



WATCHMAKING
TWEEZERS
BROCHURE

'23

DUMONT 
S W I S S M A D E 

THE REFERENCE OF TWEEZERS SINCE 1881

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Geneva pattern, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-0-PO	Carbon	Polished	×	0.08	0.13	115	12	✓	7640126715872
0102-0-PO	Inox 02	Polished	×	0.10	0.17	115	14	✓	7640126714622
0102-0-PS	Inox 02	Matt	×	0.10	0.17	115	14	✓	7640241750116
0103-0-PO	Dumoxel®	Polished	×	0.10	0.17	115	15	✓	7640126714639
0302-0-CO	Inox 02	Epoxy Coated	×	0.10	0.17	115	15	✓	7640126719351
0302-0-PO	Inox 02	Polished	×	0.10	0.17	115	14	✓	7640126719368
0304-0-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	115	15	✓	7640126717357
0304-0-PO	Antimagnetic	Polished	×	0.10	0.17	115	15	✓	7640241750543

00

Geneva pattern, strong tips, heavy body



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-00-PO	Carbon	Polished	×	0.25	0.45	115	19	✓	7640126715889
0102-00-PO	Inox 02	Polished	×	0.25	0.45	115	14	✓	7640126711133
0103-00-PO	Dumoxel®	Polished	×	0.25	0.45	115	21	✓	7640126714646
0302-00-CO	Inox 02	Epoxy Coated	×	0.25	0.45	115	20	✓	7640126716114
0302-00-PO	Inox 02	Polished	×	0.25	0.45	115	14	✓	7640126719375
0304-00-CO	Antimagnetic	Epoxy Coated	×	0.25	0.45	115	21	✓	7640126717371
0304-00-PO	Antimagnetic	Polished	×	0.25	0.45	115	20	✓	7640126717388

00C

Geneva pattern, strong tips, short shanks



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-00C-PO	Carbon	Polished	×	0.25	0.45	105	13	✓	7640126715896
0102-00C-PO	Inox 02	Polished	×	0.25	0.45	105	17	✓	7640126711140
0103-00C-PO	Dumoxel®	Polished	×	0.25	0.45	105	20	✓	7640126711669
0302-00C-CO	Inox 02	Epoxy Coated	×	0.25	0.45	105	17	✓	7640126719382
0302-00C-PO	Inox 02	Polished	×	0.25	0.45	105	17	✓	7640126719399
0304-00C-CO	Antimagnetic	Epoxy Coated	×	0.25	0.45	105	19	✓	7640126717395

0A

Thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-0A-PO	Carbon	Polished	×	0.06	0.10	120	12	✓	7640126715902
0102-0A-PO	Inox 02	Polished	×	0.08	0.13	120	12	✓	7640126711157
0103-0A-PO	Dumoxel®	Polished	×	0.08	0.13	120	14	✓	7640126711676
0302-0A-CO	Inox 02	Epoxy Coated	×	0.08	0.13	120	15	✓	7640126719405
0302-0A-PO	Inox 02	Polished	×	0.08	0.13	120	14	✓	7640126719412
0304-0A-CO	Antimagnetic	Epoxy Coated	×	0.08	0.13	120	16	✓	7640126717418
0304-0A-PO	Antimagnetic	Polished	×	0.08	0.13	120	14	✓	7640126717425

0B

Thin tips with inside serration



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0108-0B-PO	Inox 08	Polished	✓(TIPS)	0.10	0.17	115	13	✓	7640126713144

0C90

Geneva pattern short, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-0C90-PO	Carbon	Polished	×	0.08	0.13	90	8	✓	7640126715926
0102-0C90-PO	Inox 02	Polished	×	0.10	0.17	90	8	✓	7640126711188
0103-0C90-PO	Dumoxel®	Polished	×	0.10	0.17	90	9	✓	7640126711683
0302-0C90-CO	Inox 02	Epoxy Coated	×	0.10	0.17	90	9	✓	7640126719443
0302-0C90-PO	Inox 02	Polished	×	0.10	0.17	90	8	✓	7640126719450
0304-0C90-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	90	10	✓	7640126717456
0304-0C90-CO	Antimagnetic	Polished	×	0.10	0.17	90	9	✓	7640126717463
0302-0C90S-PS	Inox 02	Matt	×	0.10	0.17	90	8	✓	7640241750376

OC100

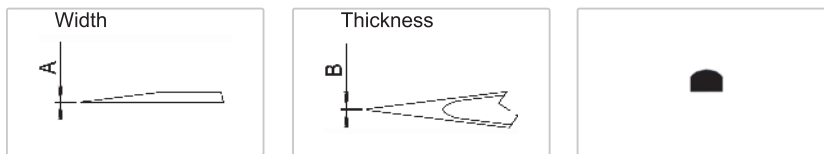
Geneva pattern short, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-OC100-PO	Carbon	Polished	×	0.08	0.13	100	-	✓	7640126715919
0102-OC100-PO	Inox 02	Polished	×	0.10	0.17	100	9	✓	7640126711164
0102-OC100-PS	Inox 02	Matt	×	0.10	0.17	100	9	✓	7640126711171
0302-OC100-CO	Inox 02	Epoxy Coated	×	0.10	0.17	100	10	✓	7640126719429
0302-OC100-PO	Inox 02	Polished	×	0.10	0.17	100	9	✓	7640126719436
0304-OC100-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	100	11	✓	7640126717432
0304-OC100-PO	Antimagnetic	Polished	×	0.10	0.17	100	10	✓	7640126717449

OXL

Geneva pattern, extra long, thin tips for large hands



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0108-OXL-PO	Inox 08	Polished	×	0.10	0.17	120	17	✓	7640126713151



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-1-PO	Carbon	Polished	×	0.10	0.17	120	12	✓	7640126715933
0102-1-PO	Inox 02	Polished	×	0.12	0.20	120	13	✓	7640126714226
0102-1-PS	Inox 02	Matt	×	0.12	0.20	120	13	✓	7640126711195
0103-1-PO	Dumoxel®	Polished	×	0.12	0.20	120	14	✓	7640126711683
0103-1-PS	Dumoxel®	Matt	×	0.12	0.20	120	14	✓	7640126711690
0109-1-PO	Dumostar®	Polished	×	0.12	0.20	120	14	✓	7640126714035
0109-1-PS	Dumostar®	Matt	×	0.12	0.20	120	14	✓	7640126713243
0302-1-CO	Inox 02	Epoxy Coated	×	0.12	0.20	120	14	✓	7640126716299
0302-1-PO	Inox 02	Polished	×	0.12	0.20	120	13	✓	7640126719467
0303-1-PO	Dumoxel®	Polished	×	0.12	0.20	120	14	✓	7640126717166
0304-1-CO	Antimagnetic	Epoxy Coated	×	0.12	0.20	120	14	✓	7640126718828
0304-1-PO	Antimagnetic	Polished	×	0.12	0.20	120	13	✓	7640126717470



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
5306-1L-PS	Brass	Matt / TMF*	×	0.20	2.00	125	19	✓	7640126713502

TMF = Mirror-finished tips

1AM

Strong tips, very popular in watchmaking. Brass, coated with a gold flash



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
5306-1AM-PS	Brass	Matt	×	0.12	0.20	125	20	✓	7640126713489

2

Strong long tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-2-PO	Carbon	Polished	×	0.12	0.30	120	13	✓	7640126710365
0102-2-PO	Inox 02	Polished	×	0.14	0.34	120	14	✓	7640126714240
0102-2-PS	Inox 02	Matt	×	0.14	0.34	120	14	✓	7640126711232
0103-2-PO	Dumoxel®	Polished	×	0.14	0.34	120	15	✓	7640126714103
0109-2-PO	Dumostar®	Polished	×	0.14	0.34	120	16	✓	7640126714257
0109-2-PS	Dumostar®	Matt	×	0.14	0.34	120	16	✓	7640126713250
0302-2-CO	Inox 02	Epoxy Coated	×	0.14	0.34	120	14	✓	7640126716404
0302-2-PO	Inox 02	Polished	×	0.14	0.34	120	14	✓	7640126719474
0303-2-PO	Dumoxel®	Polished	×	0.14	0.34	120	15	✓	7640126717173
0304-2-CO	Antimagnetic	Epoxy Coated	×	0.14	0.34	120	16	✓	7640126717487
0304-2-PO	Antimagnetic	Polished	×	0.14	0.34	120	14	✓	7640126717494

2 A

Flat rounded tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-2A-PO	Carbon	Polished	×	0.20	1.50	120	14	✓	7640126716848
0102-2A-PO	Inox 02	Polished	×	0.20	1.50	120	13	✓	7640126714059
0103-2A-PO	Dumoxel®	Polished	×	0.20	1.50	120	14	✓	7640126714110
0103-2A-PS	Dumoxel®	Matt	×	0.20	1.50	120	14	✓	7640126711737
0109-2A-PO	Dumostar®	Polished	×	0.20	1.50	120	14	✓	7640126714264
0302-2A-CO	Inox 02	Epoxy Coated	×	0.20	1.50	120	14	✓	7640126716503
0302-2A-PO	Inox 02	Polished	×	0.20	1.50	120	13	✓	7640126719528
0303-2A-PO	Dumoxel®	Polished	×	0.20	1.50	120	14	✓	7640126717197
0304-2A-CO	Antimagnetic	Epoxy Coated	×	0.20	1.50	120	14	✓	7640126719047
0304-2A-PO	Antimagnetic	Polished	×	0.20	1.50	120	14	✓	7640126717531
0304-2A-TF	Antimagnetic	Teflon Coated	×	0.20	1.50	120	14	✓	7640126717548
5306-2A-PS	Brass	Matt	×	0.20	1.50	120	18	✓	7640126713519

2 A M

Strong tips with bevel. Brass, coated with a gold flash



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
5306-2AM-PS	Brass	Matt	×	0.14	0.34	120	19	✓	7640126713526

2 L

Special tips, mirror finished inside. Brass, coated with a gold flash



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
5306-2L-PS	Brass	Matt / TMF	×	0.20	0.20	111	19	✓	7640126713533

TMF = Mirror-finished tips

2 LA

Special tips, mirror- finished inside. Brass, coated with a gold flash



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
5306-2LA-PS	Brass	Matt / TMF	×	0.60	0.20	111	19	✓	7640126713533

TMF = Mirror-finished tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-3-PO	Carbon	Polished	×	0.08	0.13	120	12	✓	7640126710532
0102-3-PO	Inox 02	Polished	×	0.10	0.17	120	13	✓	7640126714288
0102-3-PS	Inox 02	Matt	×	0.10	0.17	120	13	✓	7640126711300
0103-3-PO	Dumoxel®	Polished	×	0.10	0.17	120	14	✓	7640126714219
0103-3-PS	Dumoxel®	Matt	×	0.10	0.17	120	14	✓	7640126711775
0109-3-PO	Dumostar®	Polished	×	0.10	0.17	120	14	✓	7640126714158
0109-3-PS	Dumostar®	Matt	×	0.10	0.17	120	14	✓	7640126713267
0302-3-CO	Inox 02	Epoxy Coated	×	0.10	0.17	120	14	✓	7640126719559
0302-3-PO	Inox 02	Polished	×	0.10	0.17	120	13	✓	7640126719566
0303-3-PO	Dumoxel®	Polished	×	0.10	0.17	120	14	✓	7640126717210
0304-3-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	120	14	✓	7640126717593
0304-3-PO	Antimagnetic	Polished	×	0.10	0.17	120	13	✓	7640126717609
0304-3-TF	Antimagnetic	Teflon Coated	×	0.10	0.17	120	13	✓	7640126717616
0306-3-CO	Brass	Epoxy Coated	×	0.10	0.17	120	20	✓	7640241750802

3AM

Thin tips. Brass, coated with a gold flash®



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
5306-3AM-PS	Brass	Matt	×	0.10	0.17	120	19	✓	7640126713540



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-3C-PO	Carbon	Polished	×	0.08	0.13	110	11	✓	7640126716855
0102-3C-PO	Inox 02	Polished	×	0.10	0.17	110	11	✓	7640126714301
0102-3C-PS	Inox 02	Matt	×	0.10	0.17	110	11	✓	7640126711317
0103-3C-PO	Dumoxel®	Polished	×	0.10	0.17	110	12	✓	7640126714325
0106-3C-PO	Brass	Polished	×	0.10	0.17	110	14	✓	7640126713069
0109-3C-PO	Dumostar®	Polished	×	0.10	0.17	110	12	✓	7640126714318
0109-3C-PS	Dumostar®	Matt	×	0.10	0.17	110	12	✓	7640126713274
0302-3C-CO	Inox 02	Epoxy Coated	×	0.10	0.17	110	12	✓	7640126719573
0302-3C-PO	Inox 02	Polished	×	0.10	0.17	110	11	✓	7640126719580
0303-3C-PO	Dumoxel®	Polished	×	0.10	0.17	110	12	✓	7640126717227
0304-3C-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	110	13	✓	7640126717623
0304-3C-PO	Antimagnetic	Polished	×	0.10	0.17	110	12	✓	7640126717630



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-4-PO	Carbon	Polished	×	0.06	0.10	110	12	✓	7640126716862
0102-4-PO	Inox 02	Polished	×	0.08	0.13	110	12	✓	7640126714349
0102-4-PS	Inox 02	Matt	×	0.08	0.13	110	12	✓	7640126711324
0103-4-PO	Dumoxel®	Polished	×	0.08	0.13	110	12	✓	7640126714363
0109-4-PO	Dumostar®	Polished	×	0.08	0.13	110	14	✓	7640126714356
0109-4-PS	Dumostar®	Matt	×	0.08	0.13	110	14	✓	7640126713281
5306-4-PS	Brass	Matt	×	0.08	0.13	110	16	✓	7640126713557
0302-4-CO	Inox 02	Epoxy Coated	×	0.08	0.13	110	13	✓	7640126719597
0302-4-PO	Inox 02	Polished	×	0.08	0.13	110	12	✓	7640126719603
0303-4-PO	Dumoxel®	Polished	×	0.08	0.13	110	12	✓	7640126717234
0304-4-CO	Antimagnetic	Epoxy Coated	×	0.08	0.13	110	14	✓	7640126717647
0304-4-PO	Antimagnetic	Polished	×	0.08	0.13	110	13	✓	7640126717654



