

**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 Dicembre 2021- valid for December 2021 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
<b>Acciai per bulloneria / Bolts and nuts steels</b>				
38 Cr 1 KB	EN 10263	35	40	44
38 Cr 2 KB	EN 10263-4	43	48	54
34 - 41Cr 4 KB	EN 10263-4	56	63	70
25 - 42 CrMo 4 KB	EN 10263-4	135	152	168
30 -40 NiCrMo 2 KB	EN 10263	215	242	269
38 NiCrMo 4 KB	EN 10263	251	282	313
34 CrNiMo 6 KB	EN 10263-4	375	422	469
40 NiCrMo 7 KB	EN 10263	402	453	503
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		42	48	53
41 Cr 4	EN 10083.1	58	65	73
36 CrMn 4	UNI 7847	62	70	78
51 CrV 4	EN 10083.1	88	99	110
25 - 42 CrMo 4	EN 10083.1	135	152	168
20-25 MoCr4		194	219	243
40 NiCrMo 2	EN 10083.1	200	225	250
36CrNiMo4	EN 10083.1	265	298	331
39 NiCrMo 3	EN 10083.1	249	280	312
40 NiCrMo 7	UNI 6926	405	456	507
30CrNiMo 8	EN 10083.1	529	595	661
30 NiCrMo 12		654	736	818
30 NiCrMoV 12	UNI 6787	681	766	851
36 NiCrMo 16	EN 10083.1	763	859	954
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	64	72	80
20 MnCr 5	EN 10084	73	82	91
SAE 94B17		127	143	159
18 CrMo 4	EN 10084	125	140	156
12 NiCr 3		135	152	169
16 - 20 CrNi 4	EN 10084	201	226	251
16 NiCr 11	EN 10084	448	504	560
16 - 20 NiCrMo 2	EN 10084	193	217	241
18 NiCrMo 5	EN 10084	323	364	404
17 CrNiMo 6	EN 10084	424	477	530
18 NiCrMo 7	EN 10084	436	491	545
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	241	271	301
31 CrMoV 9	EN 10085	183	206	229
34 - 41CrAlMo 7	EN 10085	196	221	245
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	57	64	71
36 CrMn 4	UNI 7847	64	72	80
41 CrMo 4	UNI 7847	121	137	152
40 NiCrMo 3	UNI 7847	250	281	313

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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	210	237	263
14 CrMo 3	EN 10216	233	262	291
18 CrMoSi 4	EN 10222	271	304	338
11 CrMo 9 10	EN 10222.2	428	482	536
16 CrMo 20 5	EN 10216.2	342	384	427
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	532	599	665
X 12 Ni 09	EN10222-4	1357	1527	1697
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	62	70	78
100 CrMo 7	EN 683.17	154	173	192
100 CrMn 4	EN 683.17	50	56	63
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	113	127	141
60 SiCr 8	EN 10089	134	151	168
52 SiCrNi 5	EN 10089	204	230	255
45 SiCrMo 6	EN 10089	180	202	225
55 Cr 3	EN 10089	49	55	61
50 CrV 4	EN 10089	87	98	108
51 CrMoV 4	EN 10089	153	172	191
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	68	76	84
19 - 46 MnVS 6	EN 10267	73	82	91
38MnSiVS6		82	93	103
D25M6		71	79	88
48MnV3		47	53	59
