

**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 2020 - valid for November 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	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	4	5	6
38 Cr 2 KB	EN 10263-4	6	6	8
34 - 41Cr 4 KB	EN 10263-4	8	9	11
25 - 42 CrMo 4 KB	EN 10263-4	26	30	38
30 -40 NiCrMo 2 KB	EN 10263	84	95	123
38 NiCrMo 4 KB	EN 10263	104	117	151
34 CrNiMo 6 KB	EN 10263-4	170	191	247
40 NiCrMo 7 KB	EN 10263	195	219	284
Acciai da bonifica / Hardening and tempering steels				
QS1105200		6	6	8
41 Cr 4	EN 10083.1	8	9	12
36 CrMn 4	UNI 7847	9	10	13
51 CrV 4	EN 10083.1	20	23	29
25 - 42 CrMo 4	EN 10083.1	26	30	38
20-25 MoCr4		41	47	60
40 NiCrMo 2	EN 10083.1	75	84	109
36CrNiMo4	EN 10083.1	115	130	168
39 NiCrMo 3	EN 10083.1	103	116	151
40 NiCrMo 7	UNI 6926	197	222	288
30CrNiMo 8	EN 10083.1	240	270	349
30 NiCrMo 12		322	362	469
30 NiCrMoV 12	UNI 6787	334	376	487
36 NiCrMo 16	EN 10083.1	398	447	580
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	9	10	13
20 MnCr 5	EN 10084	11	12	15
SAE 94B17		43	48	63
18 CrMo 4	EN 10084	24	27	35
12 NiCr 3		66	74	95
16 - 20 CrNi 4	EN 10084	99	112	145
16 NiCr 11	EN 10084	258	290	376
16 - 20 NiCrMo 2	EN 10084	73	82	107
18 NiCrMo 5	EN 10084	150	168	218
17 CrNiMo 6	EN 10084	186	209	271
18 NiCrMo 7	EN 10084	203	228	296
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	48	54	69
31 CrMoV 9	EN 10085	39	44	57
34 - 41CrAlMo 7	EN 10085	39	43	56
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	8	9	11
36 CrMn 4	UNI 7847	9	10	13
41 CrMo 4	UNI 7847	23	26	34
40 NiCrMo 3	UNI 7847	107	120	155

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	47	52	68
14 CrMo 3	EN 10216	50	56	73
18 CrMoSi 4	EN 10222	53	60	77
11 CrMo 9 10	EN 10222.2	92	104	134
16 CrMo 20 5	EN 10216.2	68	76	98
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	329	370	480
X 12 Ni 09	EN10222-4	844	949	1230
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	9	10	12
100 CrMo 7	EN 683.17	30	33	43
100 CrMn 4	EN 683.17	9	10	13
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	7	8	10
60 SiCr 8	EN 10089	9	11	14
52 SiCrNi 5	EN 10089	66	74	96
45 SiCrMo 6	EN 10089	25	28	36
55 Cr 3	EN 10089	7	8	10
50 CrV 4	EN 10089	20	22	28
51 CrMoV 4	EN 10089	34	39	50
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	13	15	19
19 - 46 MnVS 6	EN 10267	14	15	20
38MnSiVS6		14	16	21
D25M6		15	17	22
48MnV3		10	12	15
Acciai vari / Other steels				
1.0038	S235JR	2	3	4
1.0432	C21	5	5	7
1.0460	P250GH	3	3	4
1.0482	19Mn5	6	6	8
1.0503	C45	3	3	4
1.0511	C40	3	3	4
1.0528	C30	3	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	6	7
1.0570	S355J2G3	5	6	8
1.0577	S355J2	6	7	8
1.0715	11SMn30	4	5	6
1.0721	10S20	4	4	6
1.0726	35S20	5	5	7
1.0764	36SMn14	6	7	8
1.1108	10Mn4	5	6	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	8
1.1181	C35E	3	3	4
1.1191	C45E/CK45	3	3	4
1.1197	25MnV5	9	10	13
1.1201	C45R	3	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	13	15	19
1.1302	30MnVS6	14	15	20
1.1303	38MnVS6	14	16	21
1.1304	46MnVD6	14	16	21
1.1305	46MnVS3	13	15	19

