

**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 Marzo 2022- valid for March 2022 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	28	31	35
38 Cr 2 KB	EN 10263-4	36	40	45
34 - 41Cr 4 KB	EN 10263-4	53	59	66
25 - 42 CrMo 4 KB	EN 10263-4	132	148	164
30 -40 NiCrMo 2 KB	EN 10263	234	264	293
38 NiCrMo 4 KB	EN 10263	281	316	351
34 CrNiMo 6 KB	EN 10263-4	436	490	545
40 NiCrMo 7 KB	EN 10263	471	530	589
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		28	32	35
41 Cr 4	EN 10083.1	54	61	68
36 CrMn 4	UNI 7847	57	64	71
51 CrV 4	EN 10083.1	97	109	121
25 - 42 CrMo 4	EN 10083.1	132	148	164
20-25 MoCr4		188	212	235
40 NiCrMo 2	EN 10083.1	215	242	269
36CrNiMo4	EN 10083.1	303	340	378
39 NiCrMo 3	EN 10083.1	279	314	349
40 NiCrMo 7	UNI 6926	475	534	594
30CrNiMo 8	EN 10083.1	616	693	770
30 NiCrMo 12		769	865	962
30 NiCrMoV 12	UNI 6787	808	909	1010
36 NiCrMo 16	EN 10083.1	921	1036	1152
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	56	64	71
20 MnCr 5	EN 10084	66	74	82
SAE 94B17		131	147	164
18 CrMo 4	EN 10084	121	137	152
12 NiCr 3		156	176	196
16 - 20 CrNi 4	EN 10084	234	264	293
16 NiCr 11	EN 10084	553	622	691
16 - 20 NiCrMo 2	EN 10084	208	234	260
18 NiCrMo 5	EN 10084	374	420	467
17 CrNiMo 6	EN 10084	489	550	611
18 NiCrMo 7	EN 10084	506	570	633
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	251	282	313
31 CrMoV 9	EN 10085	200	225	251
34 - 41CrAlMo 7	EN 10085	196	220	245
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	53	59	66
36 CrMn 4	UNI 7847	59	66	73
41 CrMo 4	UNI 7847	118	133	148
40 NiCrMo 3	UNI 7847	282	317	353

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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	203	228	253
14 CrMo 3	EN 10216	231	260	289
18 CrMoSi 4	EN 10222	261	293	326
11 CrMo 9 10	EN 10222.2	433	487	541
16 CrMo 20 5	EN 10216.2	365	410	456
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	669	753	837
X 12 Ni 09	EN10222-4	1714	1928	2143
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	64	72	79
100 CrMo 7	EN 683.17	158	177	197
100 CrMn 4	EN 683.17	49	55	61
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	73	82	91
60 SiCr 8	EN 10089	91	103	114
52 SiCrNi 5	EN 10089	201	226	251
45 SiCrMo 6	EN 10089	150	168	187
55 Cr 3	EN 10089	44	49	55
50 CrV 4	EN 10089	94	106	118
51 CrMoV 4	EN 10089	159	179	199
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	58	66	73
19 - 46 MnVS 6	EN 10267	62	70	77
38MnSiVS6		68	77	85
D25M6		66	74	82
48MnV3		44	49	55
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	7	8	9
1.0432	C21	15	17	18
1.0460	P250GH	9	10	11
1.0482	19Mn5	34	38	42
1.0503	C45	9	10	11
1.0511	C40	9	10	11
1.0528	C30	9	10	11
1.0535	C55	10	12	13
1.0540	C50	10	12	13
1.0553	S355J0	27	30	34
1.0565	P355NH	18	20	22
1.0566	P355NL1	18	20	22
1.0570	S355J2G3	19	21	23
1.0577	S355J2	26	29	32
1.0715	11SMn30	16	18	20
1.0721	10S20	20	22	25
1.0726	35S20	17	19	21
1.0764	36SMn14	21	23	26
1.1108	10Mn4	23	26	29
1.1121	C10E	16	18	20
1.1127	38Mn6	30	34	38
1.1132	C15E2C	16	18	20
1.1140	C15R	15	17	19
1.1141	C15E	15	17	19
1.1160	22Mn6	32	36	40
1.1167	36Mn5	19	21	23
1.1181	C35E	17	19	21
1.1191	C45E/CK45	18	20	22
1.1197	25MnV5	41	46	51
1.1201	C45R	9	10	11
1.1206	C50E	10	12	13
1.1213	CF53	8	9	10
1.1219	C56E2	10	12	13
1.1221	C60E	19	22	24
1.1231	C67S	19	22	24
1.1236	C66D2	13	14	16
1.1241	C50R	10	12	13
1.1301	19MnVS6	58	66	73
1.1302	30MnVS6	62	70	77
1.1303	38MnVS6	64	72	80