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-5-PO	Carbon	Polished	×	0.04	0.08	110	14	✓	7640126716879
0102-5-TF	Inox 02	Teflon Coated	×	0.06	0.10	110	13	✓	7640126711331
0103-5-PO	Dumoxel®	Polished	×	0.06	0.10	110	13	✓	7640126712673
0103-5-PS	Dumoxel®	Matt	×	0.06	0.10	110	13	✓	7640126711782
0103-5-TF	Dumoxel®	Teflon Coated	×	0.06	0.10	110	13	✓	7640126711799
0108-5-PO	Inox 08	Polished	×	0.06	0.10	110	12	✓	7640126714189
0108-5-PS	Inox 08	Matt	×	0.06	0.10	110	12	✓	7640126713168
0109-5-PO	Dumostar®	Polished	×	0.06	0.10	110	13	✓	7640126714011
0109-5-PS	Dumostar®	Matt	×	0.06	0.10	110	13	✓	7640126713298
0302-5-CO	Inox 02	Epoxy Coated	×	0.06	0.10	110	14	✓	7640126716732
0302-5-PO	Inox 02	Polished	×	0.06	0.10	110	13	✓	7640126719641
0302-5-PS	Inox 02	Matt	×	0.06	0.10	110	13	✓	7640126719658
0303-5-PO	Dumoxel®	Polished	×	0.06	0.10	110	13	✓	7640126717241
0303-5-PS	Dumoxel®	Matt	×	0.06	0.10	110	13	✓	7640126717258
0304-5-CO	Antimagnetic	Epoxy Coated	×	0.06	0.10	110	14	✓	7640126714844
0304-5-PO	Antimagnetic	Polished	×	0.06	0.10	110	14	✓	7640126717661
0304-5-PS	Antimagnetic	Matt	×	0.06	0.10	110	14	✓	7640126717678
0304-5-TF	Antimagnetic	Teflon Coated	×	0.06	0.10	110	14	✓	7640126717685



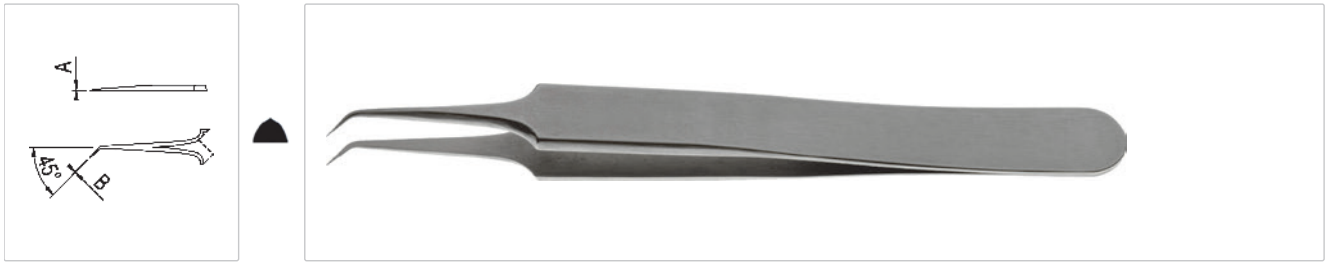
Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-5/15-PO	Carbon	Polished	×	0.04	0.08	110	12	✓	7640126716886
0103-5/15-PO	Dumoxel®	Polished	×	0.06	0.10	110	13	✓	7640126714165
0108-5/15-PO	Inox 08	Polished	×	0.06	0.10	110	13	✓	7640126713175
0108-5/15-PS	Inox 08	Matt	×	0.06	0.10	110	13	✓	7640126713182
0302-5/15-PO	Inox 02	Polished	×	0.06	0.10	110	13	✓	7640126719665
0304-5/15-PO	Antimagnetic	Polished	×	0.06	0.10	110	14	✓	7640126717692



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-5/45-PO	Carbon	Polished	×	0.04	0.08	109	12	✓	7640126716893
0103-5/45-PO	Dumoxel®	Polished	×	0.06	0.10	109	13	✓	7640126711805
0103-5/45-PS	Dumoxel®	Matt	×	0.06	0.10	109	13	✓	7640241750208
0107-5/45TI-PO	Titanium	Polished	×	0.06	0.10	109	7	✓	7640126714417
0108-5/45-PO	Inox 08	Polished	×	0.06	0.10	109	12	✓	7640126714196
0108-5/45-PS	Inox 08	Matt	×	0.06	0.10	109	12	✓	7640241750277
0109-5/45-PO	Dumostar®	Polished	×	0.06	0.10	109	13	✓	7640126713304
0302-5/45-PO	Inox 02	Polished	×	0.06	0.10	109	12	✓	7640126719672
0304-5/45-PO	Antimagnetic	Polished	×	0.06	0.10	109	14	✓	7640126717708

5/45 C

Type 5/45 short, super thin tips bent 45°, for hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0108-5/45C-PO	Inox 08	Polished	×	0.06	0.10	109	12	✓	7640126713199

5/90

Super thin tips bent 90°, for hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-5/90-PO	Carbon	Polished	×	0.04	0.08	106	12	✓	7640126716909
0103-5/90-PO	Dumoxel®	Polished	×	0.06	0.10	106	13	✓	7640126714172
0108-5/90-PO	Inox 08	Polished	×	0.06	0.10	106	12	✓	7640126713205
0302-5/90-PO	Inox 02	Polished	×	0.06	0.10	106	12	✓	7640126719689
0304-5/90-PO	Antimagnetic	Polished	×	0.06	0.10	106	14	✓	7640126717715

5 A

Oblique tips, to work under microscope



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-5A-PO	Carbon	Polished	×	0.06	0.10	115	9	✓	7640126710679
0103-5A-PO	Dumoxel®	Polished	×	0.08	0.13	115	12	✓	7640126714479
0103-5A-PS	Dumoxel®	Matt	×	0.08	0.13	115	12	✓	7640241750253
0108-5A-PO	Inox 08	Polished	×	0.08	0.13	115	12	✓	7640126714455
0109-5A-PO	Dumostar®	Polished	×	0.08	0.13	115	13	✓	7640126714462
0302-5A-CO	Inox 02	Epoxy Coated	×	0.08	0.13	115	12	✓	7640126719696
0302-5A-PO	Inox 02	Polished	×	0.08	0.13	115	12	✓	7640126719702
0304-5A-PO	Antimagnetic	Polished	×	0.08	0.13	115	13	✓	7640126717739
0304-5A-PS	Antimagnetic	Matt	×	0.08	0.13	115	13	✓	7640126717722

5 A / 4 5

Thin oblique tips bent 45°, for hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0103-5A/45-PO	Dumoxel®	Polished	×	0.08	0.13	113	-	✓	7640126714400
0302-5A/45-PO	Inox 02	Polished	×	0.08	0.13	113	-	✓	7640126719719
0303-5A/45-PO	Dumoxel®	Polished	×	0.08	0.13	113	-	✓	7640126717265
0304-5A/45-PO	Antimagnetic	Polished	×	0.08	0.13	113	-	✓	7640126717746

5 CST

To manipulate electronic wires, inside tips serration



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0109-5CST-PO	Dumostar®	Polished	✓(TIPS)	0.25	0.30	115	13	✓	7640126713328

6

Thin angled tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-6-PO	Inox 02	Polished	×	0.10	0.17	115	15	✓	7640126714493
0103-6-PO	Dumoxel®	Polished	×	0.10	0.17	115	15	✓	7640126711829
0109-6-PO	Dumostar®	Polished	×	0.10	0.17	115	15	✓	7640126714509
0109-6-PS	Dumostar®	Matt	×	0.10	0.17	115	15	✓	7640126713335
0302-6-PO	Inox 02	Polished	×	0.10	0.17	115	15	✓	7640126719726
0304-6-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	115	16	✓	7640126717760
0304-6-PO	Antimagnetic	Polished	×	0.10	0.17	115	15	✓	7640126717777



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-7-PO	Carbon	Polished	×	0.08	0.13	115	15	✓	7640126716954
0102-7-PO	Inox 02	Polished	×	0.10	0.17	115	14	✓	7640126714523
0102-7-PS	Inox 02	Matt	×	0.10	0.17	115	14	✓	7640126711393
0102-7-TF	Inox 02	Teflon Coated	×	0.10	0.17	115	14	✓	7640126711409
0103-7-PO	Dumoxel®	Polished	×	0.10	0.17	115	15	✓	7640126714530
0103-7-PS	Dumoxel®	Matt	×	0.10	0.17	115	15	✓	7640126711836
0107-7TI-PO	Titanium	Polished	×	0.10	0.17	115	9	✓	7640126714547
0107-7TI-PS	Titanium	Matt	×	0.10	0.17	115	9	✓	7640126713120
0109-7-PO	Dumostar®	Polished	×	0.10	0.17	115	16	✓	7640126714042
0109-7-PS	Dumostar®	Matt	×	0.10	0.17	115	16	✓	7640126713342
0302-7-CO	Inox 02	Epoxy Coated	×	0.10	0.17	115	15	✓	7640126716930
0302-7-PO	Inox 02	Polished	×	0.10	0.17	115	14	✓	7640126719733
0303-7-PO	Dumoxel®	Polished	×	0.10	0.17	115	15	✓	7640126717272
0303-7-PS	Dumoxel®	Matt	×	0.10	0.17	115	15	✓	7640126717289
0304-7-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	115	16	✓	7640126719511
0304-7-PO	Antimagnetic	Polished	×	0.10	0.17	115	15	✓	7640126717784

7A

Curved and thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-7A-PO	Carbon	Polished	×	0.12	0.20	115	15	✓	7640126716961
0102-7A-PO	Inox 02	Polished	×	0.16	0.24	115	12	✓	7640126714554
0102-7A-PS	Inox 02	Matt	×	0.16	0.24	115	12	✓	7640241750154
0103-7A-PO	Dumoxel®	Polished	×	0.16	0.24	115	16	✓	7640126711843
0302-7A-PO	Inox 02	Polished	×	0.16	0.24	115	14	✓	7640126719740
0302-7A-PS	Inox 02	Matt	×	0.16	0.24	115	14	✓	7640126716343
0303-7A-PO	Dumoxel®	Polished	×	0.16	0.24	115	16	✓	7640126717296
0304-7A-CO	Antimagnetic	Green Epoxy Coated	×	0.16	0.24	115	15	✓	7640126717791
0304-7A-PO	Antimagnetic	Polished	×	0.16	0.24	115	15	✓	7640126717807

7B

Curved thin tips with inside serration



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-7B-PO	Inox 02	Polished	✓(TIPS)	0.16	0.24	115	11	✓	7640126714561
0103-7B-PO	Dumoxel®	Polished	✓(TIPS)	0.16	0.24	115	16	✓	7640126711850
0107-7BTI-PO	Titanium	Polished	✓(TIPS)	0.16	0.24	115	9	✓	7640126714097
0109-7B-PO	Dumostar®	Polished	✓(TIPS)	0.16	0.24	115	16	✓	7640126714578
0302-7B-PO	Inox 02	Polished	✓(TIPS)	0.16	0.24	115	14	✓	7640126719757

7S

Curved thin tips with inside serration



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-7S-PO	Carbon	Polished	×	0.08	0.13	117	14	✓	7640241750086
0102-7S-PO	Inox 02	Polished	×	0.10	0.17	117	12	✓	7640126711416
5306-7S-PS	Brass	Matt / TMF	×	0.10	0.17	117	16	✓	7640126713564

TMF = Mirror-finished tips

8

To straighten pivots



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-8-PO	Carbon	Polished	×	0.20	9.20	110	26	✓	7640126716985
0102-8-PO	Inox 02	Polished	×	0.20	9.20	110	26	✓	7640126711423
0103-8-PO	Dumoxel®	Polished	×	0.20	9.20	110	24	✓	-
0302-8-PO	Inox 02	Polished	×	0.20	9.20	110	26	✓	-
0304-8-PO	Antimagnetic	Polished	×	0.20	9.20	110	28	✓	7640126717814

9/0

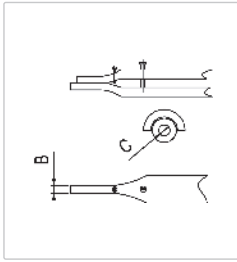
To bend Breguet hairsprings, size 0



Reference	Steel / alloy	Finish	Serration	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-9/0-PO	Carbon	Polished	×	1.70	Ø 0.65	110	15	✓	7640126716992

9/00

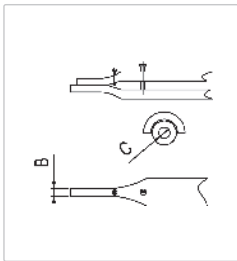
To bend Breguet hairsprings, size 00



Reference	Steel / alloy	Finish	Serration	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-9/00-PO	Carbon	Polished	×	1.50	Ø 0.55	110	15	✓	7640126711003

9/1

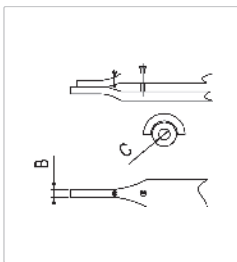
To bend Breguet hairsprings, size 1



Reference	Steel / alloy	Finish	Serration	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-9/1-PO	Carbon	Polished	×	1.90	Ø 0.75	110	17	✓	7640126711010

9/2

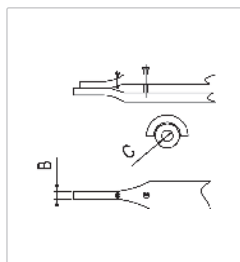
To bend Breguet hairsprings, size 2



Reference	Steel / alloy	Finish	Serration	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-9/2-PO	Carbon	Polished	×	2.30	Ø 0.95	110	18	✓	7640126711027

9/3

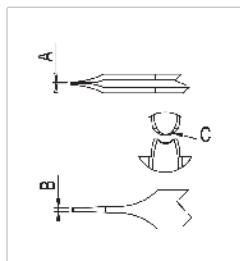
To bend Breguet hairsprings, size 3



Reference	Steel / alloy	Finish	Serration	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-9/3-PO	Carbon	Polished	×	2.60	Ø 1.10	110	19	✓	7640126711034

10/0

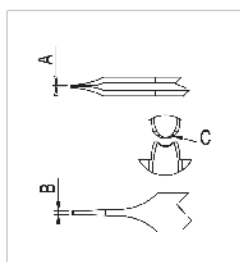
To curve Breguet hairsprings, size 0



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/0-PO	Carbon	Polished	×	0.40	0.90	Ø 0.40	110	16	✓	7640126715933

10/00

To curve Breguet hairsprings, size 00



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/00-PO	Carbon	Polished	×	0.30	0.60	Ø 0.32	110	16	✓	7640126715957

10/000

To curve Breguet hairsprings, size 000



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/000-PO	Carbon	Polished	×	0.20	0.40	Ø 0.25	110	15	✓	7640126715964

10/1

To curve Breguet hairsprings, size 1



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/1-PO	Carbon	Polished	×	0.50	1.20	Ø 0.60	110	16	✓	7640126715971

10/2

To curve Breguet hairsprings, size 2



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/2-PO	Carbon	Polished	×	0.60	1.40	Ø 0.70	110	15	✓	7640126715988

