

**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 Novembre 2021- valid for November 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
<b>Acciai per bulloneria / Bolts and nuts steels</b>				
38 Cr 1 KB	EN 10263	33	37	42
38 Cr 2 KB	EN 10263-4	43	48	53
34 - 41Cr 4 KB	EN 10263-4	62	69	77
25 - 42 CrMo 4 KB	EN 10263-4	137	155	172
30 -40 NiCrMo 2 KB	EN 10263	204	230	255
38 NiCrMo 4 KB	EN 10263	241	271	301
34 CrNiMo 6 KB	EN 10263-4	364	410	455
40 NiCrMo 7 KB	EN 10263	381	428	476
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		35	39	43
41 Cr 4	EN 10083.1	63	71	79
36 CrMn 4	UNI 7847	67	75	84
51 CrV 4	EN 10083.1	91	103	114
25 - 42 CrMo 4	EN 10083.1	137	155	172
20-25 MoCr4		188	212	235
40 NiCrMo 2	EN 10083.1	190	214	238
36CrNiMo4	EN 10083.1	256	288	320
39 NiCrMo 3	EN 10083.1	239	269	299
40 NiCrMo 7	UNI 6926	383	431	479
30CrNiMo 8	EN 10083.1	514	578	642
30 NiCrMo 12		615	692	768
30 NiCrMoV 12	UNI 6787	640	720	800
36 NiCrMo 16	EN 10083.1	726	817	907
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	67	75	83
20 MnCr 5	EN 10084	77	87	97
SAE 94B17		121	136	151
18 CrMo 4	EN 10084	128	144	160
12 NiCr 3		128	144	160
16 - 20 CrNi 4	EN 10084	192	216	240
16 NiCr 11	EN 10084	418	470	523
16 - 20 NiCrMo 2	EN 10084	183	206	229
18 NiCrMo 5	EN 10084	309	347	386
17 CrNiMo 6	EN 10084	413	465	516
18 NiCrMo 7	EN 10084	415	467	519
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	263	295	328
31 CrMoV 9	EN 10085	200	225	250
34 - 41CrAlMo 7	EN 10085	203	228	254
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	62	69	77
36 CrMn 4	UNI 7847	69	78	86
41 CrMo 4	UNI 7847	124	140	155
40 NiCrMo 3	UNI 7847	240	270	300

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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	199	224	248
14 CrMo 3	EN 10216	231	260	289
18 CrMoSi 4	EN 10222	265	298	331
11 CrMo 9 10	EN 10222.2	433	487	541
16 CrMo 20 5	EN 10216.2	383	431	479
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	488	549	610
X 12 Ni 09	EN10222-4	1245	1400	1556
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	73	83	92
100 CrMo 7	EN 683.17	165	186	206
100 CrMn 4	EN 683.17	58	65	72
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	85	96	106
60 SiCr 8	EN 10089	106	120	133
52 SiCrNi 5	EN 10089	184	207	230
45 SiCrMo 6	EN 10089	160	180	200
55 Cr 3	EN 10089	52	58	65
50 CrV 4	EN 10089	90	101	113
51 CrMoV 4	EN 10089	153	172	192
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	57	64	71
19 - 46 MnVS 6	EN 10267	61	69	76
38MnSiVS6		68	76	85
D25M6		64	72	80
48MnV3		40	45	50