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1.1304	46MnVD6	63	71	79
1.1305	46MnVS3	59	67	74
1.2007	70Cr2	41	47	52
1.2067	102Cr6	64	72	79
1.2242	59CrV4	79	89	99
1.2826	60MnSiCr4	56	63	70
1.3505	100Cr6	64	72	79
1.3520	100CrMnSi6-4	106	120	133
1.3531	16CrNiMo6	456	513	570
1.3536	100CrMo7-3	173	194	216
1.3537	100CrMo7	143	160	178
1.3538	100CrMo7-4	232	261	290
1.3539	100CrMnMoSi8-4-6	281	316	351
1.4021	X 20 Cr 13	463	520	578
1.4901	X10CrWMoVNB9-2	1239	1306	1548
1.4903	X10CrMoVNB9-1	698	785	872
1.5066	30Mn5	28	31	35
1.5120	38MnSi4	47	53	58
1.5216	17MnV6	66	75	83
1.5217	20MnV6	65	73	81
1.5223	42MnV7	56	63	70
1.5231	38MnSiVS5	68	77	85
1.5232	27MnSiVS6	70	78	87
1.5233	44MnSiVS6	70	78	87
1.5243	42MnSiV3 – 3	70	79	87
1.5415	16Mo3	118	133	148
1.5423	16Mo5	194	218	242
1.5523	19MnB4	14	15	17
1.5526	30MNB4	25	28	31
1.5527	40MnB4	34	38	42
1.5532	38MnB5	18	20	23
1.5662	X 8 Ni 9	1711	1925	2139
1.5708	12NiCr3	148	166	184
1.5715	16NiCrS4	234	264	293
1.5752	15NiCr13	660	742	825
1.5810	18 NiCr 5-4	301	338	376
1.5918	17 CrNi 6-6	355	399	443
1.6510	39 NiCrMo 3	264	297	330
1.6511	36 CrNiMo 4	318	358	398
1.6522	20 NiCrMo 2	198	223	248
1.6523	20 NiCrMo 2-2	207	233	259
1.6526	20NiCrMoS2-2	201	226	251
1.6527	20NiCrMo3	246	276	307
1.6541	23 MnNiCrMo 5 2	222	250	278
1.6562	40 NiCrMo 8-4	511	575	639
1.6563	41 NiCrMo 7-3-2	475	534	594
1.6566	17 NiCrMo 6-4	374	420	467
1.6580	30 CrNiMo 8	616	693	770
1.6582	34 CrNiMo 6	418	471	523
1.6587	18 CrNiMo 7-6	489	550	611
1.6657	14 NiCrMo 13-4	794	893	992
1.6758	23 MnNiMoCr 5-4	408	459	510
1.6782	16NiCrMo12-6	738	830	922
1.6959	35 NiCrMoV 12-5	844	949	1055
1.7016	17Cr3	48	54	59
1.7033	34Cr4	54	61	68
1.7034	37Cr4	54	61	68
1.7035	41Cr4	54	61	68
1.7039	41CrS4	54	61	68
1.7043	38Cr4	54	61	68
1.7076	32CrB4	45	51	57
1.7077	36CrB4	48	54	60
1.7117	52SiCrNi5	201	226	251
1.7131	16 MnCr 5	57	65	72
1.7137	60 MnCrB 3	47	53	59
1.7139	16 MnCrS 5	57	65	72
1.7147	20 MnCr 5	66	74	82
1.7148	30MnCrB4-2	66	74	82
1.7149	20 MnCrS 5	66	74	82