10/3

To curve Breguet hairsprings, size 3



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/3-PO	Carbon	Polished	×	0.70	1.70	Ø 0.90	110	15	✓	7640126715995

10/4

To curve Breguet hairsprings, size 4



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/4-PO	Carbon	Polished	×	0.80	2.00	Ø 1.00	110	15	✓	7640126716671

10/5

To curve Breguet hairsprings, size 5



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/5-PO	Carbon	Polished	×	0.90	2.20	Ø 1.10	110	15	✓	7640126716688
0102-10/5-PO	Inox 02	Polished	×	0.90	2.20	Ø 1.10	110	16	✓	7640241750123

10/6

To curve Breguet hairsprings, size 6



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/6-PO	Carbon	Polished	×	1.00	2.40	∅ 1.25	110	16	✓	7640126716695

10/7

To curve Breguet hairsprings, size 7



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10/7-PO	Carbon	Polished	×	1.10	2.60	∅ 1.35	110	16	✓	7640126716701

10 B

To curve center of hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-10B-PO	Dumostar®	Polished	×	0.15	0.20	120	15	✓	7640126716718
0102-10B-PO	Inox 02	Polished	×	0.15	0.20	120	11	✓	7640126711201

11

Strong tips, ideal to manipulate delicate parts



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0105-11NI-PO	Nickel	Polished	×	0.14	0.24	120	14	✓	7640126711997
0105-11NI-PS	Nickel	Matt	×	0.14	0.24	120	14	✓	7640126713007
0305-11NI-CO	Nickel	Epoxy Coated	×	0.14	0.24	120	15	✓	7640126716213
0305-11NI-PO	Nickel	Polished	×	0.14	0.24	120	14	✓	7640126716220

12

Thin tips, ideal to manipulate delicate parts



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0103-12-PO	Dumoxel®	Polished	×	0.10	0.17	120	15	✓	7640126711713
0105-12NI-PO	Nickel	Polished	×	0.10	0.17	120	14	✓	7640126713014
0110-12-PO	Bronze	Polished	×	0.10	0.17	120	15	✓	7640126712000
0305-12NI-CO	Nickel	Epoxy Coated	×	0.10	0.17	120	14	✓	7640126716237
0305-12NI-PO	Nickel	Polished	×	0.10	0.17	120	14	✓	7640126716374

12 ASA

To manipulate various components, flat round tips, bent 45°



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0304-12ASA-PO	Antimagnetic	Polished	×	0.20	1.50	115	14	✓	7640126714967

* Compliant to **RoHS/REACH**

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13

To set round balance wheels



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0105-13NI-PO	Nickel	Polished	×	1.40	1.80	∅ 0.75	110	27	✓	7640126713021

14

To set round balance wheels



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-14-PO	Carbon 02	Polished	×	0.30	5.00	110	25	✓	7640126716725
0102-14-PO	Inox 02	Polished	×	0.30	5.00	110	24	✓	7640126711218

14 A

To remove, place and hold clocks hands, with locking system



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-14A-PO	Carbon	Polished	×	0.30	5.00	125	22	✓	7640126716749
0102-14A-PO	Inox 02	Polished	×	0.30	5.00	125	24	✓	7640126711225

15

To mark hairsprings and remove second hand



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-15-PO	Carbon	Polished	×	2.50	3.00	∅ 2.20	110	16	✓	7640126716756

15A

To cut wires, hairsprings and others



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-15A-PO	Carbon	Polished	×	8.50	10.50	∅ 0.20	115	24	✓	7640126716763
0101-15A0-PO	Carbon	Polished	×	8.50	10.50	∅ 0.60	115	-	✓	7640241750017

15AP

To cut various copper wires, parallel cutting edges



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-15AP-PO	Carbon	Polished	×	8.50	10.50	115	30	✓	7640126716770
0301-15AP-PO	Carbon	Polished	×	8.50	10.50	115	30	✓	7640126714776

15 C

Type 15 short, to mark hairsprings and remove second hand



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-15C-PO	Carbon	Polished	×	2.50	2.20	∅ 2.20	90	11	✓	7640126716794

23 B

To remove, place and hold clocks hands, with locking system



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-23B-PO	Carbon	Polished	×	0.80	2.00	∅ 0.55	110	12	✓	7640126716800
0102-23B-PO	Inox 02	Polished	×	0.80	2.00	∅ 0.55	110	14	✓	7640126711249

24

Strong tips with inside serration



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0302-24-PO	Inox 02	Polished	✓(BODY+TIPS)	0.50	0.50	150	16	✓	7640126719481
0307-24TI-PO	Titanium	Polished	✓(BODY+TIPS)	0.50	0.50	150	-	✓	7640126716282

24/45

Strong tips with inside serration, bent 45°



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0302-24/45-PO	Inox 02	Polished	✓(BODY+TIPS)	0.50	0.50	145	17	✓	7640126719498

24 B

To hold pallet forks, with locking system



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-24B-PO	Carbon	Polished	×	0.80	2.00	Ø 0.60	110	13	✓	7640126716817

24 C

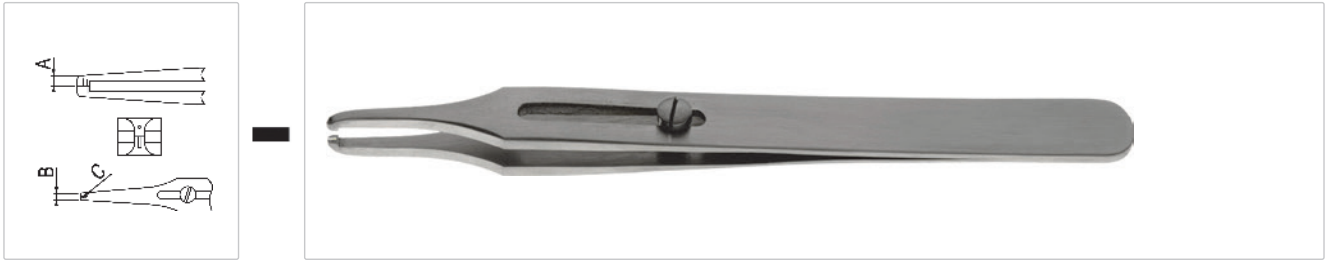
For screws, with locking system



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-24C-PO	Inox02	Polished	×	0.90	1.50	Ø 0.30	125	-	✓	7640126711256

25 B

To hold pallet forks, narrow tips, with locking system



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-25B-PO	Carbon	Polished	×	0.80	1.50	∅ 0.45	110	14	✓	7640126716824
0102-25B-PO	Inox 02	Polished	×	0.80	1.50	∅ 0.45	110	13	✓	7640126711263

27

Thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0103-27-PO	Dumoxel®	Polished	×	0.12	0.20	135	13	✓	7640126711720
0302-27-PO	Inox 02	Polished	×	0.12	0.20	135	13	✓	7640126719504

51

Super thin tips, bent 45°, for little hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0106-51-PO	Carbon	Polished	×	0.06	0.10	115	-	✓	7640126713076
0107-51TI-PO	Titanium	Polished	×	0.06	0.10	115	7	✓	7640126714080
0109-51-PO	Dumostar®	Polished	×	0.06	0.10	115	12	✓	7640126714202

53 C

Type 53 short, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-53C-PO	Carbon	Polished	×	0.08	0.13	110	9	✓	7640241750062

54

Type 4, light shanks, very thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-54-PO	Carbon	Polished	×	0.04	0.08	110	10	✓	7640241750079
0102-54-PO	Inox 02	Polished	×	0.08	0.13	110	11	✓	7640126711386

55

Type 5, light shanks, very thin tips for hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-55-PO	Carbon	Polished	×	0.04	0.08	110	12	✓	7640126716916
0102-55-PO	Inox 02	Polished	×	0.08	0.13	110	10	✓	7640126714431
0103-55-PO	Dumoxel®	Polished	×	0.08	0.13	110	11	✓	7640126714448

60/3

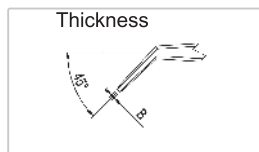
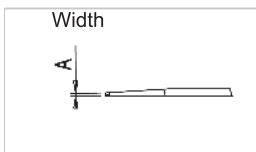
To bend thin copper wires



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-60/3-PO	Carbon	Polished	×	0.50	0.65	115	19	✓	7640126716947

242

To hold and insert small screws, tips bent 45°



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
5304-242-PS	Antimagnetic	Matt	×	0.70	1.80	138	-	✓	7640126713441

A

Strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-A-PO	Inox 02	Polished	×	0.35	0.60	115	18	✓	7640126711430
0103-A-PO	Dumoxel®	Polished	×	0.35	0.60	115	21	✓	7640126711867
0302-A-PO	Inox 02	Polished	×	0.35	0.60	115	18	✓	7640126719764
0304-A-CO	Antimagnetic	Epoxy Coated	×	0.35	0.60	115	22	✓	7640241750697
0304-A-PO	Antimagnetic	Polished	×	0.35	0.60	115	21	✓	7640126717821

AA

Strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-AA-PO	Carbon	Polished	×	0.20	0.40	125	-	✓	7640126711041
0102-AA-PO	Inox 02	Polished	×	0.20	0.40	125	14	✓	7640126711706
0103-AA-PO	Dumoxel®	Polished	×	0.20	0.40	125	16	✓	7640126714585
0106-AA-PO	Brass	Polished	×	0.20	0.40	125	-	✓	7640126713083
0302-AA-CO	Inox 02	Epoxy Coated	×	0.20	0.40	125	16	✓	7640126719771
0302-AA-PO	Inox 02	Polished	×	0.20	0.40	125	14	✓	7640126719788
0303-AA-PO	Dumoxel®	Polished	×	0.20	0.40	125	16	✓	7640126717302
0304-AA-CO	Antimagnetic	Epoxy Coated	×	0.20	0.40	125	16	✓	7640126717838
0304-AA-PO	Antimagnetic	Polished	×	0.20	0.40	125	16	✓	7640126717845

AC

Type A short, strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-AC-PO	Carbon	Polished	×	0.35	0.60	105	14	✓	7640126711058
0103-AC-PO	Dumoxel®	Polished	×	0.35	0.60	105	19	✓	7640241750215
0302-AC-CO	Inox 02	Blue Epoxy Coated	×	0.35	0.60	105	19	✓	7640241750406
0304-AC-PO	Antimagnetic	Polished	×	0.35	0.60	105	19	✓	7640126717852

F

Wide square tips for clock hands



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-F-PO	Carbon	Polished	×	0.20	2.00	120	13	✓	7640126711065
0102-F-PO	Inox 02	Polished	×	0.20	2.00	120	12	✓	7640126714592
0103-F-PO	Dumoxel®	Polished	×	0.20	2.00	120	13	✓	7640126714608
0302-F-PO	Inox 02	Polished	×	0.20	2.00	120	12	✓	7640126719795
0304-F-CO	Antimagnetic	Epoxy Coated	×	0.20	2.00	120	12	✓	7640126717869
0304-F-PO	Antimagnetic	Polished	×	0.20	2.00	120	13	✓	7640126717876

H

Triangle thin tips, short shanks



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-H-PO	Carbon	Polished	×	0.08	0.13	90	12	✓	7640126711072
0102-H-PO	Inox 02	Polished	×	0.10	0.17	90	12	✓	7640126711454
0103-H-PO	Dumoxel®	Polished	×	0.10	0.17	90	12	✓	7640126711874
0302-H-CO	Inox 02	Epoxy Coated	×	0.10	0.17	90	13	✓	7640126719825
0302-H-PO	Inox 02	Polished	×	0.10	0.17	90	12	✓	7640126719832
0304-H-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	90	14	✓	7640126717890
0304-H-PO	Antimagnetic	Polished	×	0.10	0.17	90	12	✓	7640126717906

P

Strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-P-PO	Carbon	Polished	×	0.12	0.20	120	12	✓	7640126711089
0102-P-PO	Inox 02	Polished	×	0.14	0.24	120	12	✓	7640126711614
0103-P-PO	Dumoxel®	Polished	×	0.14	0.24	120	14	✓	7640126711973
0302-P-CO	Inox 02	Epoxy Coated	×	0.14	0.24	120	13	✓	7640241750482
0302-P-PO	Inox 02	Polished	×	0.14	0.24	120	12	✓	7640126717098
0304-P-PO	Antimagnetic	Polished	×	0.14	0.24	120	12	✓	7640126716145

PP

Strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-PP-PO	Carbon	Polished	×	0.12	0.20	135	18	✓	7640126711096
0102-PP-PO	Inox 02	Polished	×	0.14	0.24	135	18	✓	7640126711621
0103-PP-PO	Dumoxel®	Polished	×	0.14	0.24	135	14	✓	7640126714653
0302-PP-CO	Inox 02	Epoxy Coated	×	0.14	0.24	135	19	✓	7640241750499
0302-PP-PO	Inox 02	Polished	×	0.14	0.24	135	19	✓	7640126717104
0303-PP-PO	Dumoxel®	Polished	×	0.14	0.24	135	14	✓	7640126717333
0304-PP-PO	Antimagnetic	Polished	×	0.14	0.24	135	20	✓	7640126716152

S

Thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-S-PO	Carbon	Polished	×	0.10	0.14	120	13	✓	7640126711102
0102-S-PO	Inox 02	Polished	×	0.12	0.20	120	12	✓	7640126711638
0103-S-PO	Dumoxel®	Polished	×	0.12	0.20	120	13	✓	7640126714660
0106-S-PO	Brass	Polished	×	0.12	0.20	120	-	✓	7640126713106
0301-S-CO	Carbon	Epoxy Coated	×	0.12	0.20	120	13	✓	-
0302-S-PS	Inox 02	Matt	×	0.12	0.20	120	12	✓	7640126717111

S5

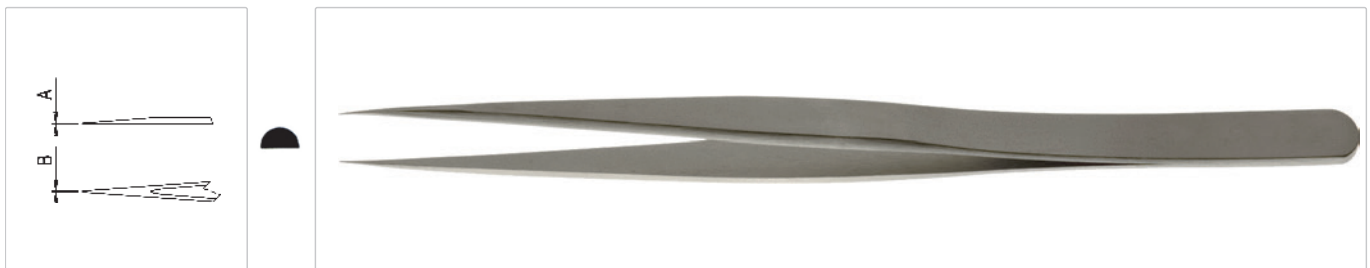
Long popular tweezers for handling, to manipulate delicate parts



