

**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 2018 - valid for May 2018 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	13	15	19
38 Cr 2 KB	EN 10263-4	18	20	25
34 - 41Cr 4 KB	EN 10263-4	27	30	38
25 - 42 CrMo 4 KB	EN 10263-4	63	71	91
30 -40 NiCrMo 2 KB	EN 10263	100	112	145
38 NiCrMo 4 KB	EN 10263	119	134	173
34 CrNiMo 6 KB	EN 10263-4	183	206	265
40 NiCrMo 7 KB	EN 10263	193	217	281
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		13	14	19
41 Cr 4	EN 10083.1	27	31	39
36 CrMn 4	UNI 7847	29	32	41
51 CrV 4	EN 10083.1	108	121	156
25 - 42 CrMo 4	EN 10083.1	62	70	90
20-25 MoCr4		88	99	128
40 NiCrMo 2	EN 10083.1	93	104	135
36CrNiMo4	EN 10083.1	127	143	185
39 NiCrMo 3	EN 10083.1	118	133	172
40 NiCrMo 7	UNI 6926	194	219	283
30CrNiMo 8	EN 10083.1	259	291	376
30 NiCrMo 12		314	353	457
30 NiCrMoV 12	UNI 6787	375	422	546
36 NiCrMo 16	EN 10083.1	373	420	543
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	28	32	41
20 MnCr 5	EN 10084	33	37	47
SAE 94B17		57	64	83
18 CrMo 4	EN 10084	58	66	85
12 NiCr 3		64	72	92
16 - 20 CrNi 4	EN 10084	96	108	139
16 NiCr 11	EN 10084	217	244	316
16 - 20 NiCrMo 2	EN 10084	89	100	130
18 NiCrMo 5	EN 10084	155	174	225
17 CrNiMo 6	EN 10084	206	232	300
18 NiCrMo 7	EN 10084	210	236	305

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<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	123	138	177
31 CrMoV 9	EN 10085	149	168	215
34 - 42CrAlMo 7	EN 10085	86	97	125
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	26	30	38
36 CrMn 4	UNI 7847	30	33	42
41 CrMo 4	UNI 7847	57	64	82
40 NiCrMo 3	UNI 7847	119	134	173
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	94	105	137
14 CrMo 3	EN 10216	109	123	158
18 CrMoSi 4	EN 10222	122	137	177
11 CrMo 9 10	EN 10222.2	205	231	298
16 CrMo 20 5	EN 10216.2	180	203	259
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	258	290	377
X 12 Ni 09	EN10222-4	660	743	963
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	32	37	46
100 CrMo 7	EN 683.17	77	86	111
100 CrMn 4	EN 683.17	25	29	36
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	29	33	42
60 SiCr 8	EN 10089	38	42	55
52 SiCrNi 5	EN 10089	83	93	120
45 SiCrMo 6	EN 10089	67	75	97
55 Cr 3	EN 10089	22	25	32
50 CrV 4	EN 10089	103	116	150
51 CrMoV 4	EN 10089	128	144	186
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	64	72	93
19 - 46 MnVS 6	EN 10267	65	73	95
38MnSiVS6		68	76	98
D25M6		72	81	104
48MnV3		54	61	78
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	6	7	9
1.0432	C21	11	12	16
1.0460	P250GH	5	5	7
1.0482	19Mn5	15	17	22
1.0503	C45	5	5	7
1.0511	C40	5	5	7
1.0528	C30	5	5	7
1.0535	C55	5	6	8
1.0540	C50	5	6	8
1.0553	S355J0	13	15	19
1.0565	P355NH	13	15	19
1.0566	P355NL1	9	10	13
1.0570	S355J2G3	9	11	14
1.0577	S355J2	12	14	18
1.0721	10S20	9	10	13
1.0764	36SMn14	11	12	15
1.1108	10Mn4	11	12	16
1.1127	38Mn6	14	16	21
1.1132	C15E2C	7	8	10
1.1140	C15R	7	7	10
1.1141	C15E	6	7	9
1.1160	22Mn6	15	17	22
1.1167	36Mn5	9	11	14
1.1181	C35E	7	8	11
1.1191	C45E/CK45	8	9	11

