



Spring bar tool

Outil aux barrettes



Herramienta para asas de muelle

Toglianse



N°	Description	Kg
117.450	Spring bar tool	0.0350
117.450.01	Spare tip	0.0110
117.450.02	Spare tip	0.0120



Bracelet link tool

Outil aux maillons de bracelet



Util para eslabones

Utensile per maglie



N°	Description	Kg
189.825	Bracelet link tool	0.0377
189.825.1	Spare tip	0.0075
189.825.2	Spare tip	0.0075



Novodiac - Spring removing tools

Outils aux ressorts Novodiac



Herramienta par muelles Novodiac

Strumento per molle Novodiac



N°	Description	Kg
185.381	ETA 2801 / 2824.2 / 2834.2 / 2836.2	0.008
185.382	ETA 2671 / 2660 / 2671 / 2688	0.008



Etachron tools

Outils pour Etachron



Herramienta para Etachron

Strumento per Etachron



N°	Description	Kg
185.595	Blade for turning hairspring stud	0.008
185.600	Fork for removing stud holder	0.008



Screwdriver set

Jeu de tournevis

Juego de destornilladores

Serie di giraviti di precisione



N°	Description
189.765	Screwdriver set



Bracelet link tool

Outil aux maillons de bracelet



Util para eslabones

Utensile per maglie



N°	Description
189.826	Bracelet link tool



Hand fitting tools

Outils à poser les aiguilles

Utiles para colocar las agujas

Piazzasfere



N°	Description	Ø holes	Kg
174.315	Set of 2 tools (00,01)		0.020
174.315.00	Tool (red/blue)	Concave/0.80 mm	0.013
174.315.00G	Blue spare tip	0.80 mm	0.001
174.315.00R	Red spare tip	Concave	0.001
174.315.01	Tool (black/white)	0.50/1.00 mm	0.013
174.315.01B	Black spare tip	0.50 mm	0.001
174.315.01W	White spare tip	1.00 mm	0.001
174.315.02	Tool (grey/yellow)	1.50/brass	0.0130
174.315.02L	Spare tip		0.001
174.315.02P	Grey spare tip		0.001
174.316	Set of 3 tools (00,01,02)		0.0130

Battery changing kit

Kit pour changer les piles

Juego para cambiar pilas

Kit per cambiare le pile



Battery changing kit. Contains:

- 1 plastic tweezer (16575)
- 1 tweezer (164.703.AA)
- 1 case opener (167.768)
- 1 screwdriver (18978A.100)
- 1 case opener (167.761)
- 1 battery clamp assortment (3410X)

N°	Description	Kg
118.360X	Battery changing kit	0.200



Bezel remover

Outil pour lunettes

Quita bisel de caja

Strumento per lunetta



N°	Description	Kg
167.770	Bezel remover	0.0310

Finger cots

Doigtiers

Dedos

Ditali



N°	Description	Kg
193.420L	Large	0.0920
193.420M	Medium	0.0800
193.420S	Small	0.0760
193.420XL	Extra-large	0.0970
193.420XXL	Extra extra-large	0.0970

Bracelet pin removing set

Kit à chasser les goupilles

Juego quita-pasadores

Gioco togli coppiglie



Bracelet pin removing set which includes:

- 1 hammer (17755A.060)
- 1 bracelet holder (118.391)
- 3 pin removing tools (189.820.070, 189.820.080, 189.820.100)
- 1 set of pins (2190.090X)

N°	Description	Kg
118.350X	Pin removing set	0.180

Rubber case opener

Ouvre-boîte en caoutchouc

Abrecaja de caucho

Aprēcassa



N°	Description	Kg
167.752B	Case opener	0.0432

Pin vices

Pinces universelles

Mandriles universales

Morsetti universali



N°	Length	Kg
18214.08	8 cm	0.013
18214.10	10 cm	0.014
18214.12	12 cm	0.013

Digigard



N°	Description	Dimensions	Kg
193.425	Bag of 16 pcs	30m x 20mm	0.035

Fomblin



N°	Description	Dimensions	Quantity	Kg
118.590	Fomblin - Pot	10 g	10ml	0.025
118.590.100	Fomblin - Tube	100 g		0.025