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	18	20	22
1.0432	C21	29	33	36
1.0460	P250GH	12	13	14
1.0482	19Mn5	41	46	51
1.0503	C45	12	13	14
1.0511	C40	12	13	14
1.0528	C30	12	13	14
1.0535	C55	22	25	28
1.0540	C50	13	15	17
1.0553	S355J0	34	38	42
1.0565	P355NH	35	39	44
1.0566	P355NL1	23	26	28
1.0570	S355J2G3	24	27	30
1.0577	S355J2	32	36	40
1.0715	11SMn30	21	23	26
1.0721	10S20	24	27	30
1.0726	35S20	19	21	24
1.0764	36SMn14	27	30	33
1.1108	10Mn4	29	32	36
1.1121	C10E	19	22	24
1.1127	38Mn6	37	42	47
1.1132	C15E2C	19	22	24
1.1140	C15R	18	21	23
1.1141	C15E	17	19	21
1.1160	22Mn6	39	44	49
1.1167	36Mn5	24	27	30
1.1181	C35E	20	23	25
1.1191	C45E/CK45	21	24	27
1.1197	25MnV5	42	47	53
1.1201	C45R	12	13	14
1.1206	C50E	13	15	17
1.1213	CF53	10	11	12
1.1219	C56E2	13	15	17
1.1221	C60E	24	27	30
1.1231	C67S	24	27	30
1.1236	C66D2	15	17	19
1.1241	C50R	13	15	17
1.1301	19MnVS6	57	64	71
1.1302	30MnVS6	61	69	76
1.1303	38MnVS6	62	70	78

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.1304	46MnVD6	61	69	77
1.1305	46MnVS3	53	60	67
1.2007	70Cr2	49	55	61
1.2067	102Cr6	73	83	92
1.2242	59CrV4	81	91	101
1.2826	60MnSiCr4	66	74	83
1.3505	100Cr6	73	83	92
1.3520	100CrMnSi6-4	116	130	145
1.3531	16CrNiMo6	380	428	475
1.3536	100CrMo7-3	182	204	227
1.3537	100CrMo7	151	170	189
1.3538	100CrMo7-4	239	269	298
1.3539	100CrMnMoSi8-4-6	288	324	360
1.4021	X 20 Cr 13	524	590	655
1.4901	X10CrWMoVNB9-2	1180	1249	1475
1.4903	X10CrMoVNB9-1	709	798	887
1.5066	30Mn5	34	39	43
1.5120	38MnSi4	56	63	70
1.5216	17MnV6	61	69	77
1.5217	20MnV6	60	68	75
1.5223	42MnV7	55	62	69
1.5231	38MnSiVS5	68	76	85
1.5232	27MnSiVS6	68	77	86
1.5233	44MnSiVS6	68	77	86
1.5243	42MnSiV3 - 3	82	92	102
1.5415	16Mo3	117	132	147
1.5423	16Mo5	188	212	236
1.5523	19MnB4	17	20	22
1.5526	30MNB4	30	34	38
1.5527	40MnB4	40	46	51
1.5532	38MnB5	23	26	29
1.5662	X 8 Ni 9	1241	1396	1551
1.5708	12NiCr3	118	133	147
1.5715	16NiCrS4	192	216	240
1.5752	15NiCr13	497	559	621
1.5810	18 NiCr 5-4	238	268	297
1.5918	17 CrNi 6-6	283	319	354
1.6510	39 NiCrMo 3	223	250	278
1.6511	36 CrNiMo 4	267	301	334
1.6522	20 NiCrMo 2	172	193	215
1.6523	20 NiCrMo 2-2	182	205	227
1.6526	20NiCrMoS2-2	175	197	218
1.6527	20NiCrMo3	206	232	258
1.6541	23 MnNiCrMo 5 2	197	221	246
1.6562	40 NiCrMo 8-4	419	471	524
1.6563	41 NiCrMo 7-3-2	383	431	479
1.6566	17 NiCrMo 6-4	309	347	386
1.6580	30 CrNiMo 8	514	578	642
1.6582	34 CrNiMo 6	346	389	433
1.6587	18 CrNiMo 7-6	413	465	516
1.6657	14 NiCrMo 13-4	614	691	768
1.6758	23 MnNiMoCr 5-4	355	399	444
1.6782	16NiCrMo12-6	590	664	737
1.6959	35 NiCrMoV 12-5	676	761	845
