

**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 Giugno 2023- valid for June 2023 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/c s billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1	EN 10263	15	16	18
38 Cr 2	EN 10263-4	20	22	25
34 - 41Cr 4	EN 10263-4	33	35	40
25 - 42 CrMo 4	EN 10263-4	124	135	152
30 -40 NiCrMo 2	EN 10263	230	251	282
38 NiCrMo 4	EN 10263	274	299	337
34 CrNiMo 6	EN 10263-4	424	462	520
40 NiCrMo 7	EN 10263	465	507	570
Acciai da bonifica / Hardening and tempering steels				
QS1105200		12	13	15
41 Cr 4	EN 10083.1	33	36	41
36 CrMn 4	UNI 7847	34	38	42
51 CrV 4	EN 10083.1	64	70	79
25 - 42 CrMo 4	EN 10083.1	124	135	152
20-25 MoCr4		198	216	243
40 NiCrMo 2	EN 10083.1	211	230	259
36CrNiMo4	EN 10083.1	292	318	358
39 NiCrMo 3	EN 10083.1	273	298	335
40 NiCrMo 7	UNI 6926	469	512	576
30CrNiMo 8	EN 10083.1	608	663	746
30 NiCrMo 12		777	848	954
30 NiCrMoV 12	UNI 6787	809	883	993
36 NiCrMo 16	EN 10083.1	911	994	1118
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	33	36	41
20 MnCr 5	EN 10084	39	43	48
SAE 94B17		120	131	147
18 CrMo 4	EN 10084	112	122	138
12 NiCr 3		142	154	174
16 - 20 CrNi 4	EN 10084	213	233	262
16 NiCr 11	EN 10084	533	581	654
16 - 20 NiCrMo 2	EN 10084	203	221	249
18 NiCrMo 5	EN 10084	364	397	446
17 CrNiMo 6	EN 10084	477	521	586
18 NiCrMo 7	EN 10084	506	552	621
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	236	257	289
31 CrMoV 9	EN 10085	170	186	209
34 - 41CrAlMo 7	EN 10085	187	204	230
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	32	35	39
36 CrMn 4	UNI 7847	36	39	44
41 CrMo 4	UNI 7847	110	120	135
40 NiCrMo 3	UNI 7847	275	300	337

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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	225	245	276
14 CrMo 3	EN 10216	245	268	301
18 CrMoSi 4	EN 10222	261	284	320
11 CrMo 9 10	EN 10222.2	457	499	561
16 CrMo 20 5	EN 10216.2	341	372	418
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	661	721	811
X 12 Ni 09	EN10222-4	1697	1851	2082
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	41	45	51
100 CrMo 7	EN 683.17	147	160	180
100 CrMn 4	EN 683.17	31	33	38
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	30	32	37
60 SiCr 8	EN 10089	40	44	50
52 SiCrNi 5	EN 10089	157	172	193
45 SiCrMo 6	EN 10089	119	129	146
55 Cr 3	EN 10089	26	28	32
50 CrV 4	EN 10089	63	68	77
51 CrMoV 4	EN 10089	139	152	171
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	33	36	41
19 - 46 MnVS 6	EN 10267	35	38	43
38MnSiVS6		37	41	46
D25M6		40	43	49
48MnV3		26	29	32
Acciai vari / Other steels				
1.0038	S235JR	3	4	4
1.0432	C21	7	7	8
1.0460	P250GH	4	5	5
1.0482	19Mn5	15	16	18
1.0503	C45	4	5	5
1.0511	C40	4	5	5
1.0528	C30	4	5	5
1.0535	C55	5	5	6
1.0540	C50	5	5	6
1.0553	S355J0	12	13	15
1.0565	P355NH	8	9	10
1.0566	P355NL1	8	9	10
1.0570	S355J2G3	9	10	11
1.0577	S355J2	11	13	14
1.0715	11SMn30	8	8	9
1.0721	10S20	9	9	11
1.0726	35S20	9	10	11
1.0764	36SMn14	10	11	12
1.1108	10Mn4	10	11	13
1.1121	C10E	7	7	8
1.1127	38Mn6	13	15	16
1.1132	C15E2C	7	7	8
1.1140	C15R	6	7	8
1.1141	C15E	6	7	8
1.1160	22Mn6	15	16	18
1.1167	36Mn5	9	10	11
1.1181	C35E	7	8	9
1.1191	C45E/CK45	8	8	9
1.1197	25MnV5	22	24	27
1.1201	C45R	4	5	5
1.1206	C50E	5	5	6
1.1213	CF53	4	4	4
1.1219	C56E2	5	5	6
1.1221	C60E	8	9	10
1.1231	C67S	8	9	10
1.1236	C66D2	5	6	7
1.1241	C50R	5	5	6
1.1301	19MnVS6	33	36	41
1.1302	30MnVS6	35	38	43
1.1303	38MnVS6	36	40	45

