

**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 Aprile 2022- valid for April 2022 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	29	32	36
38 Cr 2 KB	EN 10263-4	37	42	46
34 - 41Cr 4 KB	EN 10263-4	55	62	69
25 - 42 CrMo 4 KB	EN 10263-4	133	150	166
30 -40 NiCrMo 2 KB	EN 10263	240	269	299
38 NiCrMo 4 KB	EN 10263	288	324	360
34 CrNiMo 6 KB	EN 10263-4	448	504	560
40 NiCrMo 7 KB	EN 10263	485	545	606
Acciai da bonifica / Hardening and tempering steels				
QS1105200		29	32	36
41 Cr 4	EN 10083.1	56	63	70
36 CrMn 4	UNI 7847	59	66	74
51 CrV 4	EN 10083.1	108	121	135
25 - 42 CrMo 4	EN 10083.1	133	150	166
20-25 MoCr4		188	212	235
40 NiCrMo 2	EN 10083.1	220	247	275
36CrNiMo4	EN 10083.1	311	350	389
39 NiCrMo 3	EN 10083.1	286	322	358
40 NiCrMo 7	UNI 6926	489	550	611
30CrNiMo 8	EN 10083.1	634	713	792
30 NiCrMo 12		790	889	988
30 NiCrMoV 12	UNI 6787	836	941	1045
36 NiCrMo 16	EN 10083.1	951	1070	1188
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	58	66	73
20 MnCr 5	EN 10084	68	76	85
SAE 94B17		134	151	167
18 CrMo 4	EN 10084	123	138	154
12 NiCr 3		162	183	203
16 - 20 CrNi 4	EN 10084	243	274	304
16 NiCr 11	EN 10084	574	645	717
16 - 20 NiCrMo 2	EN 10084	213	239	266
18 NiCrMo 5	EN 10084	385	433	481
17 CrNiMo 6	EN 10084	502	565	628
18 NiCrMo 7	EN 10084	520	585	650
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	254	286	318
31 CrMoV 9	EN 10085	211	238	264
34 - 41CrAlMo 7	EN 10085	198	222	247
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	54	61	68
36 CrMn 4	UNI 7847	61	68	76
41 CrMo 4	UNI 7847	120	135	150
40 NiCrMo 3	UNI 7847	290	326	362

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	202	227	252
14 CrMo 3	EN 10216	232	260	289
18 CrMoSi 4	EN 10222	262	295	327
11 CrMo 9 10	EN 10222.2	434	488	542
16 CrMo 20 5	EN 10216.2	371	417	464
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	694	781	868
X 12 Ni 09	EN10222-4	1778	2000	2223
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	66	74	83
100 CrMo 7	EN 683.17	160	180	200
100 CrMn 4	EN 683.17	50	57	63
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	75	84	93
60 SiCr 8	EN 10089	94	106	117
52 SiCrNi 5	EN 10089	208	234	260
45 SiCrMo 6	EN 10089	152	171	190
55 Cr 3	EN 10089	45	51	57
50 CrV 4	EN 10089	105	118	131
51 CrMoV 4	EN 10089	168	189	210
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	65	73	81
19 - 46 MnVS 6	EN 10267	68	77	85
38MnSiVS6		75	84	93
D25M6		73	82	91
48MnV3		49	55	62
Acciai vari / Other steels				
1.0038	S235JR	7	8	9
1.0432	C21	15	17	19
1.0460	P250GH	9	10	12
1.0482	19Mn5	35	39	43
1.0503	C45	9	10	12
1.0511	C40	9	10	12
1.0528	C30	9	10	12
1.0535	C55	11	12	13
1.0540	C50	11	12	13
1.0553	S355J0	28	31	35
1.0565	P355NH	18	20	23
1.0566	P355NL1	18	20	23
1.0570	S355J2G3	19	22	24
1.0577	S355J2	26	29	33
1.0715	11SMn30	17	19	21
1.0721	10S20	20	23	25
1.0726	35S20	18	21	23
1.0764	36SMn14	21	24	27
1.1108	10Mn4	24	27	30
1.1121	C10E	16	19	21
1.1127	38Mn6	31	35	38
1.1132	C15E2C	16	18	20
1.1140	C15R	16	17	19
1.1141	C15E	16	17	19
1.1160	22Mn6	32	37	41
1.1167	36Mn5	19	22	24
1.1181	C35E	17	19	21
1.1191	C45E/CK45	18	20	23
1.1197	25MnV5	44	50	56
1.1201	C45R	9	10	12
1.1206	C50E	11	12	13
1.1213	CF53	8	9	10
1.1219	C56E2	11	12	13
1.1221	C60E	20	22	25
1.1231	C67S	20	22	25
1.1236	C66D2	13	15	16
1.1241	C50R	11	12	13
1.1301	19MnVS6	65	73	81
1.1302	30MnVS6	68	77	85
1.1303	38MnVS6	71	80	89

