

**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 Settembre 2022- valid for September 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	32	35	39
38 Cr 2 KB	EN 10263-4	46	50	56
34 - 41Cr 4 KB	EN 10263-4	80	88	99
25 - 42 CrMo 4 KB	EN 10263-4	141	153	173
30 -40 NiCrMo 2 KB	EN 10263	223	243	274
38 NiCrMo 4 KB	EN 10263	281	307	345
34 CrNiMo 6 KB	EN 10263-4	451	492	553
40 NiCrMo 7 KB	EN 10263	464	506	570
Acciai da bonifica / Hardening and tempering steels				
QS1105200		19	21	23
41 Cr 4	EN 10083.1	81	89	100
36 CrMn 4	UNI 7847	83	91	102
51 CrV 4	EN 10083.1	118	129	145
25 - 42 CrMo 4	EN 10083.1	141	153	173
20-25 MoCr4		162	177	199
40 NiCrMo 2	EN 10083.1	205	223	251
36CrNiMo4	EN 10083.1	311	340	382
39 NiCrMo 3	EN 10083.1	278	303	341
40 NiCrMo 7	UNI 6926	466	509	572
30CrNiMo 8	EN 10083.1	633	690	777
30 NiCrMo 12		734	801	901
30 NiCrMoV 12	UNI 6787	772	842	947
36 NiCrMo 16	EN 10083.1	928	1013	1139
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	78	85	96
20 MnCr 5	EN 10084	93	101	114
SAE 94B17		128	139	157
18 CrMo 4	EN 10084	133	145	163
12 NiCr 3		166	181	204
16 - 20 CrNi 4	EN 10084	250	273	307
16 NiCr 11	EN 10084	561	612	688
16 - 20 NiCrMo 2	EN 10084	199	217	244
18 NiCrMo 5	EN 10084	376	410	461
17 CrNiMo 6	EN 10084	506	552	621
18 NiCrMo 7	EN 10084	496	541	608
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	309	337	379
31 CrMoV 9	EN 10085	255	278	313
34 - 41CrAlMo 7	EN 10085	215	235	264
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	78	85	96
36 CrMn 4	UNI 7847	86	94	106
41 CrMo 4	UNI 7847	129	140	158
40 NiCrMo 3	UNI 7847	282	307	346

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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	154	168	189
14 CrMo 3	EN 10216	212	231	260
18 CrMoSi 4	EN 10222	247	269	303
11 CrMo 9 10	EN 10222.2	419	457	514
16 CrMo 20 5	EN 10216.2	476	519	584
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	651	710	798
X 12 Ni 09	EN10222-4	1668	1820	2047
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	107	116	131
100 CrMo 7	EN 683.17	191	208	234
100 CrMn 4	EN 683.17	75	82	92
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	51	55	62
60 SiCr 8	EN 10089	76	83	93
52 SiCrNi 5	EN 10089	207	226	254
45 SiCrMo 6	EN 10089	134	146	165
55 Cr 3	EN 10089	61	67	75
50 CrV 4	EN 10089	116	127	143
51 CrMoV 4	EN 10089	166	181	203
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	45	49	55
19 - 46 MnVS 6	EN 10267	47	51	58
38MnSiVS6		51	56	63
D25M6		60	66	74
48MnV3		34	37	42
Acciai vari / Other steels				
1.0038	S235JR	5	5	6
1.0432	C21	10	10	12
1.0460	P250GH	6	6	7
1.0482	19Mn5	23	25	28
1.0503	C45	6	6	7
1.0511	C40	6	6	7
1.0528	C30	6	6	7
1.0535	C55	7	7	8
1.0540	C50	7	7	8
1.0553	S355J0	18	20	22
1.0565	P355NH	12	13	14
1.0566	P355NL1	12	13	14
1.0570	S355J2G3	12	13	15
1.0577	S355J2	17	18	21
1.0715	11SMn30	11	12	13
1.0721	10S20	13	14	16
1.0726	35S20	12	13	15
1.0764	36SMn14	14	15	17
1.1108	10Mn4	15	17	19
1.1121	C10E	11	12	13
1.1127	38Mn6	20	22	25
1.1132	C15E2C	11	12	13
1.1140	C15R	10	11	13
1.1141	C15E	10	11	13
1.1160	22Mn6	25	28	31
1.1167	36Mn5	12	13	15
1.1181	C35E	11	12	14
1.1191	C45E/CK45	12	13	15
1.1197	25MnV5	30	33	37
1.1201	C45R	6	6	7
1.1206	C50E	7	7	8
1.1213	CF53	5	5	6
1.1219	C56E2	7	7	8
1.1221	C60E	13	14	16
1.1231	C67S	13	14	16
1.1236	C66D2	9	9	11
1.1241	C50R	7	7	8
1.1301	19MnVS6	45	49	55
1.1302	30MnVS6	47	51	58
1.1303	38MnVS6	49	54	60

