

**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 Giugno 2019 - valid for June 2019 shipment
da applicarsi a fine fattura in €/t - at the end of invoice in €/t

MARCA / GRADE	NORM	lingotti e colata continua	laminati e forgiati	lavorati a freddo
		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	9	10	13
38 Cr 2 KB	EN 10263-4	13	14	18
34 - 41Cr 4 KB	EN 10263-4	20	22	28
25 - 42 CrMo 4 KB	EN 10263-4	59	67	86
30 -40 NiCrMo 2 KB	EN 10263	99	112	144
38 NiCrMo 4 KB	EN 10263	117	132	171
34 CrNiMo 6 KB	EN 10263-4	180	202	261
40 NiCrMo 7 KB	EN 10263	193	217	281
Acciai da bonifica / Hardening and tempering steels				
QS1105200		9	11	14
41 Cr 4	EN 10083.1	20	23	29
36 CrMn 4	UNI 7847	22	24	31
51 CrV 4	EN 10083.1	94	106	137
25 - 42 CrMo 4	EN 10083.1	59	66	85
20-25 MoCr4		89	101	130
40 NiCrMo 2	EN 10083.1	92	103	133
36CrNiMo4	EN 10083.1	124	140	181
39 NiCrMo 3	EN 10083.1	117	131	170
40 NiCrMo 7	UNI 6926	195	219	283
30CrNiMo 8	EN 10083.1	257	289	373
30 NiCrMo 12		320	360	466
30 NiCrMoV 12	UNI 6787	376	423	548
36 NiCrMo 16	EN 10083.1	374	421	544
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	21	24	31
20 MnCr 5	EN 10084	25	28	36
SAE 94B17		54	61	79
18 CrMo 4	EN 10084	54	61	79
12 NiCr 3		60	67	87
16 - 20 CrNi 4	EN 10084	91	102	132
16 NiCr 11	EN 10084	215	242	314
16 - 20 NiCrMo 2	EN 10084	88	99	128
18 NiCrMo 5	EN 10084	153	172	223
17 CrNiMo 6	EN 10084	203	229	295
18 NiCrMo 7	EN 10084	211	237	307

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Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	114	128	164
31 CrMoV 9	EN 10085	134	150	193
34 - 41CrAlMo 7	EN 10085	80	90	115
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	20	22	28
36 CrMn 4	UNI 7847	22	25	32
41 CrMo 4	UNI 7847	53	60	77
40 NiCrMo 3	UNI 7847	117	132	170
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	99	111	144
14 CrMo 3	EN 10216	111	124	161
18 CrMoSi 4	EN 10222	117	132	170
11 CrMo 9 10	EN 10222.2	206	232	299
16 CrMo 20 5	EN 10216.2	165	186	238
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	263	296	384
X 12 Ni 09	EN10222-4	674	758	982
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	24	27	34
100 CrMo 7	EN 683.17	70	79	102
100 CrMn 4	EN 683.17	21	24	30
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	11	12	16
60 SiCr 8	EN 10089	16	18	24
52 SiCrNi 5	EN 10089	66	74	96
45 SiCrMo 6	EN 10089	52	58	75
55 Cr 3	EN 10089	17	19	24
50 CrV 4	EN 10089	90	101	131
51 CrMoV 4	EN 10089	118	133	172
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	55	62	81
19 - 46 MnVS 6	EN 10267	56	63	81
38MnSiVS6		56	64	82
D25M6		63	71	92
48MnV3		47	53	69
Acciai vari / Other steels				
1.0038	S235JR	4	5	6
1.0432	C21	8	9	12
1.0460	P250GH	4	5	6
1.0482	19Mn5	9	11	14
1.0503	C45	4	5	6
1.0511	C40	4	5	6
1.0528	C30	4	5	6
1.0535	C55	6	6	8
1.0540	C50	5	6	7
1.0553	S355J0	11	12	15
1.0565	P355NH	10	11	14
1.0566	P355NL1	9	10	12
1.0570	S355J2G3	9	10	13
1.0577	S355J2	10	11	14
1.0721	10S20	7	8	10
1.0764	36SMn14	10	11	15
1.1108	10Mn4	8	9	12
1.1127	38Mn6	11	12	16
1.1132	C15E2C	4	5	6
1.1140	C15R	4	4	6
1.1141	C15E	3	4	5
1.1160	22Mn6	12	13	17
1.1167	36Mn5	9	10	13

