

**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 Maggio 2020 - valid for May 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	rps billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	7	8	10
38 Cr 2 KB	EN 10263-4	9	10	13
34 - 41Cr 4 KB	EN 10263-4	14	15	19
25 - 42 CrMo 4 KB	EN 10263-4	35	39	51
30 -40 NiCrMo 2 KB	EN 10263	75	84	109
38 NiCrMo 4 KB	EN 10263	91	102	132
34 CrNiMo 6 KB	EN 10263-4	145	163	210
40 NiCrMo 7 KB	EN 10263	160	180	232
Acciai da bonifica / Hardening and tempering steels				
QS1105200		7	8	10
41 Cr 4	EN 10083.1	14	16	20
36 CrMn 4	UNI 7847	15	17	21
51 CrV 4	EN 10083.1	33	37	48
25 - 42 CrMo 4	EN 10083.1	35	39	51
20-25 MoCr4		50	57	73
40 NiCrMo 2	EN 10083.1	68	76	99
36CrNiMo4	EN 10083.1	99	112	145
39 NiCrMo 3	EN 10083.1	90	102	132
40 NiCrMo 7	UNI 6926	161	181	235
30CrNiMo 8	EN 10083.1	204	230	297
30 NiCrMo 12		261	294	381
30 NiCrMoV 12	UNI 6787	278	313	405
36 NiCrMo 16	EN 10083.1	319	359	464
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	15	17	21
20 MnCr 5	EN 10084	17	19	25
SAE 94B17		40	45	59
18 CrMo 4	EN 10084	32	36	47
12 NiCr 3		53	60	78
16 - 20 CrNi 4	EN 10084	81	91	117
16 NiCr 11	EN 10084	198	223	289
16 - 20 NiCrMo 2	EN 10084	66	74	96
18 NiCrMo 5	EN 10084	125	141	182
17 CrNiMo 6	EN 10084	161	181	234
18 NiCrMo 7	EN 10084	169	190	246
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	67	75	96
31 CrMoV 9	EN 10085	59	67	86
34 - 41CrAlMo 7	EN 10085	52	58	75
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	14	15	19
36 CrMn 4	UNI 7847	15	17	22
41 CrMo 4	UNI 7847	31	35	45
40 NiCrMo 3	UNI 7847	92	104	134

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	54	61	79
14 CrMo 3	EN 10216	62	70	90
18 CrMoSi 4	EN 10222	68	76	99
11 CrMo 9 10	EN 10222.2	116	130	168
16 CrMo 20 5	EN 10216.2	97	110	140
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	245	276	358
X 12 Ni 09	EN10222-4	629	707	917
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	16	18	23
100 CrMo 7	EN 683.17	42	47	60
100 CrMn 4	EN 683.17	14	15	20
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	13	15	20
60 SiCr 8	EN 10089	18	20	26
52 SiCrNi 5	EN 10089	61	68	88
45 SiCrMo 6	EN 10089	35	39	51
55 Cr 3	EN 10089	11	13	16
50 CrV 4	EN 10089	32	36	46
51 CrMoV 4	EN 10089	49	55	71
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	19	22	28
19 - 46 MnVS 6	EN 10267	20	23	29
38MnSiVS6		21	24	31
D25M6		22	25	33
48MnV3		15	17	23
Acciai vari / Other steels				
1.0038	S235JR	3	4	5
1.0432	C21	6	7	9
1.0460	P250GH	3	3	4
1.0482	19Mn5	8	9	11
1.0503	C45	3	3	4
1.0511	C40	3	3	4
1.0528	C30	3	3	4
1.0535	C55	5	5	7
1.0540	C50	3	4	5
1.0553	S355J0	7	8	11
1.0565	P355NH	7	8	11
1.0566	P355NL1	6	6	8
1.0570	S355J2G3	6	7	9
1.0577	S355J2	7	8	10
1.0721	10S20	5	6	7
1.0726	35S20	6	7	9
1.0764	36SMn14	6	7	9
1.1108	10Mn4	6	7	9
1.1127	38Mn6	8	9	12
1.1132	C15E2C	4	4	5
1.1140	C15R	3	4	5
1.1141	C15E	3	3	5
1.1160	22Mn6	8	9	12
1.1167	36Mn5	6	7	9
1.1181	C35E	4	4	6
1.1191	C45E/CK45	4	5	6
1.1197	25MnV5	13	15	19
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	5	5	7
1.1236	C66D2	3	3	4
1.1241	C50R	3	4	5
1.1301	19MnVS6	19	22	28
1.1302	30MnVS6	20	23	29
1.1303	38MnVS6	21	24	31
1.1304	46MnVD6	21	24	31
1.1305	46MnVS3	20	23	30