Moebius 9103.20 Synth-HP1000



N°	Description	Quantity	Kg
19103.20	SYNTH-HP1000	20 ml	0.015

Moebius 9104.20 Synth-HP1300



N°	Description	Quantity	Kg
19104.20	Synth HP1300	20 ml	0.015



Watchmakers mallet

Mallet d'horloger

Mazo de relojero

Mallet d'horloger



N°	Description	Kg
142.209	Mallet	0.080

Hammer

Marteau

Martillo

Martello



N°	Description	Kg
142.229	Hammer	0.0750

Moebius 9501



N°	Description	Quantity	Kg
19501.50	9501	50 ml	0.130

Jismaa 124



N°	Description	Colour	Quantity	Kg
173.190.07	Cupro-ferrous alloys	Green	7 g	0.015
173.190.18	Cupro-ferrous alloys	Green	18 g	0.031
173.191.07	Carbon ferrous alloys	Blue	7 g	0.015
173.191.18	Carbon ferrous alloys	Blue	18 g	0.031

Klueber P125



N°	Quantity	Kg
173.205	5 g	0.050



Movement holder

Porte-mouvements

Portacajas

Porta movimenti



N°	Description	Kg
18394	Movement holder (up to 11½'')	0.0500

Watchmakers loupes - ASCO

Loupes d'horloger - ASCO

Lentes de relojero - ASCO

Lenti per orologiai - ASCO

High quality watchmakers loupes. Black plastic frame, practically unbreakable. Mat finish inside. Screwed on ring in dural. Blue coated optics.



N°	Focale distance	Magnification	Ø	Kg
176.150.10	1"	10 X	25 mm	0.0100
176.150.15	1½"	6.5 X	25 mm	0.0100
176.150.20	2"	5 X	25 mm	0.0100
176.150.25	2½"	4 X	25 mm	0.0100
176.150.30	3"	3.5 X	25 mm	0.0100
176.150.35	3½"	3 X	25 mm	0.0100
176.150.40	4"	2.5 X	25 mm	0.0100

Aplanetic loupes - ASCO

Loupes aplanétiques - ASCO

Lentes aplanéticos - ASCO

Lenti aplanatiche - ASCO

Black plastic frame, practically unbreakable. Mat finish inside. Monobloc ring in dural. Best quality blue coated optics. Two lens aplanetic loupes.



N°	Magnification	Ø	Kg
176.152.10	10 X	14 mm	0.0140
176.152.12	12 X	14 mm	0.0140
176.152.16	16 X	14 mm	0.0140
176.152.20	20 X	14 mm	0.0140

Aplanetic loupes - ASCO

Loupes aplanétiques - ASCO

Lentes aplanéticos - ASCO

Lenti aplanatiche - ASCO

High quality watchmakers loupes. Black plastic frame, practically unbreakable. Mat finish inside. Screwed on ring in dural. Best quality lens.



N°	Magnification	Ø	Kg
176.153.10	10 X	25 mm	0.0140
176.153.14	14 X	25 mm	0.0140

Centering loupes - ASCO

Loupes de centrage - ASCO

Lupas de centrage - ASCO

Lenti da centraggio - ASCO

High quality centering loupes in black anodised aluminium. Colour-coded rings according to the magnification.



N°	Description	Magnification	Ø	Kg
176.156.05	Yellow	5 X	14 mm	0.0180
176.156.06	Blue	6 X	14 mm	0.0180
176.156.08	Grey	8 X	14 mm	0.0180
176.156.10	Green	10 X	14 mm	0.0180

Achromatic loupes - ASCO

Loupes achromatiques - ASCO

Lupas acromáticas - ASCO

Lenti achromatiche - ASCO

High quality achromatic loupes. Blue coated lens.



N°	Magnification	Ø	Kg
176.154.10	10 X	13 mm	0.0140
176.154.12	12 X	13 mm	0.0140
176.154.16	16 X	13 mm	0.0140
176.154.20	20 X	13 mm	0.0140
176.154.25	25 X	13 mm	0.0140

Pivot broaches

Equarrisoirs à pivot

Escariadores de pivotes

Allargatoi a pivot

Popular 144 piece sets comprising twelve aluminium tubes containing twelve broaches each in four different sizes, three of each.



N°	Description	Ø	Kg
17048	Pivot broaches	0.05 - 0.10 - 0.12 - 0.15mm	0.050
17048A	Pivot broaches	0.15 - 0.20 - 0.25 - 0.30mm	0.054

Watch Wizard

New model with colour display. Suitable for co-axial technology.



