

**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 Dicembre 2019 - valid for December 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	rbs 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	6	8
38 Cr 2 KB	EN 10263-4	8	9	11
34 - 41Cr 4 KB	EN 10263-4	13	14	18
25 - 42 CrMo 4 KB	EN 10263-4	35	39	50
30 -40 NiCrMo 2 KB	EN 10263	104	116	151
38 NiCrMo 4 KB	EN 10263	129	145	188
34 CrNiMo 6 KB	EN 10263-4	213	239	309
40 NiCrMo 7 KB	EN 10263	241	271	351
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		5	6	7
41 Cr 4	EN 10083.1	13	15	18
36 CrMn 4	UNI 7847	14	15	20
51 CrV 4	EN 10083.1	33	37	47
25 - 42 CrMo 4	EN 10083.1	35	39	50
20-25 MoCr4		50	57	73
40 NiCrMo 2	EN 10083.1	92	104	134
36CrNiMo4	EN 10083.1	144	162	210
39 NiCrMo 3	EN 10083.1	129	145	187
40 NiCrMo 7	UNI 6926	244	274	355
30CrNiMo 8	EN 10083.1	300	338	437
30 NiCrMo 12		396	445	577
30 NiCrMoV 12	UNI 6787	415	467	605
36 NiCrMo 16	EN 10083.1	494	556	720
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	13	15	19
20 MnCr 5	EN 10084	16	18	23
SAE 94B17		53	59	77
18 CrMo 4	EN 10084	32	36	46
12 NiCr 3		82	92	119
16 - 20 CrNi 4	EN 10084	124	139	180
16 NiCr 11	EN 10084	319	359	466
16 - 20 NiCrMo 2	EN 10084	90	101	131
18 NiCrMo 5	EN 10084	186	209	271
17 CrNiMo 6	EN 10084	233	263	340
18 NiCrMo 7	EN 10084	251	282	366

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	68	77	98
31 CrMoV 9	EN 10085	61	68	87
34 - 41CrAlMo 7	EN 10085	47	53	68
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	12	14	18
36 CrMn 4	UNI 7847	14	16	20
41 CrMo 4	UNI 7847	31	35	45
40 NiCrMo 3	UNI 7847	132	149	193
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	55	62	80
14 CrMo 3	EN 10216	63	71	91
18 CrMoSi 4	EN 10222	67	75	97
11 CrMo 9 10	EN 10222.2	118	133	171
16 CrMo 20 5	EN 10216.2	100	113	145
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	404	454	589
X 12 Ni 09	EN10222-4	1036	1165	1511
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	16	18	22
100 CrMo 7	EN 683.17	42	47	61
100 CrMn 4	EN 683.17	13	15	19
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	5	6	8
60 SiCr 8	EN 10089	9	10	13
52 SiCrNi 5	EN 10089	82	92	119
45 SiCrMo 6	EN 10089	29	33	42
55 Cr 3	EN 10089	10	12	15
50 CrV 4	EN 10089	32	35	46
51 CrMoV 4	EN 10089	49	55	71
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	17	20	25
19 - 46 MnVS 6	EN 10267	18	20	26
38MnSiVS6		18	20	26
D25M6		21	24	31
48MnV3		14	16	21
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	2	2	3
1.0432	C21	4	5	6
1.0460	P250GH	2	3	3
1.0482	19Mn5	5	6	7
1.0503	C45	2	3	3
1.0511	C40	2	3	3
1.0528	C30	2	3	3
1.0535	C55	3	3	4
1.0540	C50	3	3	4
1.0553	S355J0	6	6	8
1.0565	P355NH	5	6	7
1.0566	P355NL1	5	5	7
1.0570	S355J2G3	5	6	7
1.0577	S355J2	5	6	8
1.0721	10S20	4	4	5
1.0764	36SMn14	5	6	8
1.1108	10Mn4	4	5	7
1.1127	38Mn6	6	7	9
1.1132	C15E2C	2	2	3

