

**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 Agosto 2019 - valid for August 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	7	8	10
38 Cr 2 KB	EN 10263-4	10	11	14
34 - 41Cr 4 KB	EN 10263-4	14	16	20
25 - 42 CrMo 4 KB	EN 10263-4	51	58	75
30 -40 NiCrMo 2 KB	EN 10263	94	106	137
38 NiCrMo 4 KB	EN 10263	111	125	161
34 CrNiMo 6 KB	EN 10263-4	170	191	247
40 NiCrMo 7 KB	EN 10263	187	210	272
Acciai da bonifica / Hardening and tempering steels				
QS1105200		8	9	12
41 Cr 4	EN 10083.1	14	16	21
36 CrMn 4	UNI 7847	16	18	22
51 CrV 4	EN 10083.1	50	56	73
25 - 42 CrMo 4	EN 10083.1	51	57	73
20-25 MoCr4		82	92	119
40 NiCrMo 2	EN 10083.1	87	97	126
36CrNiMo4	EN 10083.1	117	132	171
39 NiCrMo 3	EN 10083.1	110	124	161
40 NiCrMo 7	UNI 6926	188	212	275
30CrNiMo 8	EN 10083.1	243	274	354
30 NiCrMo 12		312	351	455
30 NiCrMoV 12	UNI 6787	340	383	496
36 NiCrMo 16	EN 10083.1	363	409	529
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	16	18	23
20 MnCr 5	EN 10084	18	21	27
SAE 94B17		50	57	73
18 CrMo 4	EN 10084	47	52	68
12 NiCr 3		57	64	83
16 - 20 CrNi 4	EN 10084	86	97	126
16 NiCr 11	EN 10084	212	239	309
16 - 20 NiCrMo 2	EN 10084	83	93	121
18 NiCrMo 5	EN 10084	147	165	213
17 CrNiMo 6	EN 10084	192	215	279
18 NiCrMo 7	EN 10084	203	228	296

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Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	95	107	137
31 CrMoV 9	EN 10085	87	98	126
34 - 41CrAlMo 7	EN 10085	68	77	99
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	14	16	20
36 CrMn 4	UNI 7847	16	18	23
41 CrMo 4	UNI 7847	46	51	66
40 NiCrMo 3	UNI 7847	111	125	162
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	93	105	135
14 CrMo 3	EN 10216	100	113	146
18 CrMoSi 4	EN 10222	104	117	152
11 CrMo 9 10	EN 10222.2	185	208	269
16 CrMo 20 5	EN 10216.2	136	152	196
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	265	298	386
X 12 Ni 09	EN10222-4	677	762	987
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	16	18	23
100 CrMo 7	EN 683.17	59	66	85
100 CrMn 4	EN 683.17	16	18	22
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	8	9	12
60 SiCr 8	EN 10089	12	13	17
52 SiCrNi 5	EN 10089	60	68	87
45 SiCrMo 6	EN 10089	44	50	65
55 Cr 3	EN 10089	12	14	18
50 CrV 4	EN 10089	48	54	70
51 CrMoV 4	EN 10089	77	87	113
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	31	34	45
19 - 46 MnVS 6	EN 10267	31	35	45
38MnSiVS6		31	35	46
D25M6		35	40	51
48MnV3		25	28	37
Acciai vari / Other steels				
1.0038	S235JR	3	4	5
1.0432	C21	7	8	10
1.0460	P250GH	4	4	6
1.0482	19Mn5	8	9	12
1.0503	C45	4	4	6
1.0511	C40	4	4	6
1.0528	C30	4	4	6
1.0535	C55	5	6	7
1.0540	C50	5	5	7
1.0553	S355J0	10	11	14
1.0565	P355NH	8	9	12
1.0566	P355NL1	8	9	11
1.0570	S355J2G3	8	9	12
1.0577	S355J2	9	10	13
1.0721	10S20	6	7	9
1.0764	36SMn14	9	10	13
1.1108	10Mn4	7	8	11
1.1127	38Mn6	10	11	14
1.1132	C15E2C	4	4	5
1.1140	C15R	3	4	5
1.1141	C15E	3	3	4
1.1160	22Mn6	10	11	15
1.1167	36Mn5	8	9	12