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1.1304	46MnVD6	70	79	88
1.1305	46MnVS3	67	75	84
1.2007	70Cr2	43	48	53
1.2067	102Cr6	66	74	83
1.2242	59CrV4	86	97	108
1.2826	60MnSiCr4	58	65	72
1.3505	100Cr6	66	74	83
1.3520	100CrMnSi6-4	110	124	138
1.3531	16CrNiMo6	469	527	586
1.3536	100CrMo7-3	175	197	219
1.3537	100CrMo7	145	163	181
1.3538	100CrMo7-4	234	263	293
1.3539	100CrMnMoSi8-4-6	283	318	353
1.4021	X 20 Cr 13	485	545	606
1.4901	X10CrWMoVNb9-2	1281	1351	1601
1.4903	X10CrMoVNB9-1	719	809	899
1.5066	30Mn5	28	32	35
1.5120	38MnSi4	48	54	60
1.5216	17MnV6	74	84	93
1.5217	20MnV6	73	83	92
1.5223	42MnV7	61	69	77
1.5231	38MnSiVS5	75	84	93
1.5232	27MnSiVS6	77	86	96
1.5233	44MnSiVS6	77	86	96
1.5243	42MnSiV3 - 3	72	81	90
1.5415	16Mo3	118	132	147
1.5423	16Mo5	193	217	241
1.5523	19MnB4	14	16	17
1.5526	30MNB4	25	28	32
1.5527	40MnB4	34	39	43
1.5532	38MnB5	18	21	23
1.5662	X 8 Ni 9	1775	1997	2219
1.5708	12NiCr3	153	172	191
1.5715	16NiCrS4	243	274	304
1.5752	15NiCr13	685	770	856
1.5810	18 NiCr 5-4	312	351	390
1.5918	17 CrNi 6-6	368	414	460
1.6510	39 NiCrMo 3	271	304	338
1.6511	36 CrNiMo 4	327	368	409
1.6522	20 NiCrMo 2	203	228	253
1.6523	20 NiCrMo 2-2	212	238	264
1.6526	20NiCrMoS2-2	205	231	256
1.6527	20NiCrMo3	252	283	315
1.6541	23 MnNiCrMo 5 2	226	255	283
1.6562	40 NiCrMo 8-4	525	591	656
1.6563	41 NiCrMo 7-3-2	489	550	611
1.6566	17 NiCrMo 6-4	385	433	481
1.6580	30 CrNiMo 8	634	713	792
1.6582	34 CrNiMo 6	431	485	539
1.6587	18 CrNiMo 7-6	502	565	628
1.6657	14 NiCrMo 13-4	820	922	1025
1.6758	23 MnNiMoCr 5-4	415	467	519
1.6782	16NiCrMo12-6	759	854	949
1.6959	35 NiCrMoV 12-5	873	982	1091
1.7016	17Cr3	49	55	62
1.7033	34Cr4	56	63	70
1.7034	37Cr4	56	63	70
1.7035	41Cr4	56	63	70
1.7039	41CrS4	56	63	70
1.7043	38Cr4	56	63	70
1.7076	32CrB4	47	53	59
1.7077	36CrB4	50	57	63
1.7117	52SiCrNi5	208	234	260
1.7131	16 MnCr 5	59	67	74
1.7137	60 MnCrB 3	49	55	61
1.7139	16 MnCrS 5	59	67	74
1.7147	20 MnCr 5	68	76	85
1.7148	30MnCrB4-2	68	76	85
1.7149	20 MnCrS 5	68	76	85

