

**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 Maggio 2022- valid for May 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	r/s billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	41	45	51
38 Cr 2 KB	EN 10263-4	54	59	67
34 - 41Cr 4 KB	EN 10263-4	83	90	102
25 - 42 CrMo 4 KB	EN 10263-4	163	178	200
30 -40 NiCrMo 2 KB	EN 10263	303	330	372
38 NiCrMo 4 KB	EN 10263	371	405	456
34 CrNiMo 6 KB	EN 10263-4	589	643	723
40 NiCrMo 7 KB	EN 10263	632	690	776
Acciai da bonifica / Hardening and tempering steels				
QS1105200		39	42	47
41 Cr 4	EN 10083.1	85	93	104
36 CrMn 4	UNI 7847	89	97	109
51 CrV 4	EN 10083.1	160	174	196
25 - 42 CrMo 4	EN 10083.1	163	178	200
20-25 MoCr4		208	227	256
40 NiCrMo 2	EN 10083.1	276	301	339
36CrNiMo4	EN 10083.1	408	445	501
39 NiCrMo 3	EN 10083.1	368	402	452
40 NiCrMo 7	UNI 6926	638	695	782
30CrNiMo 8	EN 10083.1	827	902	1014
30 NiCrMo 12		1016	1108	1247
30 NiCrMoV 12	UNI 6787	1082	1180	1327
36 NiCrMo 16	EN 10083.1	1257	1371	1543
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	87	95	107
20 MnCr 5	EN 10084	102	111	125
SAE 94B17		172	188	211
18 CrMo 4	EN 10084	153	167	188
12 NiCr 3		223	243	274
16 - 20 CrNi 4	EN 10084	335	365	411
16 NiCr 11	EN 10084	778	849	955
16 - 20 NiCrMo 2	EN 10084	269	293	330
18 NiCrMo 5	EN 10084	504	550	619
17 CrNiMo 6	EN 10084	657	717	806
18 NiCrMo 7	EN 10084	670	731	822
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	325	355	399
31 CrMoV 9	EN 10085	289	316	355
34 - 41CrAlMo 7	EN 10085	243	265	298
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	82	90	101
36 CrMn 4	UNI 7847	92	100	112
41 CrMo 4	UNI 7847	148	162	182
40 NiCrMo 3	UNI 7847	375	409	460

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	211	231	260
14 CrMo 3	EN 10216	260	283	319
18 CrMoSi 4	EN 10222	302	330	371
11 CrMo 9 10	EN 10222.2	495	540	607
16 CrMo 20 5	EN 10216.2	484	528	594
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	935	1020	1147
X 12 Ni 09	EN10222-4	2393	2610	2937
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	102	111	125
100 CrMo 7	EN 683.17	204	222	250
100 CrMn 4	EN 683.17	77	84	95
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	97	105	119
60 SiCr 8	EN 10089	125	136	153
52 SiCrNi 5	EN 10089	285	311	349
45 SiCrMo 6	EN 10089	184	201	226
55 Cr 3	EN 10089	68	74	83
50 CrV 4	EN 10089	156	170	191
51 CrMoV 4	EN 10089	219	239	269
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	90	98	111
19 - 46 MnVS 6	EN 10267	95	103	116
38MnSiVS6		103	112	126
D25M6		104	113	128
48MnV3		69	76	85
Acciai vari / Other steels				
1.0038	S235JR	10	11	12
1.0432	C21	21	23	26
1.0460	P250GH	13	14	16
1.0482	19Mn5	46	50	56
1.0503	C45	13	14	16
1.0511	C40	13	14	16
1.0528	C30	13	14	16
1.0535	C55	15	16	18
1.0540	C50	15	16	18
1.0553	S355J0	38	41	46
1.0565	P355NH	25	27	31
1.0566	P355NL1	25	27	31
1.0570	S355J2G3	27	29	33
1.0577	S355J2	35	39	44
1.0715	11SMn30	23	25	28
1.0721	10S20	27	30	33
1.0726	35S20	26	28	32
1.0764	36SMn14	29	32	36
1.1108	10Mn4	32	35	39
1.1121	C10E	22	24	27
1.1127	38Mn6	42	45	51
1.1132	C15E2C	22	23	26
1.1140	C15R	21	22	25
1.1141	C15E	21	22	25
1.1160	22Mn6	45	49	55
1.1167	36Mn5	27	29	33
1.1181	C35E	23	25	28
1.1191	C45E/CK45	24	26	30
1.1197	25MnV5	62	67	76
1.1201	C45R	13	14	16
1.1206	C50E	15	16	18
1.1213	CF53	11	12	13
1.1219	C56E2	15	16	18
1.1221	C60E	26	29	32
1.1231	C67S	26	29	32
1.1236	C66D2	17	19	21
1.1241	C50R	15	16	18
1.1301	19MnVS6	90	98	111
1.1302	30MnVS6	95	103	116
1.1303	38MnVS6	99	108	121

