

**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 Gennaio 2020 - valid for January 2020 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
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	6	7	8
38 Cr 2 KB	EN 10263-4	8	9	11
34 - 41Cr 4 KB	EN 10263-4	12	14	18
25 - 42 CrMo 4 KB	EN 10263-4	36	41	53
30 -40 NiCrMo 2 KB	EN 10263	92	103	133
38 NiCrMo 4 KB	EN 10263	112	127	164
34 CrNiMo 6 KB	EN 10263-4	182	204	264
40 NiCrMo 7 KB	EN 10263	204	230	297
Acciai da bonifica / Hardening and tempering steels				
QS1105200		6	6	8
41 Cr 4	EN 10083.1	13	14	18
36 CrMn 4	UNI 7847	13	15	19
51 CrV 4	EN 10083.1	28	31	40
25 - 42 CrMo 4	EN 10083.1	36	41	53
20-25 MoCr4		54	61	79
40 NiCrMo 2	EN 10083.1	82	92	120
36CrNiMo4	EN 10083.1	124	140	181
39 NiCrMo 3	EN 10083.1	112	126	163
40 NiCrMo 7	UNI 6926	206	232	301
30CrNiMo 8	EN 10083.1	257	290	375
30 NiCrMo 12		336	378	490
30 NiCrMoV 12	UNI 6787	351	395	512
36 NiCrMo 16	EN 10083.1	413	465	602
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	13	15	19
20 MnCr 5	EN 10084	15	17	22
SAE 94B17		48	53	69
18 CrMo 4	EN 10084	33	37	48
12 NiCr 3		68	76	99
16 - 20 CrNi 4	EN 10084	103	116	149
16 NiCr 11	EN 10084	261	294	381
16 - 20 NiCrMo 2	EN 10084	80	90	116
18 NiCrMo 5	EN 10084	158	178	230
17 CrNiMo 6	EN 10084	201	226	292
18 NiCrMo 7	EN 10084	215	242	313

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Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	70	78	101
31 CrMoV 9	EN 10085	57	64	82
34 - 41CrAlMo 7	EN 10085	49	55	71
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	12	14	17
36 CrMn 4	UNI 7847	14	16	20
41 CrMo 4	UNI 7847	32	36	47
40 NiCrMo 3	UNI 7847	115	129	167
Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	60	67	87
14 CrMo 3	EN 10216	67	76	98
18 CrMoSi 4	EN 10222	72	81	104
11 CrMo 9 10	EN 10222.2	126	141	182
16 CrMo 20 5	EN 10216.2	102	114	146
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	328	369	479
X 12 Ni 09	EN10222-4	842	947	1228
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	15	17	21
100 CrMo 7	EN 683.17	43	49	62
100 CrMn 4	EN 683.17	13	14	18
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	9	10	13
60 SiCr 8	EN 10089	12	14	18
52 SiCrNi 5	EN 10089	71	80	103
45 SiCrMo 6	EN 10089	33	37	48
55 Cr 3	EN 10089	10	12	15
50 CrV 4	EN 10089	27	30	39
51 CrMoV 4	EN 10089	46	52	67
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	15	17	22
19 - 46 MnVS 6	EN 10267	16	18	23
38MnSiVS6		16	19	24
D25M6		18	21	27
48MnV3		12	14	18
Acciai vari / Other steels				
1.0038	S235JR	3	3	4
1.0432	C21	5	5	7
1.0460	P250GH	2	3	4
1.0482	19Mn5	6	7	9
1.0503	C45	2	3	4
1.0511	C40	2	3	4
1.0528	C30	2	3	4
1.0535	C55	4	4	5
1.0540	C50	3	3	4
1.0553	S355J0	6	7	9
1.0565	P355NH	6	6	8
1.0566	P355NL1	5	5	7
1.0570	S355J2G3	5	6	7
1.0577	S355J2	6	6	8
1.0721	10S20	4	5	6
1.0726	35S20	5	6	7
1.0764	36SMn14	6	6	8
1.1108	10Mn4	5	6	7
1.1127	38Mn6	7	7	10
1.1132	C15E2C	3	3	4

