

**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 2022- valid for November 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	rbs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
<b>Acciai per bulloneria / Bolts and nuts steels</b>				
38 Cr 1	EN 10263	25	27	31
38 Cr 2	EN 10263-4	36	39	44
34 - 41Cr 4	EN 10263-4	62	68	77
25 - 42 CrMo 4	EN 10263-4	146	159	179
30 -40 NiCrMo 2	EN 10263	248	270	304
38 NiCrMo 4	EN 10263	304	332	374
34 CrNiMo 6	EN 10263-4	480	523	589
40 NiCrMo 7	EN 10263	508	555	624
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		16	17	19
41 Cr 4	EN 10083.1	63	69	78
36 CrMn 4	UNI 7847	65	71	79
51 CrV 4	EN 10083.1	98	107	120
25 - 42 CrMo 4	EN 10083.1	146	159	179
20-25 MoCr4		198	216	243
40 NiCrMo 2	EN 10083.1	228	248	279
36CrNiMo4	EN 10083.1	331	361	406
39 NiCrMo 3	EN 10083.1	302	329	371
40 NiCrMo 7	UNI 6926	512	559	628
30CrNiMo 8	EN 10083.1	681	742	835
30 NiCrMo 12		827	903	1015
30 NiCrMoV 12	UNI 6787	863	942	1060
36 NiCrMo 16	EN 10083.1	1007	1099	1236
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	61	67	75
20 MnCr 5	EN 10084	73	79	89
SAE 94B17		135	148	166
18 CrMo 4	EN 10084	135	147	166
12 NiCr 3		168	183	206
16 - 20 CrNi 4	EN 10084	253	276	311
16 NiCr 11	EN 10084	598	652	733
16 - 20 NiCrMo 2	EN 10084	220	240	270
18 NiCrMo 5	EN 10084	405	442	497
17 CrNiMo 6	EN 10084	540	589	662
18 NiCrMo 7	EN 10084	549	599	673
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	302	330	371
31 CrMoV 9	EN 10085	234	255	287
34 - 41CrAlMo 7	EN 10085	223	243	273
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	61	66	74
36 CrMn 4	UNI 7847	67	73	82
41 CrMo 4	UNI 7847	132	144	162
40 NiCrMo 3	UNI 7847	305	333	374

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
<b>Acciai alte temperature / Creep resisting steels</b>				
16 Mo 5	EN 10216	208	227	255
14 CrMo 3	EN 10216	252	275	309
18 CrMoSi 4	EN 10222	280	305	343
11 CrMo 9 10	EN 10222.2	484	528	594
16 CrMo 20 5	EN 10216.2	454	496	557
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	716	781	878
X 12 Ni 09	EN10222-4	1836	2003	2254
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	82	90	101
100 CrMo 7	EN 683.17	187	204	230
100 CrMn 4	EN 683.17	58	64	72
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	42	46	51
60 SiCr 8	EN 10089	62	67	76
52 SiCrNi 5	EN 10089	198	216	243
45 SiCrMo 6	EN 10089	138	150	169
55 Cr 3	EN 10089	48	52	59
50 CrV 4	EN 10089	96	105	118
51 CrMoV 4	EN 10089	166	181	203
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	40	43	49
19 - 46 MnVS 6	EN 10267	42	45	51
38MnSiVS6		45	49	55
D25M6		52	57	64
48MnV3		31	34	38
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	4	4	5
1.0432	C21	8	9	10
1.0460	P250GH	5	6	6
1.0482	19Mn5	19	21	24
1.0503	C45	5	6	6
1.0511	C40	5	6	6
1.0528	C30	5	6	6
1.0535	C55	6	6	7
1.0540	C50	6	6	7
1.0553	S355J0	15	17	19
1.0565	P355NH	10	11	12
1.0566	P355NL1	10	11	12
1.0570	S355J2G3	10	11	13
1.0577	S355J2	14	16	18
1.0715	11SMn30	9	10	11
1.0721	10S20	11	12	14
1.0726	35S20	11	12	13
1.0764	36SMn14	12	13	14
1.1108	10Mn4	13	14	16
1.1121	C10E	9	10	11
1.1127	38Mn6	17	19	21
1.1132	C15E2C	9	10	11
1.1140	C15R	9	9	11
1.1141	C15E	9	9	11
1.1160	22Mn6	21	23	26
1.1167	36Mn5	10	11	13
1.1181	C35E	9	10	12
1.1191	C45E/CK45	10	11	12
1.1197	25MnV5	27	29	33
1.1201	C45R	5	6	6
1.1206	C50E	6	6	7
1.1213	CF53	4	5	5
1.1219	C56E2	6	6	7
1.1221	C60E	11	12	13
1.1231	C67S	11	12	13
1.1236	C66D2	7	8	9
1.1241	C50R	6	6	7
1.1301	19MnVS6	40	43	49
1.1302	30MnVS6	42	45	51
1.1303	38MnVS6	43	47	53