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.1181	C35E	5	5	7
1.1191	C45E/CK45	5	6	7
1.1197	25MnV5	33	38	49
1.1201	C45R	4	5	6
1.1206	C50E	5	6	7
1.1213	CF53	4	4	5
1.1219	C56E2	5	6	7
1.1231	C67S	6	7	9
1.1236	C66D2	3	4	5
1.1241	C50R	5	6	7
1.1301	19MnVS6	55	62	81
1.1302	30MnVS6	56	63	81
1.1303	38MnVS6	60	67	87
1.1304	46MnVD6	60	67	87
1.1305	46MnVS3	64	72	93
1.2007	70Cr2	15	17	22
1.2067	102Cr6	24	27	34
1.2242	59CrV4	62	70	90
1.2826	60MnSiCr4	14	16	20
1.3505	100Cr6	24	27	34
1.3520	100CrMnSi6-4	38	42	54
1.3531	16CrNiMo6	192	216	279
1.3536	100CrMo7-3	77	87	111
1.3537	100CrMo7	62	70	89
1.3538	100CrMo7-4	107	121	155
1.3539	100CrMnMoSi8-4-6	128	144	186
1.4903	X10CrMoVNb9-1	399	448	576
1.5066	30Mn5	10	11	14
1.5216	17MnV6	72	81	106
1.5217	20MnV6	72	81	105
1.5223	42MnV7	53	60	77
1.5231	38MnSiVS5	56	64	82
1.5232	27MnSiVS6	60	68	88
1.5233	44MnSiVS6	60	68	88
1.5415	16Mo3	56	63	82
1.5423	16Mo5	98	110	143
1.5523	19MnB4	7	7	10
1.5526	30MnB4	11	13	16
1.5532	38MnB5	9	10	13
1.5662	X 8 Ni 9	672	756	980
1.5708	12NiCr3	59	66	85
1.5715	16NiCrS4	91	102	132
1.5752	15NiCr13	258	290	375
1.5810	18 NiCr 5-4	120	135	174
1.5918	17 CrNi 6-6	141	159	205
1.6510	39 NiCrMo 3	112	127	164
1.6511	36 CrNiMo 4	135	152	196
1.6522	20 NiCrMo 2	87	98	126
1.6523	20 NiCrMo 2-2	88	99	128
1.6526	20NiCrMoS2-2	88	99	128
1.6527	20NiCrMo3	105	119	153
1.6541	23 MnNiCrMo 5 2	99	111	144
1.6562	40 NiCrMo 8-4	213	239	310
1.6563	41 NiCrMo 7-3-2	195	219	283
1.6566	17 NiCrMo 6-4	153	172	223
1.6580	30 CrNiMo 8	257	289	373
1.6582	34 CrNiMo 6	175	196	254
1.6587	18 CrNiMo 7-6	203	229	295
1.6657	14 NiCrMo 13-4	300	337	437
1.6758	23 MnNiMoCr 5-4	183	206	267
1.6782	16NiCrMo12-6	303	341	442

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1.6959	35 NiCrMoV 12-5	396	445	576
1.7016	17Cr3	17	20	25
1.7033	34Cr4	20	23	29
1.7034	37Cr4	20	23	29
1.7035	41Cr4	20	23	29
1.7039	41CrS4	20	23	29
1.7043	38Cr4	20	23	29
1.7076	32CrB4	19	22	28
1.7077	36CrB4	21	23	30
1.7117	52SiCrNi5	66	74	96
1.7131	16 MnCr 5	22	24	31
1.7137	60 MnCrB 3	18	20	25
1.7139	16 MnCrS 5	22	24	31
1.7147	20 MnCr 5	25	28	36
1.7148	30MnCrB4-2	25	28	36
1.7149	20 MnCrS 5	25	28	36
1.7160	16 MnCrB 5	21	23	30
1.7168	18 MnCrB 5	23	26	33
1.7176	55Cr3	19	21	27
1.7177	60Cr3	16	18	23
1.7182	27 MnCrB 5 2	14	16	21
1.7185	33 MnCrB 5 2	15	17	22
1.7213	25 CrMoS 4	58	65	84
1.7216	30 CrMo 4	51	58	74
1.7218	25CrMo4	58	65	84
1.7220	34 CrMo 4	58	65	84
1.7223	41 CrMo 4	58	65	84
1.7225	42CrMo4	59	66	85
1.7226	34 CrMoS 4	59	66	85
1.7227	42 CrMoS 4	59	66	85
1.7228	50 CrMo 4	58	65	84
1.7243	18 CrMo 4	54	61	79
1.7311	20CrMo2	73	83	107
1.7319	20 MoCrS 3	77	86	111
1.7321	20 MoCr 4	89	100	129
1.7323	20 MoCrS 4	89	100	129
1.7325	25 MoCr 4	89	101	130
1.7326	25 MoCrS 4	89	101	130
1.7335	13 CrMo 4-5	93	104	135
1.7337	16 CrMo 4-4	96	108	140
1.7362	X12CrMo5	165	186	238
1.7380	10 CrMo 9 10	206	231	299
1.7383	11 CrMo 9-10	206	232	299
1.7386	X 12 CrMo 9 1	305	343	440
1.7701	52CrMoV4	118	133	172
1.7765	32CrMoV12-10	336	378	488
1.8062	46SiCrMo6	56	63	82
1.8159	51CrV4	94	106	137
1.8161	58 CrV 4	82	92	119
1.8201	7CrWVMoNb9-6	165	186	239
1.8515	31 CrMo 12	113	128	164
1.8519	31 CrMoV 9	134	150	193
1.8550	34 CrAlNi 7-10	143	161	207
1.8871	P460QH	36	40	52
1.8901	S 460 N	156	175	227
1.8905	P 460 N	62	69	90
1.8907	StE 500	75	85	109
1.8915	P460NL1	65	73	94
1.8928	S690QL	153	172	223

