

**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 Gennaio 2023- valid for January 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	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
<b>Acciai per bulloneria / Bolts and nuts steels</b>				
38 Cr 1	EN 10263	21	23	26
38 Cr 2	EN 10263-4	29	32	36
34 - 41Cr 4	EN 10263-4	48	52	59
25 - 42 CrMo 4	EN 10263-4	151	165	186
30 -40 NiCrMo 2	EN 10263	283	308	347
38 NiCrMo 4	EN 10263	341	372	418
34 CrNiMo 6	EN 10263-4	532	580	653
40 NiCrMo 7	EN 10263	580	633	712
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		16	18	20
41 Cr 4	EN 10083.1	49	53	60
36 CrMn 4	UNI 7847	50	55	62
51 CrV 4	EN 10083.1	82	90	101
25 - 42 CrMo 4	EN 10083.1	151	165	186
20-25 MoCr4		231	252	283
40 NiCrMo 2	EN 10083.1	259	282	318
36CrNiMo4	EN 10083.1	366	399	449
39 NiCrMo 3	EN 10083.1	339	370	416
40 NiCrMo 7	UNI 6926	585	638	718
30CrNiMo 8	EN 10083.1	759	828	932
30 NiCrMo 12		961	1048	1179
30 NiCrMoV 12	UNI 6787	997	1088	1224
36 NiCrMo 16	EN 10083.1	1144	1248	1403
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	49	53	60
20 MnCr 5	EN 10084	57	62	70
SAE 94B17		149	163	183
18 CrMo 4	EN 10084	138	151	169
12 NiCr 3		183	199	224
16 - 20 CrNi 4	EN 10084	275	300	338
16 NiCr 11	EN 10084	678	740	833
16 - 20 NiCrMo 2	EN 10084	249	272	306
18 NiCrMo 5	EN 10084	455	496	558
17 CrNiMo 6	EN 10084	598	652	733
18 NiCrMo 7	EN 10084	627	684	770
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	296	322	363
31 CrMoV 9	EN 10085	215	235	264
34 - 41CrAlMo 7	EN 10085	230	250	282
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	47	51	58
36 CrMn 4	UNI 7847	52	57	64
41 CrMo 4	UNI 7847	135	148	166
40 NiCrMo 3	UNI 7847	342	373	420

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	256	279	314
14 CrMo 3	EN 10216	287	313	353
18 CrMoSi 4	EN 10222	310	338	380
11 CrMo 9 10	EN 10222.2	540	589	662
16 CrMo 20 5	EN 10216.2	432	472	531
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	835	911	1025
X 12 Ni 09	EN10222-4	2143	2338	2630
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	62	67	76
100 CrMo 7	EN 683.17	184	201	226
100 CrMn 4	EN 683.17	45	49	55
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	41	45	51
60 SiCr 8	EN 10089	57	62	70
52 SiCrNi 5	EN 10089	207	225	254
45 SiCrMo 6	EN 10089	146	160	179
55 Cr 3	EN 10089	38	41	46
50 CrV 4	EN 10089	80	88	99
51 CrMoV 4	EN 10089	168	183	206
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	39	43	48
19 - 46 MnVS 6	EN 10267	41	45	51
38MnSiVS6		45	49	55
D25M6		48	53	59
48MnV3		30	33	37
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	4	5	5