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		Ingots & continuous casting	rps 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	7	8	10
1.1167	36Mn5	5	6	7
1.1181	C35E	3	3	4
1.1191	C45E/CK45	3	4	5
1.1197	25MnV5	10	12	15
1.1201	C45R	2	3	4
1.1206	C50E	3	3	4
1.1213	CF53	2	2	3
1.1219	C56E2	3	3	4
1.1231	C67S	4	4	5
1.1236	C66D2	2	2	3
1.1241	C50R	3	3	4
1.1301	19MnVS6	15	17	22
1.1302	30MnVS6	16	18	23
1.1303	38MnVS6	17	19	24
1.1304	46MnVD6	16	19	24
1.1305	46MnVS3	16	18	23
1.2007	70Cr2	9	11	13
1.2067	102Cr6	15	17	21
1.2242	59CrV4	21	24	31
1.2826	60MnSiCr4	9	11	14
1.3505	100Cr6	15	17	21
1.3520	100CrMnSi6-4	29	32	41
1.3531	16CrNiMo6	191	215	279
1.3536	100CrMo7-3	47	53	68
1.3537	100CrMo7	38	43	55
1.3538	100CrMo7-4	66	74	95
1.3539	100CrMnMoSi8-4-6	79	88	114
1.4903	X10CrMoVNb9-1	218	245	314
1.5066	30Mn5	6	7	9
1.5120	38MnSi4	7	8	10
1.5216	17MnV6	19	21	28
1.5217	20MnV6	19	21	27
1.5223	42MnV7	15	17	22
1.5231	38MnSiVS5	16	19	24
1.5232	27MnSiVS6	17	19	25
1.5233	44MnSiVS6	17	19	25
1.5415	16Mo3	34	38	50
1.5423	16Mo5	59	66	86
1.5523	19MnB4	4	4	5
1.5526	30MNB4	6	7	9
1.5527	40MnB4	7	8	11
1.5532	38MnB5	5	5	7
1.5662	X 8 Ni 9	841	946	1227
1.5708	12NiCr3	67	75	98
1.5715	16NiCrS4	103	116	149
1.5752	15NiCr13	313	352	457
1.5810	18 NiCr 5-4	138	155	200
1.5918	17 CrNi 6-6	160	180	233
1.6510	39 NiCrMo 3	109	123	159
1.6511	36 CrNiMo 4	132	149	193
1.6522	20 NiCrMo 2	79	89	115
1.6523	20 NiCrMo 2-2	80	90	117
1.6526	20NiCrMoS2-2	80	89	116
1.6527	20NiCrMo3	102	115	149
1.6541	23 MnNiCrMo 5 2	86	97	125
1.6562	40 NiCrMo 8-4	217	244	316
1.6563	41 NiCrMo 7-3-2	206	232	301
1.6566	17 NiCrMo 6-4	158	178	230

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.6580	30 CrNiMo 8	257	290	375
1.6582	34 CrNiMo 6	178	201	259
1.6587	18 CrNiMo 7-6	201	226	292
1.6657	14 NiCrMo 13-4	339	381	493
1.6758	23 MnNiMoCr 5-4	159	179	231
1.6782	16NiCrMo12-6	323	363	471
1.6959	35 NiCrMoV 12-5	362	407	527
1.7016	17Cr3	11	12	16
1.7033	34Cr4	13	14	18
1.7034	37Cr4	13	14	18
1.7035	41Cr4	13	14	18
1.7039	41CrS4	13	14	18
1.7043	38Cr4	13	14	18
1.7076	32CrB4	12	13	17
1.7077	36CrB4	13	14	18
1.7117	52SiCrNi5	71	80	103
1.7131	16 MnCr 5	13	15	19
1.7137	60 MnCrB 3	11	12	16
1.7139	16 MnCrS 5	13	15	19
1.7147	20 MnCr 5	15	17	22
1.7148	30MnCrB4-2	15	17	22
1.7149	20 MnCrS 5	15	17	22
1.7160	16 MnCrB 5	12	14	18
1.7168	18 MnCrB 5	14	16	20
1.7176	55Cr3	12	13	17
1.7177	60Cr3	10	11	14
1.7182	27 MnCrB 5 2	8	10	12
1.7185	33 MnCrB 5 2	9	10	13
1.7213	25 CrMoS 4	35	39	51
1.7216	30 CrMo 4	31	35	45
1.7218	25CrMo4	35	40	51
1.7220	34 CrMo 4	35	40	51
1.7223	41 CrMo 4	36	41	52
1.7225	42CrMo4	36	41	53
1.7226	34 CrMoS 4	36	41	53
1.7227	42 CrMoS 4	36	41	53
1.7228	50 CrMo 4	36	40	52
1.7243	18 CrMo 4	33	37	48
1.7311	20CrMo2	45	50	65
1.7319	20 MoCrS 3	46	52	67
1.7321	20 MoCr 4	54	61	78
1.7323	20 MoCrS 4	54	61	78
1.7325	25 MoCr 4	54	61	79
1.7326	25 MoCrS 4	54	61	79
1.7335	13 CrMo 4-5	56	64	82
1.7337	16 CrMo 4-4	59	66	85
1.7362	X12CrMo5	101	114	146
1.7380	10 CrMo 9 10	125	141	182
1.7383	11 CrMo 9-10	125	141	182
1.7386	X 12 CrMo 9 1	188	212	271
1.7701	52CrMoV4	46	52	67
1.7765	32CrMoV12-10	155	174	225
1.8062	46SiCrMo6	36	41	52
1.8159	51CrV4	28	31	40
1.8161	58 CrV 4	25	29	37
1.8201	7CrWVMoNb9-6	59	67	86
1.8515	31 CrMo 12	69	78	100
1.8519	31 CrMoV 9	57	64	82
1.8550	34 CrAlNi 7-10	140	157	203
1.8871	P460QH	11	13	17