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1.7160	16 MnCrB 5	49	55	62
1.7168	18 MnCrB 5	62	70	77
1.7176	55Cr3	56	63	70
1.7177	60Cr3	38	43	48
1.7182	27 MnCrB 5 2	33	38	42
1.7185	33 MnCrB 5 2	35	39	43
1.7213	25 CrMoS 4	122	137	153
1.7216	30 CrMo 4	125	140	156
1.7218	25CrMo4	133	150	166
1.7220	34 CrMo 4	133	150	166
1.7223	41 CrMo 4	133	150	166
1.7225	42CrMo4	133	150	166
1.7226	34 CrMoS 4	133	150	166
1.7227	42 CrMoS 4	133	150	166
1.7228	50 CrMo 4	133	150	166
1.7243	18 CrMo 4	123	138	154
1.7311	20CrMo2	157	176	196
1.7319	20 MoCrS 3	164	184	205
1.7321	20 MoCr 4	185	209	232
1.7323	20 MoCrS 4	185	209	232
1.7325	25 MoCr 4	188	212	235
1.7326	25 MoCrS 4	188	212	235
1.7335	13 CrMo 4-5	196	221	246
1.7337	16 CrMo 4-4	205	230	256
1.7362	X12CrMo5	363	409	454
1.7380	10 CrMo 9 10	428	482	535
1.7383	11 CrMo 9-10	429	483	536
1.7386	X 12 CrMo 9 1	692	779	866
1.7701	52CrMoV4	168	189	210
1.7765	32CrMoV12-10	533	600	666
1.8062	46SiCrMo6	161	181	201
1.8159	51CrV4	108	121	135
1.8161	58 CrV 4	100	113	125
1.8201	7CrWVMoNb9-6	212	238	264
1.8515	31 CrMo 12	247	278	309
1.8519	31 CrMoV 9	211	238	264
1.8550	34 CrAlNi 7-10	349	393	437
1.8871	P460QH	48	54	59
1.8901	S 460 N	244	275	305
1.8905	P 460 N	162	182	202
1.8907	StE 500	197	222	246
1.8915	P460NL1	168	189	211
1.8928	S690QL	385	433	481
92145		76	85	95
92216		68	76	85
92421		201	226	251
92520		385	433	481
92523		317	357	396
0078 A		203	228	254
1 E 1286		81	91	101
1.1301-1.1302 mod		64	72	80
107-38MnV5		59	66	74
108-C40Mn		39	44	49
113-35CrB5		56	63	70
123-35MnCrB5		52	58	65
15CrNi6		366	412	458
18NCD4 RENAULT (C9)		270	304	338
18M		75	84	93
1DRB		82	92	102
1E0028		23	25	28
1E0359		18	20	22
1E0042		20	22	25
1E0361A/B/C/D		19	21	24
1E0447		55	61	68
1E0490		149	168	187
1E0509		121	136	152
1E0621		25	28	31
1E0669		23	25	28
1E0670		27	30	34

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E0686		27	31	34
1E0769		29	33	37
1E0778		133	150	167
1E0873		94	106	118
1E0951		94	105	117
1E0996		30	34	38
1E0997		100	113	125
1E1013		72	81	90
1E1054		156	176	196
1E1058		138	155	172
1E1120		94	106	118
1E1201		42	47	53
1E1239A		47	53	59
1E1239C		43	48	54
1E1239D		41	47	52
1E1239F		30	33	37
1E1239G		27	30	34
1E1239L		130	146	162
1E1239O		70	78	87
1E1286 - 1E1286B		81	91	102
1E1287		30	34	37
1E1482		33	37	41
1E1497		59	66	73
1E1632		42	47	53
1E1671		102	115	128
1E1848		121	136	152
1E1887		23	25	28
1E1901		70	79	88
1E1962		72	82	91
1E2757		442	497	553
1E2757 > 230		724	814	905
1E4146		183	206	229
1E4283		19	21	24
1E4336		440	495	550
1E4808		45	50	56
S355+V		40	45	51
1E1727		188	212	235
1E1371		247	278	309
1E1158		19	21	24
1E4787		489	550	612
16NiCrMo12		759	854	949
20MNCr5F		138	156	173
20NiCr6		324	364	405
21CrMoV5.11		489	550	611
22MnV6		113	127	141
23CrMoB3		153	172	192
23MCD5		143	161	179
23MnNiCrMo5.2		246	277	308
25CRNiMO2		295	331	368
28 CDV5.08		428	481	535
30 Cr Si Mo V 663		243	273	303
30CRMov10F		325	366	406
30NiCrMoV7		531	598	664
33MB		27	30	34
33MNCrMOB5		92	104	115
35MB4-2		32	36	40
35MNB5		48	54	60
37MNCrMOB5		81	91	101
39MNCrB6		48	53	59
368.6		177	199	221
40-45CrMo4+Ni		221	249	277
4130M		161	181	202
41CrS4 Mod 27		88	99	110
42CrMo4 JMBK		166	187	208
42CRMO4 MOD.		241	271	301
42CrMo4 PBK		141	158	176
42CrMo4+Ni+V		238	268	297
4330		585	658	731
4330V		732	824	916