1.0432	C21	9	10	11
1.0460	P250GH	5	6	7
1.0482	19Mn5	20	21	24
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	16	17	20
1.0565	P355NH	11	11	13
1.0566	P355NL1	11	12	13
1.0570	S355J2G3	11	12	14
1.0577	S355J2	15	16	18
1.0715	11SMn30	10	11	12
1.0721	10S20	11	12	14
1.0726	35S20	11	12	14
1.0764	36SMn14	12	14	15
1.1108	10Mn4	14	15	17
1.1121	C10E	9	10	11
1.1127	38Mn6	18	19	22
1.1132	C15E2C	9	10	11
1.1140	C15R	9	10	11
1.1141	C15E	9	10	11
1.1160	22Mn6	20	22	25
1.1167	36Mn5	11	12	14
1.1181	C35E	10	10	12
1.1191	C45E/CK45	10	11	13
1.1197	25MnV5	27	29	33
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	11	12	14
1.1231	C67S	11	12	14
1.1236	C66D2	7	8	9
1.1241	C50R	6	7	8
1.1301	19MnVS6	39	43	48
1.1302	30MnVS6	41	45	51
1.1303	38MnVS6	43	47	53

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.1304	46MnVD6	43	46	52
1.1305	46MnVS3	41	45	51
1.2007	70Cr2	34	38	42
1.2067	102Cr6	62	67	76
1.2242	59CrV4	68	75	84
1.2826	60MnSiCr4	37	40	45
1.3505	100Cr6	62	67	76
1.3520	100CrMnSi6-4	99	108	122
1.3531	16CrNiMo6	565	617	694
1.3536	100CrMo7-3	199	217	244
1.3537	100CrMo7	163	177	200
1.3538	100CrMo7-4	278	303	341
1.3539	100CrMnMoSi8-4-6	333	364	409
1.4021	X 20 Cr 13	485	530	596
1.4901	X10CrWMoVNB9-2	1225	1278	1503
1.4903	X10CrMoVNB9-1	806	879	989
1.5066	30Mn5	16	18	20
1.5120	38MnSi4	27	29	33
1.5216	17MnV6	46	50	56
1.5217	20MnV6	45	49	56
1.5223	42MnV7	37	41	46
1.5231	38MnSiVS5	45	49	55
1.5232	27MnSiVS6	46	50	57
1.5233	44MnSiVS6	46	50	57
1.5243	42MnSiV3 - 3	48	53	59
1.5415	16Mo3	144	157	177
1.5423	16Mo5	251	274	308
1.5523	19MnB4	8	9	10
1.5526	30MNB4	19	21	23
1.5527	40MnB4	24	26	30
1.5532	38MnB5	11	12	13
1.5662	X 8 Ni 9	2141	2336	2628
1.5708	12NiCr3	178	194	218
1.5715	16NiCrS4	275	300	338
1.5752	15NiCr13	812	885	996
1.5810	18 NiCr 5-4	364	397	447
1.5918	17 CrNi 6-6	429	468	527
1.6510	39 NiCrMo 3	325	355	399
1.6511	36 CrNiMo 4	393	428	482
1.6522	20 NiCrMo 2	244	266	299
1.6523	20 NiCrMo 2-2	249	272	306
1.6526	20NiCrMoS2-2	246	269	302
1.6527	20NiCrMo3	303	331	372
1.6541	23 MnNiCrMo 5 2	270	295	332
1.6562	40 NiCrMo 8-4	631	689	775
1.6563	41 NiCrMo 7-3-2	585	638	718
1.6566	17 NiCrMo 6-4	455	496	558
1.6580	30 CrNiMo 8	759	828	932
1.6582	34 CrNiMo 6	558	609	685
1.6587	18 CrNiMo 7-6	598	652	733
1.6657	14 NiCrMo 13-4	987	1076	1211
1.6758	23 MnNiMoCr 5-4	511	558	627
1.6782	16NiCrMo12-6	918	1002	1127
1.6959	35 NiCrMoV 12-5	1039	1133	1275
1.7016	17Cr3	42	45	51
1.7033	34Cr4	49	53	60
1.7034	37Cr4	49	53	60
1.7035	41Cr4	49	53	60
1.7039	41CrS4	49	53	60
1.7043	38Cr4	49	53	60
1.7076	32CrB4	44	48	54
1.7077	36CrB4	46	51	57