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1.1304	46MnVD6	36	39	44
1.1305	46MnVS3	35	39	44
1.2007	70Cr2	24	26	29
1.2067	102Cr6	41	45	51
1.2242	59CrV4	51	56	63
1.2826	60MnSiCr4	26	29	32
1.3505	100Cr6	41	45	51
1.3520	100CrMnSi6-4	70	77	86
1.3531	16CrNiMo6	452	493	555
1.3536	100CrMo7-3	160	174	196
1.3537	100CrMo7	128	140	157
1.3538	100CrMo7-4	229	250	281
1.3539	100CrMnMoSi8-4-6	276	301	339
1.4021	X 20 Cr 13	323	353	397
1.4901	X10CrWMoVNB9-2	407	444	500
1.4903	X10CrMoVNB9-1	624	680	680
1.5066	30Mn5	12	13	15
1.5120	38MnSi4	20	21	24
1.5216	17MnV6	40	43	49
1.5217	20MnV6	39	43	48
1.5223	42MnV7	32	35	39
1.5231	38MnSiVS5	37	41	46
1.5232	27MnSiVS6	38	42	47
1.5233	44MnSiVS6	38	42	47
1.5243	42MnSiV3 – 3	34	37	42
1.5415	16Mo3	126	137	154
1.5423	16Mo5	221	241	272
1.5523	19MnB4	6	7	8
1.5526	30MNB4	14	15	17
1.5527	40MnB4	17	19	21
1.5532	38MnB5	8	9	10
1.5662	X 8 Ni 9	1695	1849	2081
1.5708	12NiCr3	138	151	169
1.5715	16NiCrS4	213	233	262
1.5752	15NiCr13	638	696	783
1.5810	18 NiCr 5-4	283	309	348
1.5918	17 CrNi 6-6	332	363	408
1.6510	39 NiCrMo 3	262	286	321
1.6511	36 CrNiMo 4	315	344	387
1.6522	20 NiCrMo 2	199	217	244
1.6523	20 NiCrMo 2-2	203	221	249
1.6526	20NiCrMoS2-2	200	219	246
1.6527	20NiCrMo3	246	268	302
1.6541	23 MnNiCrMo 5 2	222	242	272
1.6562	40 NiCrMo 8-4	510	556	626
1.6563	41 NiCrMo 7-3-2	469	512	576
1.6566	17 NiCrMo 6-4	364	397	446
1.6580	30 CrNiMo 8	608	663	746
1.6582	34 CrNiMo 6	444	485	545
1.6587	18 CrNiMo 7-6	477	521	586
1.6657	14 NiCrMo 13-4	786	858	965
1.6758	23 MnNiMoCr 5-4	425	464	521
1.6782	16NiCrMo12-6	736	803	904
1.6959	35 NiCrMoV 12-5	842	919	1034
1.7016	17Cr3	28	31	35
1.7033	34Cr4	33	36	41
1.7034	37Cr4	33	36	41
1.7035	41Cr4	33	36	41
1.7039	41CrS4	33	36	41
1.7043	38Cr4	33	36	41
1.7076	32CrB4	30	32	36
1.7077	36CrB4	31	34	39
1.7117	52SiCrNi5	157	172	193
1.7131	16 MnCr 5	34	37	41
1.7137	60 MnCrB 3	28	30	34
1.7139	16 MnCrS 5	34	37	41
1.7147	20 MnCr 5	39	43	48
1.7148	30MnCrB4-2	39	43	48
1.7149	20 MnCrS 5	39	43	48

