

**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 Ottobre 2022- valid for October 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	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	29	31	35
38 Cr 2 KB	EN 10263-4	42	45	51
34 - 41Cr 4 KB	EN 10263-4	73	80	90
25 - 42 CrMo 4 KB	EN 10263-4	142	155	174
30 -40 NiCrMo 2 KB	EN 10263	227	247	278
38 NiCrMo 4 KB	EN 10263	283	308	347
34 CrNiMo 6 KB	EN 10263-4	449	490	551
40 NiCrMo 7 KB	EN 10263	466	508	572
Acciai da bonifica / Hardening and tempering steels				
QS1105200		17	19	21
41 Cr 4	EN 10083.1	74	81	91
36 CrMn 4	UNI 7847	76	83	93
51 CrV 4	EN 10083.1	108	118	133
25 - 42 CrMo 4	EN 10083.1	142	155	174
20-25 MoCr4		175	190	214
40 NiCrMo 2	EN 10083.1	208	227	256
36CrNiMo4	EN 10083.1	310	338	381
39 NiCrMo 3	EN 10083.1	280	305	343
40 NiCrMo 7	UNI 6926	469	511	575
30CrNiMo 8	EN 10083.1	633	691	777
30 NiCrMo 12		745	813	915
30 NiCrMoV 12	UNI 6787	780	851	958
36 NiCrMo 16	EN 10083.1	927	1011	1138
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	71	78	88
20 MnCr 5	EN 10084	85	93	104
SAE 94B17		128	139	157
18 CrMo 4	EN 10084	133	145	163
12 NiCr 3		162	176	198
16 - 20 CrNi 4	EN 10084	243	265	299
16 NiCr 11	EN 10084	553	604	679
16 - 20 NiCrMo 2	EN 10084	202	220	248
18 NiCrMo 5	EN 10084	375	409	461
17 CrNiMo 6	EN 10084	505	551	620
18 NiCrMo 7	EN 10084	501	546	614
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	305	333	375
31 CrMoV 9	EN 10085	244	266	300
34 - 41CrAlMo 7	EN 10085	217	237	266
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	71	78	87
36 CrMn 4	UNI 7847	79	86	97
41 CrMo 4	UNI 7847	129	141	158
40 NiCrMo 3	UNI 7847	283	309	347

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	173	189	212
14 CrMo 3	EN 10216	225	246	277
18 CrMoSi 4	EN 10222	258	281	316
11 CrMo 9 10	EN 10222.2	441	481	541
16 CrMo 20 5	EN 10216.2	466	508	572
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	648	707	795
X 12 Ni 09	EN10222-4	1662	1813	2040
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	97	106	119
100 CrMo 7	EN 683.17	189	206	231
100 CrMn 4	EN 683.17	68	74	84
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	46	51	57
60 SiCr 8	EN 10089	69	76	85
52 SiCrNi 5	EN 10089	198	216	243
45 SiCrMo 6	EN 10089	134	146	165
55 Cr 3	EN 10089	56	61	69
50 CrV 4	EN 10089	106	116	130
51 CrMoV 4	EN 10089	163	178	200
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	41	45	50
19 - 46 MnVS 6	EN 10267	43	47	53
38MnSiVS6		47	51	58
D25M6		55	60	68
48MnV3		31	34	39
Acciai vari / Other steels				
1.0038	S235JR	4	5	5
1.0432	C21	9	10	11
1.0460	P250GH	5	6	7
1.0482	19Mn5	21	23	26
1.0503	C45	5	6	7
1.0511	C40	5	6	7
1.0528	C30	5	6	7
1.0535	C55	6	7	8
1.0540	C50	6	7	8
1.0553	S355J0	17	18	20
1.0565	P355NH	11	12	13
1.0566	P355NL1	11	12	13
1.0570	S355J2G3	11	12	14
1.0577	S355J2	16	17	19
1.0715	11SMn30	10	11	12
1.0721	10S20	12	13	15
1.0726	35S20	11	12	14
1.0764	36SMn14	13	14	15
1.1108	10Mn4	14	15	17
1.1121	C10E	10	11	12
1.1127	38Mn6	18	20	23
1.1132	C15E2C	10	11	12
1.1140	C15R	9	10	12
1.1141	C15E	9	10	12
1.1160	22Mn6	23	25	29
1.1167	36Mn5	11	12	14
1.1181	C35E	10	11	13
1.1191	C45E/CK45	11	12	13
1.1197	25MnV5	28	30	34
1.1201	C45R	5	6	7
1.1206	C50E	6	7	8
1.1213	CF53	5	5	6
1.1219	C56E2	6	7	8
1.1221	C60E	12	13	15
1.1231	C67S	12	13	15
1.1236	C66D2	8	9	10
1.1241	C50R	6	7	8
1.1301	19MnVS6	41	45	50
1.1302	30MnVS6	43	47	53
1.1303	38MnVS6	45	49	55