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
5305-S5-PO	Nickel	Polished	×	0.20	0.30	130	21	✓	7640126713465
5306-S5-PO	Brass	Polished	×	0.20	0.30	130	21	✓	7640126713397
5310-S5-PO	Bronze	Polished	×	0.20	0.30	130	26	✓	7640241754190

SS135

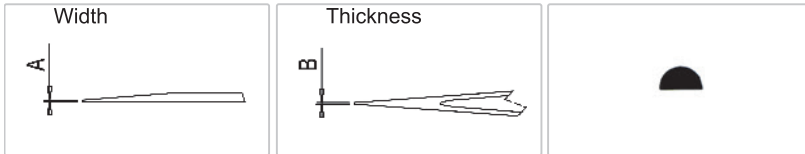
Long narrow shanks, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-SS135-PO	Carbon	Polished	×	0.10	0.14	135	10	✓	7640126711119
0102-SS135-PO	Inox 02	Polished	×	0.12	0.20	135	12	✓	7640126712222
0103-SS135-PO	Dumoxel®	Polished	×	0.12	0.20	135	12	✓	7640126713496
0105-SS135NI-PO	Nickel	Polished	×	0.12	0.20	135	16	✓	7640241750260
0109-SS135-PO	Dumostar®	Polished	×	0.12	0.20	135	-	✓	7640126713359
0302-SS135-PO	Inox 02	Polished	×	0.12	0.20	135	12	✓	7640126717128
0304-SS135-CO	Antimagnetic	Epoxy Coated	×	0.12	0.20	135	13	✓	7640126719993
0304-SS135-PO	Antimagnetic	Polished	×	0.12	0.20	135	12	✓	7640126716190

SS140

Long narrow shanks, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-SS140-PO	Carbon	Polished	×	0.10	0.14	140	13	✓	7640126711126
0102-SS140-PO	Inox 02	Polished	×	0.12	0.20	140	13	✓	7640126714028
0102-SS140-PS	Inox 02	Matt	×	0.12	0.20	140	13	✓	7640126711652
0103-SS140-PO	Dumoxel®	Polished	×	0.12	0.20	140	13	✓	7640126714677
0107-SS140TI-PO	Titanium	Polished	×	0.12	0.20	140	7	✓	7640126714684
0109-SS140-PO	Dumostar®	Polished	×	0.12	0.20	140	13	✓	7640126714004
0302-SS140-CO	Inox 02	Epoxy Coated	×	0.12	0.20	140	13	✓	7640126717135
0302-SS140-PO	Inox 02	Polished	×	0.12	0.20	140	13	✓	7640126717142
0302-SS140-PS	Inox 02	Matt	×	0.12	0.20	140	13	✓	7640126717159
0303-SS140-PO	Dumoxel®	Polished	×	0.12	0.20	140	13	✓	7640126717340
0304-SS140-CO	Antimagnetic	Epoxy Coated	×	0.12	0.20	140	14	✓	7640126714851
0304-SS140-PO	Antimagnetic	Polished	×	0.12	0.20	140	13	✓	7640126716206

N0C

Self-closing tweezers type 0 short, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N0C-PO	Inox 02	Polished	×	0.10	0.17	108	7	✓	7640126714813
0302-N0C-CO	Inox 02	Epoxy Coated	×	0.10	0.17	108	8	✓	7640126719900
0304-N0C-PO	Antimagnetic	Polished	×	0.10	0.17	108	8	✓	7640126717944

N1

Self-closing tweezers type 1, strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N1-PO	Inox 02	Polished	×	0.12	0.20	118	7	✓	7640126714783
0103-N1-PO	Dumoxel®	Polished	×	0.12	0.20	118	10	✓	7640126714127
0103-N1-PS	Dumoxel®	Matt	×	0.12	0.20	118	13	✓	7640241750222
0303-N1-PO	Dumoxel®	Polished	×	0.12	0.20	118	13	✓	7640126717319
0304-N1-PO	Antimagnetic	Polished	×	0.12	0.20	118	10	✓	7640126717951

N 2

Self-closing tweezers type 2, long strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N2-PO	Inox 02	Polished	×	0.14	0.34	118	10	✓	7640126711485
0102-N2-PS	Inox 02	Matt	×	0.14	0.34	118	10	✓	7640126711492
0103-N2-PO	Dumoxel®	Polished	×	0.14	0.34	118	10	✓	7640126711898
0302-N2-PO	Inox 02	Polished	×	0.14	0.34	118	10	✓	7640126719917
0304-N2-PO	Antimagnetic	Polished	×	0.14	0.34	118	10	✓	7640241755708

N 2 A

Self-closing tweezers type 2A, round tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N2A-PO	Inox 02	Polished	×	0.20	1.50	118	8	✓	7640126711508
0103-N2A-PO	Dumoxel®	Polished	×	0.20	1.50	118	10	✓	7640126714820
0302-N2A-CO	Inox 02	Epoxy Coated	×	0.20	1.50	118	9	✓	7640126719924
0302-N2A-PO	Inox 02	Polished	×	0.20	1.50	118	8	✓	7640241750475
0304-N2A-PO	Antimagnetic	Polished	×	0.20	1.50	118	11	✓	7640126717982

N3

Self-closing tweezers type 3, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N2A-PO	Inox 02	Polished	×	0.20	1.50	118	8	✓	7640126711508
0103-N2A-PO	Dumoxel®	Polished	×	0.20	1.50	118	10	✓	7640126714820
0302-N2A-CO	Inox 02	Epoxy Coated	×	0.20	1.50	118	9	✓	7640126719924
0302-N2A-PO	Inox 02	Polished	×	0.20	1.50	118	8	✓	7640241750475
0304-N2A-PO	Antimagnetic	Polished	×	0.20	1.50	118	11	✓	7640126717982

N3C

Self-closing tweezers type 3 short, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N3C-PO	Inox 02	Polished	×	0.10	0.17	108	7	✓	7640126711522
0103-N3C-PO	Dumoxel®	Polished	×	0.10	0.17	108	9	✓	7640126711911
0302-N3C-PO	Inox 02	Polished	×	0.10	0.17	108	7	✓	7640126719955
0304-N3C-PO	Antimagnetic	Polished	×	0.10	0.17	108	10	✓	7640126716039

N 4

Self-closing tweezers type 4, very thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N4-PO	Inox 02	Polished	×	0.08	0.13	108	9	✓	7640126711539
0103-N4-PO	Dumoxel®	Polished	×	0.08	0.13	108	9	✓	7640126711928
0302-N4-PO	Inox 02	Polished	×	0.08	0.13	108	9	✓	7640126719962
0303-N4-PO	Dumoxel®	Polished	×	0.08	0.13	108	9	✓	7640126717326
0304-N4-PO	Antimagnetic	Polished	×	0.08	0.13	108	9	✓	7640126716046

N 5

Self-closing tweezers type 5, super thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N5-PO	Inox 02	Polished	×	0.06	0.10	108	9	✓	7640126711546
0102-N5-PS	Inox 02	Matt	×	0.06	0.10	108	9	✓	7640126711553
0103-N5-PO	Dumoxel®	Polished	×	0.06	0.10	108	10	✓	7640126714790
0103-N5-PS	Dumoxel®	Matt	×	0.06	0.10	108	10	✓	7640126711935
0302-N5-PO	Inox 02	Polished	×	0.06	0.10	108	9	✓	7640126719979
0304-N5-PO	Antimagnetic	Polished	×	0.06	0.10	108	10	✓	7640126716039

N 5 A

Self-closing tweezers type 5A, thin oblique tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0304-N5A-PO	Antimagnetic	Polished	×	0.08	0.13	113	-	✓	7640241750727

N 6

Self-closing tweezers type 6, thin angled tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N6-PO	Inox 02	Polished	×	0.10	0.17	113	9	✓	7640126711577
0302-N6-PO	Inox 02	Polished	×	0.10	0.17	113	9	✓	7640126717012

N 7

Self-closing tweezers type 7, thin curved tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-N7-PO	Inox 02	Polished	×	0.10	0.17	115	9	✓	7640126714806
0103-N7-PO	Dumoxel®	Polished	×	0.10	0.17	115	11	✓	7640126714141
0302-N7-PO	Inox 02	Polished	×	0.10	0.17	115	14	✓	7640126717029
0304-N7-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	115	12	✓	7640126716060

NAA

Self-closing tweezers type AA, strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-NAA-PO	Inox 02	Polished	×	0.20	0.40	123	11	✓	7640126711584
0103-NAA-PO	Dumoxel®	Polished	×	0.20	0.40	123	12	✓	7640126711959
0302-NAA-PO	Inox 02	Polished	×	0.20	0.40	123	12	✓	7640126717036

NGG

Self-closing tweezers type GG, strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0103-NGG-PO	Dumoxel®	Polished	×	0.12	0.20	128	14	✓	7640241750239
0304-NGG-PO	Antimagnetic	Polished	×	0.12	0.20	128	12	✓	7640241750734

NPP

Self-closing tweezers type PP, strong tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-NPP-PO	Inox 02	Polished	×	0.14	0.24	133	12	✓	7640126711607
0103-NPP-PO	Dumoxel®	Polished	×	0.14	0.24	13	13	✓	7640126711966
0302-NPP-PO	Inox 02	Polished	×	0.14	0.24	133	12	✓	7640126717081
0304-NPP-CO	Antimagnetic	Epoxy Coated	×	0.14	0.24	133	15	✓	7640126716121
0304-NPP-PO	Antimagnetic	Polished	×	0.14	0.24	133	14	✓	7640126716138

M3

Type 3 mini, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0304-M3SA-PS	Antimagnetic	Matt	×	0.10	0.17	70	4	✓	7640126717920

M4

Type 4 mini, thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0302-M4AS-PS	Inox 02	Matt	×	0.16	0.24	70	4	✓	7640126719849
0302-M4S-PS	Inox 02	Matt	×	0.16	0.24	70	4	✓	7640126716350

M5

Type 5 mini, very thin tips



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0103-M5SA-PO	Dumoxel®	Polished	×	0.06	0.10	85	5	✓	7640126711881
0302-M5S-PS	Inox 02	Matt	×	0.06	0.10	83	6	✓	7640126719856

16

Pliers with straight edges and handles, for hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-16-PO	Carbon	Polished	×	10.50	18.50	108	31	✓	7640241750109

17

Pliers type 17, slant edges, straight handles, for hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-17-PO	Carbon	Polished	×	10.50	19.30	110	32	✓	7640126716664

17 C

Pliers type 17 small, slant edges, straight handles, for hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-17C-PO	Carbon	Polished	×	9.50	15.00	100	18	✓	7640126715803

20

Pliers with straight edges and handles, for hairsprings



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-20-PO	Carbon	Polished	×	10.50	20.00	108	33	✓	7640126715827



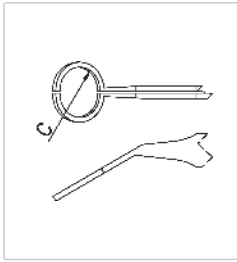
Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-24-P0	Carbon	Polished	×	1.00	1.50	120	60	✓	7640126715858



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
0101-25-P0	Carbon	Polished	×	2.50	3.00	123	56	✓	7640126715865

2 E1/2

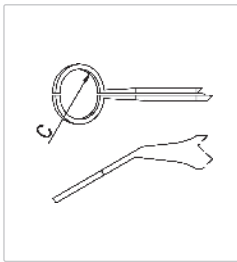
For components, tips \varnothing 12.7 mm



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-2E1/2-PO	Inox 02	Polished	×	-	-	\varnothing 12.70	118	13	✓	7640126711270
0103-2E1/2-PO	Dumoxel®	Polished	×	-	-	\varnothing 12.70	118	14	✓	7640126711744
0304-2E1/2-PO	Antimagnetic	Polished	×	-	-	\varnothing 12.70	118	14	✓	7640126717579

2 E1/4

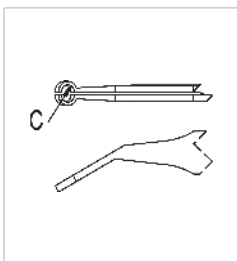
For components, tips \varnothing 6.4 mm



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-2E1/4-PO	Inox 02	Polished	×	-	-	\varnothing 6.40	118	13	✓	7640241750147
0103-2E1/4-PO	Dumoxel®	Polished	×	-	-	\varnothing 6.40	118	13	✓	7640126711751
0304-2E1/4-PO	Antimagnetic	Polished	×	-	-	\varnothing 6.40	118	13	✓	7640241750628

2 E1/8

For components, tips \varnothing 3.2 mm



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
0102-2E1/8-PO	Inox 02	Polished	×	-	-	\varnothing 3.20	118	13	✓	7640126711287
0103-2E1/8-PO	Dumoxel®	Polished	×	-	-	\varnothing 3.20	118	12	✓	7640126711768
0302-2E1/8-PO	Inox 02	Polished	×	-	-	\varnothing 3.20	118	13	✓	7640241750390
0304-2E1/8-PO	Antimagnetic	Polished	×	-	-	\varnothing 3.20	118	12	✓	7640126717586

