

**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 Gennaio 2019 - valid for January 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
<b>Acciai per bulloneria / Bolts and nuts steels</b>				
38 Cr 1 KB	EN 10263	11	12	15
38 Cr 2 KB	EN 10263-4	15	16	21
34 - 41Cr 4 KB	EN 10263-4	23	26	32
25 - 42 CrMo 4 KB	EN 10263-4	62	70	90
30 -40 NiCrMo 2 KB	EN 10263	91	102	132
38 NiCrMo 4 KB	EN 10263	107	120	155
34 CrNiMo 6 KB	EN 10263-4	160	180	233
40 NiCrMo 7 KB	EN 10263	168	189	244
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		10	11	15
41 Cr 4	EN 10083.1	23	26	33
36 CrMn 4	UNI 7847	25	28	35
51 CrV 4	EN 10083.1	207	232	301
25 - 42 CrMo 4	EN 10083.1	62	69	89
20-25 MoCr4		91	103	133
40 NiCrMo 2	EN 10083.1	85	95	123
36CrNiMo4	EN 10083.1	112	126	163
39 NiCrMo 3	EN 10083.1	106	119	154
40 NiCrMo 7	UNI 6926	169	190	245
30CrNiMo 8	EN 10083.1	229	258	333
30 NiCrMo 12		276	310	402
30 NiCrMoV 12	UNI 6787	411	462	598
36 NiCrMo 16	EN 10083.1	319	359	464
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	24	27	35
20 MnCr 5	EN 10084	28	32	41
SAE 94B17		51	58	75
18 CrMo 4	EN 10084	57	65	83
12 NiCr 3		52	58	75
16 - 20 CrNi 4	EN 10084	78	88	114
16 NiCr 11	EN 10084	176	198	256
16 - 20 NiCrMo 2	EN 10084	81	91	118
18 NiCrMo 5	EN 10084	135	152	196
17 CrNiMo 6	EN 10084	183	206	266
18 NiCrMo 7	EN 10084	186	209	270

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
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	121	136	175
31 CrMoV 9	EN 10085	231	260	336
34 - 42CrAlMo 7	EN 10085	85	95	123
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	23	25	32
36 CrMn 4	UNI 7847	25	29	36
41 CrMo 4	UNI 7847	56	63	81
40 NiCrMo 3	UNI 7847	106	119	153
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	99	112	145
14 CrMo 3	EN 10216	113	127	164
18 CrMoSi 4	EN 10222	122	138	178
11 CrMo 9 10	EN 10222.2	212	239	308
16 CrMo 20 5	EN 10216.2	177	200	255
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	209	235	304
X 12 Ni 09	EN10222-4	533	600	777
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	28	32	40
100 CrMo 7	EN 683.17	75	85	109
100 CrMn 4	EN 683.17	23	26	33
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	17	20	25
60 SiCr 8	EN 10089	24	27	35
52 SiCrNi 5	EN 10089	64	72	92
45 SiCrMo 6	EN 10089	59	66	85
55 Cr 3	EN 10089	19	21	27
50 CrV 4	EN 10089	197	221	286
51 CrMoV 4	EN 10089	215	242	314
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	123	139	180
19 - 46 MnVS 6	EN 10267	124	139	181
38MnSiVS6		125	141	183
D25M6		137	154	200
48MnV3		109	122	159
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	5	5	7
1.0432	C21	9	10	12
1.0460	P250GH	4	5	6
1.0482	19Mn5	11	12	16
1.0503	C45	4	5	6
1.0511	C40	4	5	6
1.0528	C30	4	5	6
1.0535	C55	6	7	9
1.0540	C50	5	5	7
1.0553	S355J0	11	12	16
1.0565	P355NH	10	12	15
1.0566	P355NL1	8	9	12
1.0570	S355J2G3	9	10	13
1.0577	S355J2	10	11	15
1.0721	10S20	7	8	10
1.0764	36SMn14	10	11	14
1.1108	10Mn4	9	10	13
1.1127	38Mn6	12	13	17
1.1132	C15E2C	5	6	7
1.1140	C15R	5	5	7
1.1141	C15E	4	5	6
1.1160	22Mn6	12	14	18
1.1167	36Mn5	9	10	13