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1.7160	16 MnCrB 5	48	53	59
1.7168	18 MnCrB 5	60	67	75
1.7176	55Cr3	54	61	68
1.7177	60Cr3	37	41	46
1.7182	27 MnCrB 5 2	32	36	40
1.7185	33 MnCrB 5 2	34	38	42
1.7213	25 CrMoS 4	121	136	151
1.7216	30 CrMo 4	123	139	154
1.7218	25CrMo4	132	148	164
1.7220	34 CrMo 4	132	148	164
1.7223	41 CrMo 4	132	148	164
1.7225	42CrMo4	132	148	164
1.7226	34 CrMoS 4	132	148	164
1.7227	42 CrMoS 4	132	148	164
1.7228	50 CrMo 4	132	148	164
1.7243	18 CrMo 4	121	137	152
1.7311	20CrMo2	156	176	195
1.7319	20 MoCrS 3	163	183	204
1.7321	20 MoCr 4	186	209	232
1.7323	20 MoCrS 4	186	209	232
1.7325	25 MoCr 4	188	212	235
1.7326	25 MoCrS 4	188	212	235
1.7335	13 CrMo 4-5	196	221	245
1.7337	16 CrMo 4-4	204	230	255
1.7362	X12CrMo5	357	402	446
1.7380	10 CrMo 9 10	427	481	534
1.7383	11 CrMo 9-10	428	482	535
1.7386	X 12 CrMo 9 1	680	765	850
1.7701	52CrMoV4	159	179	199
1.7765	32CrMoV12-10	516	580	645
1.8062	46SiCrMo6	159	179	199
1.8159	51CrV4	97	109	121
1.8161	58 CrV 4	91	102	114
1.8201	7CrWVMoNb9-6	196	221	245
1.8515	31 CrMo 12	243	274	304
1.8519	31 CrMoV 9	200	225	251
1.8550	34 CrAlNi 7-10	340	382	424
1.8871	P460QH	44	49	55
1.8901	S 460 N	233	262	292
1.8905	P 460 N	157	177	196
1.8907	StE 500	191	215	239
1.8915	P460NL1	164	184	205
1.8928	S690QL	374	420	467
92145		68	76	85
92216		65	74	82
92421		200	225	250
92520		374	420	467
92523		308	346	385
0078 A		198	223	247
1 E 1286		75	85	94
1.1301-1.1302 mod		57	64	71
107-38MnV5		52	58	65
108-C40Mn		38	43	48
113-35CrB5		54	61	67
123-35MnCrB5		50	56	63
15CrNi6		353	397	441
18NCD4 RENAULT (C9)		261	293	326
18M		69	77	86
1DRB		80	90	100
1E0028		22	25	28
1E0359		17	19	21
1E0042		19	22	24
1E0361A/B/C/D		19	21	23
1E0447		53	59	66
1E0490		148	167	186
1E0509		120	135	150
1E0621		24	27	30
1E0669		22	25	28
1E0670		26	30	33

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E0686		27	30	33
1E0769		29	32	36
1E0778		132	149	166
1E0873		94	105	117
1E0951		93	104	116
1E0996		30	34	37
1E0997		99	112	124
1E1013		71	80	89
1E1054		156	175	194
1E1058		136	154	171
1E1120		94	105	117
1E1201		41	46	51
1E1239A		46	52	57
1E1239C		42	47	52
1E1239D		40	45	50
1E1239F		29	33	36
1E1239G		26	29	33
1E1239L		128	144	160
1E1239O		68	77	85
1E1286 - 1E1286B		75	85	94
1E1287		29	33	37
1E1482		32	36	40
1E1497		53	60	66
1E1632		41	46	51
1E1671		101	114	126
1E1848		120	135	150
1E1887		22	25	28
1E1901		65	73	81
1E1962		65	73	81
1E2757		428	481	535
1E2757 > 230		705	793	881
1E4146		177	199	221
1E4283		19	21	23
1E4336		428	481	535
1E4808		43	49	54
S355+V		37	42	46
1E1727		188	211	235
1E1371		244	274	305
1E1158		18	21	23
1E4787		475	535	594
16NiCrMo12		737	829	921
20MNCr5F		135	151	168
20NiCr6		312	351	390
21CrMoV5.11		475	534	593
22MnV6		104	116	129
23CrMoB3		152	171	190
23MCD5		139	157	174
23MnNiCrMo5.2		241	271	301
25CRNiMO2		290	326	362
28 CDV5.08		416	468	520
30 Cr Si Mo V 663		234	263	292
30CRMov10F		309	347	386
30NiCrMoV7		515	580	644
33MB		26	29	33
33MNCrMOB5		91	103	114
35MB4-2		31	35	39
35MNB5		47	53	58
37MNCrMOB5		79	89	99
39MNCrB6		46	52	58
368.6		172	194	215
40-45CrMo4+Ni		217	244	271
4130M		160	180	200
41CrS4 Mod 27		86	97	108
42CrMo4 JMBK		165	186	206
42CRMO4 MOD.		236	265	295
42CrMo4 PBK		139	157	174
42CrMo4+Ni+V		229	257	286
4330		567	638	709
4330V		710	798	887