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.2007	70Cr2	11	12	15
1.2067	102Cr6	16	18	23
1.2242	59CrV4	25	28	36
1.2826	60MnSiCr4	12	14	18
1.3505	100Cr6	16	18	23
1.3520	100CrMnSi6-4	29	32	41
1.3531	16CrNiMo6	152	171	221
1.3536	100CrMo7-3	46	52	66
1.3537	100CrMo7	37	42	54
1.3538	100CrMo7-4	62	70	90
1.3539	100CrMnMoSi8-4-6	74	84	108
1.4903	X10CrMoVNB9-1	215	241	310
1.5066	30Mn5	7	8	11
1.5120	38MnSi4	10	11	14
1.5216	17MnV6	24	27	35
1.5217	20MnV6	23	26	34
1.5223	42MnV7	19	22	28
1.5231	38MnSiVS5	21	24	31
1.5232	27MnSiVS6	22	25	32
1.5233	44MnSiVS6	22	25	32
1.5415	16Mo3	31	35	46
1.5423	16Mo5	53	60	77
1.5523	19MnB4	4	5	6
1.5526	30MNB4	7	8	10
1.5527	40MnB4	9	10	13
1.5532	38MnB5	6	6	8
1.5662	X 8 Ni 9	628	706	915
1.5708	12NiCr3	52	58	76
1.5715	16NiCrS4	81	91	117
1.5752	15NiCr13	237	267	346
1.5810	18 NiCr 5-4	106	120	155
1.5918	17 CrNi 6-6	124	140	181
1.6510	39 NiCrMo 3	87	98	127
1.6511	36 CrNiMo 4	106	119	154
1.6522	20 NiCrMo 2	64	72	93
1.6523	20 NiCrMo 2-2	66	74	96
1.6526	20NiCrMoS2-2	65	73	94
1.6527	20NiCrMo3	81	92	119
1.6541	23 MnNiCrMo 5 2	71	80	103
1.6562	40 NiCrMo 8-4	171	192	249
1.6563	41 NiCrMo 7-3-2	161	181	235
1.6566	17 NiCrMo 6-4	125	141	182
1.6580	30 CrNiMo 8	204	230	297
1.6582	34 CrNiMo 6	141	158	205
1.6587	18 CrNiMo 7-6	161	181	234
1.6657	14 NiCrMo 13-4	259	291	377
1.6758	23 MnNiMoCr 5-4	129	146	189
1.6782	16NiCrMo12-6	251	283	366
1.6959	35 NiCrMoV 12-5	288	324	420
1.7016	17Cr3	12	14	18
1.7033	34Cr4	14	16	20
1.7034	37Cr4	14	16	20
1.7035	41Cr4	14	16	20
1.7039	41CrS4	14	16	20
1.7043	38Cr4	14	16	20
1.7076	32CrB4	13	14	18
1.7077	36CrB4	13	15	19
1.7117	52SiCrNi5	61	68	88
1.7131	16 MnCr 5	15	17	22
1.7137	60 MnCrB 3	12	14	18
1.7139	16 MnCrS 5	15	17	22
1.7147	20 MnCr 5	17	19	25
1.7148	30MnCrB4-2	17	19	25
1.7149	20 MnCrS 5	17	19	25
1.7160	16 MnCrB 5	13	15	19
1.7168	18 MnCrB 5	16	18	23
1.7176	55Cr3	14	15	20
1.7177	60Cr3	10	12	15
1.7182	27 MnCrB 5 2	9	11	14

