

**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 Novembre 2019 - valid for November 2019 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	rds 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	6	7	9
38 Cr 2 KB	EN 10263-4	9	10	13
34 - 41Cr 4 KB	EN 10263-4	13	15	19
25 - 42 CrMo 4 KB	EN 10263-4	51	58	74
30 -40 NiCrMo 2 KB	EN 10263	127	143	185
38 NiCrMo 4 KB	EN 10263	154	173	225
34 CrNiMo 6 KB	EN 10263-4	247	278	360
40 NiCrMo 7 KB	EN 10263	279	314	406
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		7	8	10
41 Cr 4	EN 10083.1	14	16	20
36 CrMn 4	UNI 7847	15	17	21
51 CrV 4	EN 10083.1	41	46	59
25 - 42 CrMo 4	EN 10083.1	50	57	73
20-25 MoCr4		82	92	119
40 NiCrMo 2	EN 10083.1	114	128	166
36CrNiMo4	EN 10083.1	169	190	245
39 NiCrMo 3	EN 10083.1	154	173	224
40 NiCrMo 7	UNI 6926	282	317	411
30CrNiMo 8	EN 10083.1	352	395	512
30 NiCrMo 12		463	521	675
30 NiCrMoV 12	UNI 6787	488	549	711
36 NiCrMo 16	EN 10083.1	561	631	817
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	15	17	22
20 MnCr 5	EN 10084	17	20	25
SAE 94B17		65	73	94
18 CrMo 4	EN 10084	46	52	67
12 NiCr 3		90	101	131
16 - 20 CrNi 4	EN 10084	136	153	198
16 NiCr 11	EN 10084	350	394	510
16 - 20 NiCrMo 2	EN 10084	111	124	161
18 NiCrMo 5	EN 10084	215	242	314
17 CrNiMo 6	EN 10084	274	308	399
18 NiCrMo 7	EN 10084	295	332	430

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<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	96	108	139
31 CrMoV 9	EN 10085	80	91	116
34 - 41CrAlMo 7	EN 10085	68	77	99
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	14	15	19
36 CrMn 4	UNI 7847	15	17	22
41 CrMo 4	UNI 7847	45	51	66
40 NiCrMo 3	UNI 7847	157	176	228
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	93	104	135
14 CrMo 3	EN 10216	100	113	146
18 CrMoSi 4	EN 10222	105	118	152
11 CrMo 9 10	EN 10222.2	186	209	271
16 CrMo 20 5	EN 10216.2	138	155	199
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	443	499	646
X 12 Ni 09	EN10222-4	1137	1279	1658
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	16	18	23
100 CrMo 7	EN 683.17	59	67	86
100 CrMn 4	EN 683.17	15	17	21
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	7	7	10
60 SiCr 8	EN 10089	10	12	15
52 SiCrNi 5	EN 10089	90	101	131
45 SiCrMo 6	EN 10089	44	49	63
55 Cr 3	EN 10089	12	13	17
50 CrV 4	EN 10089	39	44	57
51 CrMoV 4	EN 10089	69	78	101
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	23	26	34
19 - 46 MnVS 6	EN 10267	24	26	34
38MnSiVS6		24	27	35
D25M6		28	31	40
48MnV3		19	22	28
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	3	3	4
1.0432	C21	6	6	8
1.0460	P250GH	3	4	5
1.0482	19Mn5	7	7	9
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	7	10
1.0577	S355J2	7	8	10
1.0721	10S20	5	5	7
1.0764	36SMn14	7	8	11
1.1108	10Mn4	6	7	9
1.1127	38Mn6	8	9	12
1.1132	C15E2C	3	3	4