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
43crnimo4.6		420	472	525
4M		89	100	111
47TS2		37	41	46
50NICR13		685	770	856
56NiCrMoV7		581	654	726
605M36		114	128	142
8630/vgs		378	425	472
86B45 H		193	217	241
86CrMoV7		174	196	217
92523 Crown Wheel		317	357	396
92523 Pinion		315	355	394
9310 H		731	823	914
A 1041 F		30	34	38
A182 F1		201	226	252
A182 F22 MOD.		427	480	533
A193 B16	ASTM	309	348	386
A193 B7		133	150	166
A320 L7		196	220	244
A694 F65		48	54	61
AISI 4140 MOD.80/110KSI		142	160	178
AISI 4145 MOD. 125KSI		192	216	240
Aisi 4130 MOD. R		192	216	240
Aisi 4718		347	391	434
Aisi 4815		794	894	993
Aisi 8630 MOD		364	409	455
AISI 8720		221	249	276
AISI410		496	559	621
AMS 6418		577	649	722
B222-5		110	123	137
B222-6(4122 MOD)		98	110	122
B222-7		100	113	126
B222-8		197	222	246
B30		36	41	45
B46-1		392	441	490
B63-1		272	306	340
B63-2 (V2525-60)		261	293	326
B79		250	282	313
C50+MO		31	34	38
D60SiMn5/ A1		72	81	90
F11		213	240	267
F22		415	467	519
F22 MOD		502	564	627
Grade 50R		212	239	266
HMS 60		388	437	485
ITM 129		41	46	52
JDM 4320		465	523	581
MTS 238 / SAE 1141/I		33	37	41
P420 QH		201	226	251
PS30 SAE 4715		364	409	811
PS55		649	730	
PS65		53	59	66
RES 10460		46	52	57
RES166380		100	112	125
S1060		581	654	726
S460NL		125	141	157
SA 508 Gr. 3		324	364	405
SA 765 Gr. 4		76	86	95
SAE 1017 MOD		29	33	36
SAE 4130 MOD		213	239	266
SAE 4320 JDM		482	542	603
SAE 4820		798	898	998
SAE 8620		213	239	266
SAE 8627H		204	230	255
SAE 8822H		243	273	303
STE460		125	141	156
STE 690		379	427	474
STE 690V		318	358	398

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STE500/GSA10		83	94	104
ste890		528	594	659
Steel 9313		747	840	934
TK23F		152	171	190
TK28A		148	166	185
TS45.02		11	12	13
UC1		20	22	25
V 2525-50		281	316	351
V2525-70		267	301	334
V2527-70		390	439	487
V2905-95		42	47	53
V2906		45	51	57
V2908-95		48	53	59
VSCH CRNI 2525 HL		250	282	313
VSCH-CRNI(S)-2525-U/HH+		260	293	325
VSCH-MNCR(S)-2158-U-HM		92	104	115
VSCH-MNCR(S)-2158-U-HH		109	123	136
VW 4227		54	61	68
VW 4521		479	539	599
VW1427		76	85	95
X19NiCrMo4		911	1025	1139
X30Cr13		471	530	588
ZF 1		368	414	460
ZF 1 A		502	565	628
ZF 49		50	57	63
ZF 50		18	21	23
ZF 6		74	84	93
ZF 63		60	68	75
ZF 64		56	63	71
ZF 7 B		68	76	85