

**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 Gennaio 2021- valid for January 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/c 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	5	6	8
38 Cr 2 KB	EN 10263-4	7	8	10
34 - 41Cr 4 KB	EN 10263-4	10	11	14
25 - 42 CrMo 4 KB	EN 10263-4	33	37	47
30 -40 NiCrMo 2 KB	EN 10263	97	109	142
38 NiCrMo 4 KB	EN 10263	119	134	174
34 CrNiMo 6 KB	EN 10263-4	195	219	283
40 NiCrMo 7 KB	EN 10263	222	250	324
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		6	7	9
41 Cr 4	EN 10083.1	10	11	15
36 CrMn 4	UNI 7847	11	12	16
51 CrV 4	EN 10083.1	21	24	31
25 - 42 CrMo 4	EN 10083.1	33	37	47
20-25 MoCr4		51	57	74
40 NiCrMo 2	EN 10083.1	87	97	126
36CrNiMo4	EN 10083.1	132	149	193
39 NiCrMo 3	EN 10083.1	119	134	174
40 NiCrMo 7	UNI 6926	225	253	328
30CrNiMo 8	EN 10083.1	275	310	401
30 NiCrMo 12		367	413	535
30 NiCrMoV 12	UNI 6787	380	427	553
36 NiCrMo 16	EN 10083.1	452	509	659
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	11	13	16
20 MnCr 5	EN 10084	13	14	18
SAE 94B17		50	56	72
18 CrMo 4	EN 10084	30	33	43
12 NiCr 3		74	84	108
16 - 20 CrNi 4	EN 10084	112	126	164
16 NiCr 11	EN 10084	291	328	425
16 - 20 NiCrMo 2	EN 10084	84	95	123
18 NiCrMo 5	EN 10084	171	192	249
17 CrNiMo 6	EN 10084	214	240	311
18 NiCrMo 7	EN 10084	232	261	338
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	60	67	87
31 CrMoV 9	EN 10085	46	52	67
34 - 41CrAlMo 7	EN 10085	48	54	70
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	10	11	14
36 CrMn 4	UNI 7847	11	13	16
41 CrMo 4	UNI 7847	29	33	42
40 NiCrMo 3	UNI 7847	122	138	178

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 alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	57	64	83
14 CrMo 3	EN 10216	62	70	90
18 CrMoSi 4	EN 10222	66	75	97
11 CrMo 9 10	EN 10222.2	115	129	167
16 CrMo 20 5	EN 10216.2	85	96	123
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	370	416	539
X 12 Ni 09	EN10222-4	949	1068	1384
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	11	13	16
100 CrMo 7	EN 683.17	37	42	54
100 CrMn 4	EN 683.17	10	11	15
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	11	12	16
60 SiCr 8	EN 10089	14	16	20
52 SiCrNi 5	EN 10089	77	87	112
45 SiCrMo 6	EN 10089	32	36	47
55 Cr 3	EN 10089	9	10	12
50 CrV 4	EN 10089	21	23	30
51 CrMoV 4	EN 10089	39	44	57
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	14	15	20
19 - 46 MnVS 6	EN 10267	14	16	21
38MnSiVS6		15	17	22
D25M6		16	18	23
48MnV3		10	12	15
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	3	3	4
1.0432	C21	5	6	8
1.0460	P250GH	3	3	4
1.0482	19Mn5	7	8	10
1.0503	C45	3	3	4
1.0511	C40	3	3	4
1.0528	C30	3	3	4
1.0535	C55	4	4	6
1.0540	C50	3	3	4
1.0553	S355J0	7	7	10
1.0565	P355NH	6	7	9
1.0566	P355NL1	5	6	7
1.0570	S355J2G3	5	6	8
1.0577	S355J2	6	7	9
1.0715	11SMn30	4	5	6
1.0721	10S20	4	5	6
1.0726	35S20	5	5	7
1.0764	36SMn14	6	7	8
1.1108	10Mn4	5	6	8
1.1127	38Mn6	7	8	10
1.1132	C15E2C	3	3	4
1.1140	C15R	3	3	4
1.1141	C15E	3	3	4
1.1160	22Mn6	7	8	10
1.1167	36Mn5	5	6	8
1.1181	C35E	3	4	5
1.1191	C45E/CK45	4	4	5
1.1197	25MnV5	10	11	14
1.1201	C45R	3	3	4
1.1206	C50E	3	3	4
1.1213	CF53	2	2	3
1.1219	C56E2	3	3	4
1.1231	C67S	4	5	6
1.1236	C66D2	2	3	4
1.1241	C50R	3	3	4
1.1301	19MnVS6	14	15	20
1.1302	30MnVS6	14	16	21
1.1303	38MnVS6	15	17	21
1.1304	46MnVD6	15	16	21
1.1305	46MnVS3	13	15	20