1.7016	17Cr3	56	63	70
1.7033	34Cr4	63	71	79
1.7034	37Cr4	63	71	79
1.7035	41Cr4	63	71	79
1.7039	41CrS4	63	71	79
1.7043	38Cr4	63	71	79
1.7076	32CrB4	53	60	66
1.7077	36CrB4	57	64	71
1.7117	52SiCrNi5	184	207	230
1.7131	16 MnCr 5	68	76	85
1.7137	60 MnCrB 3	55	62	69
1.7139	16 MnCrS 5	68	76	85
1.7147	20 MnCr 5	77	87	97
1.7148	30MnCrB4-2	77	87	97
1.7149	20 MnCrS 5	77	87	97

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1.7160	16 MnCrB 5	57	64	71
1.7168	18 MnCrB 5	71	79	88
1.7176	55Cr3	64	72	80
1.7177	60Cr3	44	49	54
1.7182	27 MnCrB 5 2	39	44	49
1.7185	33 MnCrB 5 2	41	46	51
1.7213	25 CrMoS 4	126	141	157
1.7216	30 CrMo 4	128	144	160
1.7218	25CrMo4	137	155	172
1.7220	34 CrMo 4	137	155	172
1.7223	41 CrMo 4	137	155	172
1.7225	42CrMo4	137	155	172
1.7226	34 CrMoS 4	137	155	172
1.7227	42 CrMoS 4	137	155	172
1.7228	50 CrMo 4	137	155	172
1.7243	18 CrMo 4	128	144	160
1.7311	20CrMo2	158	178	198
1.7319	20 MoCrS 3	167	188	209
1.7321	20 MoCr 4	185	209	232
1.7323	20 MoCrS 4	185	209	232
1.7325	25 MoCr 4	188	212	235
1.7326	25 MoCrS 4	188	212	235
1.7335	13 CrMo 4-5	197	222	246
1.7337	16 CrMo 4-4	206	232	258
1.7362	X12CrMo5	375	421	468
1.7380	10 CrMo 9 10	427	480	534
1.7383	11 CrMo 9-10	428	481	535
1.7386	X 12 CrMo 9 1	716	805	895
1.7701	52CrMoV4	153	172	192
1.7765	32CrMoV12-10	493	555	617
1.8062	46SiCrMo6	169	190	211
1.8159	51CrV4	91	103	114
1.8161	58 CrV 4	88	99	110
1.8201	7CrWVMoNb9-6	185	208	231
1.8515	31 CrMo 12	254	286	318
1.8519	31 CrMoV 9	200	225	250
1.8550	34 CrAlNi 7-10	289	325	361
1.8871	P460QH	46	52	58
1.8901	S 460 N	204	230	256
1.8905	P 460 N	135	152	169
1.8907	StE 500	162	183	203
1.8915	P460NL1	146	164	183
1.8928	S690QL	309	347	386
92145		64	72	80
92216		77	87	96
92421		202	228	253
92520		309	347	386
92523		259	291	324
0078 A		187	211	234
1 E 1286		79	89	99
1.1301-1.1302 mod		54	61	68
107-38MnV5		46	52	58
108-C40Mn		46	52	58
113-35CrB5		63	71	79
123-35MnCrB5		60	67	75
15CrNi6		285	321	356
18NCD4 RENAULT (C9)		212	239	265
18M		66	74	83
1DRB		89	100	111
1E0042		24	27	30
1E 0509		126	142	158
1E 0621		30	34	37
1E 0669		27	31	34
1E 0686		33	37	41
1E 0769		36	40	45
1E 0778		137	154	171
1E 0951		99	111	123
1E0997		105	118	131
1E 1054		160	179	199

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 836\1E 1120		112	126	140
1E1058		141	158	176
1E1286 - 1E1286B		80	90	100
1E1497		51	58	64
16NiCrMo12		583	656	729
20MNCr5F		133	149	166
20NiCr6		251	282	314
21CrMoV5.11		443	499	554
22MnV6		91	103	114
23CrMoB3		156	176	196
23MCD5		140	157	175
23MnNiCrMo5.2		215	242	269