N°	Description	Kg
340.501C	Watch Wizard - Colour display	2.145

New! **Hole punching plier**
Pince à perforer
Alicate para perforar
Pinza per perforazioni



N°	Description	Kg
125.570	Hole punching plier	0.1850

Plastic tray

Plateau en plastique
Banveja de plástico
Vassoio di plastica



N°	Description	Kg
340.204	Tray	0.0950
340.204C	Cover	0.0950

Swiss Exclusive **Micromotor**
Micromoteur
Micromotor
Micromotore

Rotation speed: 1000-40000 rpm
Voltage: 230V, Frequency: 50/60 Hz
Current: 0.1A (max. 1.25A)
Dimensions: W100 x D185 x H105 mm



N°	Description	Kg
131.157.01	Hammer	0.112
131.157.220	Micromotor, complete	2.900

New! **Diamond inscription loupe**
Loupe pour diamants marqués
Lupa para diamantes
Lente per diamanti



N°	Description
146.758	Inscription loupe

New! **LED and LED+UV loupes**
Loupes LED et LED+UV
Loupe LED y LED+UV
Loupe LED e LED+UV



N°	Description	Magnification	Kg
146.753	LED loupe	10 X	0.062
146.757	LED+UV loupe	10 X	0.052

Silicon polishers - cylinder

Polissoirs en silicone cylindriques

Pulidores de silicona cilindricos

Lucidatori di silicone cilindrache

Cylinder shaped sticks, Cratex style, made for smoothing and polishing hard to reach surfaces. They are widely used for polishing molds, dies, patterns and light castings; for cleaning contact points, solder spots, etc. Maximum safe speed 25,000 revolutions per minute. Best results are obtained at 30% to 80% of maximum safe speed. Supplied in a box containing 100 pieces and 1 mandrel no. 119.339.



N°	Description	Dimensions	Grit	Kg
133.430F.15	Brown	Ø 1.5 x 22 mm	Fine	0.046
133.430F.20	Brown	Ø 2.0 x 22 mm	Fine	0.050
133.430F.30	Brown	Ø 3.0 x 22 mm	Fine	0.050
133.430F.40	Brown	Ø 4.0 x 22 mm	Fine	0.050
133.430F.50	Brown	Ø 5.0 x 22 mm	Fine	0.050
133.430M.15	Black	Ø 1.5 x 22 mm	Medium	0.020
133.430M.20	Black	Ø 2.0 x 22 mm	Medium	0.022
133.430M.30	Black	Ø 3.0 x 22 mm	Medium	0.041
133.430M.40	Black	Ø 4.0 x 22 mm	Medium	0.041
133.430M.50	Black	Ø 5.0 x 22 mm	Medium	0.041
133.430R.15	Blue	Ø 1.5 x 22 mm	Rough	0.041
133.430R.20	Blue	Ø 2.0 x 22 mm	Rough	0.041
133.430R.30	Blue	Ø 3.0 x 22 mm	Rough	0.046
133.430R.40	Blue	Ø 4.0 x 22 mm	Rough	0.041
133.430R.50	Blue	Ø 5.0 x 22 mm	Rough	0.041
133.430XF.15	Green	Ø 1.5 x 22 mm	Extra-fine	0.041
133.430XF.20	Green	Ø 2.0 x 22 mm	Extra-fine	0.041
133.430XF.30	Green	Ø 3.0 x 22 mm	Extra-fine	0.046
133.430XF.40	Green	Ø 4.0 x 22 mm	Extra-fine	0.041
133.430XF.50	Green	Ø 5.0 x 22 mm	Extra-fine	0.041

Polinoxx



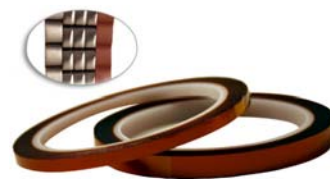
N°	Description	Kg
185.731	Polinoxx	0.125

Masking tape

Ruban de protection

Cinta de protección

Nastro protettivo



N°	Length	Width	Kg
312.120.05	33 m	5 mm	0.019
312.120.08	33 m	8 mm	0.032
312.120.09	33 m	9 mm	0.032
312.120.12	33 m	12 mm	0.040

