

**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 Luglio 2020 - valid for July 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	7	8	10
38 Cr 2 KB	EN 10263-4	10	11	14
34 - 41Cr 4 KB	EN 10263-4	15	17	22
25 - 42 CrMo 4 KB	EN 10263-4	33	37	48
30 -40 NiCrMo 2 KB	EN 10263	78	87	113
38 NiCrMo 4 KB	EN 10263	96	108	140
34 CrNiMo 6 KB	EN 10263-4	157	176	228
40 NiCrMo 7 KB	EN 10263	173	195	252
Acciai da bonifica / Hardening and tempering steels				
QS1105200		7	8	10
41 Cr 4	EN 10083.1	16	18	23
36 CrMn 4	UNI 7847	17	19	24
51 CrV 4	EN 10083.1	31	35	45
25 - 42 CrMo 4	EN 10083.1	33	37	48
20-25 MoCr4		43	49	63
40 NiCrMo 2	EN 10083.1	70	79	102
36CrNiMo4	EN 10083.1	107	121	156
39 NiCrMo 3	EN 10083.1	96	108	139
40 NiCrMo 7	UNI 6926	175	197	254
30CrNiMo 8	EN 10083.1	220	248	320
30 NiCrMo 12		281	316	409
30 NiCrMoV 12	UNI 6787	295	332	430
36 NiCrMo 16	EN 10083.1	351	395	511
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	17	19	24
20 MnCr 5	EN 10084	20	22	28
SAE 94B17		42	47	61
18 CrMo 4	EN 10084	31	35	44
12 NiCr 3		60	67	87
16 - 20 CrNi 4	EN 10084	91	102	132
16 NiCr 11	EN 10084	223	251	326
16 - 20 NiCrMo 2	EN 10084	68	77	99
18 NiCrMo 5	EN 10084	136	152	197
17 CrNiMo 6	EN 10084	173	195	251
18 NiCrMo 7	EN 10084	181	204	263
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	66	75	95
31 CrMoV 9	EN 10085	58	65	83
34 - 41CrAlMo 7	EN 10085	49	55	70
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	15	17	22
36 CrMn 4	UNI 7847	17	20	25
41 CrMo 4	UNI 7847	30	33	43
40 NiCrMo 3	UNI 7847	98	110	143

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	45	50	65
14 CrMo 3	EN 10216	54	61	78
18 CrMoSi 4	EN 10222	59	66	85
11 CrMo 9 10	EN 10222.2	103	116	149
16 CrMo 20 5	EN 10216.2	99	111	141
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	277	312	404
X 12 Ni 09	EN10222-4	710	798	1035
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	19	21	27
100 CrMo 7	EN 683.17	41	46	59
100 CrMn 4	EN 683.17	17	19	24
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	7	8	11
60 SiCr 8	EN 10089	12	13	17
52 SiCrNi 5	EN 10089	63	71	92
45 SiCrMo 6	EN 10089	28	31	40
55 Cr 3	EN 10089	13	15	19
50 CrV 4	EN 10089	30	34	43
51 CrMoV 4	EN 10089	44	49	63
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	17	19	24
19 - 46 MnVS 6	EN 10267	17	19	24
38MnSiVS6		17	20	25
D25M6		21	23	30
48MnV3		13	15	19
Acciai vari / Other steels				
1.0038	S235JR	3	3	4
1.0432	C21	6	7	8
1.0460	P250GH	3	4	5
1.0482	19Mn5	7	8	10
1.0503	C45	3	4	5
1.0511	C40	3	4	5
1.0528	C30	3	4	5
1.0535	C55	4	5	6
1.0540	C50	4	4	5
1.0553	S355J0	8	9	11
1.0565	P355NH	7	8	10
1.0566	P355NL1	6	7	9
1.0570	S355J2G3	7	8	10
1.0577	S355J2	7	8	11
1.0721	10S20	5	6	7
1.0726	35S20	6	7	9
1.0764	36SMn14	7	8	11
1.1108	10Mn4	6	7	9
1.1127	38Mn6	8	9	12
1.1132	C15E2C	3	3	4
1.1140	C15R	3	3	4
1.1141	C15E	2	3	4
1.1160	22Mn6	9	10	13
1.1167	36Mn5	7	8	10
1.1181	C35E	3	4	5
1.1191	C45E/CK45	4	4	5
1.1197	25MnV5	11	13	17
1.1201	C45R	3	4	5
1.1206	C50E	4	4	5
1.1213	CF53	3	3	4
1.1219	C56E2	4	4	5
1.1231	C67S	4	5	6
1.1236	C66D2	2	3	4
1.1241	C50R	4	4	5
1.1301	19MnVS6	17	19	24
1.1302	30MnVS6	17	19	24
1.1303	38MnVS6	18	20	26
1.1304	46MnVD6	18	20	26
1.1305	46MnVS3	16	18	23