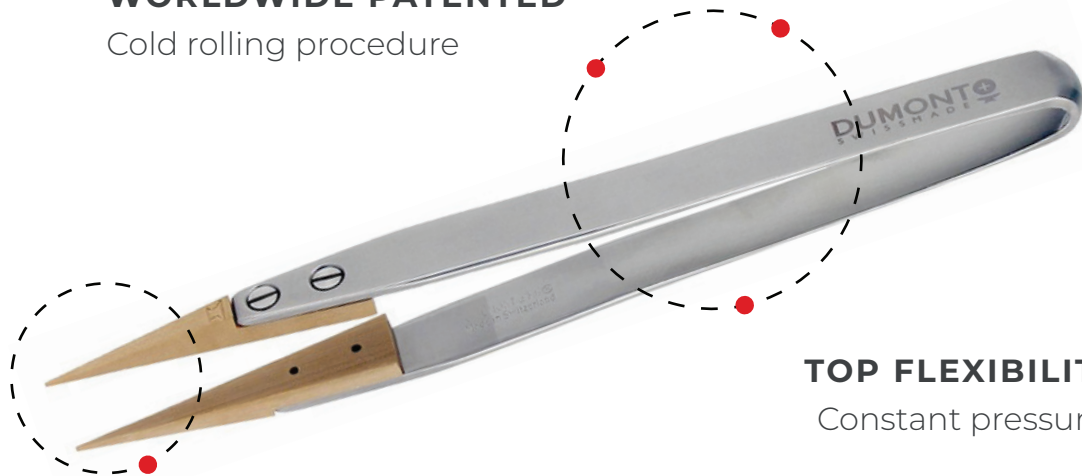
REPLACEABLE TIPS TWEEZERS: ALL THE ADVANTAGES OF OUR NEW TECHNOLOGY

WORLDWIDE PATENTED

Cold rolling procedure

NEW DESIGN

Made in Switzerland

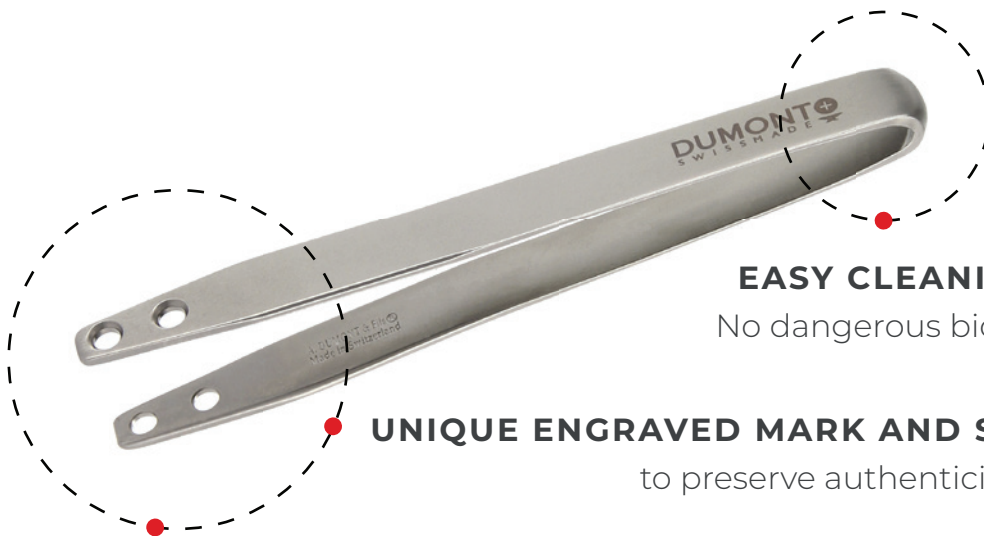


TOP FLEXIBILITY

Constant pressure

TOP PRECISION THROUGH DRAW-ROLLED SPRINGS

and highly improved stability



EASY CLEANING

No dangerous biofilm

UNIQUE ENGRAVED MARK AND SERIAL NUMBER

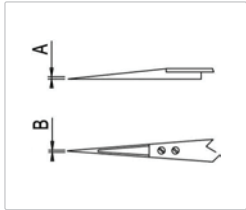
to preserve authenticity

2 OR 4-SCREW SYSTEM AVAILABLE ON REQUEST

Compatible with the majority of interchangeable tips

B159

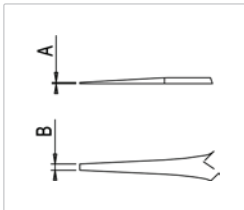
WA1 handle with 159-BUIS tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-B159-SM	Antimagnetic	Handle & Tips	0.50	0.50	130	20	✓	7640126712468
TIP-159-BUI	Boxwood (Buxus)	Tips	0.50	0.50	41	1	✓	7640126713984

BF

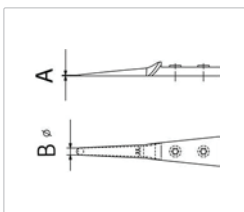
WA1 handle with F-BUIS tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-BF-SM	Antimagnetic	Handle & Tips	0.20	2.00	130	19	✓	7640126712512
TIP-F-BUI	Boxwood (Buxus)	Tips	0.20	2.00	40	1	✓	7640126714134

BFSP

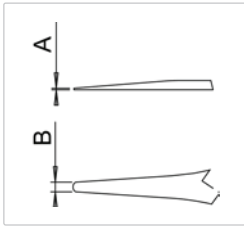
WA1 handle with FSP-BUIS tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-BFSP-SM	Antimagnetic	Handle & Tips	0.20	2.00	130	19	✓	7640126712529
TIP-FSP-BUI	Boxwood (Buxus)	Tips	0.20	2.00	40	1	✓	7640126714394

B 2 A

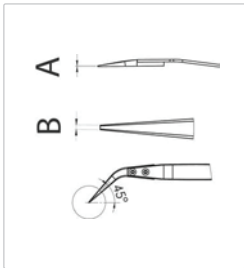
WA1 handle with 2A-BUIS tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-B2A-SM	Antimagnetic	Handle & Tips	0.20	1.50	130	19	✓	7640126712499
TIP-2A-BUI	Boxwood (Buxus)	Tips	0.20	1.50	41	1	✓	7640126713816

B 4 5

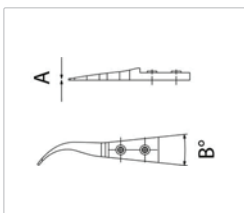
WA1 handle with 45-BUIS tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-B45-SM	Antimagnetic	Handle & Tips	0.50	0.50	130	19	✓	7640126712475
TIP-159/45-BUI	Boxwood (Buxus)	Tips	0.50	0.50	41	1	✓	7640126713991

B 7

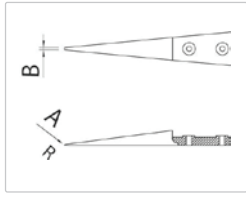
WA1 handle with 7-BUIS tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-B7-SM	Antimagnetic	Handle & Tips	0.50	12.00	130	19	✓	7640126712505
TIP-7-BUI	Boxwood (Buxus)	Tips	0.50	12.00	40	1	✓	-

E 4

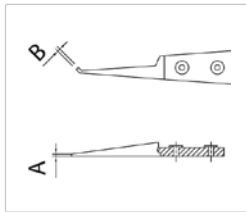
WAI handle with 4-ESD tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E4-SM	Antimagnetic	Handle & Tips	0.30	0.60	130	19	✓	✓	7640126712727
TIP-4-ESD	Black ESD	Tips	0.30	0.60	40	1	✓	✓	7640126713847

E10A

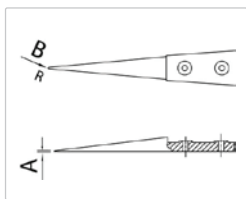
WAI handle with 10A-ESD tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E10A-SM	Antimagnetic	Handle & Tips	0.50	0.60	125	19	✓	✓	7640126712611
TIP-10A-ESD	Black ESD	Tips	0.50	0.60	35	1	✓	✓	7640126713571

E15

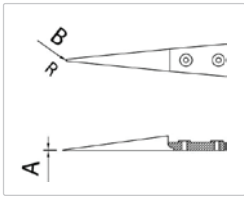
WAI handle with 15-ESD thin tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E15-SM	Antimagnetic	Handle & Tips	0.30	0.30	130	19	✓	✓	7640126712628
TIP-15-ESD	Black ESD	Tips	0.30	0.30	40	1	✓	✓	7640126713625

E16

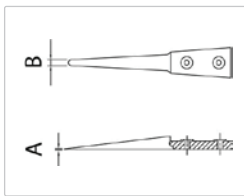
WAI handle with 16-ESD thin tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E16-SM	Antimagnetic	Handle & Tips	0.15	0.25	130	19	✓	✓	7640126712635
TIP-16-ESD	Black ESD	Tips	0.15	0.25	40	1	✓	✓	7640126713649

E17

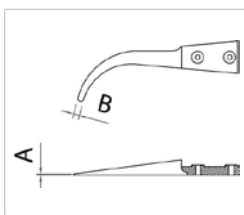
WAI handle with 17-ESD tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E17-SM	Antimagnetic	Handle & Tips	0.35	1.50	130	19	✓	✓	7640126712642
TIP-17-ESD	Black ESD	Tips	0.35	1.50	40	1	✓	✓	7640126713663

E17B

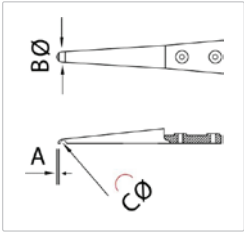
WAI handle with 17B-ESD tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E17B-SM	Antimagnetic	Handle & Tips	0.25	1.50	130	19	✓	✓	7640126712659
TIP-17B-ESD	Black ESD	Tips	0.25	1.50	40	1	✓	✓	7640126713694

E 20

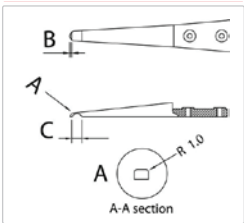
WAI handle with 20-ESD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E20-SM	Antimagnetic	Handle & Tips	0.50	2.50	Ø 1.50	125	20	✓	✓	7640126712697
TIP-20-ESD	Black ESD	Tips	0.50	2.50	Ø 1.50	37	1	✓	✓	7640126713755

E 22

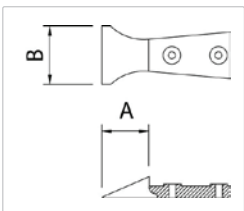
WAI handle with 22-ESD tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E22-SM	Antimagnetic	Handle & Tips	1.00	0.50	Ø 2.50	125	20	✓	✓	7640126712703
TIP-22-ESD	Black ESD	Tips	1.00	0.50	Ø 2.50	36	1	✓	✓	7640126713779

E 50

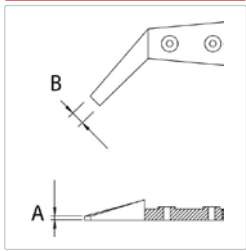
WAI handle with 50-ESD tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E50-SM	Antimagnetic	Handle & Tips	8.00	10.00	115	19	✓	✓	7640126712734
TIP-50-ESD	Black ESD	Tips	8.00	10.00	22	1	✓	✓	7640126713861

E 52

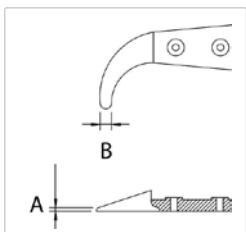
WAI handle with 52-ESD tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E52-SM	Antimagnetic	Handle & Tips	0.70	2.50	115	19	✓	✓	7640126712741
TIP-52-ESD	Black ESD	Tips	0.70	2.50	25	1	✓	✓	7640126713885

E 55

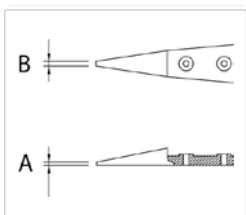
WAI handle with 55-ESD tips




Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E55-SM	Antimagnetic	Handle & Tips	0.70	2.00	115	19	✓	✓	7640126712758
TIP-55-ESD	Black ESD	Tips	0.70	2.00	24	1	✓	✓	7640126713908

E 57

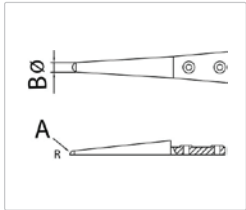
WAI handle with 57-ESD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
10004-E57-SM	Antimagnetic	Handle & Tips	0.70	1.00	120	19	✓	✓	7640126712765
TIP-57-ESD	Black ESD	Tips	0.70	1.00	29	1	✓	✓	7640126713922

S2

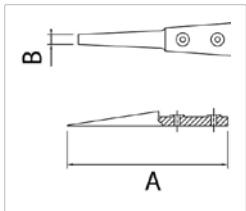
WA1 handle with 2-STD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-S2-SM	Antimagnetic	Handle & Tips	1.00	2.50	130	19	✓	7640126712949
TIP-2-STD	Grey STD	Tips	1.00	2.50	40	1	✓	7640126713731

S3

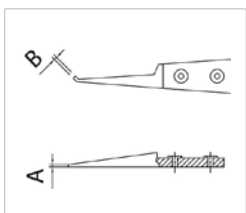
WA1 handle with 3-STD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-S3-SM	Antimagnetic	Handle & Tips	35.00	2.30	125	19	✓	7640126712970
TIP-3-STD	Grey STD	Tips	35.00	2.30	35	1	✓	7640126713823

S10A

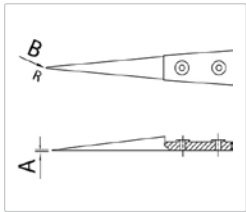
WA1 handle with 10A-STD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-S10A-SM	Antimagnetic	Handle & Tips	0.50	0.60	125	19	✓	7640126712901
TIP-10A-STD	Grey STD	Tips	0.50	0.60	34	1	✓	7640126713601

S15

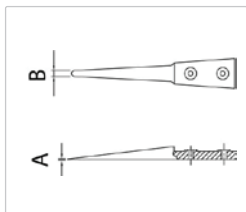
WA1 handle with 15-STD fine tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-S15-SM	Antimagnetic	Handle & Tips	0.30	0.30	130	19	✓	7640126712918
TIP-15-STD	Grey STD	Tips	0.30	0.30	40	1	✓	7640126713632

S17

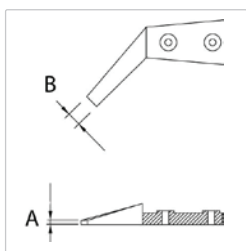
WA1 handle with 17-STD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-S17-SM	Antimagnetic	Handle & Tips	0.35	1.50	130	19	✓	7640126712925
TIP-17-STD	Grey STD	Tips	0.35	1.50	40	1	✓	7640126713670

S52

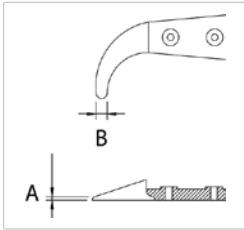
WA1 handle with 52-STD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-S52-SM	Antimagnetic	Handle & Tips	0.70	2.50	115	19	✓	7640126712994
TIP-52-STD	Grey STD	Tips	0.70	2.50	25	1	✓	7640126713892

S 55

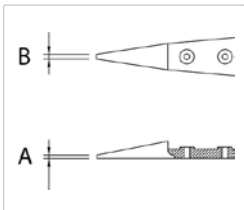
WAI handle with 55-STD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-S55-SM	Antimagnetic	Handle & Tips	0.70	2.00	115	19	✓	7640126713366
TIP-55-STD	Grey STD	Tips	0.70	2.00	24	1	✓	7640126713915

S 57

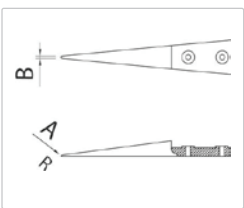
WAI handle with 57-STD tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-S57-SM	Antimagnetic	Handle & Tips	0.70	1.00	120	19	✓	7640126713373
TIP-57-STD	Grey STD	Tips	0.70	1.00	29	1	✓	7640126713939