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1.1304	46MnVD6	48	53	59
1.1305	46MnVS3	47	51	58
1.2007	70Cr2	55	60	67
1.2067	102Cr6	107	116	131
1.2242	59CrV4	103	112	126
1.2826	60MnSiCr4	51	56	63
1.3505	100Cr6	107	116	131
1.3520	100CrMnSi6-4	142	155	175
1.3531	16CrNiMo6	475	518	583
1.3536	100CrMo7-3	202	220	247
1.3537	100CrMo7	179	195	220
1.3538	100CrMo7-4	247	270	303
1.3539	100CrMnMoSi8-4-6	290	316	356
1.4021	X 20 Cr 13	867	945	1064
1.4901	X10CrWMoVNB9-2	1435	1506	1762
1.4903	X10CrMoVNB9-1	879	959	1079
1.5066	30Mn5	19	20	23
1.5120	38MnSi4	32	35	39
1.5216	17MnV6	52	56	63
1.5217	20MnV6	51	56	62
1.5223	42MnV7	42	46	52
1.5231	38MnSiVS5	51	56	63
1.5232	27MnSiVS6	53	58	65
1.5233	44MnSiVS6	53	58	65
1.5243	42MnSiV3 - 3	69	75	85
1.5415	16Mo3	89	97	109
1.5423	16Mo5	148	161	182
1.5523	19MnB4	9	10	11
1.5526	30MNB4	28	31	35
1.5527	40MnB4	34	38	42
1.5532	38MnB5	12	13	14
1.5662	X 8 Ni 9	1666	1818	2045
1.5708	12NiCr3	160	174	196
1.5715	16NiCrS4	250	273	307
1.5752	15NiCr13	666	727	818
1.5810	18 NiCr 5-4	324	354	398
1.5918	17 CrNi 6-6	393	429	482
1.6510	39 NiCrMo 3	266	291	327
1.6511	36 CrNiMo 4	326	356	400
1.6522	20 NiCrMo 2	192	210	236
1.6523	20 NiCrMo 2-2	199	218	245
1.6526	20NiCrMoS2-2	196	214	241
1.6527	20NiCrMo3	239	260	293
1.6541	23 MnNiCrMo 5 2	210	229	258
1.6562	40 NiCrMo 8-4	495	540	607
1.6563	41 NiCrMo 7-3-2	466	509	572
1.6566	17 NiCrMo 6-4	376	410	461
1.6580	30 CrNiMo 8	633	690	777
1.6582	34 CrNiMo 6	473	517	581
1.6587	18 CrNiMo 7-6	506	552	621
1.6657	14 NiCrMo 13-4	785	856	963
1.6758	23 MnNiMoCr 5-4	370	404	455
1.6782	16NiCrMo12-6	733	800	900
1.6959	35 NiCrMoV 12-5	819	894	1005
1.7016	17Cr3	68	74	84
1.7033	34Cr4	81	89	100
1.7034	37Cr4	81	89	100
1.7035	41Cr4	81	89	100
1.7039	41CrS4	81	89	100
1.7043	38Cr4	81	89	100
1.7076	32CrB4	75	82	92
1.7077	36CrB4	79	86	97
1.7117	52SiCrNi5	207	226	254
1.7131	16 MnCr 5	79	86	97
1.7137	60 MnCrB 3	66	72	81
1.7139	16 MnCrS 5	79	86	97
1.7147	20 MnCr 5	93	101	114
1.7148	30MnCrB4-2	93	101	114
1.7149	20 MnCrS 5	93	101	114