Polinum



N°	Description	Kg
185.751	Polinum	0.125

Luxor polishing pastes

Pâtes à polir Luxor

Pastas de pulir Luxor

Paste per lucidare Luxor



N°	Description	Colour	Metal	Kg
185.740X	Assortment			1.000
185.745	Removal of major marks	Pink	All	0.120
185.746	Removal of minor marks	Green	All	0.120
185.747	Preparatory polishing	Grey	Platinum	0.120
185.748	Finishing	Blue	Non-ferrous (brass...)	0.120
185.749	Finishing incl. set pieces	White	Platinum, white gold, stainless steel	0.120
185.752	Finishing	Yellow	Yellow, pink gold	0.120
185.753	Super finishing	Orange	Precious metals	0.120
185.754	Finishing	Dark red	Yellow gold	0.120



Ceramic pencils

Porte-mine pour céramique

Lápiz para cerámica

Pena per ceramica



N°	Description	Ø	Colour	Grit
133.461.05	Holder	0.5 mm		
133.461.05B	Ceramic sticks	0.5 mm	Blue	800
133.461.05R	Ceramic sticks	0.5 mm	Red	1200
133.461.09	Holder	0.9 mm		
133.461.09B	Ceramic sticks	0.9 mm	Blue	800
133.461.09R	Ceramic sticks	0.9 mm	Red	1200

Emery paper

Papier d'émeri

Papel de esmeril

Carta smeriglio



N°	Description	Dimensions	Grit	Kg
117.991.0150	100 sheets	280 x 230mm	150	0.018
117.991.0150/10	10 sheets	280 x 230mm	150	0.018
117.991.0180	100 sheets	280 x 230mm	180	0.018
117.991.0180/10	10 sheets	280 x 230mm	180	0.018
117.991.0240	100 sheets	280 x 230mm	240	0.018
117.991.0240/10	10 sheets	280 x 230mm	240	0.015
117.991.0500	100 sheets	280 x 230mm	500	0.018
117.991.0500/10	10 sheets	280 x 230mm	500	0.015
117.991.1200	100 sheets	280 x 230mm	1200	0.018
117.991.1200/10	10 sheets	280 x 230mm	1200	0.015
117.991.2000	100 sheets	280 x 230mm	2000	0.018
117.991.2000/10	10 sheets	280 x 230mm	2000	0.015

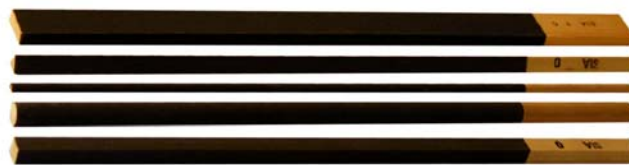
Emery buff sticks

Cabrons d'émeri

Mangos con esmeril

Cabroni di smeriglio

Emery paper glued to wooden handles in different shapes. Grits from 150 to 2000.



N°	Dimensions	Shapes	Kg
133.750.0150	20 x 6 mm	Flat	0.018
133.750.0180	20 x 6 mm	Flat	0.018
133.750.0240	20 x 6 mm	Flat	0.018
133.750.0500	20 x 6 mm	Flat	0.018
133.750.1200	20 x 6 mm	Flat	0.018
133.750.2000	20 x 6 mm	Flat	0.018
133.751.0150	8 x 8 x 8 mm	Three-square	0.018
133.751.0180	8 x 8 x 8 mm	Three-square	0.018
133.751.0240	8 x 8 x 8 mm	Three-square	0.018
133.751.0500	8 x 8 x 8 mm	Three-square	0.018
133.751.1200	8 x 8 x 8 mm	Three-square	0.018
133.751.2000	8 x 8 x 8 mm	Three-square	0.018
133.752.0150	Ø 5mm	Half-round	0.018
133.752.0180	Ø 5mm	Half-round	0.018
133.752.0240	Ø 5mm	Half-round	0.018
133.752.0500	Ø 5mm	Half-round	0.018
133.752.1200	Ø 5mm	Half-round	0.018
133.752.2000	Ø 5mm	Half-round	0.018



Cotton polishing brush

Brosse à polir en coton

Cepillo de pulir de algodón

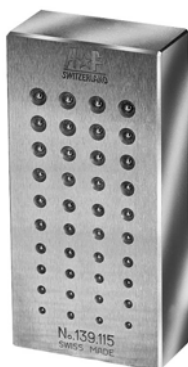
Spazzola di cotone



N°	Description	Kg
133.070.100	Cotton brush	0.080

Fion tools

Fions pour bijoutiers
Graneteras para joyeros
Fions per incassatori



N°	Dimensions	Bead Ø (mm)	Kg
139.115	60 x 28 x 15mm	0.60 0.65 0.80 1.00 1.25 1.50 1.75	0.215