D 4

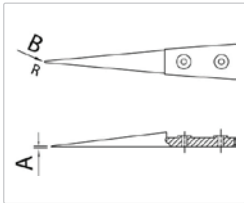
WAI handle with 4-DEL tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-D4-SM	Antimagnetic	Handle & Tips	0.30	0.60	130	19	✓	7640126712598
TIP-4-DEL	White Delrin	Tips	0.30	0.60	40	1	✓	7640126713830

D15

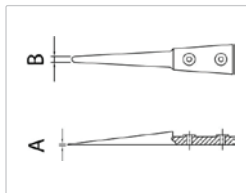
WA1 handle with 15-DEL thin tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-D15-SM	Antimagnetic	Handle & Tips	0.30	0.30	130	19	✓	7640126712543
TIP-15-DEL	White Delrin	Tips	0.30	0.30	40	1	✓	7640126713618

D17

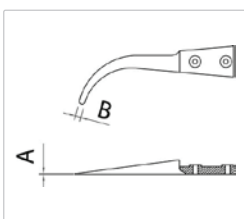
WA1 handle with 17-DEL thin tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-D17-SM	Antimagnetic	Handle & Tips	0.35	1.50	130	19	✓	7640126712550
TIP-17-DEL	White Delrin	Tips	0.35	1.50	40	1	✓	7640126713656

D17B

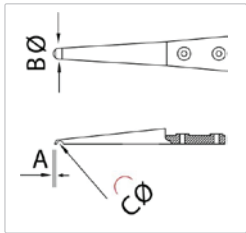
WA1 handle with 17B-DEL thin tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-D17B-SM	Antimagnetic	Handle & Tips	0.25	1.50	130	19	✓	7640126712567
TIP-17B-DEL	White Delrin	Tips	0.25	1.50	40	1	✓	7640126713687

D20

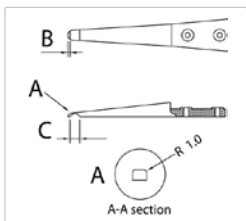
WA1 handle with 20-DEL tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-D20-SM	Antimagnetic	Handle & Tips	0.50	2.50	Ø 1.50	130	20	✓	7640126712574
TIP-20-DEL	White Delrin	Tips	0.50	2.50	Ø 1.50	37	1	✓	7640126713748

D22

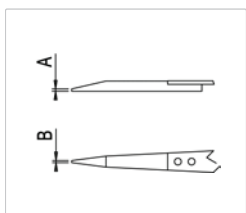
WA1 handle with 22-DEL tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-D22-SM	Antimagnetic	Handle & Tips	1.00	0.50	Ø 2.50	125	20	✓	7640126712581
TIP-22-DEL	White Delrin	Tips	1.00	0.50	Ø 2.50	36	1	✓	7640126713762

CA275

WA2 handle with CA275-CW tips



Reference	Steel / alloy	Description	A (mm)	B (mm)	L (mm)	Weight (g)	Compliance *	EAN
10004-CA275-SM	Antimagnetic	Handle & Tips	0.30	0.40	125	21	✓	7640126712536
TIP-CA275-CW	Black Ceramic	Tips	0.30	0.40	36	3	✓	7640126713977

ANTIMAGNETIC TWEEZERS with ESD SOFT CUSHIONED

Our antimagnetic tweezers with **ESD STATIC DISSIPATIVE** cushion grips reduce finger stress and offer extreme comfort for safe handling of ESD sensitive components. These tweezers are engineered to meet the requirements for electronics assembly and watch laboratories.

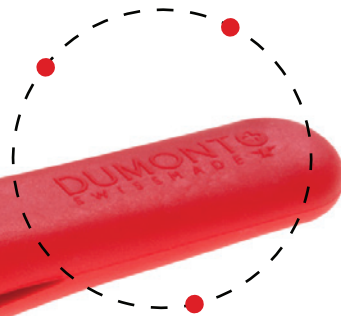
WEAR RESISTANCE

improved life-time



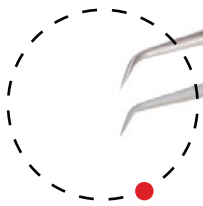
ESD STATIC DISSIPATIVE CUSHION GRIP

for ergonomic handling



EXTREME COMFORT

for safe handling



THIN TIPS

for handling ESD sensitive components or small static items


AVAILABLE in **RED** and **BLACK**



00 SA ESD

Ergonomic ESD tweezers type 00




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-00SAESD-ET1	Antimagnetic	Polished	RED	0.25	0.45	115	28	✓	✓	7640126715049
0304-00SAESD-ET2	Antimagnetic	Polished	BLACK	0.25	0.45	115	28	✓	✓	7640126715056

2 SA ESD

Ergonomic ESD tweezers type 2




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-2SAESD-ET1	Antimagnetic	Polished	RED	0.14	0.34	120	22	✓	✓	7640126715070
0304-2SAESD-ET2	Antimagnetic	Polished	BLACK	0.14	0.34	120	22	✓	✓	7640126715087

2A SA ESD

Ergonomic ESD tweezers type 2A



Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-2ASAESD-ET1	Antimagnetic	Polished	RED	0.20	1.50	120	22	✓	✓	7640126715100
0304-2ASAESD-ET2	Antimagnetic	Polished	BLACK	0.20	1.50	120	22	✓	✓	7640126715117


* Compliant to **RoHS/REACH**

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3 SA ESD

Ergonomic ESD tweezers type 3




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-3SAESD-ET1	Antimagnetic	Polished	RED	0.10	0.17	120	22	✓	✓	7640126715131
0304-3SAESD-ET2	Antimagnetic	Polished	BLACK	0.10	0.17	120	22	✓	✓	7640126715148

3C SA ESD

Ergonomic ESD tweezers type 3C




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-3CSAESD-ET1	Antimagnetic	Polished	RED	0.10	0.17	110	20	✓	✓	7640126715155
0304-3CSAESD-ET2	Antimagnetic	Polished	BLACK	0.10	0.17	110	20	✓	✓	7640126715162

5 SA ESD

Ergonomic ESD tweezers type 5




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-5SAESD-ET1	Antimagnetic	Polished	RED	0.06	0.10	110	21	✓	✓	7640126715193
0304-5SAESD-ET2	Antimagnetic	Polished	BLACK	0.06	0.10	110	21	✓	✓	7640126715209

5/45 SA ESD

Ergonomic ESD tweezers type 5/45




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-5/45SAESD-ET1	Antimagnetic	Polished	RED	0.06	0.10	109	21	✓	✓	7640126715223
0304-5/45SAESD-ET2	Antimagnetic	Polished	BLACK	0.06	0.10	109	21	✓	✓	7640126715230

5A SA ESD

Ergonomic ESD tweezers type 5A



Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-5ASAESD-ET1	Antimagnetic	Polished	RED	0.08	0.13	115	22	✓	✓	7640126715247
0304-5ASAESD-ET2	Antimagnetic	Polished	BLACK	0.08	0.13	115	22	✓	✓	7640126715254

6 SA ESD

Ergonomic ESD tweezers type 6




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-6SAESD-ET1	Antimagnetic	Polished	RED	0.10	0.17	115	22	✓	✓	-
0304-6SAESD-ET2	Antimagnetic	Polished	BLACK	0.10	0.17	115	22	✓	✓	-

7 SA ESD

Ergonomic ESD tweezers type 7




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-7SAESD-ET1	Antimagnetic	Polished	RED	0.10	0.17	115	24	✓	✓	7640126715278
0304-7SAESD-ET2	Antimagnetic	Polished	BLACK	0.10	0.17	115	24	✓	✓	7640126715285

F SA ESD

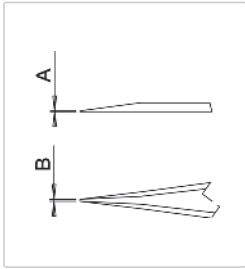
Ergonomic ESD tweezers type F




Reference	Steel / alloy	Finish	Colour	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-FSAESD-ET1	Antimagnetic	Polished	RED	0.20	2.00	120	22	✓	✓	7640126715308
0304-FSAESD-ET2	Antimagnetic	Polished	BLACK	0.20	2.00	120	22	✓	✓	7640126715315

0 DC ESD

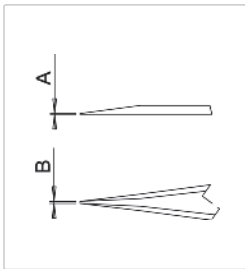
ESD Tweezers with diamond coated tips, type 0




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-0DCESD-SM	Antimagnetic	Matt SM	×	0.25	0.45	115	15	✓	✓	7640241750550

00 DC ESD

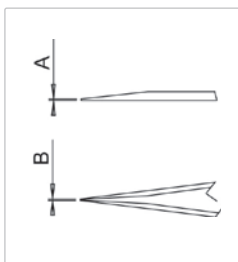
ESD Tweezers with diamond coated tips, type 00




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-00DCESD-SM	Antimagnetic	Matt SM	×	0.25	0.45	115	20	✓	✓	7640241750567

1 DC ESD

ESD Tweezers with diamond coated tips, type 1




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-1DCESD-SM	Antimagnetic	Matt SM	×	0.12	0.20	120	13	✓	✓	7640241750581

2 DC ESD

ESD Tweezers with diamond coated tips, type 2




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-2DCESD-SM	Antimagnetic	Matt SM	×	0.14	0.34	120	14	✓	✓	7640241750604

2A DC ESD

ESD Tweezers with diamond coated tips, type 2A



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-2ADCESD-SM	Antimagnetic	Matt SM	×	0.20	1.50	120	14	✓	✓	7640241750611

5 DC ESD

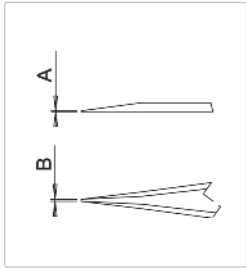
ESD Tweezers with diamond coated tips, type 5



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-5DCESD-SM	Antimagnetic	Matt SM	×	0.06	0.10	110	14	✓	✓	7640241750673

7 DC ESD

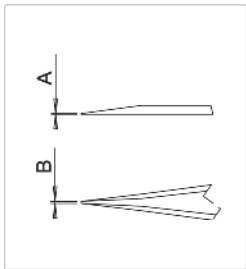
ESD Tweezers with diamond coated tips, type 7



Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-7DCESD-SM	Antimagnetic	Matt SM	×	0.10	0.17	115	15	✓	✓	7640241750680

SS DC ESD

ESD Tweezers with diamond coated tips, type SS




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-SSDCESD-SM	Antimagnetic	Matt SM	×	0.12	0.20	135	13	✓	✓	7640241750758

00 SA ESD

ESD Tweezers epoxy coated, type 00




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-00SAESD-CO	Antimagnetic	Epoxy Coated	x	0.25	0.45	115	21	✓	✓	7640126715032

2 SA ESD

ESD Tweezers epoxy coated, type 2




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-2SAESD-CO	Antimagnetic	Epoxy Coated	x	0.14	0.34	120	15	✓	✓	7640126715063

2A SA ESD

ESD Tweezers epoxy coated, type 2A




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-2ASAESD-CO	Antimagnetic	Epoxy Coated	x	0.20	1.50	120	15	✓	✓	7640126715094

3 SA ESD

ESD Tweezers epoxy coated, type 3




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-3SAESD-CO	Antimagnetic	Epoxy Coated	x	0.10	0.17	120	14	✓	✓	7640126715124

5 SA ESD

ESD Tweezers epoxy coated, type 5




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-5SAESD-CO	Antimagnetic	Epoxy Coated	x	0.06	0.10	110	14	✓	✓	7640126715186

AA SA ESD

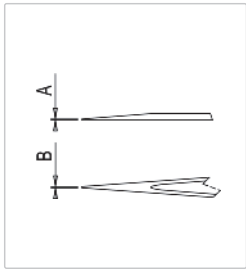
ESD Tweezers epoxy coated, type AA




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-AASAESD-CO	Antimagnetic	Epoxy Coated	x	0.20	0.40	125	16	✓	✓	7640126715292

SS SA ESD

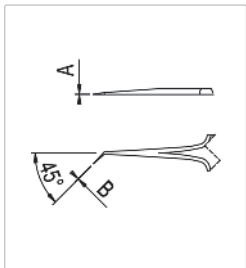
ESD Tweezers epoxy coated, type SS




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-SSSAESD-CO	Antimagnetic	Epoxy Coated	×	0.12	0.20	135	14	✓	✓	7640126715322

5/45 SA ESD

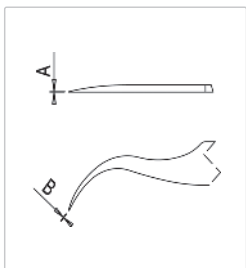
ESD Tweezers epoxy coated, type 5/45




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-5/45SAESD-CO	Antimagnetic	Epoxy Coated	×	0.06	0.10	109	15	✓	✓	7640126715216

7 SA ESD

ESD Tweezers epoxy coated, type 7




Reference	Steel / alloy	Finish	Serration	A (mm)	B (mm)	L (mm)	Weight (g)		Compliance *	EAN
0304-7SAESD-CO	Antimagnetic	Epoxy Coated	×	0.10	0.17	115	16	✓	✓	7640126715261

15A ESD

ESD Cutting tweezers epoxy coated, type 15A




Reference	Steel / alloy	Finish	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)		Compliance *	EAN
0301-15AESD-CO	Carbon	Epoxy Coated	8.50	10.50	0.20	115	33	✓	✓	7640126716015

15AC ESD

ESD Cutting tweezers epoxy coated, type 15AC



Reference	Steel / alloy	Finish	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)		Compliance *	EAN
0301-15ACESD-CO	Carbon	Epoxy Coated	5.50	7.00	0.20	115	26	✓	✓	7640126715001

15AGW ESD

ESD Cutting tweezers epoxy coated, type 15AGW




Reference	Steel / alloy	Finish	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)		Compliance *	EAN
0301-15AGWESD-CO	Carbon	Epoxy Coated	5.50	9.50	0.20	115	27	✓	✓	7640126715018

15ARW ESD

ESD Cutting tweezers epoxy coated, type 15ARW



Reference	Steel / alloy	Finish	A (mm)	B (mm)	C (mm)	L (mm)	Weight (g)		Compliance *	EAN
0301-15ARWESD-CO	Carbon	Epoxy Coated	5.50	9.50	0.20	115	26	✓	✓	7640126715025

BOX.W-003

Wooden box for 3 tweezers



Reference	Material	Finish	Weight (g)		EAN
BOX.W-003	Wood	White varnish with logo	114	✓	-

BOX.W-005

Wooden box for 5 tweezers



Reference	Material	Finish	Weight (g)		EAN
BOX.W-005	Wood	White varnish with logo	160	✓	-

BOX.W-007

Wooden box for 7 tweezers



Reference	Material	Finish	Weight (g)		EAN
BOX.W-007	Wood	White varnish with logo	210	✓	-

HARDNESS OF ALLOYS

Below Dumont's alloys in order of hardness, useful for determining which alloy will resist scratching and dinging, as it relates to the Rockwell C scale and ductility.