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1.1304	46MnVD6	44	48	54
1.1305	46MnVS3	43	47	53
1.2007	70Cr2	50	54	61
1.2067	102Cr6	97	106	119
1.2242	59CrV4	94	102	115
1.2826	60MnSiCr4	47	51	57
1.3505	100Cr6	97	106	119
1.3520	100CrMnSi6-4	131	143	161
1.3531	16CrNiMo6	475	518	583
1.3536	100CrMo7-3	200	218	245
1.3537	100CrMo7	175	191	215
1.3538	100CrMo7-4	252	275	309
1.3539	100CrMnMoSi8-4-6	297	323	364
1.4021	X 20 Cr 13	790	861	969
1.4901	X10CrWMoVNB9-2	1400	1466	1718
1.4903	X10CrMoVNB9-1	860	938	1055
1.5066	30Mn5	17	19	21
1.5120	38MnSi4	29	32	36
1.5216	17MnV6	47	52	58
1.5217	20MnV6	47	51	57
1.5223	42MnV7	39	42	47
1.5231	38MnSiVS5	47	51	58
1.5232	27MnSiVS6	48	53	59
1.5233	44MnSiVS6	48	53	59
1.5243	42MnSiV3 - 3	63	69	77
1.5415	16Mo3	99	108	122
1.5423	16Mo5	167	183	205
1.5523	19MnB4	8	9	10
1.5526	30MNB4	26	28	32
1.5527	40MnB4	31	34	39
1.5532	38MnB5	11	12	13
1.5662	X 8 Ni 9	1660	1811	2038
1.5708	12NiCr3	156	170	191
1.5715	16NiCrS4	243	265	299
1.5752	15NiCr13	658	718	808
1.5810	18 NiCr 5-4	317	345	389
1.5918	17 CrNi 6-6	383	417	470
1.6510	39 NiCrMo 3	268	292	329
1.6511	36 CrNiMo 4	327	357	401
1.6522	20 NiCrMo 2	196	214	240
1.6523	20 NiCrMo 2-2	202	221	248
1.6526	20NiCrMoS2-2	199	217	245
1.6527	20NiCrMo3	242	264	297
1.6541	23 MnNiCrMo 5 2	215	234	264
1.6562	40 NiCrMo 8-4	500	546	614
1.6563	41 NiCrMo 7-3-2	469	511	575
1.6566	17 NiCrMo 6-4	375	409	461
1.6580	30 CrNiMo 8	633	691	777
1.6582	34 CrNiMo 6	472	514	579
1.6587	18 CrNiMo 7-6	505	551	620
1.6657	14 NiCrMo 13-4	785	857	964
1.6758	23 MnNiMoCr 5-4	386	421	474
1.6782	16NiCrMo12-6	737	804	905
1.6959	35 NiCrMoV 12-5	826	902	1014
1.7016	17Cr3	62	68	76
1.7033	34Cr4	74	81	91
1.7034	37Cr4	74	81	91
1.7035	41Cr4	74	81	91
1.7039	41CrS4	74	81	91
1.7043	38Cr4	74	81	91
1.7076	32CrB4	68	75	84
1.7077	36CrB4	72	79	88
1.7117	52SiCrNi5	198	216	243
1.7131	16 MnCr 5	72	79	88
1.7137	60 MnCrB 3	60	65	73
1.7139	16 MnCrS 5	72	79	88
1.7147	20 MnCr 5	85	93	104
1.7148	30MnCrB4-2	85	93	104
1.7149	20 MnCrS 5	85	93	104