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1.1304	46MnVD6	98	107	120
1.1305	46MnVS3	94	102	115
1.2007	70Cr2	63	69	77
1.2067	102Cr6	102	111	125
1.2242	59CrV4	129	140	158
1.2826	60MnSiCr4	78	86	96
1.3505	100Cr6	102	111	125
1.3520	100CrMnSi6-4	161	176	198
1.3531	16CrNiMo6	613	669	753
1.3536	100CrMo7-3	221	242	272
1.3537	100CrMo7	189	206	232
1.3538	100CrMo7-4	282	308	346
1.3539	100CrMnMoSi8-4-6	338	368	414
1.4021	X 20 Cr 13	770	840	945
1.4901	X10CrWMoVNB9-2	1573	1644	1931
1.4903	X10CrMoVNB9-1	935	1020	1147
1.5066	30Mn5	38	42	47
1.5120	38MnSi4	63	68	77
1.5216	17MnV6	105	114	129
1.5217	20MnV6	103	113	127
1.5223	42MnV7	86	94	106
1.5231	38MnSiVS5	103	112	126
1.5232	27MnSiVS6	106	116	130
1.5233	44MnSiVS6	106	116	130
1.5243	42MnSiV3 – 3	99	108	121
1.5415	16Mo3	125	137	154
1.5423	16Mo5	200	218	245
1.5523	19MnB4	19	21	24
1.5526	30MNB4	37	41	46
1.5527	40MnB4	49	53	60
1.5532	38MnB5	26	28	31
1.5662	X 8 Ni 9	2389	2606	2932
1.5708	12NiCr3	211	230	259
1.5715	16NiCrS4	335	365	411
1.5752	15NiCr13	929	1013	1140
1.5810	18 NiCr 5-4	430	469	528
1.5918	17 CrNi 6-6	510	556	625
1.6510	39 NiCrMo 3	350	382	429
1.6511	36 CrNiMo 4	425	464	522
1.6522	20 NiCrMo 2	256	279	314
1.6523	20 NiCrMo 2-2	268	292	328
1.6526	20NiCrMoS2-2	260	283	319
1.6527	20NiCrMo3	322	351	395
1.6541	23 MnNiCrMo 5 2	283	308	347
1.6562	40 NiCrMo 8-4	676	737	829
1.6563	41 NiCrMo 7-3-2	638	695	782
1.6566	17 NiCrMo 6-4	504	550	619
1.6580	30 CrNiMo 8	827	902	1014
1.6582	34 CrNiMo 6	620	677	761
1.6587	18 CrNiMo 7-6	657	717	806
1.6657	14 NiCrMo 13-4	1085	1183	1331
1.6758	23 MnNiMoCr 5-4	504	549	618
1.6782	16NiCrMo12-6	990	1080	1215
1.6959	35 NiCrMoV 12-5	1130	1233	1387
1.7016	17Cr3	74	80	90
1.7033	34Cr4	85	93	104
1.7034	37Cr4	85	93	104
1.7035	41Cr4	85	93	104
1.7039	41CrS4	85	93	104
1.7043	38Cr4	85	93	104
1.7076	32CrB4	73	80	90
1.7077	36CrB4	78	85	96
1.7117	52SiCrNi5	285	311	349
1.7131	16 MnCr 5	88	96	108
1.7137	60 MnCrB 3	73	79	89
1.7139	16 MnCrS 5	88	96	108
1.7147	20 MnCr 5	102	111	125
1.7148	30MnCrB4-2	102	111	125
1.7149	20 MnCrS 5	102	111	125