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1.7160	16 MnCrB 5	30	33	37
1.7168	18 MnCrB 5	36	39	44
1.7176	55Cr3	31	34	38
1.7177	60Cr3	23	25	28
1.7182	27 MnCrB 5 2	19	20	23
1.7185	33 MnCrB 5 2	19	21	24
1.7213	25 CrMoS 4	120	131	148
1.7216	30 CrMo 4	120	131	147
1.7218	25CrMo4	124	135	152
1.7220	34 CrMo 4	124	135	152
1.7223	41 CrMo 4	124	135	152
1.7225	42CrMo4	124	135	152
1.7226	34 CrMoS 4	124	135	152
1.7227	42 CrMoS 4	124	135	152
1.7228	50 CrMo 4	124	135	152
1.7243	18 CrMo 4	112	122	138
1.7311	20CrMo2	160	175	197
1.7319	20 MoCrS 3	163	177	200
1.7321	20 MoCr 4	197	215	241
1.7323	20 MoCrS 4	197	215	241
1.7325	25 MoCr 4	198	216	243
1.7326	25 MoCrS 4	198	216	243
1.7335	13 CrMo 4-5	205	223	251
1.7337	16 CrMo 4-4	210	229	258
1.7362	X12CrMo5	338	369	415
1.7380	10 CrMo 9 10	455	496	558
1.7383	11 CrMo 9-10	455	497	559
1.7386	X 12 CrMo 9 1	630	688	774
1.7701	52CrMoV4	139	152	171
1.7765	32CrMoV12-10	521	569	640
1.8062	46SiCrMo6	129	141	158
1.8159	51CrV4	64	70	79
1.8161	58 CrV 4	60	65	73
1.8201	7CrWVMoNb9-6	168	184	207
1.8515	31 CrMo 12	233	255	286
1.8519	31 CrMoV 9	170	186	209
1.8550	34 CrAlNi 7-10	329	359	404
1.8871	P460QH	24	26	29
1.8901	S 460 N	222	242	272
1.8905	P 460 N	140	153	172
1.8907	StE 500	172	188	211
1.8915	P460NL1	145	158	178
1.8928	S690QL	364	397	446
92145		39	43	48
92216		39	43	48
92421		207	225	253
92520		364	397	446
92523,0		293	319	359
0078 A		188	205	231
1.1301-1.1302 mod		33	37	41
107-38MnV5		32	35	39
108-C40Mn		19	21	24
113-35CrB5		33	36	40
123-35MnCrB5		27	30	34
15CrNi6		326	356	401
18NCD4 RENAULT (C9)		238	259	292
18M		48	52	59
1DRB		62	67	76
15NICUMONB5		376	410	461
16NiCrMo12		733	800	900
20MNCR5F		112	122	137
20NiCr6		288	315	354
21CrMoV5.11		499	544	612
21CRMV5.7		352	384	432
22MnV6		75	82	92
23CrMoB3		151	165	185
23MCD5		118	129	145
23MnNiCrMo5.2		235	257	289
25CRNIMO2		289	316	355