1.7117	52SiCrNi5	207	225	254
1.7131	16 MnCr 5	49	53	60
1.7137	60 MnCrB 3	41	44	50
1.7139	16 MnCrS 5	49	53	60
1.7147	20 MnCr 5	57	62	70
1.7148	30MnCrB4-2	57	62	70
1.7149	20 MnCrS 5	57	62	70

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1.7160	16 MnCrB 5	43	47	53
1.7168	18 MnCrB 5	52	57	64
1.7176	55Cr3	45	49	56
1.7177	60Cr3	34	37	42
1.7182	27 MnCrB 5 2	26	29	32
1.7185	33 MnCrB 5 2	27	30	33
1.7213	25 CrMoS 4	146	160	180
1.7216	30 CrMo 4	146	159	179
1.7218	25CrMo4	151	165	186
1.7220	34 CrMo 4	151	165	186
1.7223	41 CrMo 4	151	165	186
1.7225	42CrMo4	151	165	186
1.7226	34 CrMoS 4	151	165	186
1.7227	42 CrMoS 4	151	165	186
1.7228	50 CrMo 4	151	165	186
1.7243	18 CrMo 4	138	151	169
1.7311	20CrMo2	189	206	231
1.7319	20 MoCrS 3	193	210	237
1.7321	20 MoCr 4	228	249	280
1.7323	20 MoCrS 4	228	249	280
1.7325	25 MoCr 4	231	252	283
1.7326	25 MoCrS 4	231	252	283
1.7335	13 CrMo 4-5	241	263	296
1.7337	16 CrMo 4-4	249	272	305
1.7362	X12CrMo5	428	467	525
1.7380	10 CrMo 9 10	537	585	659
1.7383	11 CrMo 9-10	537	586	659
1.7386	X 12 CrMo 9 1	803	876	985
1.7701	52CrMoV4	168	183	206
1.7765	32CrMoV12-10	615	671	755
1.8062	46SiCrMo6	158	173	194
1.8159	51CrV4	82	90	101
1.8161	58 CrV 4	77	84	95
1.8201	7CrWVMoNb9-6	208	227	256
1.8515	31 CrMo 12	292	319	359
1.8519	31 CrMoV 9	215	235	264
1.8550	34 CrAlNi 7-10	416	454	510
1.8871	P460QH	29	31	35
1.8901	S 460 N	261	285	321
1.8905	P 460 N	176	193	217
1.8907	StE 500	217	237	266
1.8915	P460NL1	181	198	222
1.8928	S690QL	455	496	558
92145		46	50	57
92216		57	62	70
92421		243	265	298
92520		455	496	558
92523		369	403	453
0078 A		231	251	283
1.1301-1.1302 mod		39	43	48
107-38MnV5		37	40	45
108-C40Mn		27	30	33
113-35CrB5		48	52	59
123-35MnCrB5		39	43	48
15CrNi6		423	461	519
18NCD4 RENAULT (C9)		306	334	376
18M		55	60	68
1DRB		79	86	97
15NICUMONB5		456	498	560
16NiCrMo12		915	998	1123
20MNCR5F		145	159	178
20NiCr6		372	405	456
21CrMoV5.11		573	625	703
21CRMov5.7		409	446	502
22MnV6		92	101	113
23CrMoB3		180	197	221
23MCD5		152	166	187
23MnNiCrMo5.2		288	314	353
25CRNIMO2		351	383	431

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
27MnMoNiCr-AF		611	666	749
28 CDV5.08		491	536	603
30 Cr Si Mo V 663		234	255	287
30CRMOV10F		353	385	433
30NiCrMoV7		633	690	776
33MB		17	18	21
33MNCRMOB5		97	105	118
33MnCrMoB5-2 - AF		125	137	154
35MB4-2		20	22	25
35MNB5		36	39	44
37MNCRMOB5		82	90	101
39MNCRB6		35	38	42
368.6		199	217	244
40-45CrMo4+Ni		258	281	317
4130M		189	206	232
AISI 4130H		158	172	194
41CrS4 Mod 27		89	97	109
42CrMo4 JMBK		196	214	241
42CRMO4 MOD.		281	307	345
