

**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 Luglio 2022- valid for July 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
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	41	44	50
38 Cr 2 KB	EN 10263-4	58	63	71
34 - 41Cr 4 KB	EN 10263-4	99	108	121
25 - 42 CrMo 4 KB	EN 10263-4	173	189	212
30 -40 NiCrMo 2 KB	EN 10263	279	304	342
38 NiCrMo 4 KB	EN 10263	349	381	429
34 CrNiMo 6 KB	EN 10263-4	559	610	687
40 NiCrMo 7 KB	EN 10263	578	631	710
Acciai da bonifica / Hardening and tempering steels				
QS1105200		28	30	34
41 Cr 4	EN 10083.1	100	109	123
36 CrMn 4	UNI 7847	103	112	127
51 CrV 4	EN 10083.1	144	157	176
25 - 42 CrMo 4	EN 10083.1	173	189	212
20-25 MoCr4		201	219	247
40 NiCrMo 2	EN 10083.1	256	279	314
36CrNiMo4	EN 10083.1	387	422	475
39 NiCrMo 3	EN 10083.1	346	377	424
40 NiCrMo 7	UNI 6926	581	634	714
30CrNiMo 8	EN 10083.1	784	856	963
30 NiCrMo 12		916	999	1124
30 NiCrMoV 12	UNI 6787	960	1047	1178
36 NiCrMo 16	EN 10083.1	1154	1259	1417
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	98	107	121
20 MnCr 5	EN 10084	116	127	143
SAE 94B17		161	176	197
18 CrMo 4	EN 10084	164	178	201
12 NiCr 3		207	226	254
16 - 20 CrNi 4	EN 10084	313	341	384
16 NiCr 11	EN 10084	700	764	859
16 - 20 NiCrMo 2	EN 10084	249	271	305
18 NiCrMo 5	EN 10084	468	510	574
17 CrNiMo 6	EN 10084	627	684	770
18 NiCrMo 7	EN 10084	616	672	756
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	375	409	460
31 CrMoV 9	EN 10085	307	335	377
34 - 41CrAlMo 7	EN 10085	263	287	323
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	96	105	118
36 CrMn 4	UNI 7847	107	117	131
41 CrMo 4	UNI 7847	158	173	194
40 NiCrMo 3	UNI 7847	351	383	430

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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	192	209	235
14 CrMo 3	EN 10216	260	284	319
18 CrMoSi 4	EN 10222	303	330	371
11 CrMo 9 10	EN 10222.2	512	558	628
16 CrMo 20 5	EN 10216.2	574	626	705
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	816	890	1002
X 12 Ni 09	EN10222-4	2091	2281	2566
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	129	141	158
100 CrMo 7	EN 683.17	231	253	284
100 CrMn 4	EN 683.17	94	102	115
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	66	71	80
60 SiCr 8	EN 10089	96	105	118
52 SiCrNi 5	EN 10089	258	282	317
45 SiCrMo 6	EN 10089	166	181	204
55 Cr 3	EN 10089	77	84	94
50 CrV 4	EN 10089	141	154	174
51 CrMoV 4	EN 10089	202	221	248
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	59	64	72
19 - 46 MnVS 6	EN 10267	62	67	76
38MnSiVS6		67	73	82
D25M6		78	85	95
48MnV3		44	48	54
Acciai vari / Other steels				
1.0038	S235JR	7	8	9
1.0432	C21	16	17	19
1.0460	P250GH	10	11	12
1.0482	19Mn5	33	36	40
1.0503	C45	10	11	12
1.0511	C40	10	11	12
1.0528	C30	10	11	12
1.0535	C55	11	12	14
1.0540	C50	11	12	14
1.0553	S355J0	28	30	34
1.0565	P355NH	19	21	23
1.0566	P355NL1	19	21	23
1.0570	S355J2G3	20	22	25
1.0577	S355J2	26	28	32
1.0715	11SMn30	17	19	21
1.0721	10S20	20	21	24
1.0726	35S20	18	20	22
1.0764	36SMn14	22	24	27
1.1108	10Mn4	23	25	29
1.1121	C10E	15	17	19
1.1127	38Mn6	30	33	37
1.1132	C15E2C	15	17	19
1.1140	C15R	14	16	18
1.1141	C15E	14	16	18
1.1160	22Mn6	36	40	45
1.1167	36Mn5	20	22	25
1.1181	C35E	16	17	20
1.1191	C45E/CK45	17	19	21
1.1197	25MnV5	41	45	50
1.1201	C45R	10	11	12
1.1206	C50E	11	12	14
1.1213	CF53	8	9	10
1.1219	C56E2	11	12	14
1.1221	C60E	19	21	23
1.1231	C67S	19	21	23
1.1236	C66D2	12	13	15
1.1241	C50R	11	12	14
1.1301	19MnVS6	59	64	72
1.1302	30MnVS6	62	67	76
1.1303	38MnVS6	64	70	78