Alloy Name	Properties	Hardness (HRC)	Description
CARBON [01]	NON-AUTOCLAVABLE POOR TEMPERATURE RESISTANCE MAGNETIC RUST	> 59 HRC	Carbon Steel is an extremely hard alloy with carbon content up to 2.1% by weight, Mn, and Si. This alloy is magnetic and cannot be sterilized. hardest +
DUMOSTAR® [09]	AUTOCLAVABLE 180°C TEMPERATURE RESISTANCE 400°C ANTIMAGNETIC 100% NEVER RUST	> 58 HRC	Dumostar® is a patented alloy more elastic and resistant to corrosion than the best stainless steels. It is also perfectly compatible with human tissues and is resistant to mineral and organic acids as well to salt. Is 100% antimagnetic and resistant to temperatures of up to 400°C. It's sterilizable and autoclavable. Dumostar® is the most cost effective and appropriate alloy for laboratory use.
INOX 08 [08]	AUTOCLAVABLE 180°C TEMPERATURE RESISTANCE 400°C MAGNETIC NEVER RUST	58 HRC	Inox 08 is a medical stainless steel that provides an excellent resistance to corrosion and a good resistance to salt. This magnetic alloy supports temperatures of around 400°C (DIN 50914*) and is suitable for autoclave sterilization at 180°C.
INOX 02 [02]	NON-AUTOCLAVABLE TEMPERATURE RESISTANCE 400°C MAGNETIC NEVER RUST	55 - 58 HRC	Inox 02 is a magnetic stainless steel high in chromium content that forms an invisible layer on the steel to prevent corrosion and staining. Inox 02 resists temperatures of around 400°C (DIN 50914*), but to preserve the tools we suggest not to sterilize in autoclave.
ANTIMAGNETIC [04]	AUTOCLAVABLE 132°C TEMPERATURE RESISTANCE 400°C ANTIMAGNETIC 100% NEVER RUST	37 HRC	Antimagnetic offers a good resistance to corrosion thanks to its high concentration of molybdenum. Is resistant up to temperatures of around 400°C (DIN 50914*) and is suitable for autoclave sterilization at 132°C.
DUMOXEL® [03]	AUTOCLAVABLE 132°C TEMPERATURE RESISTANCE 400°C ANTIMAGNETIC 95% NEVER RUST	~ 37 HRC	Dumoxel® was developed and patented to offer the best in resistance to corrosion thanks to its high concentration of molybdenum and chromium. It also guarantees an excellent resistance to sulphuric environments, hydrochloric acid, as well as to all other mineral and organic acids. Is 95% antimagnetic, resistant up to temperatures of around 400°C (DIN 50914*) and is suitable for autoclave sterilization at 132°C.
NICKEL [05]	NON-AUTOCLAVABLE POOR TEMPERATURE RESISTANCE ANTIMAGNETIC 100% NEVER RUST	~ 15 HRC	Nickel is a 100% antimagnetic alloy composed of Cu, Ni, Mn and Zn. It is widely appreciated as it does not damage the components handled by it.
BRASS [06]	NON-AUTOCLAVABLE POOR TEMPERATURE RESISTANCE ANTIMAGNETIC 100% RUST	5 - 10 HRC	Brass is composed of Cu, Pb, Sn, Ni and Zn. This alloy is 100% antimagnetic and is widely used for handling delicate components, especially in watch-making.
BRONZE [010]	NON-AUTOCLAVABLE POOR TEMPERATURE RESISTANCE ANTIMAGNETIC 100% RUST	~ 5 HRC	Bronze is a nonferrous alloy widely popular in watchmaking for handling scratch-sensitive parts against damage. Is completely anti-magnetic and resistant to corrosion.
TITANIUM [07]	AUTOCLAVABLE 132°C TEMPERATURE RESISTANCE 430°C MAGNETIC NEVER RUST	< 1 HRC	Titanium is totally resistant to corrosion from nitric acid, chloride, salt water, and the like. This alloy is not as hard as Inox 08 but is 40% lighter and more flexible. Titanium is 100% antimagnetic and resistant up to temperatures of around 430°C and is suitable for autoclave sterilization at 132°C. least hard -

* DIN 50914: Determination of the resistance of stainless steel to intergranular corrosion using the copper sulfate sulfuric acid method (Moneyppy-Strauss Test)

DATA SHEET

USED FOR:

- **WATCHMAKING AND ELECTRONICS** because of the exceptional performance of carbon alloys that give the tweezers an unparalleled strength together with a very light weight.

CARBON

DESCRIPTION

Carbon steel is an alloy of C, Mn and Si. It is a very hard material (>59 HRC) that is used to make very hard tips. Carbon steel is magnetic and susceptible to rust and as such cannot be sterilised.

CLEANING REMINDER



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



ALWAYS DRY CAREFULLY TO PREVENT RUST



NON STERILIZABLE OR AUTOCLAVABLE



CHEMICALS AND BLEACH*



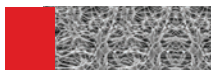
*Bleach, bleach-based products, anti-bac cleaners and sanitizer sprays may all contain chemicals which are harmful to carbon steel and may cause irreparable damage.

POLISHED FINISH



Polished is our standard finish which gives a pleasant smooth and silky sensation while handling.

EPOXY COATING



Epoxy coating uses polymers in the coating application to enhance corrosion resistance, and it's available in several colors.

DATA SHEET

INOX 02

USED FOR:

Almost as strong as carbon steel, Inox is an excellent general-purpose alloy frequently used for:

- **WATCHMAKING AND JEWELLERY** for the various features that this alloy gives to precision instruments, such as high resistance combined with extraordinary lightness, essential for tools held for a long time.

DESCRIPTION

Inox 02 is standard stainless steel made up of C, Mn, Cr and Si. The presence of chromium in Inox 02 makes it softer than carbon steel. Inox 02 is a magnetic alloy and can withstand temperatures of up to approximately 400°C (DIN 50914*), but cannot be sterilised.

CLEANING REMINDER



CHLORINATED OR NON CHLORINATED SOLVENTS



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



NON STERILIZABLE OR AUTOCLAVABLE



CHEMICALS AND BLEACH*



*Bleach, bleach-based products, anti-bac cleaners and sanitizer sprays may all contain chemicals which are harmful to stainless steel and may cause irreparable damage.

*DIN 50914: Determination of the resistance of stainless steel to intergranular corrosion using the copper sulfate sulfuric acid method (Money penny-Strauss Test)

MATT FINISH



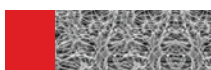
Matt finish combines at the same time a **non reflecting surface**, perfect to work under magnifier working lights, and the **perfect grip** to ensure better handling.

POLISHED FINISH



Polished is our standard finish which gives a pleasant smooth and silky sensation while handling.

EPOXY OR TEFLON COATINGS



Teflon coating is a type of polymer coating that uses the synthetic fluoropolymer known as Polytetrafluoroethylene (PTFE) to reduce friction and increase heat resistance. Epoxy coating uses polymers in the coating application to enhance corrosion resistance, and it's available in several colors.

DATA SHEET

USED FOR:

- **WATCHMAKING AND ELECTRONICS** for the various features that this alloy gives to precision instruments, such as high resistance combined with extraordinary lightness, essential for tools held for a long time.

DUMOXEL®

DESCRIPTION

Dumoxel® is composed of C, Cr, Ni, Mo and Cu and is the most popular alloy among our customers. This alloy has been developed and patented to offer the best in resistance to corrosion thanks to its high concentration of molybdenum and chromium. Dumoxel also guarantees an excellent resistance to sulphuric environments, hydrochloric acid, as well as to all other mineral and organic acids. Dumoxel is 95% antimagnetic, resistant up to temperatures of around 400° C (DIN 50914*) and is suitable for autoclave sterilization at 132°C.

CLEANING REMINDER



✓ **CHLORINATED OR NON CHLORINATED SOLVENTS**



✓ **NEUTRAL CLEANERS (pH 7 TO 8)**



✓ **ALCOHOLS**



✓ **STERILIZABLE AND AUTOCLAVABLE AT 132°C**

* DIN 50914 : Determination of the resistance of stainless steel to intergranular corrosion using the copper sulfate sulfuric acid method (Money penny-Strauss Test)

MATT FINISH



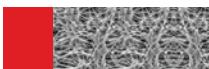
Matt finish combines at the same time a **non reflecting surface**, perfect to work under magnifier working lights, and the **perfect grip** to ensure better handling.

POLISHED FINISH



Polished is our standard finish which gives a pleasant smooth and silky sensation while handling.

TEFLON COATING



Teflon coating is a type of polymer coating that uses the synthetic fluoropolymer known as Polytetrafluoroethylene (PTFE) to reduce friction and increase heat resistance.

DATA SHEET

USED FOR:

- **WATCHMAKING AND ELECTRONICS** for the various features that this alloy gives to instruments, such as great corrosion resistance provided by the addition of molybdenum, essential for tools held for a long time.

ANTIMAGNETIC

DESCRIPTION

Antimagnetic is a non-magnetic (austenitic) stainless steel made up of C, Cr, Ni and Mo. It is a standard steel that offers good corrosion resistance thanks to its high Molybdenum content. This steel is 80% antimagnetic (if you need a 100% antimagnetic alloy we recommend Dumoxel®) and is more ductile than Inox. It can withstand temperatures of up to approximately 400°C (DIN 50914*) and is suitable for autoclave sterilization at 132°C.

CLEANING REMINDER



CHLORINATED OR NON CHLORINATED SOLVENTS



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



STERILIZABLE AND AUTOCLAVABLE AT 132°C



CHEMICALS AND BLEACH*



*Bleach, bleach-based products, anti-bac cleaners and sanitizer sprays may all contain chemicals which are harmful to stainless steel and may cause irreparable damage.

*DIN 50914: Determination of the resistance of stainless steel to intergranular corrosion using the copper sulfate sulfuric acid method (Money penny-Strauss Test)

MATT FINISH



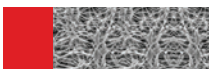
Matt finish combines at the same time a **non reflecting surface**, perfect to work under magnifier working lights, and the **perfect grip** to ensure better handling.

POLISHED FINISH



Polished is our standard finish which gives a pleasant smooth and silky sensation while handling.

EPOXY OR TEFLON COATINGS



Teflon coating is a type of polymer coating that uses the synthetic fluoropolymer known as Polytetrafluoroethylene (PTFE) to reduce friction and increase heat resistance. **Epoxy coating** uses polymers in the coating application to enhance corrosion resistance, and it's available in several colors.

DATA SHEET

USED FOR:

- **WATCHMAKING** because it is 100% antimagnetic and perfect for work which involving delicate parts.

How to clean:

- To retain the finish, regular cleaning with mild soapy water and a non-abrasive cloth is all that is necessary. If you find that this is not enough, a chrome polish can also be used.
- For stubborn stains prepare a paste of baking soda and water. Cover the item with the paste and allow to dry. Run under warm water and buff dry with a soft-lint free cloth.
- Use a commercial silver cleaning polish on silver and nickel if the baking soda paste does not remove the stain or tarnish. Apply and use according to package directions. Dry thoroughly and buff with a soft cloth.
- **NEVER** use abrasive cloths or chemical based cleaning products on nickel.

NICKEL

DESCRIPTION

Nickel is made up of Cu, Ni, Mn and Zn. It is a 100% antimagnetic alloy that is widely appreciated because it doesn't mark or damage components.

CLEANING REMINDER



NATURAL CLEANSER



NEUTRAL CLEANERS (pH 7 TO 8)



SILVER CLEANING POLISH



ALCOHOLS AND AMMONIA



NON STERILIZABLE OR AUTOCLAVABLE



CHEMICALS AND BLEACH*



*Bleach, bleach-based products, anti-bac cleaners and sanitizer sprays may all contain chemicals which are harmful to stainless steel and may cause irreparable damage.

MATT FINISH



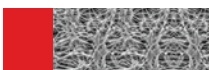
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EPOXY COATING



Epoxy coating uses polymers in the coating application to enhance corrosion resistance, and it's available in several colors.

DATA SHEET

BRASS

USED FOR:

- **WATCHMAKING** because it is 100% antimagnetic and perfect for work involving delicate parts.

When exposed to air and moisture, oxygen combines with the metal to form an oxide on its surface—this results in the greenish color we see on tarnished, dull brass. Cleaning with an acidic homemade solution or a store-bought cleaner can dissolve those oxides and bring back a shiny exterior, but it's important to be gentle with your cleaning.

How to clean:

– Always use a soft cleaning cloth (prefer a knit-cotton material or microfibre), avoid highly abrasive scrubbing cloths, metal-bristled brushes, or steel wool; these will scratch the surface of the brass. Using mild, soapy water and go over all of the surfaces thoroughly with the cleaning cloth, then rinse with warm water and dry thoroughly.

- An alternative natural cleaning combination is cream of tartar and lemon. You can make a paste using two parts cream of tartar powder to one part lemon juice, rub the paste on the brass, let sit for 30 minutes, rinse with mild water and buff. Commercial metal cleaners and polishes can also be effective for cleaning.

- To prevent tarnishing, a thin coating of linseed oil or mineral oil can be applied to clean brass with a soft terry towel.

DESCRIPTION

Brass is made up of Cu, Pb, Sn, Ni and Zn. It is 100% antimagnetic and is often used for work involving delicate products or materials, particularly in watchmaking.

CLEANING REMINDER



NATURAL CLEANSER



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



NON STERILIZABLE OR AUTOCLAVABLE



CHEMICALS AND BLEACH*



*Bleach, bleach-based products, anti-bac cleaners and sanitizer sprays may all contain chemicals which are harmful to brass and may cause irreparable damage.

MATT FINISH



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POLISHED FINISH



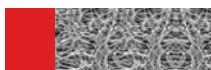
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GOLD FLASH



Gold flash is a gold plating less than 10 microinches thick. The use of a small amount of gold provided substantial improvement in resistance to fretting corrosion.

EPOXY COATING



Epoxy coating uses polymers in the coating application to enhance corrosion resistance, and it's available in several colors.

DATA SHEET

USED FOR:

- Being extremely light and at the same time resistant to a large number of chemicals as well as high temperatures makes titanium an extremely versatile material, suitable for any need.

TITANIUM

DESCRIPTION

Titanium is an alloy composed of C, Fe, O, H, N and Ti. It is totally resistant to corrosion from nitric acid, chloride, salt water, and the like. This alloy is not as hard as Inox 08 but is 40% lighter and more flexible. Titanium 100% antimagnetic and resistant up to temperatures of around 430°C.

