

**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 Febbraio 2020 - valid for February 2020 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	6	7	9
38 Cr 2 KB	EN 10263-4	8	9	11
34 - 41Cr 4 KB	EN 10263-4	12	13	17
25 - 42 CrMo 4 KB	EN 10263-4	37	42	54
30 -40 NiCrMo 2 KB	EN 10263	94	106	137
38 NiCrMo 4 KB	EN 10263	115	129	167
34 CrNiMo 6 KB	EN 10263-4	185	208	269
40 NiCrMo 7 KB	EN 10263	208	234	303
Acciai da bonifica / Hardening and tempering steels				
QS1105200		6	7	9
41 Cr 4	EN 10083.1	12	14	18
36 CrMn 4	UNI 7847	13	15	19
51 CrV 4	EN 10083.1	22	25	32
25 - 42 CrMo 4	EN 10083.1	37	42	54
20-25 MoCr4		57	64	83
40 NiCrMo 2	EN 10083.1	84	95	123
36CrNiMo4	EN 10083.1	126	142	184
39 NiCrMo 3	EN 10083.1	114	129	166
40 NiCrMo 7	UNI 6926	210	237	307
30CrNiMo 8	EN 10083.1	262	294	381
30 NiCrMo 12		343	386	500
30 NiCrMoV 12	UNI 6787	355	399	517
36 NiCrMo 16	EN 10083.1	420	472	611
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	13	15	19
20 MnCr 5	EN 10084	15	17	22
SAE 94B17		49	55	71
18 CrMo 4	EN 10084	34	38	49
12 NiCr 3		69	77	100
16 - 20 CrNi 4	EN 10084	104	117	151
16 NiCr 11	EN 10084	265	298	386
16 - 20 NiCrMo 2	EN 10084	82	92	119
18 NiCrMo 5	EN 10084	161	181	235
17 CrNiMo 6	EN 10084	204	230	297
18 NiCrMo 7	EN 10084	219	246	319
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	70	79	101
31 CrMoV 9	EN 10085	52	59	75
34 - 41CrAlMo 7	EN 10085	55	62	80
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	12	13	17
36 CrMn 4	UNI 7847	13	15	19
41 CrMo 4	UNI 7847	33	37	48
40 NiCrMo 3	UNI 7847	117	131	170

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	63	71	92
14 CrMo 3	EN 10216	70	79	102
18 CrMoSi 4	EN 10222	75	84	108
11 CrMo 9 10	EN 10222.2	130	146	188
16 CrMo 20 5	EN 10216.2	101	114	146
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	334	375	487
X 12 Ni 09	EN10222-4	856	963	1248
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	14	16	20
100 CrMo 7	EN 683.17	44	49	63
100 CrMn 4	EN 683.17	12	14	18
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	10	11	15
60 SiCr 8	EN 10089	14	15	20
52 SiCrNi 5	EN 10089	72	81	105
45 SiCrMo 6	EN 10089	35	39	51
55 Cr 3	EN 10089	10	11	15
50 CrV 4	EN 10089	22	24	31
51 CrMoV 4	EN 10089	43	48	62
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	13	15	19
19 - 46 MnVS 6	EN 10267	13	15	20
38MnSiVS6		14	16	21
D25M6		16	17	23
48MnV3		10	11	14
Acciai vari / Other steels				
1.0038	S235JR	3	3	4
1.0432	C21	5	6	8
1.0460	P250GH	3	3	4
1.0482	19Mn5	7	8	10
1.0503	C45	3	3	4
1.0511	C40	3	3	4
1.0528	C30	3	3	4
1.0535	C55	4	4	6
1.0540	C50	3	4	5
1.0553	S355J0	7	8	10
1.0565	P355NH	6	7	9
1.0566	P355NL1	5	6	8
1.0570	S355J2G3	6	6	8
1.0577	S355J2	6	7	9
1.0721	10S20	5	5	7
1.0726	35S20	5	5	7
1.0764	36SMn14	6	7	9
1.1108	10Mn4	6	6	8
1.1127	38Mn6	7	8	11
1.1132	C15E2C	3	3	4
1.1140	C15R	3	3	4
1.1141	C15E	3	3	4
1.1160	22Mn6	8	9	11
1.1167	36Mn5	6	6	8
1.1181	C35E	3	4	5
1.1191	C45E/CK45	4	4	5
1.1197	25MnV5	9	10	13
1.1201	C45R	3	3	4
1.1206	C50E	3	4	5
1.1213	CF53	2	3	3
1.1219	C56E2	3	4	5
1.1231	C67S	4	5	6
1.1236	C66D2	2	3	4
1.1241	C50R	3	4	5
1.1301	19MnVS6	13	15	19
1.1302	30MnVS6	13	15	20
1.1303	38MnVS6	14	16	20
1.1304	46MnVD6	14	16	20
1.1305	46MnVS3	12	14	18