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	10	12	13
1.0432	C21	22	24	27
1.0460	P250GH	13	15	17
1.0482	19Mn5	51	58	64
1.0503	C45	13	15	17
1.0511	C40	13	15	17
1.0528	C30	13	15	17
1.0535	C55	15	17	19
1.0540	C50	15	17	19
1.0553	S355J0	41	46	51
1.0565	P355NH	26	29	33
1.0566	P355NL1	26	30	33
1.0570	S355J2G3	28	31	35
1.0577	S355J2	38	43	48
1.0715	11SMn30	24	27	30
1.0721	10S20	30	33	37
1.0726	35S20	21	24	27
1.0764	36SMn14	31	35	39
1.1108	10Mn4	35	39	43
1.1121	C10E	25	28	31
1.1127	38Mn6	45	51	57
1.1132	C15E2C	24	27	30
1.1140	C15R	23	26	29
1.1141	C15E	23	26	29
1.1160	22Mn6	45	51	57
1.1167	36Mn5	28	31	35
1.1181	C35E	25	28	31
1.1191	C45E/CK45	27	30	34
1.1197	25MnV5	50	57	63
1.1201	C45R	13	15	17
1.1206	C50E	15	17	19
1.1213	CF53	11	13	14
1.1219	C56E2	15	17	19
1.1221	C60E	29	33	37
1.1231	C67S	29	33	37
1.1236	C66D2	19	22	24
1.1241	C50R	15	17	19
1.1301	19MnVS6	68	76	84
1.1302	30MnVS6	73	82	91
1.1303	38MnVS6	75	84	93

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.1304	46MnVD6	73	82	91
1.1305	46MnVS3	64	72	80
1.2007	70Cr2	48	54	60
1.2067	102Cr6	62	70	78
1.2242	59CrV4	77	87	97
1.2826	60MnSiCr4	79	89	99
1.3505	100Cr6	62	70	78
1.3520	100CrMnSi6-4	113	127	141
1.3531	16CrNiMo6	387	435	483
1.3536	100CrMo7-3	172	194	215
1.3537	100CrMo7	140	157	175
1.3538	100CrMo7-4	231	260	289
1.3539	100CrMnMoSi8-4-6	284	320	355
1.4021	X 20 Cr 13	395	444	493
1.4901	X10CrWMoVNB9-2	1094	1153	1367
1.4903	X10CrMoVNB9-1	640	720	799
1.5066	30Mn5	42	47	52
1.5120	38MnSi4	72	81	90
1.5216	17MnV6	72	80	89
1.5217	20MnV6	70	79	88
1.5223	42MnV7	65	73	81
1.5231	38MnSiVS5	82	93	103
1.5232	27MnSiVS6	83	93	104
1.5233	44MnSiVS6	83	93	104
1.5243	42MnSiV3 - 3	95	107	119
1.5415	16Mo3	126	142	158
1.5423	16Mo5	197	221	246
1.5523	19MnB4	20	23	25
1.5526	30MNB4	30	34	38
1.5527	40MnB4	44	50	55
1.5532	38MnB5	27	30	33
1.5662	X 8 Ni 9	1353	1522	1692
1.5708	12NiCr3	121	136	152
1.5715	16NiCrS4	201	226	251
1.5752	15NiCr13	533	600	666
1.5810	18 NiCr 5-4	246	276	307
1.5918	17 CrNi 6-6	288	324	360
1.6510	39 NiCrMo 3	229	257	286
1.6511	36 CrNiMo 4	274	308	342
1.6522	20 NiCrMo 2	178	200	222
1.6523	20 NiCrMo 2-2	191	214	238
1.6526	20NiCrMoS2-2	180	203	225
1.6527	20NiCrMo3	215	242	269
1.6541	23 MnNiCrMo 5 2	205	230	256
1.6562	40 NiCrMo 8-4	443	499	554
1.6563	41 NiCrMo 7-3-2	405	456	507
1.6566	17 NiCrMo 6-4	323	364	404
1.6580	30 CrNiMo 8	529	595	661
1.6582	34 CrNiMo 6	353	397	441
1.6587	18 CrNiMo 7-6	424	477	530
1.6657	14 NiCrMo 13-4	654	736	818
1.6758	23 MnNiMoCr 5-4	372	418	465
1.6782	16NiCrMo12-6	619	697	774
1.6959	35 NiCrMoV 12-5	712	802	891