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1.7160	16 MnCrB 5	72	79	88
1.7168	18 MnCrB 5	85	93	104
1.7176	55Cr3	73	79	89
1.7177	60Cr3	56	61	69
1.7182	27 MnCrB 5 2	41	44	50
1.7185	33 MnCrB 5 2	41	45	51
1.7213	25 CrMoS 4	134	146	165
1.7216	30 CrMo 4	132	144	162
1.7218	25CrMo4	141	153	173
1.7220	34 CrMo 4	141	153	173
1.7223	41 CrMo 4	141	153	173
1.7225	42CrMo4	141	153	173
1.7226	34 CrMoS 4	141	153	173
1.7227	42 CrMoS 4	141	153	173
1.7228	50 CrMo 4	141	153	173
1.7243	18 CrMo 4	133	145	163
1.7311	20CrMo2	142	155	174
1.7319	20 MoCrS 3	153	167	188
1.7321	20 MoCr 4	158	173	194
1.7323	20 MoCrS 4	158	173	194
1.7325	25 MoCr 4	162	177	199
1.7326	25 MoCrS 4	162	177	199
1.7335	13 CrMo 4-5	183	199	224
1.7337	16 CrMo 4-4	196	214	241
1.7362	X12CrMo5	470	513	577
1.7380	10 CrMo 9 10	415	453	510
1.7383	11 CrMo 9-10	416	454	510
1.7386	X 12 CrMo 9 1	894	976	1098
1.7701	52CrMoV4	166	181	203
1.7765	32CrMoV12-10	521	569	640
1.8062	46SiCrMo6	142	155	175
1.8159	51CrV4	118	129	145
1.8161	58 CrV 4	113	123	139
1.8201	7CrWVMoNb9-6	245	268	301
1.8515	31 CrMo 12	306	334	376
1.8519	31 CrMoV 9	255	278	313
1.8550	34 CrAlNi 7-10	370	404	454
1.8871	P460QH	32	35	40
1.8901	S 460 N	200	218	246
1.8905	P 460 N	145	158	178
1.8907	StE 500	181	197	222
1.8915	P460NL1	150	163	184
1.8928	S690QL	376	410	461
92145		53	57	64
92216		93	101	114
92421		184	201	226
92520		376	410	461
92523		319	348	391
0078 A		206	225	253
1 E 1286		99	108	121
1.1301-1.1302 mod		44	48	54
107-38MnV5		41	45	51
108-C40Mn		38	42	47
113-35CrB5		79	86	97
123-35MnCrB5		59	65	73
15CrNi6		391	427	480
18NCD4 RENAULT (C9)		277	302	339
18M		53	57	64
1DRB		88	96	108
1E0028		15	16	18
1E0359		12	13	14
1E0042		13	14	16
1E0361A/B/C/D		13	14	15
1E0447		74	80	90
1E0490		144	157	176
1E0509		128	139	156
1E0621		16	18	20
1E0669		15	16	18
1E0670		18	19	22

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E0686		18	19	22
1E0769		19	21	23
1E0778		132	144	162
1E0873		89	97	109
1E0951		90	98	110
1E0996		20	22	24
1E0997		94	103	116
1E1013		71	78	88
1E1054		154	168	189
1E1058		142	155	174
1E1120		92	101	114
1E1201		48	52	59
1E1239A		50	54	61
1E1239C		45	49	55
1E1239D		44	48	54
1E1239F		24	26	29
1E1239G		22	24	27
1E1239L		138	151	169
1E1239O		72	78	88
1E1286 - 1E1286B		99	108	121
1E1287		26	28	32
1E1482		33	36	41
1E1497		47	51	57
1E1632		44	48	55
1E1671		97	105	119
1E1848		127	139	156
1E1887		15	16	18
1E1901		65	71	80
1E1962		50	55	62
1E2757		412	450	506
1E2757 > 230		684	746	840
1E4146		137	149	168
1E4283		13	14	15
1E4336		445	485	546
1E4808		46	50	57
S355+V		27	30	34
1E1727		179	195	220
1E1371		254	277	311
1E1158		12	14	15
1E4787		466	509	572
16NiCrMo12		722	787	885
20MNCr5F		155	169	191
20NiCr6		334	364	410
21CrMoV5.11		416	454	511
21CRMov5.7		328	358	403
22MnV6		95	104	117
23CrMoB3		148	162	182
23MCD5		161	175	197
23MnNiCrMo5.2		226	246	277
25CRNIMO2		270	295	331
27MnMoNiCr-AF		433	473	532
28 CDV5.08		383	418	470
30 Cr Si Mo V 663		253	276	310
30CRMov10F		347	379	426
30NiCrMoV7		499	545	613
33MB		22	24	27
33MNCrMOB5		87	95	107
33MnCrMoB5-2 - AF		106	116	130
35MB4-2		27	30	33
35MNB5		53	58	65
37MNCrMOB5		78	85	96
39MNCrB6		50	55	62
368.6		173	189	213
40-45CrMo4+Ni		226	246	277
4130M		164	179	202
41CrS4 Mod 27		109	119	133
42CrMo4 JMBK		166	182	204
42CRM04 MOD.		244	266	299
42CrMo4 PBK		148	162	182

