

**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 2023- valid for April 2023 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	18	19	22
38 Cr 2	EN 10263-4	24	27	30
34 - 41Cr 4	EN 10263-4	40	44	49
25 - 42 CrMo 4	EN 10263-4	217	237	267
30 -40 NiCrMo 2	EN 10263	327	357	401
38 NiCrMo 4	EN 10263	377	411	462
34 CrNiMo 6	EN 10263-4	552	602	677
40 NiCrMo 7	EN 10263	594	648	729
<b>Acciai da bonifica / Hardening and tempering steels</b>				
QS1105200		14	15	17
41 Cr 4	EN 10083.1	41	44	50
36 CrMn 4	UNI 7847	42	46	52
51 CrV 4	EN 10083.1	87	94	106
25 - 42 CrMo 4	EN 10083.1	217	237	267
20-25 MoCr4		371	404	455
40 NiCrMo 2	EN 10083.1	307	334	376
36CrNiMo4	EN 10083.1	383	417	470
39 NiCrMo 3	EN 10083.1	375	409	461
40 NiCrMo 7	UNI 6926	599	653	735
30CrNiMo 8	EN 10083.1	805	878	988
30 NiCrMo 12		1018	1111	1250
30 NiCrMoV 12	UNI 6787	1062	1158	1303
36 NiCrMo 16	EN 10083.1	1117	1218	1370
<b>Acciai da cementazione / Case hardening steels</b>				
16 MnCr 5	EN 10084	41	44	50
20 MnCr 5	EN 10084	48	52	59
SAE 94B17		170	186	209
18 CrMo 4	EN 10084	194	212	239
12 NiCr 3		157	171	192
16 - 20 CrNi 4	EN 10084	236	257	289
16 NiCr 11	EN 10084	583	636	715
16 - 20 NiCrMo 2	EN 10084	291	317	357
18 NiCrMo 5	EN 10084	467	510	574
17 CrNiMo 6	EN 10084	635	693	779
18 NiCrMo 7	EN 10084	673	734	826
<b>Acciai da nitrurazione / Nitriding steels</b>				
31 CrMo 12	EN 10085	405	441	496
31 CrMoV 9	EN 10085	273	298	336
34 - 41CrAlMo 7	EN 10085	330	360	405
<b>Acciai per tempra superficiale / Surface hardening steels</b>				
38 Cr 4	UNI 7847	39	43	48
36 CrMn 4	UNI 7847	44	48	54
41 CrMo 4	UNI 7847	192	210	236
40 NiCrMo 3	UNI 7847	370	404	454

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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	431	471	529
14 CrMo 3	EN 10216	457	499	561
18 CrMoSi 4	EN 10222	476	519	584
11 CrMo 9 10	EN 10222.2	846	923	1038
16 CrMo 20 5	EN 10216.2	578	630	709
<b>Acciai basse temperature / Steels for low temperatures</b>				
18 Ni 14	EN 10216-4	719	784	882
X 12 Ni 09	EN10222-4	1845	2012	2264
<b>Acciai per cuscinetti / Bearing steels</b>				
100 Cr 6	EN 683.17	51	56	63
100 CrMo 7	EN 683.17	252	275	310
100 CrMn 4	EN 683.17	38	41	46
<b>Acciai per molle / Spring steels</b>				
48 - 60 Si 7	EN 10089	35	38	42
60 SiCr 8	EN 10089	48	52	58
52 SiCrNi 5	EN 10089	176	192	216
45 SiCrMo 6	EN 10089	201	219	247
55 Cr 3	EN 10089	32	35	39
50 CrV 4	EN 10089	84	92	103
51 CrMoV 4	EN 10089	234	256	288
<b>Acciai microlegati / Micro-alloyed steels</b>				
19 - 46 MnV 6	EN 10267	44	48	54
19 - 46 MnVS 6	EN 10267	46	50	56
38MnSiVS6		49	53	60
D25M6		53	57	64
48MnV3		35	39	44