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1.1304	46MnVD6	63	69	78
1.1305	46MnVS3	59	64	72
1.2007	70Cr2	69	75	84
1.2067	102Cr6	129	141	158
1.2242	59CrV4	126	138	155
1.2826	60MnSiCr4	66	72	81
1.3505	100Cr6	129	141	158
1.3520	100CrMnSi6-4	176	192	216
1.3531	16CrNiMo6	588	642	722
1.3536	100CrMo7-3	246	269	302
1.3537	100CrMo7	217	237	267
1.3538	100CrMo7-4	302	330	371
1.3539	100CrMnMoSi8-4-6	355	387	436
1.4021	X 20 Cr 13	1036	1130	1272
1.4901	X10CrWMoVNB9-2	1608	1691	1973
1.4903	X10CrMoVNB9-1	1053	1149	1292
1.5066	30Mn5	28	30	34
1.5120	38MnSi4	44	48	53
1.5216	17MnV6	67	73	82
1.5217	20MnV6	66	72	81
1.5223	42MnV7	57	62	70
1.5231	38MnSiVS5	67	73	82
1.5232	27MnSiVS6	69	75	84
1.5233	44MnSiVS6	69	75	84
1.5243	42MnSiV3 – 3	88	96	108
1.5415	16Mo3	112	122	137
1.5423	16Mo5	184	201	226
1.5523	19MnB4	15	16	18
1.5526	30MNB4	38	41	47
1.5527	40MnB4	46	50	56
1.5532	38MnB5	19	21	24
1.5662	X 8 Ni 9	2088	2278	2563
1.5708	12NiCr3	199	218	245
1.5715	16NiCrS4	313	341	384
1.5752	15NiCr13	833	908	1022
1.5810	18 NiCr 5-4	404	441	496
1.5918	17 CrNi 6-6	488	533	600
1.6510	39 NiCrMo 3	331	362	407
1.6511	36 CrNiMo 4	405	442	497
1.6522	20 NiCrMo 2	240	262	295
1.6523	20 NiCrMo 2-2	249	272	306
1.6526	20NiCrMoS2-2	245	267	301
1.6527	20NiCrMo3	298	325	366
1.6541	23 MnNiCrMo 5 2	264	288	324
1.6562	40 NiCrMo 8-4	617	673	757
1.6563	41 NiCrMo 7-3-2	581	634	714
1.6566	17 NiCrMo 6-4	468	510	574
1.6580	30 CrNiMo 8	784	856	963
1.6582	34 CrNiMo 6	588	641	721
1.6587	18 CrNiMo 7-6	627	684	770
1.6657	14 NiCrMo 13-4	979	1068	1202
1.6758	23 MnNiMoCr 5-4	463	505	568
1.6782	16NiCrMo12-6	911	994	1118
1.6959	35 NiCrMoV 12-5	1016	1109	1247
1.7016	17Cr3	85	92	104
1.7033	34Cr4	100	109	123
1.7034	37Cr4	100	109	123
1.7035	41Cr4	100	109	123
1.7039	41CrS4	100	109	123
1.7043	38Cr4	100	109	123
1.7076	32CrB4	92	101	113
1.7077	36CrB4	98	107	120
1.7117	52SiCrNi5	258	282	317
1.7131	16 MnCr 5	99	108	122
1.7137	60 MnCrB 3	82	90	101
1.7139	16 MnCrS 5	99	108	122
1.7147	20 MnCr 5	116	127	143
1.7148	30MnCrB4-2	116	127	143
1.7149	20 MnCrS 5	116	127	143