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.1140	C15R	3	3	4
1.1141	C15E	2	3	3
1.1160	22Mn6	8	9	12
1.1167	36Mn5	7	7	10
1.1181	C35E	3	4	5
1.1191	C45E/CK45	4	4	5
1.1197	25MnV5	15	17	22
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	3
1.1241	C50R	4	4	5
1.1301	19MnVS6	23	26	34
1.1302	30MnVS6	24	26	34
1.1303	38MnVS6	25	28	36
1.1304	46MnVD6	25	28	36
1.1305	46MnVS3	25	28	36
1.2007	70Cr2	10	12	15
1.2067	102Cr6	16	18	23
1.2242	59CrV4	29	33	42
1.2826	60MnSiCr4	9	10	13
1.3505	100Cr6	16	18	23
1.3520	100CrMnSi6-4	33	38	48
1.3531	16CrNiMo6	262	294	381
1.3536	100CrMo7-3	65	73	95
1.3537	100CrMo7	51	58	74
1.3538	100CrMo7-4	94	106	136
1.3539	100CrMnMoSi8-4-6	113	127	164
1.4903	X10CrMoVNb9-1	295	332	427
1.5066	30Mn5	7	8	10
1.5216	17MnV6	30	34	43
1.5217	20MnV6	29	33	43
1.5223	42MnV7	23	26	34
1.5231	38MnSiVS5	24	27	35
1.5232	27MnSiVS6	25	28	37
1.5233	44MnSiVS6	25	28	37
1.5415	16Mo3	52	58	76
1.5423	16Mo5	92	104	134
1.5523	19MnB4	5	5	7
1.5526	30MNB4	8	9	12
1.5527	40MnB4	8	10	12
1.5532	38MnB5	6	7	9
1.5662	X 8 Ni 9	1136	1278	1657
1.5708	12NiCr3	89	100	130
1.5715	16NiCrS4	136	153	198
1.5752	15NiCr13	420	473	613
1.5810	18 NiCr 5-4	184	207	267
1.5918	17 CrNi 6-6	213	240	310
1.6510	39 NiCrMo 3	150	169	219
1.6511	36 CrNiMo 4	182	204	265
1.6522	20 NiCrMo 2	110	124	160
1.6523	20 NiCrMo 2-2	111	125	161
1.6526	20NiCrMoS2-2	111	125	161
1.6527	20NiCrMo3	141	159	206
1.6541	23 MnNiCrMo 5 2	121	136	176
1.6562	40 NiCrMo 8-4	299	336	435
1.6563	41 NiCrMo 7-3-2	282	317	411
1.6566	17 NiCrMo 6-4	215	242	314

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.6580	30 CrNiMo 8	352	395	512
1.6582	34 CrNiMo 6	243	273	353
1.6587	18 CrNiMo 7-6	274	308	399
1.6657	14 NiCrMo 13-4	461	518	672
1.6758	23 MnNiMoCr 5-4	226	254	329
1.6782	16NiCrMo12-6	442	497	643
1.6959	35 NiCrMoV 12-5	502	565	732
1.7016	17Cr3	12	14	17
1.7033	34Cr4	14	16	20
1.7034	37Cr4	14	16	20
1.7035	41Cr4	14	16	20
1.7039	41CrS4	14	16	20
1.7043	38Cr4	14	16	20
1.7076	32CrB4	14	15	19
1.7077	36CrB4	15	16	21
1.7117	52SiCrNi5	90	101	131
1.7131	16 MnCr 5	15	17	22
1.7137	60 MnCrB 3	12	14	18
1.7139	16 MnCrS 5	15	17	22
1.7147	20 MnCr 5	17	20	25
1.7148	30MnCrB4-2	17	20	25
1.7149	20 MnCrS 5	17	20	25
1.7160	16 MnCrB 5	15	16	21
1.7168	18 MnCrB 5	16	18	23
1.7176	55Cr3	13	15	19
1.7177	60Cr3	11	13	16
1.7182	27 MnCrB 5 2	10	12	15
1.7185	33 MnCrB 5 2	11	12	16
1.7213	25 CrMoS 4	50	56	72
1.7216	30 CrMo 4	44	50	64
1.7218	25CrMo4	50	56	72
1.7220	34 CrMo 4	50	56	72
1.7223	41 CrMo 4	50	56	72
1.7225	42CrMo4	50	57	73
1.7226	34 CrMoS 4	50	57	73
1.7227	42 CrMoS 4	50	57	73
1.7228	50 CrMo 4	50	56	72
1.7243	18 CrMo 4	46	52	67
1.7311	20CrMo2	66	74	96
1.7319	20 MoCrS 3	68	76	99
1.7321	20 MoCr 4	81	91	118
1.7323	20 MoCrS 4	81	91	118
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	138	155	199
1.7380	10 CrMo 9 10	186	209	270
1.7383	11 CrMo 9-10	186	209	271
1.7386	X 12 CrMo 9 1	254	286	367
1.7701	52CrMoV4	69	78	101
1.7765	32CrMoV12-10	235	264	341
1.8062	46SiCrMo6	48	54	70
1.8159	51CrV4	41	46	59
1.8161	58 CrV 4	36	41	52
1.8201	7CrWVMoNb9-6	88	99	127
1.8515	31 CrMo 12	96	108	139
1.8519	31 CrMoV 9	80	91	116
1.8550	34 CrAlNi 7-10	190	213	276
1.8871	P460QH	17	19	24