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	8	9	12
1.2067	102Cr6	11	13	16
1.2242	59CrV4	17	19	24
1.2826	60MnSiCr4	10	11	14
1.3505	100Cr6	11	13	16
1.3520	100CrMnSi6-4	26	30	38
1.3531	16CrNiMo6	204	229	297
1.3536	100CrMo7-3	41	47	60
1.3537	100CrMo7	33	37	47
1.3538	100CrMo7-4	59	66	85
1.3539	100CrMnMoSi8-4-6	71	80	103
1.4021	X 20 Cr 13	83	94	118
1.4901	X10CrWMoVNB9-2	642	661	935
1.4903	X10CrMoVNB9-1	185	208	268
1.5066	30Mn5	6	7	9
1.5120	38MnSi4	8	9	12
1.5216	17MnV6	16	18	24
1.5217	20MnV6	16	18	23
1.5223	42MnV7	14	15	20
1.5231	38MnSiVS5	15	17	22
1.5232	27MnSiVS6	15	17	22
1.5233	44MnSiVS6	15	17	22
1.5415	16Mo3	33	37	48
1.5423	16Mo5	56	63	82
1.5523	19MnB4	4	4	6
1.5526	30MNB4	6	7	9
1.5527	40MnB4	7	8	10
1.5532	38MnB5	5	6	7
1.5662	X 8 Ni 9	948	1067	1383
1.5708	12NiCr3	73	82	107
1.5715	16NiCrS4	112	126	164
1.5752	15NiCr13	350	394	510
1.5810	18 NiCr 5-4	151	170	220
1.5918	17 CrNi 6-6	175	197	255
1.6510	39 NiCrMo 3	116	131	169
1.6511	36 CrNiMo 4	141	159	205
1.6522	20 NiCrMo 2	83	94	121
1.6523	20 NiCrMo 2-2	84	95	123
1.6526	20NiCrMoS2-2	84	94	122
1.6527	20NiCrMo3	109	123	159
1.6541	23 MnNiCrMo 5 2	90	101	131
1.6562	40 NiCrMo 8-4	235	265	343
1.6563	41 NiCrMo 7-3-2	225	253	328
1.6566	17 NiCrMo 6-4	171	192	249
1.6580	30 CrNiMo 8	275	310	401
1.6582	34 CrNiMo 6	191	215	278
1.6587	18 CrNiMo 7-6	214	240	311
1.6657	14 NiCrMo 13-4	401	451	585
1.6758	23 MnNiMoCr 5-4	167	187	243
1.6782	16NiCrMo12-6	352	395	512
1.6959	35 NiCrMoV 12-5	388	437	566
1.7016	17Cr3	9	10	13
1.7033	34Cr4	10	11	15
1.7034	37Cr4	10	11	15
1.7035	41Cr4	10	11	15
1.7039	41CrS4	10	11	15
1.7043	38Cr4	10	11	15
1.7076	32CrB4	9	10	13
1.7077	36CrB4	10	11	14
1.7117	52SiCrNi5	77	87	112
1.7131	16 MnCr 5	11	13	16
1.7137	60 MnCrB 3	9	10	13
1.7139	16 MnCrS 5	11	13	16
1.7147	20 MnCr 5	13	14	18
1.7148	30MnCrB4-2	13	14	18
1.7149	20 MnCrS 5	13	14	18
1.7160	16 MnCrB 5	10	11	14
1.7168	18 MnCrB 5	12	13	17
1.7176	55Cr3	10	11	15

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
1.7177	60Cr3	8	9	11
1.7182	27 MnCrB 5 2	7	8	11
1.7185	33 MnCrB 5 2	8	9	11
1.7213	25 CrMoS 4	31	35	45
1.7216	30 CrMo 4	31	35	45
1.7218	25CrMo4	33	37	47
1.7220	34 CrMo 4	33	37	47
1.7223	41 CrMo 4	33	37	47
1.7225	42CrMo4	33	37	47
1.7226	34 CrMoS 4	33	37	47
1.7227	42 CrMoS 4	33	37	47
1.7228	50 CrMo 4	33	37	47
1.7243	18 CrMo 4	30	33	43
1.7311	20CrMo2	41	47	60
1.7319	20 MoCrS 3	43	48	62
1.7321	20 MoCr 4	51	57	74
1.7323	20 MoCrS 4	51	57	74
1.7325	25 MoCr 4	51	57	74
1.7326	25 MoCrS 4	51	57	74
1.7335	13 CrMo 4-5	52	59	76
1.7337	16 CrMo 4-4	54	60	78
1.7362	X12CrMo5	85	95	122
1.7380	10 CrMo 9 10	114	128	166
1.7383	11 CrMo 9-10	114	128	166
1.7386	X 12 CrMo 9 1	158	178	228
1.7701	52CrMoV4	39	44	57
1.7765	32CrMoV12-10	135	152	196
1.8062	46SiCrMo6	35	39	51
1.8159	51CrV4	21	24	31
1.8161	58 CrV 4	20	22	28
1.8201	7CrWVMoNb9-6	47	53	68
1.8515	31 CrMo 12	59	66	85
1.8519	31 CrMoV 9	46	52	67
1.8550	34 CrAlNi 7-10	147	166	214
1.8871	P460QH	11	12	16
1.8901	S 460 N	82	92	119
1.8905	P 460 N	70	79	103
1.8907	StE 500	87	98	127
1.8915	P460NL1	69	78	101
1.8928	S690QL	171	192	249
92145		16	18	23
92216		13	14	18
92421		53	60	78
92520		171	192	249
92523		138	155	201
0078 A		64	72	93
1 E 1286		16	18	23
1.1301-1.1302 mod		14	16	20
107-38MnV5		13	14	18
108-C40Mn		8	9	12
113-35CrB5		10	12	15
123-35MnCrB5		10	12	15
15CrNi6		170	191	248
18NCD4 RENAULT (C9)		126	141	183
1DRB		18	21	27
1E0042		4	5	6
1E 0509		30	33	43
1E 0621		5	6	8
1E 0669		5	5	7
1E 0686		6	7	9
1E 0769		7	8	10
1E 0778		34	39	50
1E 0951		23	26	34
1E0997		25	28	37
1E 1054		41	46	59
1E 836\1E 1120		29	32	42
1E1058		34	39	50
1E1286 - 1E1286B		16	18	23
1E1497		13	14	18