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1.7160	16 MnCrB 5	75	82	93
1.7168	18 MnCrB 5	93	101	114
1.7176	55Cr3	83	90	101
1.7177	60Cr3	58	64	72
1.7182	27 MnCrB 5 2	50	54	61
1.7185	33 MnCrB 5 2	52	56	63
1.7213	25 CrMoS 4	151	165	186
1.7216	30 CrMo 4	151	165	185
1.7218	25CrMo4	163	178	200
1.7220	34 CrMo 4	163	178	200
1.7223	41 CrMo 4	163	178	200
1.7225	42CrMo4	163	178	200
1.7226	34 CrMoS 4	163	178	200
1.7227	42 CrMoS 4	163	178	200
1.7228	50 CrMo 4	163	178	200
1.7243	18 CrMo 4	153	167	188
1.7311	20CrMo2	178	194	218
1.7319	20 MoCrS 3	190	208	234
1.7321	20 MoCr 4	204	223	251
1.7323	20 MoCrS 4	204	223	251
1.7325	25 MoCr 4	208	227	256
1.7326	25 MoCrS 4	208	227	256
1.7335	13 CrMo 4-5	223	243	273
1.7337	16 CrMo 4-4	236	257	289
1.7362	X12CrMo5	474	517	582
1.7380	10 CrMo 9 10	488	532	598
1.7383	11 CrMo 9-10	489	533	600
1.7386	X 12 CrMo 9 1	907	989	1113
1.7701	52CrMoV4	219	239	269
1.7765	32CrMoV12-10	644	703	791
1.8062	46SiCrMo6	194	212	238
1.8159	51CrV4	160	174	196
1.8161	58 CrV 4	149	162	183
1.8201	7CrWVMoNb9-6	293	320	360
1.8515	31 CrMo 12	316	345	388
1.8519	31 CrMoV 9	289	316	355
1.8550	34 CrAlNi 7-10	464	506	569
1.8871	P460QH	66	72	81
1.8901	S 460 N	305	333	374
1.8905	P 460 N	214	233	262
1.8907	StE 500	262	286	321
1.8915	P460NL1	220	240	270
1.8928	S690QL	504	550	619
92145		106	116	130
92216		101	111	124
92421		229	249	280
92520		504	550	619
92523		421	459	517
0078 A		257	281	316
1 E 1286		121	132	148
1.1301-1.1302 mod		90	98	110
107-38MnV5		83	91	102
108-C40Mn		55	60	68
113-35CrB5		84	91	103
123-35MnCrB5		75	82	92
15CrNi6		507	553	622
18NCD4 RENAULT (C9)		372	405	456
18M		100	109	122
1DRB		108	118	132
1E0028		30	33	37
1E0359		24	26	29
1E0042		26	29	32
1E0361A/B/C/D		25	28	31
1E0447		81	89	100
1E0490		175	191	215
1E0509		150	163	184
1E0621		33	36	41
1E0669		30	33	37
1E0670		36	40	45

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1E0686		37	40	45
1E0769		40	43	49
1E0778		159	173	195
1E0873		115	125	141
1E0951		114	125	140
1E0996		41	45	51
1E0997		121	132	149
1E1013		93	101	114
1E1054		184	201	226
1E1058		165	180	203
1E1120		114	124	140
1E1201		61	67	75
1E1239A		68	74	83
1E1239C		61	67	75
1E1239D		59	65	73
1E1239F		41	45	50
1E1239G		37	40	45
1E1239L		160	174	196
1E1239O		90	99	111
1E1286 - 1E1286B		121	132	149
1E1287		42	45	51
1E1482		47	51	58
1E1497		84	91	103
1E1632		60	66	74
1E1671		124	136	153
1E1848		150	163	184
1E1887		30	33	37
1E1901		101	111	124
1E1962		102	111	125
1E2757		561	612	689
1E2757 > 230		935	1020	1147
1E4146		211	230	259
1E4283		25	28	31
1E4336		581	634	713
1E4808		64	70	78
S355+V		56	61	69
1E1727		216	235	265
1E1371		307	335	377
1E1158		25	28	31
1E4787		638	696	783
16NiCrMo12		992	1082	1218
20MnCr5F		189	206	232
20NiCr6		445	486	547
21CrMoV5.11		563	614	691
22MnV6		158	172	194
23CrMoB3		180	196	221
23MCD5		193	210	236
23MnNiCrMo5.2		309	337	379
25CRNIMO2		362	395	444
28 CDV5.08		503	549	617
30 Cr Si Mo V 663		316	345	388
30CRMV10F		424	463	521
30NiCrMoV7		686	748	841
33MB		37	40	45
33MnCrMoB5		113	124	139
35MB4-2		44	48	54
35MNB5		70	76	85
37MnCrMoB5		101	110	124
39MnCrB6		68	75	84
368.6		233	254	285
40-45CrMo4+Ni		283	309	348
4130M		193	211	237
41CrS4 Mod 27		120	131	147
42CrMo4 JMBK		197	215	242
42CRMO4 MOD.		307	335	377
42CrMo4 PBK		172	187	211
42CrMo4+Ni+V		309	337	379
4330		748	816	918
4330V		941	1027	1155

