

**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 Ottobre 2019 - valid for October 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	6	7	9
38 Cr 2 KB	EN 10263-4	9	10	12
34 - 41Cr 4 KB	EN 10263-4	13	15	19
25 - 42 CrMo 4 KB	EN 10263-4	50	57	73
30 -40 NiCrMo 2 KB	EN 10263	125	141	183
38 NiCrMo 4 KB	EN 10263	153	172	222
34 CrNiMo 6 KB	EN 10263-4	244	275	356
40 NiCrMo 7 KB	EN 10263	276	310	402
Acciai da bonifica / Hardening and tempering steels				
QS1105200		7	8	10
41 Cr 4	EN 10083.1	14	15	20
36 CrMn 4	UNI 7847	15	17	21
51 CrV 4	EN 10083.1	41	46	60
25 - 42 CrMo 4	EN 10083.1	50	56	72
20-25 MoCr4		81	91	117
40 NiCrMo 2	EN 10083.1	113	127	164
36CrNiMo4	EN 10083.1	167	188	243
39 NiCrMo 3	EN 10083.1	152	171	222
40 NiCrMo 7	UNI 6926	279	314	407
30CrNiMo 8	EN 10083.1	348	391	506
30 NiCrMo 12		458	516	668
30 NiCrMoV 12	UNI 6787	484	544	705
36 NiCrMo 16	EN 10083.1	555	625	809
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	15	17	21
20 MnCr 5	EN 10084	17	19	25
SAE 94B17		64	72	93
18 CrMo 4	EN 10084	46	51	66
12 NiCr 3		89	100	129
16 - 20 CrNi 4	EN 10084	135	151	196
16 NiCr 11	EN 10084	347	390	505
16 - 20 NiCrMo 2	EN 10084	109	123	159
18 NiCrMo 5	EN 10084	213	240	310
17 CrNiMo 6	EN 10084	271	305	394
18 NiCrMo 7	EN 10084	292	329	426

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Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	94	106	137
31 CrMoV 9	EN 10085	80	90	116
34 - 41CrAlMo 7	EN 10085	67	76	97
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	13	15	19
36 CrMn 4	UNI 7847	15	17	22
41 CrMo 4	UNI 7847	45	50	65
40 NiCrMo 3	UNI 7847	155	175	226
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	91	103	133
14 CrMo 3	EN 10216	99	112	144
18 CrMoSi 4	EN 10222	103	116	150
11 CrMo 9 10	EN 10222.2	184	207	267
16 CrMo 20 5	EN 10216.2	136	153	196
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	439	494	640
X 12 Ni 09	EN10222-4	1126	1267	1643
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	15	16	21
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	7	7	10
60 SiCr 8	EN 10089	10	11	15
52 SiCrNi 5	EN 10089	89	100	129
45 SiCrMo 6	EN 10089	43	49	63
55 Cr 3	EN 10089	11	13	16
50 CrV 4	EN 10089	40	45	58
51 CrMoV 4	EN 10089	70	78	101
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	24	27	35
19 - 46 MnVS 6	EN 10267	24	27	35
38MnSiVS6		25	28	36
D25M6		28	32	41
48MnV3		20	22	29
Acciai vari / Other steels				
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
1.1140	C15R	3	3	4
1.1141	C15E	2	3	3
1.1160	22Mn6	8	9	12
1.1167	36Mn5	7	7	10