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		Ingots & continuous casting	rsc billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.8901	S 460 N	123	138	179
1.8905	P 460 N	86	97	125
1.8907	StE 500	107	120	155
1.8915	P460NL1	86	96	125
1.8928	S690QL	215	242	314
1E 836\1E 1120		45	51	66
1E 0778		54	61	78
1E 1054		65	73	95
1E 0769		8	9	11
1E 0509		43	49	63
1E 0621		5	6	7
1E 0686		7	8	10
1E 0951		35	40	51
1E1058		54	61	79
STE 690		205	231	299
1E 0669		5	6	7
1E1497		22	25	32
42CrMo4+Ni+V		115	129	167
F11		87	97	126
F22		184	207	268
B30		9	10	13
123-35MnCrB5		13	15	19
113-35CrB5		14	16	20
108-C40Mn		10	11	14
22MnV6		51	58	75
107-38MnV5		24	27	35
42CrMo4 PBK		55	62	80
42CrMo4 JMBK		67	76	98
X19NiCrMo4		553	622	806
30NiCrMoV7		302	339	440
21CrMoV5.11		227	255	330
A193 B16	ASTM	141	158	205
605M36		48	54	70
MTS 238 / SAE 1141/I		8	9	12
A320 L7		90	102	131
SAE 4320 JDM		281	316	410
A 1041 F		8	9	11
RES166380		38	42	55
RES 10460		13	14	19
8630/vgs		194	219	283
86B45 H		96	108	140
AMS 6418		307	345	448
AISI 8720		115	130	168
SAE 8627H		105	119	154
SAE 8822H		122	137	177
Steel 9313		446	502	650
B222-8		89	101	130
B222-5		42	47	60
B79		127	142	184
JDM 4320		271	304	394
PS65		13	15	19
B222-6(4122 MOD)		37	42	54
B63-2 (V2525-60)		141	158	205
VSCH CRNI 2525 HL		138	155	201
92421		85	96	124
92216		17	20	25
92145		28	31	41
92523 Pinion		173	195	252

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
92523 Crown Wheel		174	196	253
V 2525-50		151	170	220
23CrMoB3		62	70	91
92523		174	196	253
B46-1		219	246	319
B63-1		155	174	225
18NCD4 RENAULT (C9)		152	171	221
Aisi 4718		190	214	277
Aisi 4815		486	547	708
1.1301-1.1302 mod		25	28	36
23MCD5		60	67	87
1 E 1286		26	29	38
30 Cr Si Mo V 663		79	89	114
41CrS4 Mod 27		28	31	40
15CrNi6		207	233	301
ste890		298	335	434
23MnNiCrMo5.2		127	143	186
TK23F		81	91	117
S1060		324	364	472
25CRNIMO2		150	168	218
SAE 8620		111	124	161
D60SiMn5/ A1		11	13	17
39MNCRB6		13	14	18
P420 QH		109	122	159
SA 508 Gr. 3		170	191	248
SA 765 Gr. 4		34	39	50
A694 F65		18	20	26
A182 F1		93	105	136
33MNCRMOB5		34	38	49
37MNCRMOB5		29	32	42
35MNB5		13	14	18
1DRB		26	30	38
47TS2		9	10	13
PS30 SAE 4715		178	200	259
PS55		360	405	525
43crnimo4.6		234	263	341
X30Cr13		126	142	179
C50+MO		13	15	20
AISI410		158	177	225
92520		215	242	314
TK28A		75	84	109
F22 MOD		232	261	338
TS45.02		4	4	5
86CrMoV7		67	76	98
56NiCrMoV7		321	361	468
0078 A		93	104	135
STE500/GSA10		34	38	49
V2906		17	19	25
20NiCr6		185	208	269
UC1		4	5	6
30CRMOV10F		145	164	211
V2905-95		17	19	24
V2908-95		10	11	14
V2525-70		153	172	222
V2527-70		219	246	318
VW 4227		16	18	23
VW 4521		278	312	405
VW1427		28	31	41
ZF 1		213	240	310
ZF 1 A		274	308	398
ZF 6		23	26	33

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		Ingots & continuous casting	rsc billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
ZF 49		24	27	35
ZF 50		4	4	5
ZF 63		15	17	21
ZF 64		14	16	20
ZF 7 B		17	20	25