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.1140	C15R	2	2	3
1.1141	C15E	2	2	3
1.1160	22Mn6	6	7	9
1.1167	36Mn5	5	6	7
1.1181	C35E	2	3	3
1.1191	C45E/CK45	3	3	4
1.1197	25MnV5	11	13	16
1.1201	C45R	2	3	3
1.1206	C50E	3	3	4
1.1213	CF53	2	2	3
1.1219	C56E2	3	3	4
1.1231	C67S	3	4	5
1.1236	C66D2	2	2	3
1.1241	C50R	3	3	4
1.1301	19MnVS6	17	20	25
1.1302	30MnVS6	18	20	26
1.1303	38MnVS6	19	21	27
1.1304	46MnVD6	19	21	27
1.1305	46MnVS3	18	21	27
1.2007	70Cr2	9	10	13
1.2067	102Cr6	16	18	22
1.2242	59CrV4	24	27	35
1.2826	60MnSiCr4	8	9	11
1.3505	100Cr6	16	18	22
1.3520	100CrMnSi6-4	31	35	44
1.3531	16CrNiMo6	224	251	325
1.3536	100CrMo7-3	46	52	66
1.3537	100CrMo7	37	42	54
1.3538	100CrMo7-4	63	70	91
1.3539	100CrMnMoSi8-4-6	74	84	108
1.4903	X10CrMoVNb9-1	221	249	320
1.5066	30Mn5	5	6	8
1.5216	17MnV6	22	25	32
1.5217	20MnV6	22	25	32
1.5223	42MnV7	17	20	25
1.5231	38MnSiVS5	18	20	26
1.5232	27MnSiVS6	19	21	27
1.5233	44MnSiVS6	19	21	27
1.5415	16Mo3	31	35	45
1.5423	16Mo5	54	61	79
1.5523	19MnB4	4	4	5
1.5526	30MNB4	7	7	10
1.5527	40MnB4	7	8	10
1.5532	38MnB5	5	5	7
1.5662	X 8 Ni 9	1035	1165	1510
1.5708	12NiCr3	81	92	119
1.5715	16NiCrS4	124	139	180
1.5752	15NiCr13	383	431	559
1.5810	18 NiCr 5-4	168	188	244
1.5918	17 CrNi 6-6	195	219	284
1.6510	39 NiCrMo 3	126	142	184
1.6511	36 CrNiMo 4	154	173	224
1.6522	20 NiCrMo 2	89	101	130
1.6523	20 NiCrMo 2-2	90	101	131
1.6526	20NiCrMoS2-2	90	101	131
1.6527	20NiCrMo3	118	133	172
1.6541	23 MnNiCrMo 5 2	96	108	140
1.6562	40 NiCrMo 8-4	254	285	370
1.6563	41 NiCrMo 7-3-2	244	274	355
1.6566	17 NiCrMo 6-4	186	209	271

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.6580	30 CrNiMo 8	300	338	437
1.6582	34 CrNiMo 6	210	236	305
1.6587	18 CrNiMo 7-6	233	263	340
1.6657	14 NiCrMo 13-4	407	458	594
1.6758	23 MnNiMoCr 5-4	176	198	256
1.6782	16NiCrMo12-6	382	430	557
1.6959	35 NiCrMoV 12-5	426	479	620
1.7016	17Cr3	11	12	16
1.7033	34Cr4	13	15	18
1.7034	37Cr4	13	15	18
1.7035	41Cr4	13	15	18
1.7039	41CrS4	13	15	18
1.7043	38Cr4	13	15	18
1.7076	32CrB4	13	14	18
1.7077	36CrB4	13	15	19
1.7117	52SiCrNi5	82	92	119
1.7131	16 MnCr 5	14	15	19
1.7137	60 MnCrB 3	11	12	16
1.7139	16 MnCrS 5	14	15	19
1.7147	20 MnCr 5	16	18	23
1.7148	30MnCrB4-2	16	18	23
1.7149	20 MnCrS 5	16	18	23
1.7160	16 MnCrB 5	13	15	19
1.7168	18 MnCrB 5	14	16	21
1.7176	55Cr3	12	13	17
1.7177	60Cr3	10	11	14
1.7182	27 MnCrB 5 2	9	10	13
1.7185	33 MnCrB 5 2	9	10	13
1.7213	25 CrMoS 4	34	38	49
1.7216	30 CrMo 4	30	34	43
1.7218	25CrMo4	34	38	49
1.7220	34 CrMo 4	34	38	49
1.7223	41 CrMo 4	34	38	49
1.7225	42CrMo4	34	38	49
1.7226	34 CrMoS 4	34	38	49
1.7227	42 CrMoS 4	34	38	49
1.7228	50 CrMo 4	34	38	49
1.7243	18 CrMo 4	32	36	46
1.7311	20CrMo2	42	47	60
1.7319	20 MoCrS 3	44	49	63
1.7321	20 MoCr 4	50	56	72
1.7323	20 MoCrS 4	50	56	72
1.7325	25 MoCr 4	50	57	73
1.7326	25 MoCrS 4	50	57	73
1.7335	13 CrMo 4-5	53	59	77
1.7337	16 CrMo 4-4	55	62	80
1.7362	X12CrMo5	100	113	145
1.7380	10 CrMo 9 10	118	133	171
1.7383	11 CrMo 9-10	118	133	171
1.7386	X 12 CrMo 9 1	186	209	268
1.7701	52CrMoV4	49	55	71
1.7765	32CrMoV12-10	156	175	226
1.8062	46SiCrMo6	32	36	46
1.8159	51CrV4	33	37	47
1.8161	58 CrV 4	29	33	43
1.8201	7CrWVMoNb9-6	66	74	95
1.8515	31 CrMo 12	68	77	99
1.8519	31 CrMoV 9	61	68	87
1.8550	34 CrAlNi 7-10	163	183	237
1.8871	P460QH	12	14	18