CLEANING REMINDER



CHLORINATED OR NON CHLORINATED SOLVENTS



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



STERILIZABLE AND AUTOCLAVABLE AT 132°C



MATT FINISH



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POLISHED FINISH



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DATA SHEET

INOX 08

USED FOR:

- **WATCHMAKING** for the various features that this alloy gives to precision instruments, such as high resistance combined with extraordinary lightness, essential for tools held for a long time.

DESCRIPTION

Inox 08 is a medical-grade alloy made up of C, Mn, Cr, Mo and V that offers excellent resistance to corrosion and salt. It is softer than Carbon steel and offers excellent stainless qualities. Inox is a magnetic alloy that can withstand temperatures of up to approximately 400°C (DIN 50914*) and is suitable for autoclave sterilization at 180°C.

CLEANING REMINDER



CHLORINATED OR NON CHLORINATED SOLVENTS



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



STERILIZABLE AND AUTOCLAVABLE AT 180°C



CHEMICALS AND BLEACH*



*Bleach, bleach-based products, anti-bac cleaners and sanitizer sprays may all contain chemicals which are harmful to stainless steel and may cause irreparable damage.

* DIN 50914 : Determination of the resistance of stainless steel to intergranular corrosion using the copper sulfate sulfuric acid method (Money penny-Strauss Test)

MATT FINISH



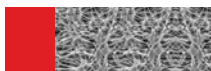
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EPOXY OR TEFLON COATINGS



Teflon coating is a type of polymer coating that uses the synthetic fluoropolymer known as Polytetrafluoroethylene (PTFE) to reduce friction and increase heat resistance. Epoxy coating uses polymers in the coating application to enhance corrosion resistance, and it's available in several colors.

DATA SHEET

USED FOR:

- **WATCHMAKING AND ELECTRONICS** for the various features that this alloy gives to precision instruments, such as high resistance combined with extraordinary lightness, essential for tools held for a long time.

DUMOSTAR®

DESCRIPTION

Dumostar® is composed of C, Cr, Mo, Mn, Co, Ni and Si. Dumostar is more elastic and more resistant to corrosion than the best stainless steels. It is also perfectly compatible with human tissues and is resistant to mineral and organic acids as well to salt. Although slightly more expensive than other alloys, Dumostar is 100% antimagnetic, the temperature resistance range is from cryogenic until maximum 500°C. This is the most cost effective and appropriate alloy for laboratory use.

CLEANING REMINDER



CHLORINATED OR NON CHLORINATED SOLVENTS



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



STERILIZABLE AND AUTOCLAVABLE AT 180°C



MATT FINISH



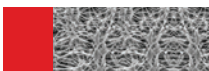
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TEFLON COATING



Teflon coating is a type of polymer coating that uses the synthetic fluoropolymer known as Polytetrafluoroethylene (PTFE) to reduce friction and increase heat resistance.

DATA SHEET

USED FOR:

- **WATCHMAKING** because it is 100% antimagnetic and perfect for work involving delicate parts.

When exposed to air and moisture, oxygen combines with the metal to form an oxide on its surface—this results in the greenish color we see on tarnished, dull bronze. Cleaning with an acidic homemade solution or a store-bought cleaner can dissolve those oxides and bring back a shiny exterior, but it's important to be gentle with your cleaning.

How to clean:

– Always use a soft cleaning cloth (prefer a knit-cotton material or microfibre), avoid highly abrasive scrubbing cloths, metal-bristled brushes, or steel wool; these will scratch the surface of the brass. Using mild, soapy water and go over all of the surfaces thoroughly with the cleaning cloth, then rinse with warm water and dry thoroughly.

- An alternative natural cleaning combination is cream of tartar and lemon. You can make a paste using two parts cream of tartar powder to one part lemon juice, rub the paste on the brass, let sit for 30 minutes, rinse with mild water and buff. Commercial metal cleaners and polishes can also be effective for cleaning.

- To prevent tarnishing, a thin coating of linseed oil can be applied to clean brass with a soft terry towel.

BRONZE

DESCRIPTION

Bronze is among the most resistant of all the copper alloys. It is a nonferrous alloy widely popular in watchmaking for handling scratch-sensitive parts against damage. It's completely anti-magnetic and resistant to corrosion.

CLEANING REMINDER



NATURAL CLEANSER



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



NON STERILIZABLE OR AUTOCLAVABLE



CHEMICALS AND BLEACH*



*Bleach, bleach-based products, anti-bac cleaners and sanitizer sprays may all contain chemicals which are harmful to brass and may cause irreparable damage.

POLISHED FINISH



Polished is our standard finish which gives a pleasant smooth and silky sensation while handling.

DATA SHEET

USED FOR:

- **WATCHMAKING** We use wood for the series of interchangeable tips tweezers with WAI handles. Wood is not as durable as a metal but it's particularly suitable for handling very delicate components. Our patented system with interchangeable tips allows you to have a wide range of tools while actually using a single handle. In fact, for each handle there are several compatible and replaceable tips, this will allow you to have at hand always perfect tools, simply replacing the tips when necessary.

WOOD

DESCRIPTION

Wood as a porous material, is particularly sensitive to moisture and even more to contact with water. To clean wood you should simply use a stiff bristle nylon brush to remove surface residues. Do not wash with water as it will result in the wood warping. If improperly stored in too humid environments, excess of moisture could cause superficial mold. It is important to always store the tools in a cool, clean and dry place.

CLEANING REMINDER



DRY BRUSH FOR DAILY MAINTENANCE



KEEP AWAY FROM WATER AND HUMIDITY



DATA SHEET

USED FOR:

- **WATCHMAKING** We use Delrin for the series of interchangeable tips tweezer with WAI handles. Delrin is as durable as a metal and it's particularly suitable for high precision molding, which enables us to offer a wide range of thin replaceable tips. Our patented system with interchangeable tips allows you to have a wide range of tools while actually using a single handle. In fact, for each handle there are several compatible and replaceable tips, this will allow you to have at hand always perfect tools, simply replacing the tips when necessary.

DELRIN

DESCRIPTION

Delrin acetal homopolymer (Polyoxymethylene POM) contains 30 % glass fibre and is the ideal material in parts designed to replace metal. It combines low-friction and high-wear resistance with high strength and stiffness.

CLEANING REMINDER



KETONES (ACETONE)



NEUTRAL CLEANERS (pH 7 TO 8)



ALCOHOLS



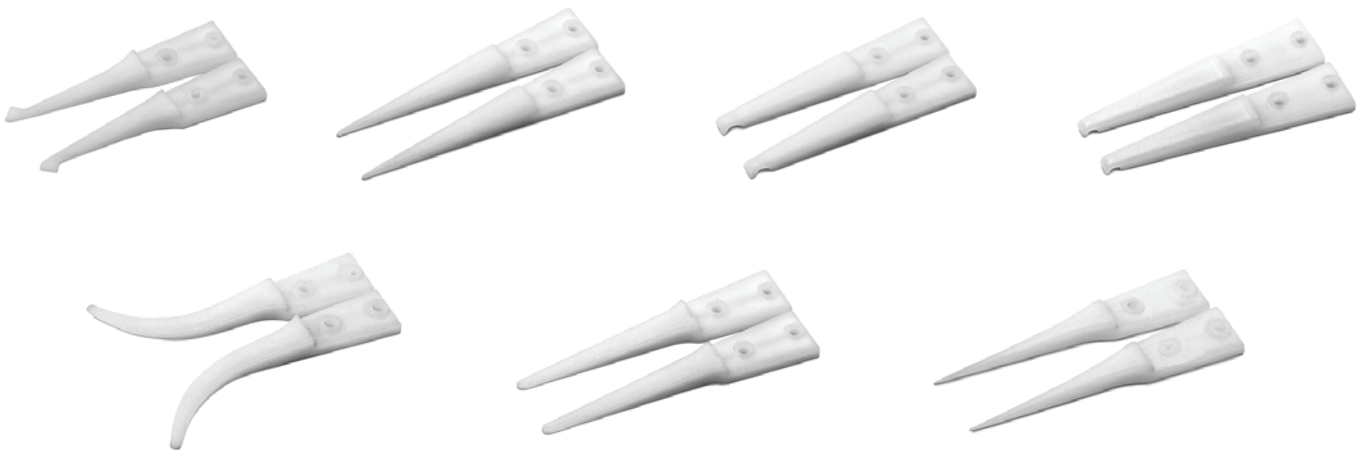
NON STERILIZABLE OR AUTOCLAVABLE



CHEMICALS AND BLEACH*



*Bleach, bleach-based products, anti-bac cleaners and sanitizer sprays may all contain chemicals which are harmful to Delrin and may cause irreparable damage.



DATA SHEET

GREY STD (TIPS)

- Polyamide with carbon fiber reinforced
- Reduced moment of inertia compared with metal parts
- Thermal stability
- Low Warpage

Physical Properties

		Test Method	Specimen	Units	Typical Value
Specific Gravity		ISO 1183	MPTS ISO 3167 A	g/cm ³	1,25
Water Absorption	23 °C / 24 h		MPTS ISO 3167 A	%	<1,0
Melt Flow Rates	MFR	ISO 1133	pellet	g/10 Min	
Melt Volume Rate	MVR	ISO 1133	pellet	cm ³ /10 Min	
Linear Mould Shrinkage	VSR 3mm	DIN 16901	MPTS ISO 3167 A	%	0,2-0,5
Flamability Behaviour		UL 94	1/16"	-	

Mechanical Properties – at 23°C/50% rh

		Test Method	Specimen	Units	Typical Value
Tensile Strength	σ _M	ISO 527	MPTS ISO 3167 A	MPa	200
Elongation	ε _{ZM}	ISO 527	MPTS ISO 3167 A	%	2,5
Modulus of Elasticity	E _t	ISO 527	MPTS ISO 3167 A	GPa	15
Flexural Strength	σ _{bM}	ISO 178	MPTS ISO 3167 A	MPa	260
Flexural Elongation	ε _{bM}	ISO 178	MPTS ISO 3167 A	%	3,5
Flexural Modulus	E _{3B}	ISO 178	MPTS ISO 3167 A	GPa	12
Charpy Impact Strength		ISO 179 1 fu	MPTS ISO 3167 A	KJ/m ²	40
Charpy Impact Strength	-30°C	ISO 179 1 fu	MPTS ISO 3167 A	KJ/m ²	
Charpy Impact Strength notched		ISO 179 eA	MPTS ISO 3167 A	KJ/m ²	
Charpy Impact Strength notched	-30°C	ISO 179 eA	MPTS ISO 3167 A	KJ/m ²	

Thermal Properties

		Test Method	Specimen	Units	Typical Value
Vicat Softening Temp.	VST A	DIN ISO 306	MPTS ISO 3167 A	°C	250
Heat Distortion Temp.	HDT A	ISO 75	MPTS ISO 3167 A	°C	
Continuous Service Temp.		UL 746B	MPTS ISO 3167 A	°C	90
Maximum (short term) Use Temp.				°C	150
Coefficient of Thermal Expansion		DIN 53752		10 ⁻⁵ /K	
Thermal Conductivity		DIN 52612		W/mK	

Electrical Properties

			Test Method	Specimen	Units	Typical Value
Insulation Resistance	Strip electrode	R ₂₅	DIN/IEC 60167	MPTS ISO 3167 A	Ω	∅10 ⁷
Surface Resistance		R _{0B}	DIN/IEC 60093	Ronde 60x4 mm	Ω	<10 ³

Tribological Properties

		Test Method	Specimen	Units	Typical Value
Coeff. of Friction μ	dynamic 15Hz 21N	DIN 51834	MPTS ISO 3167	N/N	
Coeff. of Friction μ	40mm/s 21N	LuV	MPTS ISO 3167	N/N	
					7404 3 02 06

Examples of applications

Automotive industry, textile- and office machinery, apparatus- and precision engineering, ...

DATA SHEET

BLACK STD (TIPS)

- Polyamide (30% carbonfibre)
- Heat-stabilized
- Low electric resistivity
- Self-lubricating properties
- Very high rigidity
- High mechanical properties
- Very low coefficient of linear thermal expansion

Mechanical properties

Flexural modulus +23°C:	17000 MPa	AS TM D 790
Flexural modulus +60°C:	12000 MPa	AS TM D 790
Flexural modulus +90°C:	9800 MPa	AS TM D 790
Flexural modulus +120°C:	8000 MPa	AS TM D 790
Tensile strength +23°C:	210 MPa	ISO 527
Tensile strength +60°C:	159 MPa	ISO 527
Tensile strength +90°C:	134 MPa	ISO 527
Tensile strength +120°C:	117 MPa	ISO 527
Rockwell hardness M:	>100	AS TM D 785
Izod - Impact strength (notched) +23°C:	70 J/m	AS TM D 256
Izod - Impact strength (notched) -20°C:	60 J/m	AS TM D 256
Izod - Impact strength (notched) -40°C:	55 J/m	AS TM D 256
Charpy - Impact strength (unnotched) +23°C:	30 kJ/m ²	DIN 53453
Charpy - Impact strength (unnotched) -20°C:	19 kJ/m ²	DIN 53453
Charpy - Impact strength (unnotched) -40°C:	16 kJ/m ²	DIN 53453

Thermal properties

Temp. of defl. under load (1.80 MPa):	256 °C	AS TM D648
Temp. of defl. under load (0.45 MPa):	260 °C	AS TM D648
Vicat softening temperature (50°C/h 50N):	254 °C	ISO 306
Heat resistance - Ball test (125°C):	Y	IEC 335
Heat resistance - Ball test (165°C):	Y	IEC 335
Coef. of lin. therm expansion, normal:	- E-5/°C	AS TM D 696
Glow wire test - thickn. 2mm:	- °C	IEC 695-2-1
Glow wire test - thickn. 1mm:	- °C	IEC 695-2-1

Flame retardancy

Flammability at 1.6 mm nominal thickness:	HB class	UL94
Flammability (Thickness tested):	1,50 mm	
Flammability by Oxygen index:	28 %	ISO 4589
Needle burner test (1,47 mm):	N	
Needle burner test (3,05 mm):	N	

Electrical properties

Surface resistivity:	1,00E+02 Ohm	IEC 93
Comparative tracking index:	<100 Volts	IEC 112
Electric strength (2mm):	2,0 kV/mm	IEC 243-1

Other properties

Density:	1,28 g/ccm	ISO 1183
Water absorption in water at 23°C:	0,60 %	ISO 62

Examples of applications

Electronics devices, industrial and mechanical components, other sensitive parts, ...

DUMONT 
S W I S S M A D E 

THE REFERENCE OF
TWEEZERS SINCE 1881

WATCHMAKING
TWEEZERS
BROCHURE

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