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1.7160	16 MnCrB 5	91	99	111
1.7168	18 MnCrB 5	106	116	130
1.7176	55Cr3	91	99	111
1.7177	60Cr3	71	77	87
1.7182	27 MnCrB 5 2	53	58	66
1.7185	33 MnCrB 5 2	55	60	67
1.7213	25 CrMoS 4	165	180	203
1.7216	30 CrMo 4	162	176	198
1.7218	25CrMo4	173	189	212
1.7220	34 CrMo 4	173	189	212
1.7223	41 CrMo 4	173	189	212
1.7225	42CrMo4	173	189	212
1.7226	34 CrMoS 4	173	189	212
1.7227	42 CrMoS 4	173	189	212
1.7228	50 CrMo 4	173	189	212
1.7243	18 CrMo 4	164	178	201
1.7311	20CrMo2	176	192	215
1.7319	20 MoCrS 3	191	208	234
1.7321	20 MoCr 4	196	214	241
1.7323	20 MoCrS 4	196	214	241
1.7325	25 MoCr 4	201	219	247
1.7326	25 MoCrS 4	201	219	247
1.7335	13 CrMo 4-5	224	245	275
1.7337	16 CrMo 4-4	241	263	296
1.7362	X12CrMo5	568	620	697
1.7380	10 CrMo 9 10	507	553	622
1.7383	11 CrMo 9-10	508	554	623
1.7386	X 12 CrMo 9 1	1078	1176	1323
1.7701	52CrMoV4	202	221	248
1.7765	32CrMoV12-10	630	688	774
1.8062	46SiCrMo6	176	192	216
1.8159	51CrV4	144	157	176
1.8161	58 CrV 4	138	150	169
1.8201	7CrWVMoNb9-6	294	321	361
1.8515	31 CrMo 12	371	405	455
1.8519	31 CrMoV 9	307	335	377
1.8550	34 CrAlNi 7-10	457	499	561
1.8871	P460QH	45	49	55
1.8901	S 460 N	250	273	307
1.8905	P 460 N	185	202	228
1.8907	StE 500	230	251	282
1.8915	P460NL1	192	209	235
1.8928	S690QL	468	510	574
92145		68	74	83
92216		116	127	142
92421		228	249	280
92520		468	510	574
92523		397	433	488
0078 A		254	277	312
1 E 1286		122	133	150
1.1301-1.1302 mod		58	63	71
107-38MnV5		53	57	64
108-C40Mn		51	56	63
113-35CrB5		98	107	120
123-35MnCrB5		77	83	94
15CrNi6		486	530	596
18NCD4 RENAULT (C9)		346	377	425
18M		69	75	84
1DRB		111	121	136
1E0028		22	24	27
1E0359		17	18	21
1E0042		19	21	23
1E0361A/B/C/D		18	20	22
1E0447		92	101	113
1E0490		178	194	218
1E0509		158	172	194
1E0621		24	26	30
1E0669		22	24	27
1E0670		26	29	32

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E0686		27	29	33
1E0769		29	32	36
1E0778		164	179	201
1E0873		113	123	138
1E0951		113	123	139
1E0996		30	33	37
1E0997		119	130	146
1E1013		91	99	112
1E1054		190	208	234
1E1058		174	190	214
1E1120		116	126	142
1E1201		62	68	76
1E1239A		66	72	81
1E1239C		60	65	73
1E1239D		58	63	71
1E1239F		33	36	41
1E1239G		30	33	37
1E1239L		170	185	209
1E1239O		91	99	112
1E1286 - 1E1286B		122	133	150
1E1287		36	39	44
1E1482		44	48	54
1E1497		60	66	74
1E1632		59	64	72
1E1671		122	133	150
1E1848		158	172	194
1E1887		22	24	27
1E1901		85	92	104
1E1962		65	71	80
1E2757		510	557	626
1E2757 > 230		853	930	1047
1E4146		169	185	208
1E4283		18	20	22
1E4336		552	602	677
1E4808		61	67	75
S355+V		38	41	46
1E1727		222	242	272
1E1371		310	338	380
1E1158		18	20	22
1E4787		582	635	714
16NiCrMo12		899	981	1103
20MnCr5F		194	212	238
20NiCr6		417	455	511
21CrMoV5.11		507	553	622
22MnV6		121	132	148
23CrMoB3		183	200	225
23MCD5		200	219	246
23MnNiCrMo5.2		284	309	348
25CRNIMO2		337	367	413
27MnMoNiCr-AF		537	586	660
28 CDV5.08		466	508	572
30 Cr Si Mo V 663		307	335	377
30CRM0V10F		420	458	515
30NiCrMoV7		621	677	762
33MB		30	33	37
33MnCrMoB5		111	121	136
33MnCrMoB5-2 - AF		134	146	164
35MB4-2		37	41	46
35MNB5		70	76	85
37MnCrMoB5		99	108	122
39MnCrB6		67	73	82
368.6		217	237	267
40-45CrMo4+Ni		280	305	343
4130M		202	221	248
41CrS4 Mod 27		134	146	164
42CrMo4 JMBK		205	223	251
42CRM04 MOD.		302	329	370
42CrMo4 PBK		183	199	224
42CrMo4+Ni+V		290	316	356