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
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	24	27	35
1.1302	30MnVS6	24	27	35
1.1303	38MnVS6	26	29	37
1.1304	46MnVD6	26	29	37
1.1305	46MnVS3	26	29	37
1.2007	70Cr2	10	12	15
1.2067	102Cr6	16	18	23
1.2242	59CrV4	30	33	43
1.2826	60MnSiCr4	9	10	13
1.3505	100Cr6	16	18	23
1.3520	100CrMnSi6-4	33	37	47
1.3531	16CrNiMo6	259	291	377
1.3536	100CrMo7-3	64	72	93
1.3537	100CrMo7	51	57	73
1.3538	100CrMo7-4	93	104	134
1.3539	100CrMnMoSi8-4-6	111	125	161
1.4903	X10CrMoVNb9-1	292	329	423
1.5066	30Mn5	7	8	10
1.5216	17MnV6	31	34	45
1.5217	20MnV6	30	34	44
1.5223	42MnV7	24	27	35
1.5231	38MnSiVS5	25	28	36
1.5232	27MnSiVS6	26	29	38
1.5233	44MnSiVS6	26	29	38
1.5415	16Mo3	51	58	75
1.5423	16Mo5	91	102	133
1.5523	19MnB4	5	5	7
1.5526	30MnB4	8	9	12
1.5532	38MnB5	6	7	9
1.5662	X 8 Ni 9	1125	1266	1641
1.5708	12NiCr3	88	99	129
1.5715	16NiCrS4	135	151	196
1.5752	15NiCr13	416	468	607
1.5810	18 NiCr 5-4	182	204	265
1.5918	17 CrNi 6-6	211	237	307
1.6510	39 NiCrMo 3	148	167	216
1.6511	36 CrNiMo 4	180	202	262
1.6522	20 NiCrMo 2	109	122	159
1.6523	20 NiCrMo 2-2	110	123	160
1.6526	20NiCrMoS2-2	110	123	160
1.6527	20NiCrMo3	140	158	204
1.6541	23 MnNiCrMo 5 2	119	134	174
1.6562	40 NiCrMo 8-4	296	332	431
1.6563	41 NiCrMo 7-3-2	279	314	407
1.6566	17 NiCrMo 6-4	213	240	310
1.6580	30 CrNiMo 8	348	391	506
1.6582	34 CrNiMo 6	240	270	349
1.6587	18 CrNiMo 7-6	271	305	394
1.6657	14 NiCrMo 13-4	456	513	665
1.6758	23 MnNiMoCr 5-4	223	251	325
1.6782	16NiCrMo12-6	437	492	637

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1.6959	35 NiCrMoV 12-5	498	560	726
1.7016	17Cr3	12	13	17
1.7033	34Cr4	14	15	20
1.7034	37Cr4	14	15	20
1.7035	41Cr4	14	15	20
1.7039	41CrS4	14	15	20
1.7043	38Cr4	14	15	20
1.7076	32CrB4	13	15	19
1.7077	36CrB4	14	16	20
1.7117	52SiCrNi5	89	100	129
1.7131	16 MnCr 5	15	17	21
1.7137	60 MnCrB 3	12	14	17
1.7139	16 MnCrS 5	15	17	21
1.7147	20 MnCr 5	17	19	25
1.7148	30MnCrB4-2	17	19	25
1.7149	20 MnCrS 5	17	19	25
1.7160	16 MnCrB 5	14	16	21
1.7168	18 MnCrB 5	16	18	22
1.7176	55Cr3	13	14	18
1.7177	60Cr3	11	12	16
1.7182	27 MnCrB 5 2	10	12	15
1.7185	33 MnCrB 5 2	11	12	16
1.7213	25 CrMoS 4	49	55	71
1.7216	30 CrMo 4	44	49	63
1.7218	25CrMo4	49	55	71
1.7220	34 CrMo 4	49	55	71
1.7223	41 CrMo 4	49	55	71
1.7225	42CrMo4	50	56	72
1.7226	34 CrMoS 4	50	56	72
1.7227	42 CrMoS 4	50	56	72
1.7228	50 CrMo 4	49	55	71
1.7243	18 CrMo 4	46	51	66
1.7311	20CrMo2	65	73	95
1.7319	20 MoCrS 3	67	76	98
1.7321	20 MoCr 4	80	90	117
1.7323	20 MoCrS 4	80	90	117
1.7325	25 MoCr 4	81	91	117
1.7326	25 MoCrS 4	81	91	117
1.7335	13 CrMo 4-5	83	93	120
1.7337	16 CrMo 4-4	85	96	124
1.7362	X12CrMo5	136	153	196
1.7380	10 CrMo 9 10	183	206	267
1.7383	11 CrMo 9-10	184	207	267
1.7386	X 12 CrMo 9 1	250	281	361
1.7701	52CrMoV4	70	78	101
1.7765	32CrMoV12-10	234	263	340
1.8062	46SiCrMo6	47	53	69
1.8159	51CrV4	41	46	60
1.8161	58 CrV 4	37	41	53
1.8201	7CrWVMoNb9-6	88	99	128
1.8515	31 CrMo 12	94	106	137
1.8519	31 CrMoV 9	80	90	116
1.8550	34 CrAlNi 7-10	187	211	273
1.8871	P460QH	17	19	25
1.8901	S 460 N	123	138	179
1.8905	P 460 N	85	96	124
1.8907	StE 500	106	119	154
1.8915	P460NL1	85	95	124
1.8928	S690QL	213	240	310
1E 836\1E 1120		45	50	65
1E 0778		53	60	77

