

**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 2020 - valid for December 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	rbs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	5	5	7
38 Cr 2 KB	EN 10263-4	6	7	9
34 - 41Cr 4 KB	EN 10263-4	8	9	12
25 - 42 CrMo 4 KB	EN 10263-4	30	33	43
30 -40 NiCrMo 2 KB	EN 10263	93	104	135
38 NiCrMo 4 KB	EN 10263	114	128	166
34 CrNiMo 6 KB	EN 10263-4	186	210	272
40 NiCrMo 7 KB	EN 10263	214	241	312
Acciai da bonifica / Hardening and tempering steels				
QS1105200		5	6	8
41 Cr 4	EN 10083.1	9	10	12
36 CrMn 4	UNI 7847	9	11	14
51 CrV 4	EN 10083.1	19	22	28
25 - 42 CrMo 4	EN 10083.1	30	33	43
20-25 MoCr4		47	53	68
40 NiCrMo 2	EN 10083.1	82	93	120
36CrNiMo4	EN 10083.1	127	143	185
39 NiCrMo 3	EN 10083.1	114	128	166
40 NiCrMo 7	UNI 6926	217	244	316
30CrNiMo 8	EN 10083.1	264	297	384
30 NiCrMo 12		353	398	515
30 NiCrMoV 12	UNI 6787	366	411	533
36 NiCrMo 16	EN 10083.1	436	491	636
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	10	11	14
20 MnCr 5	EN 10084	11	13	16
SAE 94B17		47	53	69
18 CrMo 4	EN 10084	27	30	39
12 NiCr 3		72	80	104
16 - 20 CrNi 4	EN 10084	108	122	158
16 NiCr 11	EN 10084	282	317	411
16 - 20 NiCrMo 2	EN 10084	80	91	117
18 NiCrMo 5	EN 10084	164	185	239
17 CrNiMo 6	EN 10084	205	230	298
18 NiCrMo 7	EN 10084	223	251	325
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	54	61	78
31 CrMoV 9	EN 10085	42	47	60
34 - 41CrAlMo 7	EN 10085	44	49	63
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	8	10	12
36 CrMn 4	UNI 7847	10	11	14
41 CrMo 4	UNI 7847	26	29	38
40 NiCrMo 3	UNI 7847	117	132	171

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	53	59	77
14 CrMo 3	EN 10216	57	64	83
18 CrMoSi 4	EN 10222	60	68	87
11 CrMo 9 10	EN 10222.2	105	118	152
16 CrMo 20 5	EN 10216.2	77	86	111
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	359	404	524
X 12 Ni 09	EN10222-4	922	1038	1345
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	9	11	13
100 CrMo 7	EN 683.17	34	38	49
100 CrMn 4	EN 683.17	9	10	13
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	8	9	11
60 SiCr 8	EN 10089	10	11	15
52 SiCrNi 5	EN 10089	72	81	105
45 SiCrMo 6	EN 10089	28	31	40
55 Cr 3	EN 10089	7	8	11
50 CrV 4	EN 10089	19	21	27
51 CrMoV 4	EN 10089	36	41	52
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	12	14	18
19 - 46 MnVS 6	EN 10267	13	14	19
38MnSiVS6		13	15	19
D25M6		14	16	21
48MnV3		10	11	14
Acciai vari / Other steels				
1.0038	S235JR	2	3	4
1.0432	C21	5	5	7
1.0460	P250GH	2	3	4
1.0482	19Mn5	6	6	8
1.0503	C45	2	3	4
1.0511	C40	2	3	4
1.0528	C30	2	3	4
1.0535	C55	3	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
1.0715	11SMn30	4	5	6
1.0721	10S20	4	4	6
1.0726	35S20	4	5	6
1.0764	36SMn14	6	6	8
1.1108	10Mn4	5	5	7
1.1127	38Mn6	6	7	9
1.1132	C15E2C	3	3	4
1.1140	C15R	2	3	3
1.1141	C15E	2	2	3
1.1160	22Mn6	6	7	9
1.1167	36Mn5	5	6	7
1.1181	C35E	3	3	4
1.1191	C45E/CK45	3	3	4
1.1197	25MnV5	9	10	13
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	3	4	5
1.1236	C66D2	2	2	3
1.1241	C50R	3	3	4
1.1301	19MnVS6	12	14	18
1.1302	30MnVS6	13	14	19
1.1303	38MnVS6	13	15	19
1.1304	46MnVD6	13	15	19
1.1305	46MnVS3	12	14	18