<b>Acciai vari / Other steels</b>				
1.0038	S235JR	4	4	4
1.0432	C21	8	8	9
1.0460	P250GH	5	5	6
1.0482	19Mn5	17	18	20
1.0503	C45	5	5	6
1.0511	C40	5	5	6
1.0528	C30	5	5	6
1.0535	C55	5	6	7
1.0540	C50	5	6	7
1.0553	S355J0	14	15	17
1.0565	P355NH	9	10	11
1.0566	P355NL1	9	10	11
1.0570	S355J2G3	10	10	12
1.0577	S355J2	13	14	16
1.0715	11SMn30	8	9	10
1.0721	10S20	10	11	12
1.0726	35S20	11	12	14
1.0764	36SMn14	11	12	13
1.1108	10Mn4	12	13	14
1.1121	C10E	8	9	10
1.1127	38Mn6	15	16	18
1.1132	C15E2C	8	8	9
1.1140	C15R	7	8	9
1.1141	C15E	7	8	9
1.1160	22Mn6	17	19	21
1.1167	36Mn5	10	10	12
1.1181	C35E	8	9	10
1.1191	C45E/CK45	9	9	11
1.1197	25MnV5	28	31	35
1.1201	C45R	5	5	6
1.1206	C50E	5	6	7
1.1213	CF53	4	4	5
1.1219	C56E2	5	6	7
1.1221	C60E	10	10	12
1.1231	C67S	10	10	12
1.1236	C66D2	6	7	8
1.1241	C50R	5	6	7
1.1301	19MnVS6	44	48	54
1.1302	30MnVS6	46	50	56
1.1303	38MnVS6	48	53	59

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1.1304	46MnVD6	48	52	59
1.1305	46MnVS3	48	53	60
1.2007	70Cr2	29	31	35
1.2067	102Cr6	51	56	63
1.2242	59CrV4	67	73	82
1.2826	60MnSiCr4	31	34	38
1.3505	100Cr6	51	56	63
1.3520	100CrMnSi6-4	84	91	103
1.3531	16CrNiMo6	600	654	736
1.3536	100CrMo7-3	275	300	337
1.3537	100CrMo7	215	234	263
1.3538	100CrMo7-4	410	447	503
1.3539	100CrMnMoSi8-4-6	496	541	608
1.4021	X 20 Cr 13	408	445	501
1.4901	X10CrWMoVNB9-2	628	685	771
1.4903	X10CrMoVNB9-1	1054	1149	1293
1.5066	30Mn5	14	15	17
1.5120	38MnSi4	23	25	28
1.5216	17MnV6	54	58	66
1.5217	20MnV6	53	58	65
1.5223	42MnV7	42	45	51
1.5231	38MnSiVS5	49	53	60
1.5232	27MnSiVS6	51	55	62
1.5233	44MnSiVS6	51	55	62
1.5243	42MnSiV3 - 3	40	44	50
1.5415	16Mo3	239	261	293
1.5423	16Mo5	427	466	524
1.5523	19MnB4	7	8	9
1.5526	30MNB4	16	18	20
1.5527	40MnB4	20	22	25
1.5532	38MnB5	9	10	11
1.5662	X 8 Ni 9	1843	2011	2262
1.5708	12NiCr3	152	166	187
1.5715	16NiCrS4	236	257	289
1.5752	15NiCr13	698	761	856
1.5810	18 NiCr 5-4	312	341	383
1.5918	17 CrNi 6-6	368	401	451
1.6510	39 NiCrMo 3	356	388	437
1.6511	36 CrNiMo 4	423	462	519
1.6522	20 NiCrMo 2	286	312	351
1.6523	20 NiCrMo 2-2	291	317	357
1.6526	20NiCrMoS2-2	288	314	354
1.6527	20NiCrMo3	337	368	414
1.6541	23 MnNiCrMo 5 2	328	358	403
1.6562	40 NiCrMo 8-4	677	738	830
1.6563	41 NiCrMo 7-3-2	599	653	735
1.6566	17 NiCrMo 6-4	467	510	574
1.6580	30 CrNiMo 8	805	878	988
1.6582	34 CrNiMo 6	575	627	705
1.6587	18 CrNiMo 7-6	635	693	779
1.6657	14 NiCrMo 13-4	944	1030	1159
1.6758	23 MnNiMoCr 5-4	651	710	799
1.6782	16NiCrMo12-6	942	1028	1157
1.6959	35 NiCrMoV 12-5	1117	1219	1371
1.7016	17Cr3	35	38	43
1.7033	34Cr4	41	44	50
1.7034	37Cr4	41	44	50
1.7035	41Cr4	41	44	50
1.7039	41CrS4	41	44	50
1.7043	38Cr4	41	44	50
1.7076	32CrB4	37	40	45