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		Ingots & continuous casting	billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 1054		64	72	93
1E 0769		8	9	11
1E 0509		43	48	62
1E 0621		5	6	7
1E 0686		7	8	10
1E 0951		35	39	51
1E1058		54	60	78
STE 690		204	229	297
1E 0669		5	6	7
1E1497		23	25	33
42CrMo4+Ni+V		114	129	166
F11		86	96	124
F22		182	205	264
B30		9	10	13
123-35MnCrB5		13	14	19
113-35CrB5		14	16	20
108-C40Mn		10	11	14
22MnV6		52	58	75
107-38MnV5		25	28	36
42CrMo4 PBK		54	61	78
42CrMo4 JMBK		66	75	96
X19NiCrMo4		547	616	798
30NiCrMoV7		299	336	436
21CrMoV5.11		226	254	329
A193 B16	ASTM	141	159	206
605M36		48	54	70
MTS 238 / SAE 1141/I		8	9	12
A320 L7		89	100	130
SAE 4320 JDM		278	313	406
A 1041 F		8	9	11
RES166380		37	42	54
RES 10460		13	14	19
8630/vgs		192	216	280
86B45 H		95	107	139
AMS 6418		304	342	443
AISI 8720		114	128	166
SAE 8627H		104	117	152
SAE 8822H		120	135	175
Steel 9313		442	497	644
B222-8		88	99	129
B222-5		41	46	60
B79		125	141	182
JDM 4320		268	301	390
PS65		13	15	19
B222-6(4122 MOD)		37	41	53
B63-2 (V2525-60)		139	156	202
VSCH CRNI 2525 HL		136	153	198
92421		84	95	123
92216		17	19	25
92145		29	32	42
92523 Pinion		171	193	250
92523 Crown Wheel		172	193	250
V 2525-50		149	168	218
23CrMoB3		62	69	90
92523		172	193	250
B46-1		217	244	315
B63-1		153	172	223
18NCD4 RENAULT (C9)		150	169	219
Aisi 4718		188	212	274
Aisi 4815		482	542	702
1.1301-1.1302 mod		25	28	37

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23MCD5		59	66	86
1 E 1286		26	30	38
30 Cr Si Mo V 663		79	88	114
41CrS4 Mod 27		28	31	40
15CrNi6		205	230	298
ste890		295	332	429
23MnNiCrMo5.2		126	142	184
TK23F		80	90	116
S1060		320	360	467
25CRNIMO2		148	166	215
SAE 8620		109	123	159
D60SiMn5/ A1		11	13	16
39MNCRB6		12	14	18
P420 QH		108	122	157
SA 508 Gr. 3		168	189	245
SA 765 Gr. 4		35	39	50
A694 F65		18	20	26
A182 F1		92	103	134
33MNCRMOB5		33	38	49
37MNCRMOB5		28	32	41
35MNB5		12	14	18
1DRB		26	29	38
47TS2		9	10	12
PS30 SAE 4715		176	198	256
PS55		356	401	520
43crnimo4.6		232	261	338
X30Cr13		123	138	174
C50+MO		13	15	19
AISI410		154	173	220
92520		213	240	310
TK28A		74	83	107
F22 MOD		229	258	334
TS45.02		4	4	5
86CrMoV7		67	75	97
56NiCrMoV7		318	358	464
0078 A		92	103	133
STE500/GSA10		35	39	51
V2906		17	19	25
20NiCr6		183	206	266
UC1		4	5	6
30CRMV10F		145	163	211
V2905-95		17	19	25
V2908-95		10	11	14
V2525-70		151	170	220
V2527-70		216	244	315
VW 4227		16	18	23
VW 4521		275	309	401
VW1427		29	32	42
ZF 1		211	237	307
ZF 1 A		271	305	394
ZF 6		23	26	33
ZF 49		25	28	37
ZF 50		4	4	5
ZF 63		15	17	21
ZF 64		14	15	19
ZF 7 B		17	19	25