	X 20 Cr 13	89	100	126
1.4901	X10CrWMoVNB9-2	566	583	822
1.4903	X10CrMoVNB9-1	159	179	230
1.5066	30Mn5	5	6	7
1.5120	38MnSi4	5	5	7
1.5216	17MnV6	16	19	24
1.5217	20MnV6	16	18	24
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	22	24	32
1.5423	16Mo5	38	43	55
1.5523	19MnB4	3	4	5
1.5526	30MNB4	6	6	8
1.5527	40MnB4	6	7	8
1.5532	38MnB5	5	5	7
1.5662	X 8 Ni 9	840	945	1225
1.5708	12NiCr3	66	74	95
1.5715	16NiCrS4	100	112	145
1.5752	15NiCr13	310	349	452
1.5810	18 NiCr 5-4	135	152	196
1.5918	17 CrNi 6-6	157	176	228
1.6510	39 NiCrMo 3	99	112	145
1.6511	36 CrNiMo 4	121	136	176
1.6522	20 NiCrMo 2	70	79	102
1.6523	20 NiCrMo 2-2	70	79	103
1.6526	20NiCrMoS2-2	70	79	103
1.6527	20NiCrMo3	93	105	136
1.6541	23 MnNiCrMo 5 2	75	84	109
1.6562	40 NiCrMo 8-4	201	226	293
1.6563	41 NiCrMo 7-3-2	194	218	283
1.6566	17 NiCrMo 6-4	147	166	215
1.6580	30 CrNiMo 8	237	266	344
1.6582	34 CrNiMo 6	166	187	242
1.6587	18 CrNiMo 7-6	184	207	267
1.6657	14 NiCrMo 13-4	350	394	511
1.6758	23 MnNiMoCr 5-4	136	153	198
1.6782	16NiCrMo12-6	304	341	442
1.6959	35 NiCrMoV 12-5	335	377	489
1.7016	17Cr3	8	9	12
1.7033	34Cr4	10	11	14
1.7034	37Cr4	10	11	14
1.7035	41Cr4	10	11	14
1.7039	41CrS4	10	11	14
1.7043	38Cr4	10	11	14
1.7076	32CrB4	9	10	13
1.7077	36CrB4	10	11	14
1.7117	52SiCrNi5	65	74	95
1.7131	16 MnCr 5	10	12	15
1.7137	60 MnCrB 3	8	9	12
1.7139	16 MnCrS 5	10	12	15
1.7147	20 MnCr 5	12	13	17
1.7148	30MnCrB4-2	12	13	17
1.7149	20 MnCrS 5	12	13	17
1.7160	16 MnCrB 5	10	11	14
1.7168	18 MnCrB 5	11	12	16
1.7176	55Cr3	9	10	13

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1.7177	60Cr3	8	9	11
1.7182	27 MnCrB 5 2	7	8	10
1.7185	33 MnCrB 5 2	8	8	11
1.7213	25 CrMoS 4	24	27	34
1.7216	30 CrMo 4	23	26	33
1.7218	25CrMo4	24	27	35
1.7220	34 CrMo 4	24	27	35
1.7223	41 CrMo 4	24	27	35
1.7225	42CrMo4	24	27	35
1.7226	34 CrMoS 4	24	27	35
1.7227	42 CrMoS 4	24	27	35
1.7228	50 CrMo 4	24	27	35
1.7243	18 CrMo 4	22	25	32
1.7311	20CrMo2	29	33	42
1.7319	20 MoCrS 3	31	35	45
1.7321	20 MoCr 4	35	39	51
1.7323	20 MoCrS 4	35	39	51
1.7325	25 MoCr 4	35	40	51
1.7326	25 MoCrS 4	35	40	51
1.7335	13 CrMo 4-5	37	41	53
1.7337	16 CrMo 4-4	38	43	56
1.7362	X12CrMo5	69	77	99
1.7380	10 CrMo 9 10	81	91	118
1.7383	11 CrMo 9-10	81	91	118
1.7386	X 12 CrMo 9 1	127	143	183
1.7701	52CrMoV4	34	38	49
1.7765	32CrMoV12-10	106	120	154
1.8062	46SiCrMo6	22	25	33
1.8159	51CrV4	23	26	33
1.8161	58 CrV 4	21	23	30
1.8201	7CrWVMoNb9-6	45	51	65
1.8515	31 CrMo 12	47	53	68
1.8519	31 CrMoV 9	42	47	60
1.8550	34 CrAlNi 7-10	128	144	186
1.8871	P460QH	10	11	14
1.8901	S 460 N	69	78	101
1.8905	P 460 N	60	68	88
1.8907	StE 500	76	85	110
1.8915	P460NL1	59	66	86
1.8928	S690QL	147	166	215
92145		15	17	22
92216		12	13	17
92421		38	42	55
92520		147	166	215
92523		120	135	175
0078 A		52	59	76
1 E 1286		16	18	23
1.1301-1.1302 mod		14	15	20
107-38MnV5		13	15	19
108-C40Mn		7	8	10
113-35CrB5		10	11	14
123-35MnCrB5		9	10	13
15CrNi6		152	171	221
18NCD4 RENAULT (C9)		112	125	162
1DRB		14	16	21
1E 0509		21	24	31
1E 0621		4	4	5
1E 0669		4	4	5
1E 0686		5	5	7
1E 0769		5	6	8
1E 0778		25	28	36
1E 0951		17	19	25
1E 1054		30	34	43
1E 836\1E 1120		21	23	30
1E1058		25	28	37
1E1497		13	14	18
20NiCr6		136	153	198
21CrMoV5.11		99	111	144
22MnV6		33	37	47