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
1.1181	C35E	5	6	8
1.1191	C45E/CK45	6	7	8
1.1197	25MnV5	71	79	103
1.1201	C45R	4	5	6
1.1206	C50E	5	5	7
1.1213	CF53	3	4	5
1.1219	C56E2	5	5	7
1.1231	C67S	7	7	10
1.1236	C66D2	4	4	6
1.1241	C50R	5	5	7
1.1301	19MnVS6	123	139	180
1.1302	30MnVS6	124	139	181
1.1303	38MnVS6	134	151	195
1.1304	46MnVD6	134	151	195
1.1305	46MnVS3	150	169	219
1.2007	70Cr2	17	19	25
1.2067	102Cr6	28	32	40
1.2242	59CrV4	126	142	183
1.2826	60MnSiCr4	18	20	26
1.3505	100Cr6	28	32	40
1.3520	100CrMnSi6-4	42	47	60
1.3531	16CrNiMo6	171	193	249
1.3536	100CrMo7-3	82	92	119
1.3537	100CrMo7	67	76	97
1.3538	100CrMo7-4	112	126	162
1.3539	100CrMnMoSi8-4-6	134	151	194
1.4903	X10CrMoVNb9-1	553	622	800
1.5066	30Mn5	10	12	15
1.5216	17MnV6	164	185	239
1.5217	20MnV6	164	184	239
1.5223	42MnV7	114	128	167
1.5231	38MnSiVS5	125	141	183
1.5232	27MnSiVS6	135	152	197
1.5233	44MnSiVS6	135	152	197
1.5415	16Mo3	57	64	82
1.5423	16Mo5	98	110	142
1.5523	19MnB4	6	7	9
1.5526	30MNB4	11	13	17
1.5532	38MnB5	8	9	12
1.5662	X 8 Ni 9	532	598	775
1.5708	12NiCr3	50	56	72
1.5715	16NiCrS4	78	88	114
1.5752	15NiCr13	210	236	305
1.5810	18 NiCr 5-4	101	113	146
1.5918	17 CrNi 6-6	120	135	174
1.6510	39 NiCrMo 3	101	113	146
1.6511	36 CrNiMo 4	121	136	175
1.6522	20 NiCrMo 2	79	89	115
1.6523	20 NiCrMo 2-2	81	91	118
1.6526	20NiCrMoS2-2	80	90	116
1.6527	20NiCrMo3	94	105	136
1.6541	23 MnNiCrMo 5 2	91	102	132
1.6562	40 NiCrMo 8-4	187	210	272
1.6563	41 NiCrMo 7-3-2	169	190	245
1.6566	17 NiCrMo 6-4	135	152	196
1.6580	30 CrNiMo 8	229	258	333
1.6582	34 CrNiMo 6	154	174	224
1.6587	18 CrNiMo 7-6	183	206	266
1.6657	14 NiCrMo 13-4	251	283	366
1.6758	23 MnNiMoCr 5-4	168	189	245
1.6782	16NiCrMo12-6	262	295	382

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
1.6959	35 NiCrMoV 12-5	437	492	637
1.7016	17Cr3	20	23	29
1.7033	34Cr4	23	26	33
1.7034	37Cr4	23	26	33
1.7035	41Cr4	23	26	33
1.7039	41CrS4	23	26	33
1.7043	38Cr4	23	26	33
1.7076	32CrB4	22	24	31
1.7077	36CrB4	22	25	32
1.7117	52SiCrNi5	64	72	92
1.7131	16 MnCr 5	25	28	35
1.7137	60 MnCrB 3	20	23	29
1.7139	16 MnCrS 5	25	28	35
1.7147	20 MnCr 5	28	32	41
1.7148	30MnCrB4-2	28	32	41
1.7149	20 MnCrS 5	28	32	41
1.7160	16 MnCrB 5	23	25	32
1.7168	18 MnCrB 5	26	29	37
1.7176	55Cr3	22	25	32
1.7177	60Cr3	17	20	25
1.7182	27 MnCrB 5 2	15	17	22
1.7185	33 MnCrB 5 2	16	18	23
1.7213	25 CrMoS 4	60	67	86
1.7216	30 CrMo 4	54	61	78
1.7218	25CrMo4	60	67	86
1.7220	34 CrMo 4	60	67	86
1.7223	41 CrMo 4	61	69	88
1.7225	42CrMo4	62	69	89
1.7226	34 CrMoS 4	62	69	89
1.7227	42 CrMoS 4	62	69	89
1.7228	50 CrMo 4	61	69	88
1.7243	18 CrMo 4	57	65	83
1.7311	20CrMo2	75	85	109
1.7319	20 MoCrS 3	79	88	114
1.7321	20 MoCr 4	90	101	131
1.7323	20 MoCrS 4	90	101	131
1.7325	25 MoCr 4	91	103	133
1.7326	25 MoCrS 4	91	103	133
1.7335	13 CrMo 4-5	95	107	138
1.7362	X12CrMo5	176	198	254
1.7380	10 CrMo 9 10	211	237	306
1.7383	11 CrMo 9-10	211	238	307
1.7386	X 12 CrMo 9 1	329	370	474
1.7701	52CrMoV4	215	242	314
1.8062	46SiCrMo6	63	71	92
1.8159	51CrV4	207	232	301
1.8161	58 CrV 4	176	198	257
1.8201	7CrWVMoNb9-6	322	362	468
1.8515	31 CrMo 12	120	135	173
1.8519	31 CrMoV 9	231	260	336
1.8550	34 CrAlNi 7-10	129	145	187
1.8871	P460QH	72	81	106
1.8901	S 460 N	254	286	370
1.8905	P 460 N	54	61	79
1.8907	StE 500	66	74	96
1.8915	P460NL1	59	66	85
1.8928	S690QL	135	152	196