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1.2007	70Cr2	7	8	10
1.2067	102Cr6	9	11	13
1.2242	59CrV4	15	17	22
1.2826	60MnSiCr4	8	9	11
1.3505	100Cr6	9	11	13
1.3520	100CrMnSi6-4	24	27	34
1.3531	16CrNiMo6	196	220	285
1.3536	100CrMo7-3	37	42	54
1.3537	100CrMo7	29	33	42
1.3538	100CrMo7-4	53	60	77
1.3539	100CrMnMoSi8-4-6	64	72	94
1.4021	X 20 Cr 13	71	80	100
1.4901	X10CrWMoVNB9-2	575	591	837
1.4903	X10CrMoVNB9-1	170	191	245
1.5066	30Mn5	6	6	8
1.5120	38MnSi4	6	7	9
1.5216	17MnV6	15	17	22
1.5217	20MnV6	15	17	21
1.5223	42MnV7	13	14	19
1.5231	38MnSiVS5	13	15	19
1.5232	27MnSiVS6	14	15	20
1.5233	44MnSiVS6	14	15	20
1.5415	16Mo3	30	34	44
1.5423	16Mo5	52	59	76
1.5523	19MnB4	4	4	5
1.5526	30MNB4	5	6	8
1.5527	40MnB4	6	7	9
1.5532	38MnB5	5	5	7
1.5662	X 8 Ni 9	922	1037	1344
1.5708	12NiCr3	71	80	103
1.5715	16NiCrS4	108	122	158
1.5752	15NiCr13	339	381	494
1.5810	18 NiCr 5-4	146	164	213
1.5918	17 CrNi 6-6	169	190	246
1.6510	39 NiCrMo 3	111	125	162
1.6511	36 CrNiMo 4	135	152	197
1.6522	20 NiCrMo 2	80	89	116
1.6523	20 NiCrMo 2-2	80	90	117
1.6526	20NiCrMoS2-2	80	90	117
1.6527	20NiCrMo3	105	118	153
1.6541	23 MnNiCrMo 5 2	86	97	125
1.6562	40 NiCrMo 8-4	226	254	329
1.6563	41 NiCrMo 7-3-2	217	244	316
1.6566	17 NiCrMo 6-4	164	185	239
1.6580	30 CrNiMo 8	264	297	384
1.6582	34 CrNiMo 6	183	206	267
1.6587	18 CrNiMo 7-6	205	230	298
1.6657	14 NiCrMo 13-4	388	436	565
1.6758	23 MnNiMoCr 5-4	159	179	232
1.6782	16NiCrMo12-6	339	381	493
1.6959	35 NiCrMoV 12-5	373	420	544
1.7016	17Cr3	8	9	11
1.7033	34Cr4	9	10	12
1.7034	37Cr4	9	10	12
1.7035	41Cr4	9	10	12
1.7039	41CrS4	9	10	12
1.7043	38Cr4	9	10	12
1.7076	32CrB4	8	9	11
1.7077	36CrB4	9	10	12
1.7117	52SiCrNi5	72	81	105
1.7131	16 MnCr 5	10	11	14
1.7137	60 MnCrB 3	8	9	11
1.7139	16 MnCrS 5	10	11	14
1.7147	20 MnCr 5	11	13	16
1.7148	30MnCrB4-2	11	13	16
1.7149	20 MnCrS 5	11	13	16
1.7160	16 MnCrB 5	9	10	13
1.7168	18 MnCrB 5	10	11	15
1.7176	55Cr3	9	10	12

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1.7177	60Cr3	7	8	10
1.7182	27 MnCrB 5 2	7	8	10
1.7185	33 MnCrB 5 2	7	8	10
1.7213	25 CrMoS 4	28	32	41
1.7216	30 CrMo 4	28	31	41
1.7218	25CrMo4	30	33	43
1.7220	34 CrMo 4	30	33	43
1.7223	41 CrMo 4	30	33	43
1.7225	42CrMo4	30	33	43
1.7226	34 CrMoS 4	30	33	43
1.7227	42 CrMoS 4	30	33	43
1.7228	50 CrMo 4	30	33	43
1.7243	18 CrMo 4	27	30	39
1.7311	20CrMo2	38	43	55
1.7319	20 MoCrS 3	39	44	57
1.7321	20 MoCr 4	46	52	68
1.7323	20 MoCrS 4	46	52	68
1.7325	25 MoCr 4	47	53	68
1.7326	25 MoCrS 4	47	53	68
1.7335	13 CrMo 4-5	48	54	69
1.7337	16 CrMo 4-4	49	55	71
1.7362	X12CrMo5	76	86	110
1.7380	10 CrMo 9 10	104	117	152
1.7383	11 CrMo 9-10	105	118	152
1.7386	X 12 CrMo 9 1	141	159	204
1.7701	52CrMoV4	36	41	52
1.7765	32CrMoV12-10	124	139	180
1.8062	46SiCrMo6	30	34	44
1.8159	51CrV4	19	22	28
1.8161	58 CrV 4	18	20	26
1.8201	7CrWVMoNb9-6	43	48	62
1.8515	31 CrMo 12	53	60	77
1.8519	31 CrMoV 9	42	47	60
1.8550	34 CrAlNi 7-10	141	159	205
1.8871	P460QH	10	11	14
1.8901	S 460 N	78	87	113
1.8905	P 460 N	67	76	98
1.8907	StE 500	84	94	122
1.8915	P460NL1	66	74	96
1.8928	S690QL	164	185	239
92145		14	16	21
92216		11	13	16
92421		49	55	71
92520		164	185	239
92523		132	149	193
0078 A		60	67	87
1 E 1286		14	16	20
1.1301-1.1302 mod		13	14	18
107-38MnV5		12	13	17
108-C40Mn		7	8	10
113-35CrB5		9	10	13
123-35MnCrB5		9	10	13
15CrNi6		164	184	238
18NCD4 RENAULT (C9)		121	136	176
1DRB		16	18	24
1E0042		3	4	5
1E 0509		27	30	39
1E 0621		5	5	7
1E 0669		4	5	6
1E 0686		5	6	8
1E 0769		6	7	9
1E 0778		31	35	46
1E 0951		21	24	31
1E0997		23	26	33
1E 1054		37	42	54
1E 836\1E 1120		26	30	38
1E1058		31	35	45
1E1286 - 1E1286B		14	16	20
1E1497		11	13	17