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1.7160	16 MnCrB 5	66	72	81
1.7168	18 MnCrB 5	77	84	95
1.7176	55Cr3	66	72	81
1.7177	60Cr3	51	56	63
1.7182	27 MnCrB 5 2	37	40	45
1.7185	33 MnCrB 5 2	38	41	46
1.7213	25 CrMoS 4	136	148	167
1.7216	30 CrMo 4	134	146	164
1.7218	25CrMo4	142	155	174
1.7220	34 CrMo 4	142	155	174
1.7223	41 CrMo 4	142	155	174
1.7225	42CrMo4	142	155	174
1.7226	34 CrMoS 4	142	155	174
1.7227	42 CrMoS 4	142	155	174
1.7228	50 CrMo 4	142	155	174
1.7243	18 CrMo 4	133	145	163
1.7311	20CrMo2	150	164	184
1.7319	20 MoCrS 3	160	174	196
1.7321	20 MoCr 4	171	187	210
1.7323	20 MoCrS 4	171	187	210
1.7325	25 MoCr 4	175	190	214
1.7326	25 MoCrS 4	175	190	214
1.7335	13 CrMo 4-5	193	211	237
1.7337	16 CrMo 4-4	206	224	252
1.7362	X12CrMo5	461	503	566
1.7380	10 CrMo 9 10	438	477	537
1.7383	11 CrMo 9-10	438	478	538
1.7386	X 12 CrMo 9 1	874	953	1073
1.7701	52CrMoV4	163	178	200
1.7765	32CrMoV12-10	534	583	656
1.8062	46SiCrMo6	143	156	175
1.8159	51CrV4	108	118	133
1.8161	58 CrV 4	103	113	127
1.8201	7CrWVMoNb9-6	234	256	288
1.8515	31 CrMo 12	303	330	371
1.8519	31 CrMoV 9	244	266	300
1.8550	34 CrAlNi 7-10	366	400	450
1.8871	P460QH	30	32	36
1.8901	S 460 N	205	223	251
1.8905	P 460 N	144	157	177
1.8907	StE 500	179	195	219
1.8915	P460NL1	149	163	183
1.8928	S690QL	375	409	461
92145		48	53	59
92216		85	92	104
92421		195	212	239
92520		375	409	461
92523		316	345	388
0078 A		207	226	254
1 E 1286		90	98	111
1.1301-1.1302 mod		40	44	50
107-38MnV5		38	41	46
108-C40Mn		35	38	43
113-35CrB5		72	78	88
123-35MnCrB5		54	59	66
15CrNi6		380	415	467
18NCD4 RENAULT (C9)		269	294	331
18M		50	55	62
1DRB		85	92	104
1E0028		14	15	17
1E0359		11	12	13
1E0042		12	13	15
1E0361A/B/C/D		11	13	14
1E0447		67	73	83
1E0490		149	162	182
1E0509		128	140	157
1E0621		15	16	18
1E0669		14	15	17
1E0670		16	18	20

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E0686		16	18	20
1E0769		18	19	22
1E0778		136	148	167
1E0873		90	99	111
1E0951		91	99	111
1E0996		18	20	22
1E0997		96	105	118
1E1013		70	76	86
1E1054		159	174	195
1E1058		145	158	178
1E1120		94	103	116
1E1201		44	48	54
1E1239A		46	50	56
1E1239C		41	45	50
1E1239D		40	44	49
1E1239F		22	24	27
1E1239G		20	22	25
1E1239L		139	151	170
1E1239O		70	76	86
1E1286 - 1E1286B		90	99	111
1E1287		24	26	29
1E1482		30	33	37
1E1497		43	47	53
1E1632		41	44	50
1E1671		98	107	120
1E1848		128	140	157
1E1887		14	15	17
1E1901		60	65	73
1E1962		46	50	56
1E2757		418	456	513
1E2757 > 230		691	754	848
1E4146		145	158	178
1E4283		12	13	14
1E4336		442	482	543
1E4808		42	46	52
S355+V		25	27	31
1E1727		188	206	231
1E1371		252	275	309
1E1158		11	12	14
1E4787		469	511	575
15NICUMONB5		339	370	416
16NiCrMo12		725	791	890
20MNCr5F		150	163	184
20NiCr6		326	355	400
21CrMoV5.11		442	482	542
21CRMov5.7		339	370	416
22MnV6		90	98	110
23CrMoB3		153	167	188
23MCD5		156	170	191
23MnNiCrMo5.2		230	251	282
25CRNIMO2		278	303	341
27MnMoNiCr-AF		458	500	562
28 CDV5.08		399	436	490
30 Cr Si Mo V 663		245	267	301
30CRMov10F		343	374	421
30NiCrMoV7		504	550	619
33MB		20	22	25
33MNCrMOB5		88	96	108
33MnCrMoB5-2 - AF		109	119	133
35MB4-2		25	27	31
35MNB5		48	53	59
37MNCrMOB5		78	85	96
39MNCrB6		46	50	57
368.6		172	187	211
40-45CrMo4+Ni		226	247	277
4130M		168	184	206
AISI 4130H		150	164	185
41CrS4 Mod 27		104	113	127
42CrMo4 JMBK		171	187	210