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1.1304	46MnVD6	43	47	53
1.1305	46MnVS3	42	46	52
1.2007	70Cr2	43	47	53
1.2067	102Cr6	82	90	101
1.2242	59CrV4	83	91	102
1.2826	60MnSiCr4	41	45	51
1.3505	100Cr6	82	90	101
1.3520	100CrMnSi6-4	117	128	144
1.3531	16CrNiMo6	509	555	625
1.3536	100CrMo7-3	200	218	245
1.3537	100CrMo7	170	186	209
1.3538	100CrMo7-4	263	287	323
1.3539	100CrMnMoSi8-4-6	312	341	383
1.4021	X 20 Cr 13	667	727	818
1.4901	X10CrWMoVNB9-2	1347	1408	1653
1.4903	X10CrMoVNB9-1	843	919	1034
1.5066	30Mn5	16	17	19
1.5120	38MnSi4	27	29	33
1.5216	17MnV6	46	51	57
1.5217	20MnV6	46	50	56
1.5223	42MnV7	37	41	46
1.5231	38MnSiVS5	45	49	55
1.5232	27MnSiVS6	47	51	57
1.5233	44MnSiVS6	47	51	57
1.5243	42MnSiV3 - 3	55	60	68
1.5415	16Mo3	118	128	144
1.5423	16Mo5	203	221	249
1.5523	19MnB4	8	8	9
1.5526	30MNB4	22	25	28
1.5527	40MnB4	28	30	34
1.5532	38MnB5	10	11	12
1.5662	X 8 Ni 9	1835	2002	2252
1.5708	12NiCr3	163	178	200
1.5715	16NiCrS4	253	276	311
1.5752	15NiCr13	713	778	875
1.5810	18 NiCr 5-4	333	363	408
1.5918	17 CrNi 6-6	398	434	488
1.6510	39 NiCrMo 3	290	316	355
1.6511	36 CrNiMo 4	352	384	432
1.6522	20 NiCrMo 2	214	234	263
1.6523	20 NiCrMo 2-2	220	240	270
1.6526	20NiCrMoS2-2	217	237	267
1.6527	20NiCrMo3	265	289	326
1.6541	23 MnNiCrMo 5 2	236	258	290
1.6562	40 NiCrMo 8-4	550	600	675
1.6563	41 NiCrMo 7-3-2	512	559	628
1.6566	17 NiCrMo 6-4	405	442	497
1.6580	30 CrNiMo 8	681	742	835
1.6582	34 CrNiMo 6	503	549	618
1.6587	18 CrNiMo 7-6	540	589	662
1.6657	14 NiCrMo 13-4	860	938	1055
1.6758	23 MnNiMoCr 5-4	436	475	535
1.6782	16NiCrMo12-6	805	879	988
1.6959	35 NiCrMoV 12-5	908	991	1114
1.7016	17Cr3	53	58	65
1.7033	34Cr4	63	69	78
1.7034	37Cr4	63	69	78
1.7035	41Cr4	63	69	78
1.7039	41CrS4	63	69	78
1.7043	38Cr4	63	69	78
1.7076	32CrB4	58	63	71
1.7077	36CrB4	61	67	75
1.7117	52SiCrNi5	198	216	243
1.7131	16 MnCr 5	62	67	76
1.7137	60 MnCrB 3	51	56	63
1.7139	16 MnCrS 5	62	67	76
1.7147	20 MnCr 5	73	79	89
1.7148	30MnCrB4-2	73	79	89
1.7149	20 MnCrS 5	73	79	89