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
20MNCr5F		42	47	61
20NiCr6		147	165	214
21CrMoV5.11		120	135	175
22MnV6		33	37	47
23CrMoB3		36	40	52
23MCD5		41	46	60
23MnNiCrMo5.2		92	103	134
25CRNIMO2		105	118	153
28 CDV5.08		101	114	147
30 Cr Si Mo V 663		45	50	65
30CRMov10F		80	90	116
30NiCrMoV7		224	252	327
33MNCrMOB5		21	23	30
35MNB5		9	10	13
37MNCrMOB5		18	20	25
39MNCrB6		9	10	13
368.6		68	76	98
41CrS4 Mod 27		17	19	24
42CrMo4 JMBK		39	43	56
42CrMo4 PBK		32	35	46
42CrMo4+Ni+V		75	85	110
43crnimo4.6		178	200	259
4M		19	21	27
47TS2		6	7	9
56NiCrMoV7		232	261	338
605M36		29	32	42
8630/vgs		137	154	200
86B45 H		69	77	100
86CrMoV7		36	41	52
92523 Crown Wheel		132	149	193
92523 Pinion		133	149	194
A 1041 F		6	7	9
A182 F1		53	60	77
A193 B16	ASTM	72	81	105
A320 L7		60	68	88
A694 F65		10	11	14
Aisi 4718		139	157	203
Aisi 4815		381	429	556
AISI 8720		84	95	122
AISI410		95	107	136
AMS 6418		234	263	341
B222-5		25	28	36
B222-6(4122 MOD)		22	25	32
B222-7		23	26	33
B222-8		57	64	82
B30		7	8	10
B46-1		166	187	242
B63-1		123	138	179
B63-2 (V2525-60)		106	120	155
B79		88	99	128
C50+MO		8	9	12
D60SiMn5/ A1		9	10	13
F11		50	56	72
F22		103	116	150
F22 MOD		142	159	206
Grade 50R		62	70	91
ITM 129		8	8	11
JDM 4320		208	234	304
MTS 238 / SAE 1141/I		6	7	9
P420 QH		82	92	119
PS30 SAE 4715		124	140	181
PS55		261	294	381
PS65		9	10	13
RES 10460		10	11	14
RES166380		23	25	33
S1060		244	275	356
S460NL		57	64	83
SA 508 Gr. 3		117	132	171
SA 765 Gr. 4		24	28	36

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
SAE 1017 MOD		5	6	7
SAE 4320 JDM		217	244	316
SAE 4820		388	437	566
SAE 8620		80	91	117
SAE 8627H		77	86	112
SAE 8822H		84	94	122
STE460		35	40	52
STE 690		141	159	205
STE 690V		120	135	175
STE500/GSA10		17	19	24
ste890		226	255	330
Steel 9313		353	398	515
TK23F		64	72	93
TK28A		58	65	84
TS45.02		3	3	4
UC1		3	4	5
V 2525-50		112	126	164
V2525-70		121	136	176
V2527-70		171	193	250
V2905-95		8	9	12
V2906		9	10	13
V2908-95		8	9	12
VSCH CRNI 2525 HL		106	120	155
VSCH-MNCR(S)-2158-U-HM		28	32	41
VSCH-MNCR(S)-2158-U-HH		30	34	44
VW 4227		10	11	14
VW 4521		210	236	306
VW1427		14	16	21
X19NiCrMo4		438	493	639
X30Cr13		68	77	97
ZF 1		169	190	246
ZF 1 A		205	230	298
ZF 49		11	12	16
ZF 50		3	4	5
ZF 6		14	16	21
ZF 63		9	11	13
ZF 64		9	10	12
ZF 7 B		11	13	16