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42CRMO4 MOD.		245	267	300
42CrMo4 PBK		150	164	184
42CrMo4+Ni+V		234	255	287
4330		550	600	675
4330V		710	775	872
43crnimo4.6		414	451	508
45SiCrV6		141	154	173
4M		95	104	117
47TS2		32	35	40
50CRNIMOV4		233	254	286
50NICR13		658	718	808
56NiCrMoV7		552	602	678
605M36		92	100	113
8630/vgs		364	397	446
86B45 H		185	201	227
86CrMoV7		195	212	239
92523 Crown Wheel		316	345	388
92523 Pinion		314	343	386
9310 H		712	776	873
A105/LF2/F52		38	42	47
A 1041 F		18	20	22
A182 F1		173	188	212
A182 F22 MOD.		438	478	538
A193 B16	ASTM	277	302	340
A193 B7		142	155	174
A320 L7		200	218	245
A350 LF2/A105		11	12	13
A694 F65		30	33	37
ABSBAIN20		199	217	245
ABSBAIN20Eco		170	186	209
ABSBAIN40		163	178	201
AAR GRADE F		67	73	82
AISI 4140 MOD.80/110KSI		149	163	183
AISI 4145 MOD. 125KSI		195	213	239
Aisi 4130 MOD. R		197	215	242
Aisi 4718		324	353	397
Aisi 4815		733	800	900
Aisi 8630 MOD		350	382	430
AISI 8720		212	232	260
AISI410		798	870	979
AMS 6418		518	565	635
B222-5		109	118	133
B222-6(4122 MOD)		95	104	117
B222-7		98	107	120
B222-8		191	208	235
B30		31	34	38
B46-1		382	416	468
B63-1		276	301	339
B63-2 (V2525-60)		266	290	326
B79		237	259	291
C38N2		35	38	43
C50+MO		24	26	29
D60SiMn5/ A1		63	69	77
F11		212	231	260
F22		426	464	523
F22 MOD		511	558	627
Grade 50R		216	236	265
HMS 60		358	391	440
ITM 129		36	40	45
JDM 4320		440	481	541
MTS 238 / SAE 1141/I		20	22	24
P420 QH		179	195	219
PS30 SAE 4715		341	372	419
PS55		603	658	740
PS65		62	68	76
RES 10460		33	36	40
RES166380		96	105	118
S1060		566	618	695
S460NL		117	127	143

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SA 508 Gr. 3		284	310	349
SA 765 Gr. 4		62	68	77
SAE 1017 MOD		27	30	33
SAE 4130 MOD2		214	234	263
SAE 4140		127	138	156
SAE 4320 JDM		455	496	558
SAE 4820		737	804	905
SAE 8620		202	220	248
SAE 8627H		196	214	241
SAE 8822H		229	249	281
STE460		97	106	120
STE 690		352	384	432
STE 690V		305	333	375
STE500/GSA10		53	58	65
ste890		513	560	630
Steel 9313		730	796	896
TK23F		147	160	180
TK28A		140	153	172
TS45.02		6	7	8
UC1		12	13	15
V 2525-50		281	307	345
V2525-70		271	296	333
V2527-70		401	438	492
V2905-95		27	29	33
V2906		29	31	35
V2908-95		35	38	42
VSCH CRNI 2525 HL		255	278	313
VSCH-CRNI(S)-2525-U/HH+		263	287	323
VSCH-MNCR(S)-2158-U-HM		112	122	137
VSCH-MNCR(S)-2158-U-HH		128	139	157
VW 4227		72	79	89
VW 4521		460	501	564
VW1427		48	52	59
X19NiCrMo4		933	1018	1145
X30Cr13		780	851	957
ZF 1		383	417	470
ZF 1 A		503	548	617
ZF 49		33	36	40
ZF 50		11	12	14
ZF 6		84	92	103
ZF 63		78	86	96
ZF 64		74	81	91
ZF 7 B		85	92	104