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
20MnCr5F		45	51	65
20NiCr6		153	172	222
21CrMoV5.11		130	146	189
22MnV6		35	39	50
23CrMoB3		39	44	57
23MCD5		44	50	64
23MnNiCrMo5.2		97	109	141
25CRNIMO2		110	124	161
28 CDV5.08		110	124	160
30 Cr Si Mo V 663		51	57	74
30CRMV10F		86	97	125
30NiCrMoV7		233	263	340
33MNCRMOB5		23	25	33
35MNB5		10	11	14
37MNCRMOB5		19	22	28
39MNCRB6		10	11	14
368.6		71	80	103
41CrS4 Mod 27		19	21	27
42CrMo4 JMBK		42	48	62
42CrMo4 PBK		35	39	50
42CrMo4+Ni+V		80	90	116
43crnimo4.6		185	208	270
4M		21	23	30
47TS2		7	8	11
50NICR13		350	394	510
56NiCrMoV7		242	272	353
605M36		31	35	46
8630/vgs		144	162	210
86B45 H		72	81	105
86CrMoV7		40	45	58
92523 Crown Wheel		138	155	201
92523 Pinion		138	156	202
A 1041 F		7	8	10
A182 F1		57	65	84
A193 B16	ASTM	78	88	114
A320 L7		64	72	94
A694 F65		10	12	15
Aisi 4718		146	164	212
Aisi 4815		394	443	574
AISI 8720		88	99	128
AISI410		107	121	153
AMS 6418		245	276	357
B222-5		27	31	40
B222-6(4122 MOD)		24	27	35
B222-7		25	28	36
B222-8		61	68	88
B30		8	9	11
B46-1		173	195	252
B63-1		127	143	185
B63-2 (V2525-60)		111	125	162
B79		93	104	135
C50+MO		9	10	13
D60SiMn5/ A1		12	13	17
F11		55	61	79
F22		112	126	163
F22 MOD		152	171	221
Grade 50R		67	75	97
ITM 129		9	10	12
JDM 4320		216	243	315
MTS 238 / SAE 1141/I		7	8	11
P420 QH		85	96	124
PS30 SAE 4715		131	147	190
PS55		273	307	398
PS65		10	11	15
RES 10460		11	12	16
RES166380		25	28	36
S1060		255	286	371
S460NL		59	67	86
SA 508 Gr. 3		124	139	180

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
SA 765 Gr. 4		26	29	38
SAE 1017 MOD		6	6	8
SAE 4320 JDM		225	253	328
SAE 4820		401	451	585
SAE 8620		84	95	123
SAE 8627H		80	90	117
SAE 8822H		88	99	129
STE460		37	42	55
STE 690		148	166	215
STE 690V		126	142	183
STE500/GSA10		18	20	26
ste890		236	265	343
Steel 9313		366	411	533
TK23F		67	75	97
TK28A		60	68	88
TS45.02		3	3	4
UC1		4	5	6
V 2525-50		117	132	171
V2525-70		125	141	183
V2527-70		178	201	260
V2905-95		9	10	13
V2906		9	11	14
V2908-95		9	10	13
VSCH CRNI 2525 HL		111	125	161
VSCH-MNCR(S)-2158-U-HM		30	34	44
VSCH-MNCR(S)-2158-U-HH		32	37	47
VW 4227		11	12	16
VW 4521		218	245	317
VW1427		16	18	23
X19NiCrMo4		453	510	660
X30Cr13		80	91	114
ZF 1		175	197	255
ZF 1 A		214	241	311
ZF 49		11	13	17
ZF 50		4	4	5
ZF 6		16	18	23
ZF 63		11	12	16
ZF 64		10	11	14
ZF 7 B		13	14	18