25CRNIMO2		261	293	326
28 CDV5.08		397	446	496
30 Cr Si Mo V 663		241	271	301
30CRM0V10F		288	324	360
30NiCrMoV7		420	473	525
33MNCrMOB5		98	110	123
35MNB5		56	63	70
37MNCrMOB5		86	97	108
39MNCrB6		56	63	70
368.6		153	172	191
41CrS4 Mod 27		95	107	119
42CrMo4 JMBK		170	191	212
42CrMo4 PBK		145	163	181
42CrMo4+Ni+V		206	231	257
4330V		466	525	583
43crnimo4.6		338	380	422
4M		94	106	118
47TS2		43	48	54
50NICR13		497	559	621
56NiCrMoV7		468	527	585
605M36		117	132	147
8630/vgs		330	371	412
86B45 H		171	193	214
86CrMoV7		169	190	211
92523 Crown Wheel		259	291	324
92523 Pinion		256	288	320
A 1041 F		37	42	46
A182 F1		198	223	248
A182 F22 MOD.		425	478	531
A193 B16	ASTM	269	303	336
A193 B7		137	155	172
A320 L7		184	207	229
A694 F65		43	49	54
AISI 4140 MOD.80/110KSI		147	165	184
AISI 4145 MOD. 125KSI		197	221	246
Aisi 4130 MOD. R		178	201	223
Aisi 4718		290	326	362
Aisi 4815		582	655	728
Aisi 8630 MOD		313	352	391
AISI 8720		190	214	238
AISI410		518	583	648
AMS 6418		476	535	595
B222-5		115	130	144
B222-6(4122 MOD)		103	115	128
B222-7		106	119	132
B222-8		190	214	238
B30		43	48	54
B46-1		316	355	395
B63-1		213	240	267
B63-2 (V2525-60)		216	243	271
B79		223	251	278
C50+MO		33	37	41
D60SiMn5/ A1		82	92	102
F11		215	242	269
F22		412	464	516
F22 MOD		479	539	599
Grade 50R		202	227	253

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
HMS 60		348	391	434
ITM 129		49	55	61
JDM 4320		362	407	452
MTS 238 / SAE 1141/I		40	45	50
P420 QH		165	185	206
PS30 SAE 4715		316	355	395
PS55		537	604	671
PS65		60	68	75
RES 10460		56	63	70
RES166380		105	118	131
S1060		470	529	588
S460NL		101	114	126
SA 508 Gr. 3		285	321	357
SA 765 Gr. 4		67	76	84
SAE 1017 MOD		34	38	42
SAE 4130 MOD		189	213	237
SAE 4320 JDM		374	420	467
SAE 4820		587	660	734
SAE 8620		183	206	229
SAE 8627H		177	199	221
SAE 8822H		218	245	273
STE460		100	112	125
STE 690		320	359	399
STE 690V		268	301	335
STE500/GSA10		66	75	83
ste890		422	475	528
Steel 9313		560	630	700
TK23F		127	143	158
TK28A		128	144	160
TS45.02		13	15	17
UC1		24	27	30
V 2525-50		236	265	295
V2525-70		209	235	261
V2527-70		306	345	383
V2905-95		34	38	42
V2906		38	43	48
V2908-95		56	63	70
VSCH CRNI 2525 HL		203	229	254
VSCH-CRNI(S)-2525-U/HH+		201	226	251
VSCH-MNCR(S)-2158-U-HM		89	100	112
VSCH-MNCR(S)-2158-U-HH		109	122	136
VW 4227		62	70	78
VW 4521		379	426	473
VW1427		64	72	80
X19NiCrMo4		674	758	842
X30Cr13		517	581	646
ZF 1		283	319	354
ZF 1 A		413	464	516
ZF 49		35	39	44
ZF 50		22	25	27
ZF 6		82	92	102
ZF 63		68	77	85
ZF 64		64	72	79
ZF 7 B		77	87	96