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.8901	S 460 N	92	103	134
1.8905	P 460 N	75	84	109
1.8907	StE 500	93	105	136
1.8915	P460NL1	73	82	106
1.8928	S690QL	186	209	271
1E 836\1E 1120		29	33	42
1E 0778		35	40	51
1E 1054		42	48	61
1E 0769		6	7	8
1E 0509		30	33	43
1E 0621		4	4	6
1E 0686		5	6	7
1E 0951		24	27	34
1E1058		36	41	52
STE 690		159	179	232
1E 0669		4	4	6
1E1497		17	19	24
42CrMo4+Ni+V		91	102	132
F11		55	62	80
F22		116	131	169
B30		7	8	11
123-35MnCrB5		11	13	16
113-35CrB5		13	15	19
108-C40Mn		8	9	12
22MnV6		42	48	62
107-38MnV5		18	20	26
42CrMo4 PBK		37	42	54
42CrMo4 JMBK		44	50	64
X19NiCrMo4		495	557	722
30NiCrMoV7		255	286	371
21CrMoV5.11		144	162	210
A193 B16	ASTM	93	105	136
605M36		29	33	43
MTS 238 / SAE 1141/I		6	7	9
A320 L7		69	78	101
SAE 4320 JDM		243	273	354
A 1041 F		6	6	8
RES166380		25	28	37
RES 10460		10	11	14
8630/vgs		153	173	223
86B45 H		77	87	112
AMS 6418		258	290	376
AISI 8720		94	106	137
SAE 8627H		86	97	125
SAE 8822H		93	104	135
Steel 9313		401	451	584
B222-8		63	71	92
B222-5		28	31	41
B79		98	110	142
JDM 4320		234	263	341
PS65		12	13	17
B222-6(4122 MOD)		25	28	36
B63-2 (V2525-60)		122	138	178
VSCH CRNI 2525 HL		122	138	178
92421		54	61	78
92216		16	18	23
92145		21	23	30
92523 Pinion		152	171	221

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		Ingots & continuous casting	rca billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
92523 Crown Wheel		151	170	220
V 2525-50		128	144	186
23CrMoB3		41	46	59
92523		151	170	220
B46-1		188	211	274
B63-1		141	159	205
18NCD4 RENAULT (C9)		138	156	202
Aisi 4718		155	174	226
Aisi 4815		428	482	624
1.1301-1.1302 mod		18	21	27
23MCD5		49	55	71
1 E 1286		22	25	32
30 Cr Si Mo V 663		57	64	83
41CrS4 Mod 27		22	24	31
15CrNi6		189	213	276
ste890		256	288	373
23MnNiCrMo5.2		102	115	149
TK23F		73	82	106
S1060		276	310	402
25CRNIMO2		116	131	169
SAE 8620		90	101	131
D60SiMn5/ A1		10	11	14
39MNCRB6		10	12	15
P420 QH		92	104	134
SA 508 Gr. 3		127	143	185
SA 765 Gr. 4		29	33	42
A694 F65		13	15	19
A182 F1		55	62	80
33MNCRMOB5		23	26	33
37MNCRMOB5		20	22	29
35MNB5		11	12	15
1DRB		19	22	28
47TS2		7	8	10
PS30 SAE 4715		138	155	200
PS55		290	326	423
43crnimo4.6		202	227	294
X30Cr13		125	141	177
C50+MO		8	9	12
AISI410		154	173	220
92520		186	209	271
TK28A		65	73	95
F22 MOD		160	180	233
TS45.02		3	3	4
86CrMoV7		48	54	70
56NiCrMoV7		265	298	386
0078 A		70	79	102
STE500/GSA10		25	28	37
V2906		13	14	18
20NiCr6		169	190	245
UC1		3	4	5
30CRMOV10F		107	120	155
V2905-95		12	14	18
V2908-95		8	9	11
V2525-70		139	156	202
V2527-70		198	222	288
VW 4227		14	16	21
VW 4521		236	265	343
VW1427		21	23	30
ZF 1		195	219	284
ZF 1 A		233	262	339
ZF 6		18	20	26

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		Ingots & continuous casting	rsc billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
ZF 49		18	20	26
ZF 50		3	3	4
ZF 63		14	16	20
ZF 64		13	14	18
ZF 7 B		16	18	23