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
23CrMoB3		28	32	41
23MCD5		38	42	55
23MnNiCrMo5.2		80	90	116
25CRNIMO2		90	101	131
28 CDV5.08		84	94	122
30 Cr Si Mo V 663		40	44	57
30CRMOV10F		75	85	109
30NiCrMoV7		200	226	292
33MNCRMOB5		17	19	24
35MNB5		9	10	13
37MNCRMOB5		15	16	21
39MNCRB6		9	10	13
41CrS4 Mod 27		15	17	22
42CrMo4 JMBK		31	35	45
42CrMo4 PBK		26	29	38
42CrMo4+Ni+V		69	77	100
43crnimo4.6		160	180	233
4M		16	18	23
47TS2		6	7	9
56NiCrMoV7		207	232	301
605M36		22	24	32
8630/vgs		118	133	172
86B45 H		60	67	87
86CrMoV7		33	37	48
92523 Crown Wheel		120	135	175
92523 Pinion		121	136	176
A 1041 F		5	6	8
A182 F1		38	43	56
A193 B16	ASTM	64	72	93
A320 L7		52	59	76
A694 F65		10	11	15
Aisi 4718		121	136	177
Aisi 4815		344	386	501
AISI 8720		74	83	107
AISI410		109	122	155
AMS 6418		204	230	298
B222-5		20	23	29
B222-6(4122 MOD)		18	20	26
B222-7		19	21	27
B222-8		47	53	68
B30		6	7	9
B46-1		149	168	217
B63-1		114	128	165
B63-2 (V2525-60)		97	109	141
B79		75	84	109
C50+MO		6	7	9
D60SiMn5/ A1		8	9	11
F11		38	43	55
F22		80	90	116
F22 MOD		115	130	168
Grade 50R		53	59	76
ITM 129		7	8	10
JDM 4320		186	210	272
MTS 238 / SAE 1141/I		6	6	8
P420 QH		74	83	107
PS30 SAE 4715		106	119	154
PS55		226	254	330
PS65		9	10	13
RES 10460		9	10	13
RES166380		19	21	27
S1060		218	245	318
SA 508 Gr. 3		98	110	143
SA 765 Gr. 4		23	26	34
SAE 1017 MOD		5	5	7
SAE 4320 JDM		194	218	282
SAE 8620		70	79	102
SAE 8627H		67	75	98
SAE 8822H		71	80	103
STE460		35	39	51

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
STE 690		122	137	178
STE 690V		108	121	157
STE500/GSA10		18	21	27
ste890		203	228	295
Steel 9313		322	362	469
TK23F		59	66	86
TK28A		52	59	76
TS45.02		3	3	4
UC1		3	3	4
V 2525-50		101	114	147
V2525-70		112	126	163
V2527-70		158	178	230
V2905-95		9	10	13
V2906		9	10	14
V2908-95		7	8	10
VSCH CRNI 2525 HL		98	110	142
VSCH-MNCR(S)-2158-U-HM		28	32	41
VSCH-MNCR(S)-2158-U-HH		29	33	43
VW 4227		11	12	16
VW 4521		187	210	272
VW1427		15	17	22
X19NiCrMo4		398	448	580
X30Cr13		85	96	121
ZF 1		157	176	228
ZF 1 A		184	206	267
ZF 49		13	15	19
ZF 50		3	3	4
ZF 6		13	15	19
ZF 63		10	11	15
ZF 64		9	11	13
ZF 7 B		12	13	17