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
4330		675	736	828
4330V		870	950	1068
43crnimo4.6		514	561	631
4M		120	131	148
47TS2		47	52	58
50CRNIMOV4		287	313	352
50NICR13		833	908	1022
56NiCrMoV7		676	737	830
605M36		109	119	134
8630/vgs		441	481	541
86B45 H		228	249	280
86CrMoV7		240	262	295
92523 Crown Wheel		397	433	488
92523 Pinion		397	433	487
9310 H		895	976	1098
A105/LF2/F52		49	54	61
A 1041 F		30	33	37
A182 F1		192	209	235
A182 F22 MOD.		507	553	622
A193 B16	ASTM	327	357	401
A193 B7		173	189	212
A320 L7		245	268	301
A350 LF2/A105		19	21	23
A694 F65		45	49	55
ABSBAIN20		257	280	315
ABSBAIN20Eco		221	241	271
ABSBAIN40		201	219	247
AAR GRADE F		88	96	108
AISI 4140 MOD.80/110KSI		182	199	223
AISI 4145 MOD. 125KSI		234	256	288
Aisi 4130 MOD. R		242	264	297
Aisi 4718		395	431	485
Aisi 4815		911	994	1118
Aisi 8630 MOD		426	465	523
AISI 8720		262	286	322
AISI410		1041	1135	1277
AMS 6418		640	698	785
B222-5		135	147	165
B222-6(4122 MOD)		118	129	145
B222-7		122	133	149
B222-8		230	251	282
B30		46	51	57
B46-1		475	518	583
B63-1		355	387	435
B63-2 (V2525-60)		336	367	413
B79		287	313	352
C50+MO		30	33	37
D60SiMn5/ A1		88	96	108
F11		248	271	304
F22		491	536	603
F22 MOD		600	654	736
Grade 50R		261	285	321
HMS 60		420	458	515
ITM 129		53	58	65
JDM 4320		546	595	670
MTS 238 / SAE 1141/I		32	35	40
P420 QH		227	247	278
PS30 SAE 4715		408	445	501
PS55		727	793	892
PS65		86	94	106
RES 10460		52	57	64
RES166380		120	131	147
S1060		701	765	861
S460NL		153	167	188
SA 508 Gr. 3		338	368	414
SA 765 Gr. 4		85	93	105
SAE 1017 MOD		39	43	48
SAE 4130 MOD2		264	288	324
SAE 4140		157	172	193

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SAE 4320 JDM		562	613	690
SAE 4820		916	1000	1125
SAE 8620		249	271	305
SAE 8627H		242	264	297
SAE 8822H		276	301	338
STE460		128	140	157
STE 690		421	459	517
STE 690V		381	416	468
STE500/GSA10		75	81	92
ste890		637	695	782
Steel 9313		919	1002	1128
TK23F		192	210	236
TK28A		182	199	223
TS45.02		11	12	14
UC1		19	21	23
V 2525-50		352	384	432
V2525-70		348	380	427
V2527-70		509	556	625
V2905-95		37	41	46
V2906		41	44	50
V2908-95		52	56	64
VSCH CRNI 2525 HL		325	354	398
VSCH-CRNI(S)-2525-U/HH+		337	368	414
VSCH-MNCR(S)-2158-U-HM		149	163	183
VSCH-MNCR(S)-2158-U-HH		171	186	210
VW 4227		100	109	122
VW 4521		565	617	694
VW1427		68	74	83
X19NiCrMo4		1167	1273	1432
X30Cr13		1024	1118	1257
ZF 1		488	533	600
ZF 1 A		624	681	766
ZF 49		45	49	55
ZF 50		17	19	21
ZF 6		111	121	137
ZF 63		106	116	130
ZF 64		100	109	123
ZF 7 B		116	127	142