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.1197	25MnV5	39	44	57
1.1201	C45R	5	5	7
1.1206	C50E	5	6	8
1.1213	CF53	4	4	6
1.1219	C56E2	5	6	8
1.1231	C67S	9	10	13
1.1236	C66D2	6	6	8
1.1241	C50R	5	6	8
1.1301	19MnVS6	64	72	93
1.1302	30MnVS6	65	73	95
1.1303	38MnVS6	70	78	101
1.1304	46MnVD6	69	78	101
1.1305	46MnVS3	74	83	108
1.2007	70Cr2	20	23	29
1.2067	102Cr6	32	37	46
1.2242	59CrV4	73	82	105
1.2826	60MnSiCr4	25	28	36
1.3505	100Cr6	32	37	46
1.3520	100CrMnSi6-4	50	56	72
1.3531	16CrNiMo6	192	216	279
1.3536	100CrMo7-3	84	94	121
1.3537	100CrMo7	70	78	100
1.3538	100CrMo7-4	111	125	161
1.3539	100CrMnMoSi8-4-6	134	151	194
1.4903	X10CrMoVNb9-1	431	485	622
1.5066	30Mn5	13	14	19
1.5216	17MnV6	81	91	119
1.5217	20MnV6	81	91	118
1.5223	42MnV7	60	67	87
1.5231	38MnSiVS5	68	76	98
1.5232	27MnSiVS6	72	81	104
1.5233	44MnSiVS6	72	81	104
1.5415	16Mo3	54	61	79
1.5423	16Mo5	90	102	132
1.5523	19MnB4	7	8	10
1.5532	38MnB5	9	10	13
1.5662	X 8 Ni 9	659	741	961
1.5708	12NiCr3	60	68	87
1.5715	16NiCrS4	96	108	139
1.5752	15NiCr13	259	291	377
1.5810	18 NiCr 5-4	122	137	177
1.5918	17 CrNi 6-6	145	163	211
1.6510	39 NiCrMo 3	112	126	162
1.6511	36 CrNiMo 4	135	152	196
1.6522	20 NiCrMo 2	85	96	124
1.6523	20 NiCrMo 2-2	89	100	129
1.6526	20NiCrMoS2-2	87	97	126
1.6527	20NiCrMo3	104	117	151
1.6541	23 MnNiCrMo 5 2	97	109	141
1.6562	40 NiCrMo 8-4	211	238	308
1.6563	41 NiCrMo 7-3-2	194	219	283
1.6566	17 NiCrMo 6-4	155	174	225
1.6580	30 CrNiMo 8	259	291	376
1.6582	34 CrNiMo 6	175	197	255
1.6587	18 CrNiMo 7-6	206	232	300
1.6657	14 NiCrMo 13-4	296	332	430
1.6758	23 MnNiMoCr 5-4	176	198	257
1.6782	16NiCrMo12-6	302	339	439

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.6959	35 NiCrMoV 12-5	396	446	577
1.7016	17Cr3	24	27	34
1.7033	34Cr4	27	31	39
1.7034	37Cr4	27	31	39
1.7035	41Cr4	27	31	39
1.7039	41CrS4	27	31	39
1.7043	38Cr4	27	31	39
1.7076	32CrB4	24	27	34
1.7077	36CrB4	25	28	35
1.7117	52SiCrNi5	83	93	120
1.7131	16 MnCr 5	29	32	41
1.7137	60 MnCrB 3	23	26	34
1.7139	16 MnCrS 5	29	32	41
1.7147	20 MnCr 5	33	37	47
1.7148	30MnCrB4-2	33	37	47
1.7149	20 MnCrS 5	33	37	47
1.7160	16 MnCrB 5	25	28	36
1.7168	18 MnCrB 5	30	34	43
1.7176	55Cr3	26	30	38
1.7177	60Cr3	19	22	28
1.7182	27 MnCrB 5 2	17	19	24
1.7185	33 MnCrB 5 2	17	20	25
1.7213	25 CrMoS 4	59	66	85
1.7216	30 CrMo 4	55	61	79
1.7218	25CrMo4	59	66	85
1.7220	34 CrMo 4	59	66	85
1.7223	41 CrMo 4	62	70	90
1.7225	42CrMo4	62	70	90
1.7226	34 CrMoS 4	62	70	90
1.7227	42 CrMoS 4	62	70	90
1.7228	50 CrMo 4	62	69	89
1.7243	18 CrMo 4	58	66	85
1.7311	20CrMo2	74	83	107
1.7319	20 MoCrS 3	77	87	112
1.7321	20 MoCr 4	87	98	126
1.7323	20 MoCrS 4	87	98	126
1.7325	25 MoCr 4	88	99	128
1.7326	25 MoCrS 4	88	99	128
1.7335	13 CrMo 4-5	93	104	134
1.7362	X12CrMo5	178	200	255
1.7380	10 CrMo 9 10	203	229	295
1.7383	11 CrMo 9-10	204	229	295
1.7386	X 12 CrMo 9 1	336	378	483
1.7701	52CrMoV4	128	144	186
1.8062	46SiCrMo6	71	80	103
1.8070	21 CrMoV 5-11	183	206	267
1.8159	51CrV4	106	119	153
1.8161	58 CrV 4	95	107	138
1.8201	7CrWVMoNb9-6	181	203	262
1.8515	31 CrMo 12	120	135	173
1.8519	31 CrMoV 9	149	168	215
1.8550	34 CrAlNi 7-10	145	163	211
1.8871	P460QH	41	46	59
1.8901	S 460 N	161	181	234
1.8905	P 460 N	65	73	94
1.8907	StE 500	78	88	114
1.8915	P460NL1	69	77	100