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
42CrMo4+Ni+V		235	257	289
4330		543	592	666
4330V		701	764	860
43crnimo4.6		414	451	508
45SiCrV6		155	169	190
4M		97	106	119
47TS2		35	39	44
50CRNIMOV4		233	255	286
50NICR13		666	727	818
56NiCrMoV7		545	595	669
605M36		84	92	104
8630/vgs		355	387	436
86B45 H		182	199	224
86CrMoV7		199	217	244
92523 Crown Wheel		319	348	391
92523 Pinion		318	347	390
9310 H		718	783	881
A105/LF2/F52		37	40	45
A 1041 F		20	22	24
A182 F1		154	168	189
A182 F22 MOD.		416	454	510
A193 B16	ASTM	270	294	331
A193 B7		141	153	173
A320 L7		198	216	243
A350 LF2/A105		12	13	14
A694 F65		33	36	41
ABSBAIN20		208	227	256
ABSBAIN20Eco		177	193	217
ABSBAIN40		161	176	198
AAR GRADE F		69	75	84
AISI 4140 MOD.80/110KSI		147	161	181
AISI 4145 MOD. 125KSI		189	207	232
Aisi 4130 MOD. R		196	214	240
Aisi 4718		316	345	388
Aisi 4815		729	795	894
Aisi 8630 MOD		343	374	421
AISI 8720		210	229	257
AISI410		870	949	1068
AMS 6418		510	557	626
B222-5		107	117	132
B222-6(4122 MOD)		94	102	115
B222-7		97	105	119
B222-8		185	201	227
B30		34	37	42
B46-1		381	416	468
B63-1		284	309	348
B63-2 (V2525-60)		270	294	331
B79		230	251	283
C38N2		38	41	47
C50+MO		22	24	27
D60SiMn5/ A1		69	75	85
F11		203	221	249
F22		402	439	494
F22 MOD		490	534	601
Grade 50R		212	231	260
HMS 60		346	378	425
ITM 129		40	43	49
JDM 4320		437	477	536
MTS 238 / SAE 1141/I		22	24	27
P420 QH		179	195	219
PS30 SAE 4715		328	358	403
PS55		583	636	716
PS65		68	74	84
RES 10460		36	39	44
RES166380		95	103	116
S1060		564	615	692
S460NL		119	130	147
SA 508 Gr. 3		268	293	329
SA 765 Gr. 4		66	72	81

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SAE 1017 MOD		30	32	37
SAE 4130 MOD2		214	234	263
SAE 4140		127	139	156
SAE 4320 JDM		451	491	553
SAE 4820		732	798	898
SAE 8620		199	217	244
SAE 8627H		194	211	238
SAE 8822H		221	241	271
STE460		101	111	124
STE 690		339	370	416
STE 690V		306	334	375
STE500/GSA10		58	63	71
ste890		512	558	628
Steel 9313		737	804	905
TK23F		152	165	186
TK28A		143	156	176
TS45.02		7	7	8
UC1		13	14	16
V 2525-50		282	308	346
V2525-70		279	304	342
V2527-70		411	448	504
V2905-95		29	32	36
V2906		31	34	39
V2908-95		38	41	46
VSCH CRNI 2525 HL		260	284	319
VSCH-CRNI(S)-2525-U/HH+		270	294	331
VSCH-MNCR(S)-2158-U-HM		120	131	147
VSCH-MNCR(S)-2158-U-HH		137	150	168
VW 4227		79	87	97
VW 4521		454	495	557
VW1427		52	57	64
X19NiCrMo4		936	1022	1149
X30Cr13		856	934	1051
ZF 1		393	429	482
ZF 1 A		503	549	617
ZF 49		36	39	44
ZF 50		12	13	15
ZF 6		89	97	109
ZF 63		86	94	105
ZF 64		81	89	100
ZF 7 B		93	101	114