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
43crnimo4.6		550	600	675
4M		114	124	140
47TS2		52	56	63
50NICR13		929	1013	1140
56NiCrMoV7		743	810	912
605M36		126	138	155
8630/vgs		468	510	574
86B45 H		243	265	298
86CrMoV7		227	247	278
92523 Crown Wheel		421	459	517
92523 Pinion		421	459	516
9310 H		982	1071	1205
A 1041 F		41	45	50
A182 F1		211	230	259
A182 F22 MOD.		486	530	596
A193 B16	ASTM	376	410	461
A193 B7		163	178	200
A320 L7		245	268	301
A350 LF2/A105		25	27	31
A694 F65		68	74	83
AAR GRADE F		112	122	138
AISI 4140 MOD.80/110KSI		173	189	213
AISI 4145 MOD. 125KSI		227	248	279
Aisi 4130 MOD. R		242	264	297
Aisi 4718		434	474	533
Aisi 4815		1044	1139	1281
Aisi 8630 MOD		454	496	557
AISI 8720		281	307	345
AISI410		780	851	957
AMS 6418		733	800	900
B222-5		134	146	165
B222-6(4122 MOD)		119	130	146
B222-7		122	133	150
B222-8		235	257	289
B30		51	56	63
B46-1		512	558	628
B63-1		376	410	461
B63-2 (V2525-60)		349	381	428
B79		306	334	376
C50+MO		35	38	43
D60SiMn5/ A1		99	108	121
F11		245	268	301
F22		470	512	577
F22 MOD		588	641	721
Grade 50R		260	283	319
HMS 60		465	507	571
ITM 129		58	64	71
JDM 4320		604	659	741
MTS 238 / SAE 1141/I		44	48	55
P420 QH		262	285	321
PS30 SAE 4715		440	480	540
PS55		800	873	982
PS65		78	85	95
RES 10460		64	69	78
RES166380		122	133	149
S1060		754	823	925
S460NL		171	187	210
SA 508 Gr. 3		381	416	468
SA 765 Gr. 4		106	115	130
SAE 1017 MOD		41	45	51
SAE 4130 MOD2		273	298	335
SAE 4320 JDM		626	682	768
SAE 4820		1047	1142	1284
SAE 8620		269	293	330
SAE 8627H		259	283	318
SAE 8822H		294	321	361
STE460		171	186	209
STE 690		463	505	568
STE 690V		414	452	508

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STE500/GSA10		118	128	145
ste890		688	750	844
Steel 9313		1005	1096	1233
TK23F		209	228	257
TK28A		199	217	244
TS45.02		15	16	18
UC1		26	29	32
V 2525-50		368	401	452
V2525-70		369	402	452
V2527-70		533	582	654
V2905-95		59	65	73
V2906		64	69	78
V2908-95		65	71	79
VSCH CRNI 2525 HL		340	371	417
VSCH-CRNI(S)-2525-U/HH+		358	391	440
VSCH-MNCR(S)-2158-U-HM		135	147	166
VSCH-MNCR(S)-2158-U-HH		159	173	195
VW 4227		83	90	102
VW 4521		616	672	756
VW1427		106	115	130
X19NiCrMo4		1217	1328	1494
X30Cr13		749	818	920
ZF 1		510	556	625
ZF 1 A		656	716	805
ZF 49		73	79	89
ZF 50		24	27	30
ZF 6		102	112	126
ZF 63		91	99	111
ZF 64		85	93	104
ZF 7 B		101	111	124