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
1E 836\1E 1120		52	59	76
1E 0778		63	71	92
1E 1054		76	85	110
1E 0769		11	13	16
1E 0509		54	60	78
1E 0621		8	9	11
1E 0686		10	11	15
1E 0951		43	48	62
1E1058		65	73	94
STE 690		209	235	304
1E 0669		8	9	11
1E1497		113	127	165
42CrMo4+Ni+V		187	210	271
F11		101	113	146
F22		208	233	301
B30		14	16	20
123-35MnCrB5		21	23	30
113-35CrB5		23	26	33
108-C40Mn		15	17	22
22MnV6		167	188	243
107-38MnV5		140	157	204
42CrMo4 PBK		66	75	96
42CrMo4 JMBK		79	89	115
X19NiCrMo4		292	328	425
30NiCrMoV7		246	276	358
21CrMoV5.11		506	569	737
A193 B16	ASTM	414	466	604
605M36		54	61	78
MTS 238 / SAE 1141/I		12	13	17
A320 L7		83	93	120
SAE 4320 JDM		164	185	239
A 1041 F		11	13	16
RES166380		46	52	67
RES 10460		18	21	27
8630/vgs		151	170	219
86B45 H		76	85	110
AMS 6418		200	224	291
AISI 8720		84	95	123
SAE 8627H		78	88	114
SAE 8822H		100	113	146
Steel 9313		240	270	350
B222-8		89	100	129
B222-5		51	57	73
B79		102	115	149
JDM 4320		159	179	232
PS65		22	24	31
B222-6(4122 MOD)		45	51	65
B63-2 (V2525-60)		94	105	136
VSCH CRNI 2525 HL		87	97	126
92421		97	109	141
V 2525-50		104	117	151
23CrMoB3		73	82	106
92523		112	126	162
B46-1		139	156	202
B63-1		89	100	129
Aisi 4718		131	148	191
Aisi 4815		302	340	441
1.1301-1.1302 mod		133	149	193

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
23MCD5		59	66	85
1 E 1286		101	114	147
30 Cr Si Mo V 663		194	218	282
41CrS4 Mod 27		39	44	56
15CrNi6		119	133	172
ste890		187	210	271
23MnNiCrMo5.2		96	108	139
TK23F		50	56	73
S1060		208	234	303
25CRNIMO2		118	133	172
SAE 8620		81	91	118
D60SiMn5/ A1		22	25	32
39MNCRB6		19	22	28
P420 QH		98	110	143
SA 508 Gr. 3		134	150	195
SA 765 Gr. 4		72	81	105
A694 F65		86	97	125
A182 F1		100	112	145
33MNCRMOB5		42	47	60
37MNCRMOB5		36	41	52
35MNB5		20	22	28
1DRB		35	40	51
47TS2		14	16	20
PS30 SAE 4715		137	154	199
PS55		249	280	362
43crnimo4.6		148	167	216
X30Cr13		215	242	304
92520		135	152	196
TK28A		51	58	74
F22 MOD		234	263	340
V2906		93	105	136
V2908-95		16	18	23
V2525-70		87	98	126
V2527-70		129	145	187
VW 4227		25	28	35
VW 4521		172	193	250
VW1427		154	173	225
ZF 1		120	135	174
ZF 1 A		183	206	265
ZF 6		33	37	47
ZF 49		147	166	215
ZF 50		6	7	9
ZF 63		25	28	36
ZF 64		23	26	33
ZF 7 B		28	32	41