1.7016	17Cr3	53	59	66
1.7033	34Cr4	58	65	73
1.7034	37Cr4	58	65	73
1.7035	41Cr4	58	65	73
1.7039	41CrS4	58	65	73
1.7043	38Cr4	58	65	73
1.7076	32CrB4	44	50	55
1.7077	36CrB4	48	54	60
1.7117	52SiCrNi5	204	230	255
1.7131	16 MnCr 5	65	73	81
1.7137	60 MnCrB 3	53	59	66
1.7139	16 MnCrS 5	65	73	81
1.7147	20 MnCr 5	73	82	91
1.7148	30MnCrB4-2	73	82	91
1.7149	20 MnCrS 5	73	82	91

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1.7160	16 MnCrB 5	50	56	62
1.7168	18 MnCrB 5	66	75	83
1.7176	55Cr3	63	71	78
1.7177	60Cr3	38	43	48
1.7182	27 MnCrB 5 2	38	43	48
1.7185	33 MnCrB 5 2	40	45	50
1.7213	25 CrMoS 4	119	134	149
1.7216	30 CrMo 4	124	140	155
1.7218	25CrMo4	135	152	168
1.7220	34 CrMo 4	135	152	168
1.7223	41 CrMo 4	135	152	168
1.7225	42CrMo4	135	152	168
1.7226	34 CrMoS 4	135	152	168
1.7227	42 CrMoS 4	135	152	168
1.7228	50 CrMo 4	135	152	168
1.7243	18 CrMo 4	125	140	156
1.7311	20CrMo2	161	182	202
1.7319	20 MoCrS 3	169	190	212
1.7321	20 MoCr 4	192	216	239
1.7323	20 MoCrS 4	192	216	239
1.7325	25 MoCr 4	194	219	243
1.7326	25 MoCrS 4	194	219	243
1.7335	13 CrMo 4-5	198	223	248
1.7337	16 CrMo 4-4	206	232	258
1.7362	X12CrMo5	330	371	412
1.7380	10 CrMo 9 10	420	473	525
1.7383	11 CrMo 9-10	421	474	526
1.7386	X 12 CrMo 9 1	638	718	798
1.7701	52CrMoV4	153	172	191
1.7765	32CrMoV12-10	481	541	601
1.8062	46SiCrMo6	189	212	236
1.8159	51CrV4	88	99	110
1.8161	58 CrV 4	85	96	106
1.8201	7CrWVMoNb9-6	167	187	208
1.8515	31 CrMo 12	228	257	285
1.8519	31 CrMoV 9	183	206	229
1.8550	34 CrAlNi 7-10	289	325	361
1.8871	P460QH	55	62	68
1.8901	S 460 N	220	247	275
1.8905	P 460 N	150	169	187
1.8907	StE 500	178	200	223
1.8915	P460NL1	162	182	202
1.8928	S690QL	323	364	404
92145		76	86	96
92216		73	82	91
92421		205	231	256
92520		323	364	404
92523		268	302	335
0078 A		187	211	234
1 E 1286		76	85	94
1.1301-1.1302 mod		63	71	79
107-38MnV5		54	61	67
108-C40Mn		51	57	63
113-35CrB5		59	66	73
123-35MnCrB5		62	70	77
15CrNi6		292	328	365
18NCD4 RENAULT (C9)		223	251	279
18M		76	85	95
1DRB		91	102	114
1E0042		29	33	37
1E 0509		125	140	156
1E 0621		36	41	46
1E 0669		33	38	42
1E 0686		40	45	50
1E 0769		43	48	54
1E 0778		136	153	170
1E 0951		102	114	127
1E0997		108	122	136
1E 1054		158	178	198

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 836\1E 1120		113	128	142
1E1058		139	156	173
1E1286 - 1E1286B		76	85	95
1E1497		58	65	72
16NiCrMo12		619	697	774
20MNCr5F		132	148	165
20NiCr6		262	295	327
21CrMoV5.11		451	508	564
22MnV6		102	114	127
23CrMoB3		157	177	196
23MCD5		138	155	172
23MnNiCrMo5.2		227	255	284
25CRNIMO2		274	308	342
28 CDV5.08		402	453	503