1.7077	36CrB4	39	42	48
1.7117	52SiCrNi5	176	192	216
1.7131	16 MnCr 5	41	45	50
1.7137	60 MnCrB 3	34	37	42
1.7139	16 MnCrS 5	41	45	50
1.7147	20 MnCr 5	48	52	59
1.7148	30MnCrB4-2	48	52	59
1.7149	20 MnCrS 5	48	52	59

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1.7160	16 MnCrB 5	36	40	45
1.7168	18 MnCrB 5	44	48	53
1.7176	55Cr3	38	41	47
1.7177	60Cr3	28	31	35
1.7182	27 MnCrB 5 2	22	24	27
1.7185	33 MnCrB 5 2	23	25	28
1.7213	25 CrMoS 4	213	233	262
1.7216	30 CrMo 4	212	232	261
1.7218	25CrMo4	217	237	267
1.7220	34 CrMo 4	217	237	267
1.7223	41 CrMo 4	217	237	267
1.7225	42CrMo4	217	237	267
1.7226	34 CrMoS 4	217	237	267
1.7227	42 CrMoS 4	217	237	267
1.7228	50 CrMo 4	217	237	267
1.7243	18 CrMo 4	194	212	239
1.7311	20CrMo2	296	323	363
1.7319	20 MoCrS 3	296	322	363
1.7321	20 MoCr 4	369	402	452
1.7323	20 MoCrS 4	369	402	452
1.7325	25 MoCr 4	371	404	455
1.7326	25 MoCrS 4	371	404	455
1.7335	13 CrMo 4-5	379	414	465
1.7337	16 CrMo 4-4	386	421	473
1.7362	X12CrMo5	574	627	705
1.7380	10 CrMo 9 10	843	920	1035
1.7383	11 CrMo 9-10	844	920	1035
1.7386	X 12 CrMo 9 1	1064	1161	1306
1.7701	52CrMoV4	234	256	288
1.7765	32CrMoV12-10	938	1024	1152
1.8062	46SiCrMo6	221	241	271
1.8159	51CrV4	87	94	106
1.8161	58 CrV 4	80	87	98
1.8201	7CrWVMoNb9-6	270	294	331
1.8515	31 CrMo 12	402	438	493
1.8519	31 CrMoV 9	273	298	336
1.8550	34 CrAlNi 7-10	433	472	531
1.8871	P460QH	30	33	37
1.8901	S 460 N	348	380	427
1.8905	P 460 N	171	186	210
1.8907	StE 500	205	224	252
1.8915	P460NL1	184	201	226
1.8928	S690QL	467	510	574
92145		53	58	65
92216		48	52	58
92421		381	416	468
92520		467	510	574
92523,0		370	404	454
0078 A		297	324	364
1.1301-1.1302 mod		45	49	55
107-38MnV5		44	48	54
108-C40Mn		23	25	28
113-35CrB5		40	44	49
123-35MnCrB5		33	36	40
15CrNi6		362	395	444
18NCD4 RENAULT (C9)		263	287	322
18M		73	80	90
1DRB		98	106	120
15NICUMONB5		537	585	658
16NiCrMo12		921	1004	1130
20MNCR5F		151	164	185
20NiCr6		318	347	391
21CrMoV5.11		924	1008	1133
21CRMV5.7		636	693	780
22MnV6		92	101	113
23CrMoB3		273	298	335
23MCD5		168	183	206
23MnNiCrMo5.2		343	374	421
25CRNIMO2		443	484	544

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
27MnMoNiCr-AF		851	928	1044
28 CDV5.08		769	839	944
30 Cr Si Mo V 663		305	332	374
30CRMOV10F		478	522	587
30NiCrMoV7		687	750	844
33MB		14	16	18
33MNCRMOB5		136	148	167
33MnCrMoB5-2 - AF		184	201	226
35MB4-2		17	19	21
35MNB5		30	33	37
37MNCRMOB5		112	122	138
39MNCRB6		29	32	36
368.6		209	228	256
40-45CrMo4+Ni		307	335	377
4130M		280	306	344
AISI 4130H		225	246	277
41CrS4 Mod 27		106	115	130
42CrMo4 JMBK		294	321	361
42CRMO4 MOD.		337	367	413
42CrMo4 PBK		234	255	287