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
27MnMoNiCr-AF		514	561	631
28 CDV5.08		422	460	518
30 Cr Si Mo V 663		187	204	229
30CRMV10F		290	317	356
30NiCrMoV7		513	559	629
33MB		12	14	15
33MNCRMOB5		79	86	97
33MnCrMoB5-2 - AF		104	114	128
35MB4-2		15	16	18
35MNB5		25	28	31
37MNCRMOB5		67	73	82
39MNCRB6		25	27	30
368.6		158	173	194
40-45CrMo4+Ni		208	227	255
4130M		157	171	192
4140 MOD		163	177	200
AISI 4130H		130	142	159
41CrS4 Mod 27		68	74	83
42CrMo4 JMBK		163	178	201
42CRMO4 MOD.		227	248	279
42CrMo4 PBK		133	145	163
42CrMo4+Ni+V		213	233	262
4330		566	617	694
4330V		737	804	904
43crnimo4.6		398	434	489
45CRNIS+MO		111	121	136
45SiCrV6		75	81	92
4M		75	82	92
47TS2		18	20	22
50CRNIMOV4		215	235	264
50NICR13		638	696	783
56NiCrMoV7		561	612	689
605M36		112	122	137
61CrSiV5		68	74	84
8630/vgs		372	406	456
86B45 H		182	199	223
86CrMoV7		151	165	186
90MnCrV8		46	50	56
92523 Crown Wheel		293	319	359
92523 Pinion		289	315	355
9310 H		687	749	843
9313,0		716	781	879
A105/LF2/F52		42	46	52
A 1041 F		13	14	16
A182 F1		225	245	276
A182 F22 MOD.		454	496	558
A182F22 MOD 2		490	535	601
A193 B16	ASTM	289	316	355
A193 B7		124	135	152
A320 L7		185	202	227
A350 LF2/A105		8	9	10
A694 F65		25	27	31
A707L3 CL.3		72	79	88
ABSBAIN20		148	162	182
ABSBAIN20Eco		122	133	149
ABSBAIN40		148	161	181
AAR GRADE F		64	70	78
AISI 4140 MOD.80/110KSI		133	145	163
AISI 4145 MOD. 125KSI		188	205	231
Aisi 4130 MOD. R		180	197	221
AISI 4130H/UNS H41300		109	119	134
Aisi 4718		342	373	420
Aisi 4815		765	834	939
Aisi 8630 MOD		358	391	439
AISI 8720		210	230	258
AISI410		355	387	435
AISI/SAE 4037 MOD		88	96	108
AMS 66320		230	251	283

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
AMS 6418		539	588	662
B222-5		98	107	121
B222-6(4122 MOD)		87	95	107
B222-7		90	98	110
B222-8		195	212	239
B30		18	19	22
B46-1		372	405	456
B63-1		241	263	296
B63-2 (V2525-60)		238	259	292
B79		247	270	304
C38N2		21	23	26
C38MNS6+AL		21	23	26
C50+MO		29	31	35
D60SiMn5/ A1		34	37	42
F11		216	235	265
F22		449	490	551
F22 MOD		525	573	644
Grade 50R		208	226	255
HMS 60		376	410	461
ITM 129		20	22	25
JDM 4320H		451	493	554
MTS 238 / SAE 1141/I		14	16	18
P420 QH		180	196	221
PS30 SAE 4715		370	404	454
PS55		657	716	806
PS65		30	32	36
RES 10460		12	13	14
RES166380		88	96	108
S1060		557	607	683
S460NL		108	118	133
S690QL1 1.8988		328	358	403
SA 508 Gr. 3		332	362	408
SA 765 Gr. 4		52	57	64
SAE 1017 MOD		15	16	18
SAE 4130 MOD2		197	214	241
SAE 4140		105	114	128
SAE 4320 JDM		466	508	572
SAE 4820		773	844	949
SAE 8620		203	221	249
SAE 8627H		194	212	238
SAE 8822H		241	263	296
STE460		89	97	110
STE 690		385	420	472
STE 690V		291	317	357
STE500/GSA10		45	49	55
ste890		504	550	619
Steel 9313		700	764	859
TK23F		127	138	156
TK28A		124	136	153
TS45.02		5	5	6
UC1		8	9	10
V 2525-50		263	287	323
V2525-70		238	259	292
V2527-70		352	384	432
V2905-95		23	25	28
V2906		24	26	29
V2908-95		21	23	26
VSCH CRNI 2525 HL		225	245	276
VSCH-CRNI(S)-2525-U/HH+		234	255	287
VSCH-MNCR(S)-2158-U-HM		69	75	84
VSCH-MNCR(S)-2158-U-HH		77	83	94
VW 4227		33	36	40
VW 4521		472	515	579
VW1427		39	43	48
X19NiCrMo4		919	1003	1128
X30Cr13		315	343	386
ZF 1		332	363	408
ZF 1 A		477	520	585

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ZF 49		29	32	36
ZF 50		8	8	10
ZF 6		53	58	65
ZF 63		35	39	43
ZF 64		33	36	41
ZF 7 B		39	43	48