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1.2007	70Cr2	9	11	13
1.2067	102Cr6	14	16	20
1.2242	59CrV4	18	21	26
1.2826	60MnSiCr4	10	11	15
1.3505	100Cr6	14	16	20
1.3520	100CrMnSi6-4	28	32	41
1.3531	16CrNiMo6	194	219	283
1.3536	100CrMo7-3	48	54	69
1.3537	100CrMo7	38	43	55
1.3538	100CrMo7-4	67	75	97
1.3539	100CrMnMoSi8-4-6	81	91	117
1.4903	X10CrMoVNB9-1	210	236	304
1.5066	30Mn5	7	7	10
1.5120	38MnSi4	8	9	12
1.5216	17MnV6	15	17	22
1.5217	20MnV6	15	17	22
1.5223	42MnV7	13	15	20
1.5231	38MnSiVS5	14	16	21
1.5232	27MnSiVS6	15	16	21
1.5233	44MnSiVS6	15	16	21
1.5415	16Mo3	36	40	52
1.5423	16Mo5	62	70	91
1.5523	19MnB4	4	5	6
1.5526	30MNB4	7	8	10
1.5527	40MnB4	8	9	11
1.5532	38MnB5	5	6	8
1.5662	X 8 Ni 9	855	962	1247
1.5708	12NiCr3	68	76	99
1.5715	16NiCrS4	104	117	151
1.5752	15NiCr13	318	358	463
1.5810	18 NiCr 5-4	139	157	203
1.5918	17 CrNi 6-6	162	182	235
1.6510	39 NiCrMo 3	111	125	162
1.6511	36 CrNiMo 4	135	152	196
1.6522	20 NiCrMo 2	81	91	118
1.6523	20 NiCrMo 2-2	82	92	119
1.6526	20NiCrMoS2-2	81	92	118
1.6527	20NiCrMo3	104	118	152
1.6541	23 MnNiCrMo 5 2	88	99	129
1.6562	40 NiCrMo 8-4	222	249	323
1.6563	41 NiCrMo 7-3-2	210	237	307
1.6566	17 NiCrMo 6-4	161	181	235
1.6580	30 CrNiMo 8	262	294	381
1.6582	34 CrNiMo 6	181	203	263
1.6587	18 CrNiMo 7-6	204	230	297
1.6657	14 NiCrMo 13-4	344	387	502
1.6758	23 MnNiMoCr 5-4	163	184	238
1.6782	16NiCrMo12-6	329	370	479
1.6959	35 NiCrMoV 12-5	364	410	531
1.7016	17Cr3	11	12	15
1.7033	34Cr4	12	14	18
1.7034	37Cr4	12	14	18
1.7035	41Cr4	12	14	18
1.7039	41CrS4	12	14	18
1.7043	38Cr4	12	14	18
1.7076	32CrB4	11	13	16
1.7077	36CrB4	12	14	17
1.7117	52SiCrNi5	72	81	105
1.7131	16 MnCr 5	13	15	19
1.7137	60 MnCrB 3	11	12	15
1.7139	16 MnCrS 5	13	15	19
1.7147	20 MnCr 5	15	17	22
1.7148	30MnCrB4-2	15	17	22
1.7149	20 MnCrS 5	15	17	22
1.7160	16 MnCrB 5	12	14	17
1.7168	18 MnCrB 5	14	16	20
1.7176	55Cr3	12	13	17
1.7177	60Cr3	9	11	13
1.7182	27 MnCrB 5 2	9	10	13