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.7185	33 MnCrB 5 2	10	11	14
1.7213	25 CrMoS 4	33	37	48
1.7216	30 CrMo 4	30	34	44
1.7218	25CrMo4	35	39	51
1.7220	34 CrMo 4	35	39	51
1.7223	41 CrMo 4	35	39	50
1.7225	42CrMo4	35	39	51
1.7226	34 CrMoS 4	35	39	51
1.7227	42 CrMoS 4	35	39	51
1.7228	50 CrMo 4	35	39	50
1.7243	18 CrMo 4	32	36	47
1.7311	20CrMo2	42	47	61
1.7319	20 MoCrS 3	44	49	64
1.7321	20 MoCr 4	50	56	72
1.7323	20 MoCrS 4	50	56	72
1.7325	25 MoCr 4	50	57	73
1.7326	25 MoCrS 4	50	57	73
1.7335	13 CrMo 4-5	52	59	76
1.7337	16 CrMo 4-4	55	61	79
1.7362	X12CrMo5	96	109	139
1.7380	10 CrMo 9 10	115	129	167
1.7383	11 CrMo 9-10	115	130	167
1.7386	X 12 CrMo 9 1	181	204	261
1.7701	52CrMoV4	49	55	71
1.7765	32CrMoV12-10	151	170	219
1.8062	46SiCrMo6	38	42	55
1.8159	51CrV4	33	37	48
1.8161	58 CrV 4	30	34	43
1.8201	7CrWVMoNb9-6	63	71	91
1.8515	31 CrMo 12	66	74	95
1.8519	31 CrMoV 9	59	67	86
1.8550	34 CrAlNi 7-10	112	126	163
1.8871	P460QH	14	16	21
1.8901	S 460 N	76	86	111
1.8905	P 460 N	52	58	76
1.8907	StE 500	64	72	93
1.8915	P460NL1	53	59	77
1.8928	S690QL	125	141	182
92145		23	26	34
92216		17	19	25
92421		54	60	78
92520		125	141	182
92523		103	115	149
0078 A		59	66	86
1 E 1286		23	26	33
1.1301-1.1302 mod		20	22	29
107-38MnV5		19	21	28
108-C40Mn		10	11	14
113-35CrB5		14	16	20
123-35MnCrB5		13	15	19
15CrNi6		122	137	177
18NCD4 RENAULT (C9)		90	101	131
1DRB		21	24	30
1E 0509		31	34	44
1E 0621		6	6	8
1E 0669		6	6	8
1E 0686		7	8	10
1E 0769		8	9	11
1E 0778		35	40	51
1E 0951		25	28	36
1E 1054		42	47	61
1E 836\1E 1120		29	33	43
1E1058		36	41	52
1E1497		18	20	26
20NiCr6		108	122	158
21CrMoV5.11		140	157	204
22MnV6		36	41	53
23CrMoB3		41	46	59
23MCD5		41	46	59

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
23MnNiCrMo5.2		76	85	111
25CRNIMO2		89	100	129
30 Cr Si Mo V 663		62	70	89
30CRMOV10F		96	109	140
30NiCrMoV7		174	195	253
33MNCRMOB5		24	27	35
35MNB5		12	14	18
37MNCRMOB5		21	24	31
39MNCRB6		12	14	18
41CrS4 Mod 27		23	25	32
42CrMo4 JMBK		44	50	64
42CrMo4 PBK		37	42	54
42CrMo4+Ni+V		73	82	105
43crnimo4.6		136	153	198
47TS2		9	10	13
56NiCrMoV7		187	210	272
605M36		31	35	45
8630/vgs		115	129	167
86B45 H		58	66	85
86CrMoV7		48	54	69
92523 Crown Wheel		103	115	149
92523 Pinion		102	115	149
A 1041 F		8	9	11
A182 F1		54	61	79
A193 B16	ASTM	91	102	132
A320 L7		57	64	82
A694 F65		14	16	21
Aisi 4718		110	124	160
Aisi 4815		272	306	397
AISI 8720		69	77	100
AISI410		133	150	190
AMS 6418		181	203	264
B222-5		29	33	42
B222-6(4122 MOD)		26	29	37
B222-7		27	30	39
B222-8		56	63	81
B30		9	10	13
B46-1		127	143	185
B63-1		91	103	133
B63-2 (V2525-60)		84	95	122
B79		75	85	110
C50+MO		9	10	13
D60SiMn5/ A1		15	17	22
F11		56	63	81
F22		112	126	163
F22 MOD		141	158	204
ITM 129		10	12	15
JDM 4320		154	173	224
MTS 238 / SAE 1141/I		8	9	12
P420 QH		65	73	95
PS30 SAE 4715		103	116	150
PS55		205	231	299
PS65		13	15	19
RES 10460		12	14	18
RES166380		26	30	38
S1060		188	211	273
SA 508 Gr. 3		98	110	143
SA 765 Gr. 4		24	27	35
SAE 1017 MOD		7	8	10
SAE 4320 JDM		160	180	233
SAE 8620		66	74	96
SAE 8627H		63	71	92
SAE 8822H		72	82	105
STE460		41	46	59
STE 690		119	134	173
STE 690V		100	113	146
STE500/GSA10		27	30	39
ste890		172	194	250
Steel 9313		254	286	370

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
TK23F		50	56	72
TK28A		47	52	68
TS45.02		3	4	5
UC1		5	5	7
V 2525-50		90	101	130
V2525-70		90	101	131
V2527-70		129	145	187
V2905-95		13	15	19
V2906		14	16	20
V2908-95		11	13	16
VSCH CRNI 2525 HL		82	92	119
VW 4227		15	17	21
VW 4521		158	177	230
VW1427		23	26	33
X19NiCrMo4		312	351	454
X30Cr13		120	135	170
ZF 1		124	140	181
ZF 1 A		161	181	234
ZF 49		18	20	26
ZF 50		4	5	6
ZF 6		19	22	28
ZF 63		15	17	22
ZF 64		14	16	20
ZF 7 B		17	19	25