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.1181	C35E	4	4	6
1.1191	C45E/CK45	4	5	6
1.1197	25MnV5	20	22	28
1.1201	C45R	4	4	6
1.1206	C50E	5	5	7
1.1213	CF53	3	4	5
1.1219	C56E2	5	5	7
1.1231	C67S	5	6	7
1.1236	C66D2	3	3	4
1.1241	C50R	5	5	7
1.1301	19MnVS6	31	34	45
1.1302	30MnVS6	31	35	45
1.1303	38MnVS6	33	37	48
1.1304	46MnVD6	33	37	48
1.1305	46MnVS3	33	37	48
1.2007	70Cr2	11	13	16
1.2067	102Cr6	16	18	23
1.2242	59CrV4	35	39	51
1.2826	60MnSiCr4	11	12	15
1.3505	100Cr6	16	18	23
1.3520	100CrMnSi6-4	29	33	42
1.3531	16CrNiMo6	182	204	264
1.3536	100CrMo7-3	65	73	94
1.3537	100CrMo7	51	57	74
1.3538	100CrMo7-4	94	105	136
1.3539	100CrMnMoSi8-4-6	113	127	163
1.4903	X10CrMoVNb9-1	301	339	436
1.5066	30Mn5	9	10	13
1.5216	17MnV6	39	44	57
1.5217	20MnV6	39	44	56
1.5223	42MnV7	31	34	45
1.5231	38MnSiVS5	31	35	46
1.5232	27MnSiVS6	33	37	48
1.5233	44MnSiVS6	33	37	48
1.5415	16Mo3	52	59	76
1.5423	16Mo5	92	104	135
1.5523	19MnB4	6	7	9
1.5526	30MnB4	9	10	13
1.5532	38MnB5	8	9	12
1.5662	X 8 Ni 9	676	760	985
1.5708	12NiCr3	56	63	82
1.5715	16NiCrS4	86	97	126
1.5752	15NiCr13	254	286	370
1.5810	18 NiCr 5-4	115	129	167
1.5918	17 CrNi 6-6	134	151	195
1.6510	39 NiCrMo 3	107	120	155
1.6511	36 CrNiMo 4	128	144	186
1.6522	20 NiCrMo 2	82	93	120
1.6523	20 NiCrMo 2-2	83	94	121
1.6526	20NiCrMoS2-2	83	93	121
1.6527	20NiCrMo3	101	114	147
1.6541	23 MnNiCrMo 5 2	93	105	136
1.6562	40 NiCrMo 8-4	205	231	299
1.6563	41 NiCrMo 7-3-2	188	212	275
1.6566	17 NiCrMo 6-4	147	165	213
1.6580	30 CrNiMo 8	243	274	354
1.6582	34 CrNiMo 6	166	186	241
1.6587	18 CrNiMo 7-6	192	215	279
1.6657	14 NiCrMo 13-4	294	331	429
1.6758	23 MnNiMoCr 5-4	175	197	255
1.6782	16NiCrMo12-6	294	330	428

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.6959	35 NiCrMoV 12-5	355	399	517
1.7016	17Cr3	13	14	18
1.7033	34Cr4	14	16	21
1.7034	37Cr4	14	16	21
1.7035	41Cr4	14	16	21
1.7039	41CrS4	14	16	21
1.7043	38Cr4	14	16	21
1.7076	32CrB4	14	16	20
1.7077	36CrB4	15	17	21
1.7117	52SiCrNi5	60	68	87
1.7131	16 MnCr 5	16	18	23
1.7137	60 MnCrB 3	13	15	19
1.7139	16 MnCrS 5	16	18	23
1.7147	20 MnCr 5	18	21	26
1.7148	30MnCrB4-2	18	21	26
1.7149	20 MnCrS 5	18	21	26
1.7160	16 MnCrB 5	16	17	22
1.7168	18 MnCrB 5	17	19	24
1.7176	55Cr3	14	16	20
1.7177	60Cr3	12	13	17
1.7182	27 MnCrB 5 2	12	13	17
1.7185	33 MnCrB 5 2	12	14	18
1.7213	25 CrMoS 4	50	56	73
1.7216	30 CrMo 4	44	50	64
1.7218	25CrMo4	50	56	73
1.7220	34 CrMo 4	50	56	73
1.7223	41 CrMo 4	50	56	73
1.7225	42CrMo4	51	57	73
1.7226	34 CrMoS 4	51	57	73
1.7227	42 CrMoS 4	51	57	73
1.7228	50 CrMo 4	50	56	73
1.7243	18 CrMo 4	47	52	68
1.7311	20CrMo2	66	75	97
1.7319	20 MoCrS 3	69	77	100
1.7321	20 MoCr 4	81	92	119
1.7323	20 MoCrS 4	81	92	119
1.7325	25 MoCr 4	82	92	119
1.7326	25 MoCrS 4	82	92	119
1.7335	13 CrMo 4-5	84	94	122
1.7337	16 CrMo 4-4	86	97	125
1.7362	X12CrMo5	136	153	196
1.7380	10 CrMo 9 10	185	208	268
1.7383	11 CrMo 9-10	185	208	269
1.7386	X 12 CrMo 9 1	249	280	360
1.7701	52CrMoV4	77	87	113
1.7765	32CrMoV12-10	248	278	360
1.8062	46SiCrMo6	49	55	71
1.8159	51CrV4	50	56	73
1.8161	58 CrV 4	44	50	64
1.8201	7CrWVMoNb9-6	99	112	144
1.8515	31 CrMo 12	95	107	137
1.8519	31 CrMoV 9	87	98	126
1.8550	34 CrAlNi 7-10	133	149	193
1.8871	P460QH	22	24	31
1.8901	S 460 N	115	129	168
1.8905	P 460 N	59	67	87
1.8907	StE 500	72	82	106
1.8915	P460NL1	62	70	90
1.8928	S690QL	147	165	213
1E 836\1E 1120		46	52	67
1E 0778		55	61	79