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1.7185	33 MnCrB 5 2	9	10	13
1.7213	25 CrMoS 4	36	40	52
1.7216	30 CrMo 4	32	36	46
1.7218	25CrMo4	36	41	52
1.7220	34 CrMo 4	36	41	52
1.7223	41 CrMo 4	37	41	53
1.7225	42CrMo4	37	42	54
1.7226	34 CrMoS 4	37	42	54
1.7227	42 CrMoS 4	37	42	54
1.7228	50 CrMo 4	37	41	53
1.7243	18 CrMo 4	34	38	49
1.7311	20CrMo2	46	52	68
1.7319	20 MoCrS 3	48	54	70
1.7321	20 MoCr 4	56	63	82
1.7323	20 MoCrS 4	56	63	82
1.7325	25 MoCr 4	57	64	83
1.7326	25 MoCrS 4	57	64	83
1.7335	13 CrMo 4-5	59	66	85
1.7337	16 CrMo 4-4	61	68	88
1.7362	X12CrMo5	100	113	145
1.7380	10 CrMo 9 10	129	145	188
1.7383	11 CrMo 9-10	129	145	188
1.7386	X 12 CrMo 9 1	187	210	269
1.7701	52CrMoV4	43	48	62
1.7765	32CrMoV12-10	149	168	217
1.8062	46SiCrMo6	38	43	55
1.8159	51CrV4	22	25	32
1.8161	58 CrV 4	21	23	30
1.8201	7CrWVMoNb9-6	51	58	74
1.8515	31 CrMo 12	69	78	100
1.8519	31 CrMoV 9	52	59	75
1.8550	34 CrAlNi 7-10	141	159	206
1.8871	P460QH	10	12	15
1.8901	S 460 N	81	91	117
1.8905	P 460 N	66	74	96
1.8907	StE 500	81	91	118
1.8915	P460NL1	65	74	95
1.8928	S690QL	161	181	235
92145		15	17	22
92216		15	17	22
92421		60	67	87
92520		161	181	235
92523		131	147	190
0078 A		66	74	96
1 E 1286		17	20	25
1.1301-1.1302 mod		13	15	19
107-38MnV5		12	13	17
108-C40Mn		9	10	13
113-35CrB5		12	14	18
123-35MnCrB5		12	13	17
15CrNi6		158	177	229
18NCD4 RENAULT (C9)		116	131	169
1DRB		21	23	30
1E 0509		32	36	46
1E 0621		5	6	7
1E 0669		5	6	7
1E 0686		6	7	9
1E 0769		7	8	10
1E 0778		39	43	56
1E 0951		26	29	38
1E 1054		46	52	67
1E 836\1E 1120		32	36	47
1E1058		39	44	57
1E1497		12	14	18
20NiCr6		141	158	205
21CrMoV5.11		141	159	206
22MnV6		32	36	47
23CrMoB3		45	50	65
23MCD5		46	52	66

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23MnNiCrMo5.2		94	106	137

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
25CRNIMO2		109	123	159
30 Cr Si Mo V 663		56	63	81
30CRMOV10F		92	103	133
30NiCrMoV7		220	248	321
33MNCRMOB5		25	28	37
35MNB5		11	13	16
37MNCRMOB5		22	24	32
39MNCRB6		11	13	16
41CrS4 Mod 27		22	25	32
42CrMo4 JMBK		48	54	70
42CrMo4 PBK		40	45	57
42CrMo4+Ni+V		80	90	116
43crnimo4.6		175	197	255
47TS2		8	9	12
56NiCrMoV7		231	260	337
605M36		34	39	50
8630/vgs		142	160	207
86B45 H		71	80	104
86CrMoV7		45	51	65
92523 Crown Wheel		131	147	190
92523 Pinion		131	147	190
A 1041 F		7	8	10
A182 F1		63	71	93
A193 B16	ASTM	84	94	122
A320 L7		66	75	96
A694 F65		10	11	15
Aisi 4718		140	157	204
Aisi 4815		360	405	525
AISI 8720		86	96	125
AISI410		128	144	182
AMS 6418		231	259	336
B222-5		31	34	44
B222-6(4122 MOD)		27	31	40
B222-7		28	32	41
B222-8		64	72	94
B30		8	9	12
B46-1		163	184	238
B63-1		118	133	172
B63-2 (V2525-60)		106	119	154
B79		92	104	134
C50+MO		10	11	14
D60SiMn5/ A1		12	14	18
F11		61	69	89
F22		127	143	185
F22 MOD		164	184	238
ITM 129		9	10	14
JDM 4320		202	227	294
MTS 238 / SAE 1141/I		7	8	11
P420 QH		80	90	117
PS30 SAE 4715		129	145	188
PS55		263	296	383
PS65		12	13	17
RES 10460		11	13	17
RES166380		28	31	40
S1060		241	271	351
SA 508 Gr. 3		122	138	179
SA 765 Gr. 4		24	28	36
SAE 4320 JDM		209	236	305
SAE 8620		82	92	119
SAE 8627H		78	88	114
SAE 8822H		88	100	129
STE 690		145	163	211
STE500/GSA10		17	19	25
ste890		222	250	323
Steel 9313		336	378	490
TK23F		62	70	91
TK28A		57	64	83

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
TS45.02		3	4	5
UC1		4	5	6
V 2525-50		113	127	164
V2525-70		116	131	169
V2527-70		166	187	242
V2905-95		8	9	12
V2906		9	10	13
V2908-95		10	11	14
VSCH CRNI 2525 HL		104	117	152
VW 4227		13	15	19
VW 4521		205	231	299
VW1427		15	17	22
X19NiCrMo4		415	467	605
X30Cr13		105	119	149
ZF 1		162	182	235
ZF 1 A		204	229	297
ZF 49		11	12	16
ZF 50		4	4	5
ZF 6		19	21	27
ZF 63		13	15	19
ZF 64		12	14	17
ZF 7 B		15	17	22