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1.7160	16 MnCrB 5	56	61	69
1.7168	18 MnCrB 5	66	72	81
1.7176	55Cr3	57	62	70
1.7177	60Cr3	44	48	54
1.7182	27 MnCrB 5 2	32	35	39
1.7185	33 MnCrB 5 2	33	36	40
1.7213	25 CrMoS 4	141	154	173
1.7216	30 CrMo 4	139	152	171
1.7218	25CrMo4	146	159	179
1.7220	34 CrMo 4	146	159	179
1.7223	41 CrMo 4	146	159	179
1.7225	42CrMo4	146	159	179
1.7226	34 CrMoS 4	146	159	179
1.7227	42 CrMoS 4	146	159	179
1.7228	50 CrMo 4	146	159	179
1.7243	18 CrMo 4	135	147	166
1.7311	20CrMo2	166	181	204
1.7319	20 MoCrS 3	174	189	213
1.7321	20 MoCr 4	195	213	240
1.7323	20 MoCrS 4	195	213	240
1.7325	25 MoCr 4	198	216	243
1.7326	25 MoCrS 4	198	216	243
1.7335	13 CrMo 4-5	214	233	262
1.7337	16 CrMo 4-4	224	245	275
1.7362	X12CrMo5	450	491	552
1.7380	10 CrMo 9 10	481	525	590
1.7383	11 CrMo 9-10	481	525	591
1.7386	X 12 CrMo 9 1	848	926	1041
1.7701	52CrMoV4	166	181	203
1.7765	32CrMoV12-10	572	624	702
1.8062	46SiCrMo6	148	161	181
1.8159	51CrV4	98	107	120
1.8161	58 CrV 4	93	101	114
1.8201	7CrWVMoNb9-6	226	246	277
1.8515	31 CrMo 12	300	327	368
1.8519	31 CrMoV 9	234	255	287
1.8550	34 CrAlNi 7-10	384	419	472
1.8871	P460QH	28	31	35
1.8901	S 460 N	228	248	280
1.8905	P 460 N	155	169	190
1.8907	StE 500	192	209	235
1.8915	P460NL1	160	174	196
1.8928	S690QL	405	442	497
92145		47	51	57
92216		73	79	89
92421		215	235	264
92520		405	442	497
92523		335	365	411
0078 A		216	236	266
1.1301-1.1302 mod		39	43	48
107-38MnV5		37	40	46
108-C40Mn		31	34	38
113-35CrB5		61	67	75
123-35MnCrB5		47	51	58
15CrNi6		394	429	483
18NCD4 RENAULT (C9)		281	307	345
18M		52	57	64
1DRB		82	89	100
1E0028		13	14	15
1E0359		10	11	12
1E0042		11	12	13
1E0361A/B/C/D		10	11	13
1E0447		58	63	71
1E0490		160	174	196
1E0509		131	143	161
1E0621		14	15	17
1E0669		13	14	15
1E0670		15	16	18

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E0686		15	16	19
1E0769		16	18	20
1E0778		144	157	177
1E0873		95	103	116
1E0951		94	103	116
1E0996		17	18	21
1E0997		101	110	124
1E1013		69	75	85
1E1054		171	186	209
1E1058		152	165	186
1E1120		99	108	122
1E1201		38	41	47
1E1239A		40	43	49
1E1239C		36	39	44
1E1239D		35	38	43
1E1239F		19	21	24
1E1239G		18	19	22
1E1239L		142	155	175
1E1239O		68	75	84
1E1286 - 1E1286B		80	87	98
1E1287		21	23	26
1E1482		27	29	33
1E1497		41	44	50
1E1632		36	39	44
1E1671		102	111	125
1E1848		131	143	161
1E1887		13	14	15
1E1901		54	59	67
1E1962		45	49	55
1E2757		456	497	559
1E2757 > 230		759	828	932
1E4146		167	182	205
1E4283		11	12	13
1E4336		471	514	578
1E4808		37	40	45
S355+V		24	26	30
1E1727		207	226	254
1E1371		254	277	311
1E1158		10	11	13
1E4787		512	558	628
15NICUMONB5		384	419	472
16NiCrMo12		796	869	977
20MNCr5F		147	160	180
20NiCr6		341	372	418
21CrMoV5.11		500	545	614
21CRMov5.7		371	405	455
22MnV6		90	98	110
23CrMoB3		165	180	202
23MCD5		153	167	188
23MnNiCrMo5.2		252	275	309
25CRNIMO2		306	334	376
27MnMoNiCr-AF		520	568	639
28 CDV5.08		440	480	540
30 Cr Si Mo V 663		240	262	295
30CRMov10F		349	381	428
30NiCrMoV7		553	604	679
33MB		18	19	22
33MNCrMOB5		91	99	111
33MnCrMoB5-2 - AF		115	126	141
35MB4-2		22	24	27
35MNB5		42	46	52
37MNCrMOB5		79	86	97
39MNCrB6		40	44	49
368.6		181	198	222
40-45CrMo4+Ni		238	260	292
4130M		177	193	217
AISI 4130H		154	168	189
41CrS4 Mod 27		97	106	119
42CrMo4 JMBK		182	198	223