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
43crnimo4.6		408	459	510
4M		88	99	110
47TS2		36	40	45
50NICR13		660	742	825
56NiCrMoV7		563	633	704
605M36		114	128	142
8630/vgs		371	417	463
86B45 H		189	213	236
86CrMoV7		168	188	209
92523 Crown Wheel		308	346	385
92523 Pinion		306	344	382
9310 H		706	795	883
A 1041 F		30	34	37
A182 F1		202	228	253
A182 F22 MOD.		425	479	532
A193 B16	ASTM	294	330	367
A193 B7		132	148	164
A320 L7		192	216	240
A694 F65		44	49	55
AISI 4140 MOD.80/110KSI		141	158	176
AISI 4145 MOD. 125KSI		191	215	239
Aisi 4130 MOD. R		188	212	235
Aisi 4718		340	382	425
Aisi 4815		767	863	959
Aisi 8630 MOD		357	401	446
AISI 8720		216	243	270
AISI410		476	535	595
AMS 6418		563	633	704
B222-5		109	122	136
B222-6(4122 MOD)		97	109	121
B222-7		99	112	124
B222-8		195	220	244
B30		35	40	44
B46-1		381	429	476
B63-1		262	295	328
B63-2 (V2525-60)		253	284	316
B79		246	277	308
C50+MO		31	34	38
D60SiMn5/ A1		70	79	87
F11		212	239	266
F22		415	467	518
F22 MOD		498	560	622
Grade 50R		210	236	262
HMS 60		373	420	466
ITM 129		40	45	50
JDM 4320		452	508	564
MTS 238 / SAE 1141/I		32	36	40
P420 QH		194	218	242
PS30 SAE 4715		358	403	795
PS55		636	715	
PS65		51	57	63
RES 10460		45	50	56
RES166380		99	111	123
S1060		566	636	707
S460NL		121	136	151
SA 508 Gr. 3		320	360	400
SA 765 Gr. 4		72	81	90
SAE 1017 MOD		28	32	35
SAE 4130 MOD		207	233	258
SAE 4320 JDM		468	527	586
SAE 4820		773	870	967
SAE 8620		208	234	260
SAE 8627H		200	225	250
SAE 8822H		239	269	299
STE460		115	129	143
STE 690		371	417	463
STE 690V		308	347	385

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STE500/GSA10		74	83	92
ste890		513	577	641
Steel 9313		722	812	902
TK23F		147	165	184
TK28A		143	161	179
TS45.02		10	12	13
UC1		19	22	24
V 2525-50		273	308	342
V2525-70		258	290	322
V2527-70		376	423	471
V2905-95		37	42	47
V2906		41	46	51
V2908-95		46	52	58
VSCH CRNI 2525 HL		242	272	303
VSCH-CRNI(S)-2525-U/HH+		251	282	313
VSCH-MNCR(S)-2158-U-HM		89	100	111
VSCH-MNCR(S)-2158-U-HH		105	118	131
VW 4227		52	59	65
VW 4521		467	525	583
VW1427		68	76	85
X19NiCrMo4		881	991	1101
X30Cr13		451	507	564
ZF 1		355	399	443
ZF 1 A		489	550	611
ZF 49		43	49	54
ZF 50		18	20	22
ZF 6		73	82	91
ZF 63		58	65	73
ZF 64		54	61	68
ZF 7 B		65	74	82