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		Ingots & continuous casting	r/s billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.8901	S 460 N	83	93	121
1.8905	P 460 N	64	72	93
1.8907	StE 500	79	89	116
1.8915	P460NL1	63	71	92
1.8928	S690QL	158	178	230
1E 836\1E 1120		31	35	45
1E 0778		37	42	54
1E 1054		45	50	65
1E 0769		6	7	9
1E 0509		31	35	45
1E 0621		4	5	6
1E 0686		6	6	8
1E 0951		25	28	36
1E1058		38	43	55
STE 690		143	161	208
1E 0669		4	5	6
1E1497		15	16	21
42CrMo4+Ni+V		81	91	118
F11		59	67	86
F22		123	139	179
B30		8	9	11
123-35MnCrB5		11	13	16
113-35CrB5		13	14	18
108-C40Mn		8	9	12
22MnV6		36	40	52
107-38MnV5		15	17	22
42CrMo4 PBK		39	44	56
42CrMo4 JMBK		47	52	68
X19NiCrMo4		409	460	596
30NiCrMoV7		218	245	317
21CrMoV5.11		145	163	211
A193 B16	ASTM	90	101	131
605M36		32	36	47
MTS 238 / SAE 1141/I		7	7	10
A320 L7		65	73	94
SAE 4320 JDM		205	231	299
A 1041 F		6	7	9
RES166380		27	30	39
RES 10460		10	12	15
8630/vgs		139	156	202
86B45 H		70	78	101
AMS 6418		225	253	327
AISI 8720		84	94	122
SAE 8627H		76	86	111
SAE 8822H		86	97	125
Steel 9313		331	373	483
B222-8		62	70	91
B222-5		30	33	43
B79		90	101	131
JDM 4320		198	222	288
PS65		12	13	17
B222-6(4122 MOD)		26	29	38
B63-2 (V2525-60)		104	117	152
VSCH CRNI 2525 HL		103	116	150
92421		58	65	84
92216		15	17	22
92145		18	20	26
92523 Pinion		129	145	187

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		Ingots & continuous casting	rds billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
92523 Crown Wheel		129	145	187
V 2525-50		111	125	161
23CrMoB3		43	48	62
92523		129	145	187
B46-1		160	181	234
B63-1		116	131	170
18NCD4 RENAULT (C9)		115	129	167
Aisi 4718		136	153	199
Aisi 4815		355	399	518
1.1301-1.1302 mod		16	18	23
23MCD5		45	51	65
1 E 1286		20	22	28
30 Cr Si Mo V 663		58	65	84
41CrS4 Mod 27		22	25	32
15CrNi6		156	176	227
ste890		218	245	318
23MnNiCrMo5.2		92	103	133
TK23F		61	69	89
S1060		237	266	345
25CRNIMO2		106	120	155
SAE 8620		80	90	116
D60SiMn5/ A1		12	13	17
39MNCRB6		11	12	15
P420 QH		79	89	115
SA 508 Gr. 3		118	133	172
SA 765 Gr. 4		25	28	37
A694 F65		12	13	17
A182 F1		60	68	88
33MNCRMOB5		24	27	35
37MNCRMOB5		21	23	30
35MNB5		11	12	16
1DRB		20	23	29
47TS2		8	9	11
PS30 SAE 4715		125	141	183
PS55		256	288	373
43crnimo4.6		172	193	250
X30Cr13		115	129	163
C50+MO		9	10	13
AISI410		137	154	195
92520		158	178	230
TK28A		56	63	82
F22 MOD		160	179	232
TS45.02		3	3	4
86CrMoV7		47	53	68
56NiCrMoV7		229	258	334
0078 A		66	74	95
STE500/GSA10		21	24	31
V2906		11	12	16
20NiCr6		139	157	203
UC1		4	4	5
30CRMOV10F		99	111	143
V2905-95		10	12	15
V2908-95		9	10	13
V2525-70		115	129	167
V2527-70		164	185	239
VW 4227		14	15	20
VW 4521		201	226	293
VW1427		18	20	26
ZF 1		160	180	233
ZF 1 A		201	226	292
ZF 6		18	21	26

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		Ingots & continuous casting	rsc billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
ZF 49		14	16	21
ZF 50		3	4	5
ZF 63		14	15	19
ZF 64		13	14	18
ZF 7 B		15	17	22