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 1054		66	74	95
1E 0769		10	11	14
1E 0509		44	49	63
1E 0621		6	7	9
1E 0686		8	9	12
1E 0951		36	41	53
1E1058		54	61	79
STE 690		165	186	240
1E 0669		6	7	9
1E1497		28	32	41
42CrMo4+Ni+V		100	112	145
F11		86	97	125
F22		183	206	266
B30		11	12	16
123-35MnCrB5		15	16	21
113-35CrB5		15	17	21
108-C40Mn		11	13	16
22MnV6		51	58	75
107-38MnV5		32	36	46
42CrMo4 PBK		55	62	80
42CrMo4 JMBK		67	76	98
X19NiCrMo4		345	388	503
30NiCrMoV7		214	241	312
21CrMoV5.11		241	271	350
A193 B16	ASTM	155	175	226
605M36		50	56	73
MTS 238 / SAE 1141/I		10	11	14
A320 L7		76	86	111
SAE 4320 JDM		186	210	272
A 1041 F		9	11	14
RES166380		39	44	57
RES 10460		16	18	23
8630/vgs		151	170	220
86B45 H		75	85	110
AMS 6418		215	242	313
AISI 8720		86	97	126
SAE 8627H		79	89	116
SAE 8822H		99	112	144
Steel 9313		280	315	407
B222-8		81	92	118
B222-5		43	48	62
B79		101	114	148
JDM 4320		180	203	263
PS65		14	16	21
B222-6(4122 MOD)		38	43	55
B63-2 (V2525-60)		98	110	142
VSCH CRNI 2525 HL		92	104	134
92421		86	96	125
92216		18	21	26
92145		37	41	53
92523 Pinion		117	132	171
92523 Crown Wheel		119	134	173
V 2525-50		108	122	157
23CrMoB3		63	71	91
92523		119	134	173
B46-1		150	169	218
B63-1		99	111	143
18NCD4 RENAULT (C9)		96	108	140
Aisi 4718		139	157	203
Aisi 4815		312	351	455
1.1301-1.1302 mod		32	36	47

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
23MCD5		51	57	73
1 E 1286		31	35	44
30 Cr Si Mo V 663		84	95	122
41CrS4 Mod 27		28	32	41
15CrNi6		130	146	189
ste890		203	229	296
23MnNiCrMo5.2		98	110	143
TK23F		54	60	78
S1060		224	252	326
25CRNIMO2		118	133	172
SAE 8620		83	93	121
D60SiMn5/ A1		13	14	18
39MNCRB6		14	16	21
P420 QH		80	90	116
SA 508 Gr. 3		138	155	201
SA 765 Gr. 4		31	35	45
A694 F65		23	26	33
A182 F1		93	105	136
33MNCRMOB5		35	39	51
37MNCRMOB5		30	34	43
35MNB5		14	16	21
1DRB		27	31	40
47TS2		10	11	15
PS30 SAE 4715		140	157	204
PS55		266	299	387
43crnimo4.6		160	180	233
X30Cr13		121	136	171
C50+MO		14	16	21
AISI410		135	152	192
92520		147	165	213
TK28A		53	60	77
F22 MOD		212	239	309
TS45.02		5	5	7
86CrMoV7		71	80	103
56NiCrMoV7		239	269	348
0078 A		82	92	119
STE500/GSA10		45	50	65
V2906		22	25	32
20NiCr6		116	131	169
UC1		5	6	7
V2905-95		22	25	32
V2908-95		12	13	17
V2525-70		97	109	141
V2527-70		140	158	204
VW 4227		17	19	24
VW 4521		191	215	278
VW1427		37	41	53
ZF 1		134	151	195
ZF 1 A		192	216	279
ZF 6		24	27	35
ZF 49		32	36	47
ZF 50		4	5	7
ZF 63		16	18	22
ZF 64		14	16	20
ZF 7 B		18	21	26