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
1.2007	70Cr2	7	7	10
1.2067	102Cr6	9	10	12
1.2242	59CrV4	15	17	22
1.2826	60MnSiCr4	7	8	11
1.3505	100Cr6	9	10	12
1.3520	100CrMnSi6-4	22	25	32
1.3531	16CrNiMo6	178	200	259
1.3536	100CrMo7-3	33	37	48
1.3537	100CrMo7	26	29	37
1.3538	100CrMo7-4	47	53	69
1.3539	100CrMnMoSi8-4-6	57	64	83
1.4021	X 20 Cr 13	65	73	68
1.4901	X10CrWMoVNB9-2	561	577	817
1.4903	X10CrMoVNB9-1	156	175	226
1.5066	30Mn5	6	7	8
1.5120	38MnSi4	6	7	9
1.5216	17MnV6	16	18	24
1.5217	20MnV6	16	18	23
1.5223	42MnV7	14	15	20
1.5231	38MnSiVS5	14	16	21
1.5232	27MnSiVS6	15	16	21
1.5233	44MnSiVS6	15	16	21
1.5415	16Mo3	27	30	39
1.5423	16Mo5	46	52	67
1.5523	19MnB4	4	4	6
1.5526	30MNB4	5	6	8
1.5527	40MnB4	6	7	9
1.5532	38MnB5	5	6	7
1.5662	X 8 Ni 9	843	948	1229
1.5708	12NiCr3	65	73	95
1.5715	16NiCrS4	99	112	145
1.5752	15NiCr13	310	349	452
1.5810	18 NiCr 5-4	134	150	195
1.5918	17 CrNi 6-6	154	174	225
1.6510	39 NiCrMo 3	101	114	148
1.6511	36 CrNiMo 4	123	138	179
1.6522	20 NiCrMo 2	72	81	105
1.6523	20 NiCrMo 2-2	73	82	106
1.6526	20NiCrMoS2-2	73	82	106
1.6527	20NiCrMo3	96	108	139
1.6541	23 MnNiCrMo 5 2	78	88	114
1.6562	40 NiCrMo 8-4	206	231	300
1.6563	41 NiCrMo 7-3-2	197	222	288
1.6566	17 NiCrMo 6-4	150	168	218
1.6580	30 CrNiMo 8	240	270	349
1.6582	34 CrNiMo 6	167	188	243
1.6587	18 CrNiMo 7-6	186	209	271
1.6657	14 NiCrMo 13-4	354	398	515
1.6758	23 MnNiMoCr 5-4	144	162	210
1.6782	16NiCrMo12-6	308	346	449
1.6959	35 NiCrMoV 12-5	341	384	497
1.7016	17Cr3	7	8	10
1.7033	34Cr4	8	9	12
1.7034	37Cr4	8	9	12
1.7035	41Cr4	8	9	12
1.7039	41CrS4	8	9	12
1.7043	38Cr4	8	9	12
1.7076	32CrB4	8	9	11
1.7077	36CrB4	8	9	12
1.7117	52SiCrNi5	66	74	96
1.7131	16 MnCr 5	9	11	13
1.7137	60 MnCrB 3	8	8	11
1.7139	16 MnCrS 5	9	11	13
1.7147	20 MnCr 5	11	12	15
1.7148	30MnCrB4-2	11	12	15
1.7149	20 MnCrS 5	11	12	15
1.7160	16 MnCrB 5	9	10	12
1.7168	18 MnCrB 5	10	11	14
1.7176	55Cr3	8	9	12

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1.7177	60Cr3	7	7	10
1.7182	27 MnCrB 5 2	7	8	10
1.7185	33 MnCrB 5 2	7	8	10
1.7213	25 CrMoS 4	25	29	37
1.7216	30 CrMo 4	25	28	36
1.7218	25CrMo4	26	30	38
1.7220	34 CrMo 4	26	30	38
1.7223	41 CrMo 4	26	30	38
1.7225	42CrMo4	26	30	38
1.7226	34 CrMoS 4	26	30	38
1.7227	42 CrMoS 4	26	30	38
1.7228	50 CrMo 4	26	30	38
1.7243	18 CrMo 4	24	27	35
1.7311	20CrMo2	34	38	49
1.7319	20 MoCrS 3	35	39	51
1.7321	20 MoCr 4	41	46	60
1.7323	20 MoCrS 4	41	46	60
1.7325	25 MoCr 4	41	47	60
1.7326	25 MoCrS 4	41	47	60
1.7335	13 CrMo 4-5	42	47	61
1.7337	16 CrMo 4-4	43	49	63
1.7362	X12CrMo5	68	76	98
1.7380	10 CrMo 9 10	92	103	133
1.7383	11 CrMo 9-10	92	103	134
1.7386	X 12 CrMo 9 1	125	140	180
1.7701	52CrMoV4	34	39	50
1.7765	32CrMoV12-10	113	127	165
1.8062	46SiCrMo6	27	30	39
1.8159	51CrV4	20	23	29
1.8161	58 CrV 4	18	21	27
1.8201	7CrWVMoNb9-6	41	47	60
1.8515	31 CrMo 12	47	53	68
1.8519	31 CrMoV 9	39	44	57
1.8550	34 CrAlNi 7-10	128	144	187
1.8871	P460QH	10	12	15
1.8901	S 460 N	73	82	106
1.8905	P 460 N	62	70	90
1.8907	StE 500	77	87	112
1.8915	P460NL1	61	68	89
1.8928	S690QL	150	168	218
92145		15	17	23
92216		11	12	15
92421		43	49	63
92520		150	168	218
92523		121	136	176
0078 A		54	61	79
1 E 1286		14	16	20
1.1301-1.1302 mod		14	15	20
107-38MnV5		13	14	19
108-C40Mn		7	8	10
113-35CrB5		8	10	12
123-35MnCrB5		9	10	13
15CrNi6		150	169	218
18NCD4 RENAULT (C9)		111	125	162
1DRB		15	17	22
1E0042		3	4	5
1E 0509		24	27	35
1E 0621		5	5	7
1E 0669		4	5	6
1E 0686		6	6	8
1E 0769		6	7	9
1E 0778		28	32	41
1E 0951		19	22	28
1E0997		21	23	30
1E 1054		33	37	48
1E 836\1E 1120		24	27	34
1E1058		28	31	40
1E1286 - 1E1286B		14	16	20
1E1497		12	14	18