42CrMo4+Ni+V		318	347	391
4330		777	848	954
4330V		988	1078	1212
43crnimo4.6		516	563	633
45SiCrV6		95	104	117
4M		126	138	155
47TS2		21	23	26
50CRNIMOV4		323	353	397
50NICR13		698	761	856
56NiCrMoV7		785	856	963
605M36		207	226	254
61CrSiV5		88	96	108
8630/vgs		562	613	689
86B45 H		269	293	330
86CrMoV7		255	279	314
92523 Crown Wheel		370	404	454
92523 Pinion		360	392	441
9310 H		793	865	974
9313		829	905	1018
A105/LF2/F52		73	80	90
A 1041 F		15	16	18
A182 F1		431	470	529
A182 F22 MOD.		843	919	1034
A193 B16	ASTM	518	565	636
A193 B7		217	237	267
A320 L7		291	317	357
A350 LF2/A105		9	10	11
A694 F65		33	36	40
ABSBAIN20		232	253	285
ABSBAIN20Eco		192	210	236
ABSBAIN40		259	282	318
AAR GRADE F		73	80	90
AISI 4140 MOD.80/110KSI		234	255	287
AISI 4145 MOD. 125KSI		338	369	415
Aisi 4130 MOD. R		279	304	342
AISI 4130H/UNS H41300		191	208	234
Aisi 4718		490	534	601
Aisi 4815		920	1004	1130
Aisi 8630 MOD		529	577	649
AISI 8720		299	327	367
AISI410		437	476	536
AMS 6418		725	791	890
B222-5		171	187	210
B222-6(4122 MOD)		152	165	186
B222-7		156	170	192
B222-8		330	360	405
B30		21	23	26
B46-1		483	527	593

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
B63-1		266	291	327
B63-2 (V2525-60)		300	328	369
B79		384	419	471
C38N2		25	27	30
C38MNS6+AL		25	27	30
C50+MO		51	56	63
D60SiMn5/ A1		40	44	50
F11		396	432	485
F22		836	912	1026
F22 MOD		920	1004	1129
Grade 50R		342	374	420
HMS 60		680	742	835
ITM 129		24	26	29
JDM 4320H		578	631	709
MTS 238 / SAE 1141/I		16	17	20
P420 QH		233	254	285
PS30 SAE 4715		575	627	705
PS55		961	1048	1180
PS65		36	39	44
RES 10460		13	14	16
RES166380		152	166	187
S1060		737	804	905
S460NL		119	129	146
S690QL1 1.8988		415	453	509
SA 508 Gr. 3		531	580	652
SA 765 Gr. 4		61	67	75
SAE 1017 MOD		17	19	21
SAE 4130 MOD2		296	323	363
SAE 4140		179	196	220
SAE 4320 JDM		594	648	729
SAE 4820		926	1010	1137
SAE 8620		291	317	357
SAE 8627H		278	303	341
SAE 8822H		380	415	467
STE460		123	134	151
STE 690		594	648	729
STE 690V		399	435	489
STE500/GSA10		61	67	75
ste890		655	715	804
Steel 9313		808	882	992
TK23F		140	153	172
TK28A		151	165	185
TS45.02		5	6	7
UC1		10	10	12
V 2525-50		352	384	432
V2525-70		263	286	322
V2527-70		407	444	499
V2905-95		31	34	38
V2906		32	35	39
V2908-95		25	27	30
VSCH CRNI 2525 HL		269	294	331
VSCH-CRNI(S)-2525-U/HH+		258	281	317
VSCH-MNCR(S)-2158-U-HM		80	87	98
VSCH-MNCR(S)-2158-U-HH		89	97	109
VW 4227		40	44	49
VW 4521		628	685	771
VW1427		53	58	65
X19NiCrMo4		1080	1178	1326
X30Cr13		396	432	486
ZF 1		368	401	451
ZF 1 A		634	692	778
ZF 49		41	45	50
ZF 50		9	10	11
ZF 6		80	87	98
ZF 63		43	47	53
ZF 64		41	44	50
ZF 7 B		48	52	59