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1.2007	70Cr2	12	13	17
1.2067	102Cr6	19	21	27
1.2242	59CrV4	25	28	36
1.2826	60MnSiCr4	10	12	15
1.3505	100Cr6	19	21	27
1.3520	100CrMnSi6-4	32	35	45
1.3531	16CrNiMo6	165	185	239
1.3536	100CrMo7-3	45	50	64
1.3537	100CrMo7	37	42	53
1.3538	100CrMo7-4	58	65	83
1.3539	100CrMnMoSi8-4-6	68	77	99
1.4903	X10CrMoVNB9-1	212	238	305
1.5066	30Mn5	7	8	11
1.5120	38MnSi4	7	8	10
1.5216	17MnV6	20	23	30
1.5217	20MnV6	20	23	29
1.5223	42MnV7	17	19	25
1.5231	38MnSiVS5	17	20	25
1.5232	27MnSiVS6	18	20	26
1.5233	44MnSiVS6	18	20	26
1.5415	16Mo3	26	29	38
1.5423	16Mo5	44	50	64
1.5523	19MnB4	5	6	7
1.5526	30MNB4	9	10	12
1.5527	40MnB4	9	10	13
1.5532	38MnB5	6	7	9
1.5662	X 8 Ni 9	709	797	1034
1.5708	12NiCr3	59	67	86
1.5715	16NiCrS4	91	102	132
1.5752	15NiCr13	268	301	390
1.5810	18 NiCr 5-4	121	136	176
1.5918	17 CrNi 6-6	142	160	207
1.6510	39 NiCrMo 3	94	105	136
1.6511	36 CrNiMo 4	114	128	166
1.6522	20 NiCrMo 2	67	76	98
1.6523	20 NiCrMo 2-2	68	77	99
1.6526	20NiCrMoS2-2	68	77	99
1.6527	20NiCrMo3	87	98	126
1.6541	23 MnNiCrMo 5 2	73	83	107
1.6562	40 NiCrMo 8-4	183	206	266
1.6563	41 NiCrMo 7-3-2	175	197	254
1.6566	17 NiCrMo 6-4	136	152	197
1.6580	30 CrNiMo 8	220	248	320
1.6582	34 CrNiMo 6	154	174	224
1.6587	18 CrNiMo 7-6	173	195	251
1.6657	14 NiCrMo 13-4	307	346	447
1.6758	23 MnNiMoCr 5-4	131	147	191
1.6782	16NiCrMo12-6	273	307	397
1.6959	35 NiCrMoV 12-5	305	343	444
1.7016	17Cr3	14	15	20
1.7033	34Cr4	16	18	23
1.7034	37Cr4	16	18	23
1.7035	41Cr4	16	18	23
1.7039	41CrS4	16	18	23
1.7043	38Cr4	16	18	23
1.7076	32CrB4	15	17	22
1.7077	36CrB4	16	19	23
1.7117	52SiCrNi5	63	71	92
1.7131	16 MnCr 5	17	19	24
1.7137	60 MnCrB 3	14	15	20
1.7139	16 MnCrS 5	17	19	24
1.7147	20 MnCr 5	20	22	28
1.7148	30MnCrB4-2	20	22	28
1.7149	20 MnCrS 5	20	22	28
1.7160	16 MnCrB 5	16	18	23
1.7168	18 MnCrB 5	18	20	26
1.7176	55Cr3	15	17	21
1.7177	60Cr3	13	14	18
1.7182	27 MnCrB 5 2	11	13	16