42CrMo4 PBK		162	177	199
42CrMo4+Ni+V		262	286	322
4330		695	758	852
4330V		906	988	1112
43crnimo4.6		499	544	612
45SiCrV6		103	112	126
4M		94	103	116
47TS2		25	27	31
50CRNIMOV4		264	287	323
50NICR13		812	885	996
56NiCrMoV7		688	751	845
605M36		129	141	158
8630/vgs		453	494	556
86B45 H		224	244	274
86CrMoV7		188	205	230
92523 Crown Wheel		369	403	453
92523 Pinion		366	399	449
9310 H		870	949	1068
A105/LF2/F52		50	54	61
A 1041 F		17	19	21
A182 F1		256	279	314
A182 F22 MOD.		536	585	658
A193 B16	ASTM	334	364	410
A193 B7		151	165	186
A320 L7		228	248	279
A350 LF2/A105		11	12	13
A694 F65		29	32	36
ABSBAIN20		185	202	227
ABSBAIN20Eco		157	171	192
ABSBAIN40		180	196	220
AAR GRADE F		79	87	97
AISI 4140 MOD.80/110KSI		162	177	199
AISI 4145 MOD. 125KSI		225	246	277
Aisi 4130 MOD. R		223	243	273
AISI 4130H/UNS H41300		134	146	164
Aisi 4718		418	456	513
Aisi 4815		952	1039	1169
Aisi 8630 MOD		437	477	537
AISI 8720		259	283	318
AISI410		523	571	642
AMS 6418		665	726	816
B222-5		119	130	147
B222-6(4122 MOD)		106	115	130
B222-7		109	119	133
B222-8		233	254	286
B30		25	27	30
B46-1		464	507	570
B63-1		311	339	382
B63-2 (V2525-60)		301	329	370

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
B79		300	327	368
C38N2		29	32	36
C50+MO		33	36	40
D60SiMn5/ A1		48	53	59
F11		256	279	314
F22		528	576	648
F22 MOD		626	683	768
Grade 50R		252	275	309
HMS 60		436	475	535
ITM 129		28	31	35
MTS 238 / SAE 1141/I		19	21	23
P420 QH		223	243	273
PS30 SAE 4715		445	486	547
PS55		796	869	977
PS65		43	47	52
RES 10460		29	31	35
RES166380		107	116	131
S1060		693	756	851
S460NL		138	151	169
S690QL1 1.8988		412	450	506
SA 508 Gr. 3		394	430	484
SA 765 Gr. 4		66	72	81
SAE 1017 MOD		21	22	25
SAE 4130 MOD2		242	264	297
SAE 4140		129	141	159
SAE 4320 JDM		579	632	711
SAE 4820		965	1052	1184
SAE 8620		249	272	306
SAE 8627H		239	261	294
SAE 8822H		291	317	357
STE460		107	116	131
STE 690		461	503	566
STE 690V		361	394	443
STE500/GSA10		52	56	63
ste890		629	686	772
Steel 9313		888	968	1089
TK23F		164	179	201
TK28A		158	173	194
TS45.02		6	7	8
UC1		11	12	14
V 2525-50		330	360	404
V2525-70		306	334	376
V2527-70		453	494	555
V2905-95		26	28	32
V2906		28	30	34
V2908-95		29	32	36
VSCH CRNI 2525 HL		288	314	353
VSCH-CRNI(S)-2525-U/HH+		301	328	369
VSCH-MNCR(S)-2158-U-HM		94	103	115
VSCH-MNCR(S)-2158-U-HH		105	115	129
VW 4227		48	52	59
VW 4521		583	636	716
VW1427		46	50	57
X19NiCrMo4		1159	1264	1422
X30Cr13		476	520	584
ZF 1		429	468	527
ZF 1 A		596	650	732
ZF 49		32	35	39
ZF 50		10	11	13
ZF 6		70	77	86
ZF 63		52	57	64
ZF 64		49	53	60
ZF 7 B		57	62	70