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
20MnCr5F		39	43	56
20NiCr6		135	152	196
21CrMoV5.11		110	124	160
22MnV6		32	36	47
23CrMoB3		32	36	47
23MCD5		38	42	55
23MnNiCrMo5.2		84	94	122
25CRNIMO2		95	107	138
28 CDV5.08		92	104	134
30 Cr Si Mo V 663		41	46	59
30CRMV10F		75	84	108
30NiCrMoV7		205	230	298
33MNCRMOB5		19	21	27
35MNB5		9	10	13
37MNCRMOB5		16	18	23
39MNCRB6		9	10	13
41CrS4 Mod 27		15	17	22
42CrMo4 JMBK		34	39	50
42CrMo4 PBK		28	32	41
42CrMo4+Ni+V		70	78	101
43crnimo4.6		162	182	236
4M		17	19	25
47TS2		6	7	9
56NiCrMoV7		212	238	309
605M36		26	29	38
8630/vgs		124	139	180
86B45 H		62	70	91
86CrMoV7		33	37	48
92523 Crown Wheel		121	136	176
92523 Pinion		121	137	177
A 1041 F		6	7	9
A182 F1		47	53	68
A193 B16	ASTM	68	76	99
A320 L7		55	61	79
A694 F65		10	12	15
Aisi 4718		126	142	184
Aisi 4815		348	392	508
AISI 8720		76	86	111
AISI410		86	96	123
AMS 6418		213	239	310
B222-5		22	25	33
B222-6(4122 MOD)		20	22	29
B222-7		21	23	30
B222-8		51	57	74
B30		7	8	10
B46-1		151	170	221
B63-1		112	127	164
B63-2 (V2525-60)		97	109	142
B79		79	89	116
C50+MO		8	9	11
D60SiMn5/ A1		9	10	13
F11		44	49	63
F22		91	102	132
F22 MOD		126	142	183
Grade 50R		56	63	81
ITM 129		7	8	11
JDM 4320		190	214	277
MTS 238 / SAE 1141/I		7	7	10
P420 QH		75	85	110
PS30 SAE 4715		112	126	164
PS55		237	266	345
PS65		8	9	12
RES 10460		10	11	14
RES166380		21	23	30
S1060		222	250	324
SA 508 Gr. 3		106	119	155
SA 765 Gr. 4		24	27	34
SAE 1017 MOD		5	5	7
SAE 4320 JDM		197	222	288

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
SAE 8620		73	82	107
SAE 8627H		70	78	101
SAE 8822H		75	85	110
STE460		35	39	51
STE 690		128	144	187
STE 690V		110	124	160
STE500/GSA10		18	20	26
ste890		206	232	300
Steel 9313		323	363	470
TK23F		59	66	86
TK28A		53	60	77
TS45.02		3	3	4
UC1		3	4	5
V 2525-50		102	115	149
V2525-70		111	125	162
V2527-70		157	176	228
V2905-95		9	10	13
V2906		9	10	14
V2908-95		8	9	11
VSCH CRNI 2525 HL		98	110	142
VSCH-MNCR(S)-2158-U-HM		26	30	38
VSCH-MNCR(S)-2158-U-HH		28	31	41
VW 4227		10	11	14
VW 4521		191	215	278
VW1427		15	17	22
X19NiCrMo4		400	450	583
X30Cr13		62	69	87
ZF 1		154	174	225
ZF 1 A		186	209	271
ZF 49		12	14	18
ZF 50		3	3	5
ZF 6		13	15	19
ZF 63		9	10	13
ZF 64		8	9	12
ZF 7 B		11	12	15