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1E 836\1E 1120		52	58	75
1E 0778		63	70	91
1E 1054		74	84	108
1E 0769		14	15	20
1E 0509		55	62	80
1E 0621		10	11	15
1E 0686		12	14	18
1E 0951		44	50	64
1E1058		65	73	94
STE 690		181	204	264
1E 0669		10	11	15
1E1497		59	66	85
42CrMo4+Ni+V		136	153	198
F11		100	112	145
F22		198	223	287
B30		17	19	25
123-35MnCrB5		25	28	35
113-35CrB5		27	31	39
108-C40Mn		18	21	26
22MnV6		93	105	135
107-38MnV5		68	76	99
42CrMo4 PBK		67	75	97
42CrMo4 JMBK		79	89	114
X19NiCrMo4		350	394	510
30NiCrMoV7		234	264	341
21CrMoV5.11		306	345	446
A193 B16	ASTM	239	269	348
605M36		53	60	77
MTS 238 / SAE 1141/I		15	17	22
A320 L7		87	98	127
SAE 4320 JDM		190	214	277
A 1041 F		14	16	20
RES166380		47	53	68
RES 10460		22	24	32
8630/vgs		161	181	234
86B45 H		82	93	120
AMS 6418		231	259	336
AISI 8720		93	104	135
SAE 8627H		86	97	125
SAE 8822H		105	118	153
Steel 9313		289	325	420
B222-8		90	101	130
B222-5		52	58	75
B79		108	121	157
JDM 4320		184	207	268
PS65		25	28	36
B222-6(4122 MOD)		46	52	67
B63-2 (V2525-60)		107	121	156
VSCH CRNI 2525 HL		102	114	147
V 2525-50		117	131	170
23CrMoB3		72	81	105
92523		129	145	187
B46-1		158	178	230
B63-1		108	121	156
Aisi 4718		143	161	209
Aisi 4815		321	361	468
1.1301-1.1302 mod		67	75	97

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
23MCD5		65	73	93
1 E 1286		62	70	90
30 Cr Si Mo V 663		144	162	209
41CrS4 Mod 27		42	47	61
15CrNi6		144	163	209
ste890		176	198	256
23MnNiCrMo5.2		104	117	151
TK23F		61	69	89
SAE 8620		89	100	130
D60SiMn5/ A1		31	35	45
39MNCRB6		23	25	33
P420 QH		91	102	133
SA 508 Gr. 3		139	156	202
SA 765 Gr. 4		48	54	70
A694 F65		45	51	66
A182 F1		94	105	137
33MNCRMOB5		43	49	63
37MNCRMOB5		38	43	55
35MNB5		23	26	33
1DRB		39	43	56
47TS2		17	19	24
PS30 SAE 4715		144	162	210
V2906		47	53	69
V2908-95		21	24	30
V2527-70		155	174	225
VW 4227		27	31	39
VW 4521		193	217	281
VW1427		78	88	114
ZF 1		145	163	211
ZF 1 A		206	232	299
ZF 6		36	40	51
ZF 49		68	76	99
ZF 50		8	9	12
ZF 63		29	33	42
ZF 64		27	31	39
ZF 7 B		33	37	47