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
42CRMO4 MOD.		258	282	317
42CrMo4 PBK		155	169	190
42CrMo4+Ni+V		245	267	301
4330		606	661	744
4330V		786	857	965
43crnimo4.6		445	485	546
45SiCrV6		124	135	152
4M		95	103	116
47TS2		29	31	35
50CRNIMOV4		245	267	301
50NICR13		713	778	875
56NiCrMoV7		605	660	743
605M36		107	116	131
8630/vgs		399	435	490
86B45 H		199	218	245
86CrMoV7		193	210	236
92523 Crown Wheel		335	365	411
92523 Pinion		332	363	408
9310 H		768	838	943
A105/LF2/F52		42	46	52
A 1041 F		17	18	21
A182 F1		208	227	255
A182 F22 MOD.		481	525	590
A193 B16	ASTM	303	331	372
A193 B7		146	159	179
A320 L7		211	230	258
A350 LF2/A105		10	11	12
A694 F65		29	32	36
ABSBAIN20		193	210	237
ABSBAIN20Eco		163	178	200
ABSBAIN40		170	185	208
AAR GRADE F		71	77	87
AISI 4140 MOD.80/110KSI		154	169	190
AISI 4145 MOD. 125KSI		208	227	255
Aisi 4130 MOD. R		207	226	254
Aisi 4718		360	393	442
Aisi 4815		815	889	1000
Aisi 8630 MOD		384	419	471
AISI 8720		230	251	282
AISI410		687	749	843
AMS 6418		572	624	702
B222-5		113	123	138
B222-6(4122 MOD)		99	108	122
B222-7		102	111	125
B222-8		208	227	256
B30		28	30	34
B46-1		412	450	506
B63-1		287	313	352
B63-2 (V2525-60)		278	303	341
B79		262	286	321
C38N2		31	34	38
C50+MO		27	30	34
D60SiMn5/ A1		55	60	68
F11		231	252	283
F22		471	513	578
F22 MOD		560	611	687
Grade 50R		231	252	283
HMS 60		393	429	483
ITM 129		32	35	39
JDM 4320		484	528	594
MTS 238 / SAE 1141/I		18	20	22
P420 QH		195	212	239
PS30 SAE 4715		383	418	470
PS55		679	741	834
PS65		53	58	66
RES 10460		30	32	36
RES166380		100	109	123
S1060		614	670	753
S460NL		124	135	152

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S690QL1 1.8988		368	401	451
SA 508 Gr. 3		328	358	403
SA 765 Gr. 4		63	68	77
SAE 1017 MOD		24	26	29
SAE 4130 MOD2		225	246	276
SAE 4140		128	139	157
SAE 4320 JDM		501	547	615
SAE 4820		822	896	1009
SAE 8620		220	240	270
SAE 8627H		212	232	261
SAE 8822H		253	276	311
STE460		101	110	124
STE 690		396	432	486
STE 690V		326	355	400
STE500/GSA10		52	57	64
ste890		556	607	683
Steel 9313		786	858	965
TK23F		152	165	186
TK28A		146	159	179
TS45.02		6	6	7
UC1		11	12	13
V 2525-50		299	326	367
V2525-70		283	308	347
V2527-70		418	456	513
V2905-95		26	29	32
V2906		28	31	34
V2908-95		31	34	38
VSCH CRNI 2525 HL		266	290	326
VSCH-CRNI(S)-2525-U/HH+		275	301	338
VSCH-MNCR(S)-2158-U-HM		104	113	127
VSCH-MNCR(S)-2158-U-HH		117	128	144
VW 4227		62	68	76
VW 4521		507	553	622
VW1427		47	51	57
X19NiCrMo4		1015	1108	1246
X30Cr13		657	717	807
ZF 1		398	434	488
ZF 1 A		537	586	660
ZF 49		33	36	40
ZF 50		10	11	12
ZF 6		78	85	96
ZF 63		67	73	82
ZF 64		63	69	78
ZF 7 B		73	79	89