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1.7185	33 MnCrB 5 2	12	13	17
1.7213	25 CrMoS 4	32	36	46
1.7216	30 CrMo 4	31	35	44
1.7218	25CrMo4	33	37	48
1.7220	34 CrMo 4	33	37	48
1.7223	41 CrMo 4	33	37	48
1.7225	42CrMo4	33	37	48
1.7226	34 CrMoS 4	33	37	48
1.7227	42 CrMoS 4	33	37	48
1.7228	50 CrMo 4	33	37	48
1.7243	18 CrMo 4	31	35	44
1.7311	20CrMo2	37	41	53
1.7319	20 MoCrS 3	40	45	58
1.7321	20 MoCr 4	43	48	62
1.7323	20 MoCrS 4	43	48	62
1.7325	25 MoCr 4	43	49	63
1.7326	25 MoCrS 4	43	49	63
1.7335	13 CrMo 4-5	46	52	67
1.7337	16 CrMo 4-4	49	55	71
1.7362	X12CrMo5	99	111	141
1.7380	10 CrMo 9 10	102	115	148
1.7383	11 CrMo 9-10	103	115	149
1.7386	X 12 CrMo 9 1	183	206	263
1.7701	52CrMoV4	44	49	63
1.7765	32CrMoV12-10	133	150	193
1.8062	46SiCrMo6	30	34	44
1.8159	51CrV4	31	35	45
1.8161	58 CrV 4	29	32	41
1.8201	7CrWVMoNb9-6	60	67	86
1.8515	31 CrMo 12	66	75	95
1.8519	31 CrMoV 9	58	65	83
1.8550	34 CrAlNi 7-10	123	138	178
1.8871	P460QH	13	15	19
1.8901	S 460 N	71	80	104
1.8905	P 460 N	56	63	82
1.8907	StE 500	70	78	101
1.8915	P460NL1	56	63	81
1.8928	S690QL	136	152	197
92145		19	21	28
92216		20	22	28
92421		48	54	69
92520		136	152	197
92523		112	126	163
0078 A		58	66	85
1 E 1286		23	26	34
1.1301-1.1302 mod		17	19	25
107-38MnV5		16	18	23
108-C40Mn		10	12	15
113-35CrB5		16	18	23
123-35MnCrB5		14	16	21
15CrNi6		138	156	201
18NCD4 RENAULT (C9)		101	114	147
1DRB		21	23	30
1E 0509		29	33	42
1E 0621		5	6	8
1E 0669		5	6	8
1E 0686		7	8	10
1E 0769		8	9	12
1E 0778		33	37	47
1E 0951		23	26	34
1E 1054		39	44	56
1E 836\1E 1120		27	30	39
1E1058		33	38	48
1E1497		16	18	23
20NiCr6		123	138	178
21CrMoV5.11		118	132	171
22MnV6		35	39	51
23CrMoB3		37	42	53

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23MCD5		44	49	63
23MnNiCrMo5.2		78	88	114
25CRNIMO2		89	100	130
30 Cr Si Mo V 663		54	61	78
30CRMV10F		91	103	132
30NiCrMoV7		184	207	268
33MNCRMOb5		23	25	33
35MNB5		14	15	20
37MNCRMOb5		20	23	29
39MNCRB6		14	15	20
41CrS4 Mod 27		23	26	33
42CrMo4 JMBK		40	45	58
42CrMo4 PBK		35	39	51
42CrMo4+Ni+V		72	81	105
43crnimo4.6		147	166	214
4M		23	25	33
47TS2		9	11	14
56NiCrMoV7		194	218	282
605M36		27	30	39
8630/vgs		117	131	169
86B45 H		60	67	87
86CrMoV7		45	51	65
92523 Crown Wheel		112	126	163
92523 Pinion		112	127	164
A 1041 F		8	9	11
A182 F1		45	51	66
A193 B16	ASTM	77	87	112
A320 L7		57	64	83
A694 F65		13	15	19
Aisi 4718		114	128	166
Aisi 4815		297	334	433
AISI 8720		71	80	104
AISI410		164	184	233
AMS 6418		186	210	272
B222-5		27	31	39
B222-6(4122 MOD)		24	27	35
B222-7		25	28	36
B222-8		53	60	77
B30		10	11	14
B46-1		137	154	200
B63-1		104	117	151
B63-2 (V2525-60)		93	104	134
B79		75	85	109
C50+MO		8	9	12
D60SiMn5/ A1		13	15	19
F11		48	55	70
F22		101	113	146
F22 MOD		132	148	191
ITM 129		11	12	16
JDM 4320		167	187	243
MTS 238 / SAE 1141/I		8	9	12
P420 QH		69	77	100
PS30 SAE 4715		103	116	150
PS55		211	237	307
PS65		15	17	21
RES 10460		13	15	19
RES166380		25	28	36
S1060		201	227	293
SA 508 Gr. 3		95	107	139
SA 765 Gr. 4		25	28	36
SAE 1017 MOD		7	8	11
SAE 4320 JDM		172	194	251
SAE 8620		68	77	99
SAE 8627H		65	73	95
SAE 8822H		72	81	104
STE460		38	43	55
STE 690		118	133	172
STE 690V		105	118	152
STE500/GSA10		23	25	33

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
ste890		186	209	271
Steel 9313		284	319	413
TK23F		55	62	81
TK28A		51	57	74
TS45.02		4	4	5
UC1		4	5	6
V 2525-50		97	109	141
V2525-70		102	115	148
V2527-70		145	163	210
V2905-95		11	12	16
V2906		12	13	17
V2908-95		10	12	15
VSCH CRNI 2525 HL		92	103	133
VSCH-MNCR(S)-2158-U-HM		33	37	47
VSCH-MNCR(S)-2158-U-HH		36	40	51
VW 4227		18	20	26
VW 4521		169	191	247
VW1427		19	21	28
X19NiCrMo4		347	390	506
X30Cr13		149	167	211
ZF 1		142	160	207
ZF 1 A		173	194	251
ZF 49		15	17	22
ZF 50		4	4	6
ZF 6		20	23	29
ZF 63		17	19	24
ZF 64		16	18	22
ZF 7 B		20	22	28