30 Cr Si Mo V 663		249	280	311
30CRM0V10F		272	306	340
30NiCrMoV7		442	498	553
33MNCrMOB5		102	115	128
35MNB5		59	66	73
37MNCrMOB5		89	101	112
39MNCrB6		59	66	74
368.6		161	181	201
40-45CrMo4+Ni		202	227	252
41CrS4 Mod 27		91	102	114
42CrMo4 JMBK		168	189	210
42CRM04 MOD.		219	247	274
42CrMo4 PBK		142	159	177
42CrMo4+Ni+V		208	235	261
4330V		492	553	615
43crnimo4.6		352	396	440
4M		93	105	117
47TS2		48	54	60
50NICR13		533	600	666
56NiCrMoV7		489	550	612
605M36		128	144	160
8630/vgs		343	386	428
86B45 H		179	202	224
86CrMoV7		158	178	198
92523 Crown Wheel		268	302	335
92523 Pinion		266	299	332
A 1041 F		45	50	56
A182 F1		210	236	262
A182 F22 MOD.		416	468	521
A193 B16	ASTM	273	307	342
A193 B7		135	152	168
A320 L7		185	208	231
A694 F65		51	57	64
AISI 4140 MOD.80/110KSI		145	163	181
AISI 4145 MOD. 125KSI		196	220	245
Aisi 4130 MOD. R		180	202	224
Aisi 4718		307	346	384
Aisi 4815		632	711	790
Aisi 8630 MOD		326	366	407
AISI 8720		199	224	249
AISI410		391	440	489
AMS 6418		525	591	657
B222-5		117	132	147
B222-6(4122 MOD)		105	118	131
B222-7		108	122	135
B222-8		195	219	243
B30		47	53	59
B46-1		331	372	414
B63-1		221	248	276
B63-2 (V2525-60)		221	248	276
B79		232	261	290
C50+MO		35	40	44
D60SiMn5/ A1		95	107	119
F11		218	245	272
F22		403	453	504

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
F22 MOD		474	533	593
Grade 50R		203	228	253
HMS 60		350	394	437
ITM 129		54	60	67
JDM 4320		385	433	482
MTS 238 / SAE 1141/I		49	55	61
P420 QH		179	202	224
PS30 SAE 4715		330	372	710
PS55		568	639	
PS65		58	66	73
RES 10460		64	72	80
RES166380		108	122	136
S1060		491	553	614
S460NL		109	122	136
SA 508 Gr. 3		307	345	383
SA 765 Gr. 4		75	85	94
SAE 1017 MOD		37	42	47
SAE 4130 MOD		191	215	239
SAE 4320 JDM		400	450	500
SAE 4820		639	719	799
SAE 8620		193	217	241
SAE 8627H		185	208	232
SAE 8822H		228	256	285
STE460		110	124	138
STE 690		333	375	416
STE 690V		280	315	350
STE500/GSA10		77	87	97
ste890		442	497	553
Steel 9313		592	666	740
TK23F		135	152	169
TK28A		137	154	171
TS45.02		15	17	19
UC1		29	33	37
V 2525-50		242	272	302
V2525-70		216	242	269
V2527-70		314	354	393
V2905-95		40	44	49
V2906		46	51	57
V2908-95		67	75	84
VSCH CRNI 2525 HL		209	235	261
VSCH-CRNI(S)-2525-U/HH+		207	233	259
VSCH-MNCR(S)-2158-U-HM		82	93	103
VSCH-MNCR(S)-2158-U-HH		105	118	131
VW 4227		55	61	68
VW 4521		397	447	497
VW1427		76	86	95
X19NiCrMo4		717	806	896
X30Cr13		387	435	483
ZF 1		288	324	360
ZF 1 A		425	478	531
ZF 49		38	43	48
ZF 50		27	31	34
ZF 6		80	90	100
ZF 63		63	71	79
ZF 64		59	66	73
ZF 7 B		73	82	91