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1E 836\1E 1120		51	58	74
1E 0778		61	69	89
1E 1054		74	83	107
1E 0769		11	12	16
1E 0509		51	57	74
1E 0621		7	8	10
1E 0686		9	11	14
1E 0951		41	46	60
1E1058		62	70	90
STE 690		185	208	270
1E 0669		7	8	10
1E1497		51	58	75
42CrMo4+Ni+V		129	145	187
F11		97	109	140
F22		203	229	295
B30		13	15	19
123-35MnCrB5		19	21	27
113-35CrB5		20	23	29
108-C40Mn		14	15	20
22MnV6		83	94	121
107-38MnV5		60	68	88
42CrMo4 PBK		63	71	92
42CrMo4 JMBK		76	86	111
X19NiCrMo4		352	396	512
30NiCrMoV7		234	264	341
21CrMoV5.11		321	361	467
A193 B16	ASTM	230	258	334
605M36		53	60	78
MTS 238 / SAE 1141/I		11	12	16
A320 L7		84	95	123
SAE 4320 JDM		191	215	279
A 1041 F		11	12	15
RES166380		44	50	64
RES 10460		18	20	26
8630/vgs		161	181	234
86B45 H		81	91	117
AMS 6418		222	250	324
AISI 8720		92	103	133
SAE 8627H		84	95	123
SAE 8822H		106	119	154
Steel 9313		287	323	418
B222-8		89	100	130
B222-5		49	55	70
B79		108	122	157
JDM 4320		185	208	270
PS65		19	22	27
B222-6(4122 MOD)		43	49	63
B63-2 (V2525-60)		104	117	152
VSCH CRNI 2525 HL		98	110	143
92421		95	107	138
92216		25	28	36
92145		68	76	99
92523 Pinion		124	140	180
92523 Crown Wheel		126	142	183
92520		143	161	208
V 2525-50		115	129	167
23CrMoB3		71	79	103
92523		126	142	183
B46-1		157	176	228
B63-1		104	117	151
Aisi 4718		145	163	212
Aisi 4815		325	365	473
1.1301-1.1302 mod		59	66	86

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23MCD5		58	66	84
1 E 1286		53	59	76
30 Cr Si Mo V 663		120	136	175
41CrS4 Mod 27		35	40	51
15CrNi6		137	155	200
ste890		212	239	309
23MnNiCrMo5.2		104	116	151
TK23F		57	64	83
S1060		235	264	341
25CRNIMO2		126	142	183
SAE 8620		88	99	128
D60SiMn5/ A1		17	19	25
39MNCRB6		18	20	26
P420 QH		89	100	129
SA 508 Gr. 3		143	161	209
SA 765 Gr. 4		43	49	63
A694 F65		40	45	58
A182 F1		99	112	145
33MNCRMOB5		40	45	58
37MNCRMOB5		34	39	50
35MNB5		18	20	26
1DRB		33	37	47
47TS2		12	14	18
PS30 SAE 4715		147	165	214
PS55		276	310	402
43crnimo4.6		168	189	244
X30Cr13		183	206	260
92520		153	172	223
TK28A		56	64	82
F22 MOD		234	263	340
TS45.02		5	6	7
86CrMoV7		99	111	143
56NiCrMoV7		270	304	393
0078 A		99	111	144
STE500/GSA10		84	95	123
V2906		41	46	60
20NiCr6		121	137	177
UC1		6	7	9
V2905-95		42	47	61
V2908-95		14	16	20
V2525-70		102	114	148
V2527-70		148	167	215
VW 4227		23	26	32
VW 4521		197	222	287
VW1427		68	76	99
ZF 1		141	159	205
ZF 1 A		203	228	295
ZF 6		30	34	43
ZF 49		62	70	91
ZF 50		5	6	8
ZF 63		22	24	31
ZF 64		20	22	28
ZF 7 B		25	28	36