Drawplates - Tungstene carbide

Filières - Carbure de tungstène
Hileras de estirar
Trafle



N°	Description	Dimensions	Shape	Kg
149.549	39 holes	0.26 - 2.80mm	Round	0.430
149.560.03	30 holes	0.55 - 3.00 mm	Half-round	
149.560.05	20 holes	3.10 - 5.00 mm	Half-round	
149.560.07	20 holes	5.10 - 7.00 mm	Half-round	
149.562.05	20 holes	3.10 - 5.00 mm	Oval	
149.563.03	30 holes	0.55 - 3.00 mm	Square	
149.563.05	20 holes	3.10 - 5.00 mm	Square	
149.563.07	20 holes	5.10 - 7.00 mm	Square	
149.565.05	20 holes	3.10 - 5.00 mm	Triangular	
149.565.11	20 holes	3.00 - 1.10 mm	Triangular	

Hand gravers

Echoppes
Buriles
Bulini



N°	Dimensions	Shape	Kg
120.014 + No.	5/0, 4/0, 3/0, 2/0, 0, 1, 2, 3, Flat 4, 5, 6, 7, 8		0.0051
120.024 + No.	18, 20, 22, 24, 26, 28, 30, 32	Round	0.0051
120.034 + No.	18, 20, 22, 24, 26, 28, 30, 32	Onglette	0.0051

Hand gravers

Echoppes
Buriles
Bulini



N°	Dimensions	Shape	Kg
120.064 + No.	2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28	Knife	0.0051



Scriber

Pointe à tracer
Punta trazar
Punta per tracciare



N°	Description	Kg
143.426	Scriber	0.0324



Pen scriber

Stylo avec pointe à tracer
Punta de trazar tipo pluma
Penna con punta per tracciare



N°	Description	Length	Kg
143.423	Scriber	180mm	0.0238
143.423.1	Replacement carbide point		0.0014



Diamond fly cutters

Roues avec diamant
Ruedas con diamante
Frese con diamante



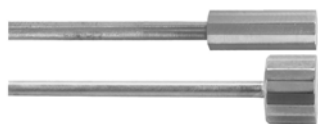
N°	Description	Shank Ø
172.235.090	Angle = 90°	2.35 mm
172.235.120	Angle = 120°	2.35 mm
172.235.150	Angle = 150°	2.35 mm
172.235.180	Angle = 180°	2.35 mm
172.235.R	Round	2.35 mm

Burnisher

Brunissoir

Bruñidores

Brunitoi



N°	Description	Height	Ø	Finish	Speed	Kg
107.730	12 facets	13 mm	5 mm	Coarse	max. 1000	0.005
107.731	18 facets	13 mm	5 mm	Medium	max. 1000	0.005
107.732	36 facets	13 mm	5 mm	Fine	max. 1000	0.005
107.734	24 facets	10 mm	7 mm	Medium	max. 8000	0.005
107.735	18 facets	10 mm	7 mm	Coarse	max. 8000	0.005
107.736	36 facets	10 mm	7 mm	Fine	max. 8000	0.005
107.737	72 facets	10 mm	7 mm	Extra-fine	max. 8000	0.005

Bench vice

Etau d'établi

Tornillo de banco

Morsa di banco



N°	Description	Kg
17115	Vice	1.050
17115P	Spare plate	

New! Mini suction vice

Mini étau à ventouse

Tornillo ventosa

Mini morsa



N°	Description	Kg
171.110	Suction vice	0.0330

Heavy duty cutter

Pince à couper

Pinza a cortar

Pinza da taglio

Heavy duty pliers with tungsten carbide jaws.



N°	Description	Kg
125.400	Tungsten carbide jaws	0.300

Mini rotative base vice

Mini étau sur socle rotatif

Mini tornillo con base rotativa

Mini morsa con base rotativa



N°	Description	Kg
171.111	Rotative base vice	0.0665
171.111S	Vice alone	0.1380

New! Mini vice

Mini étau

Mini tornillo

Mini morsa



N°	Description	Kg
171.112	Mini vice	0.0810

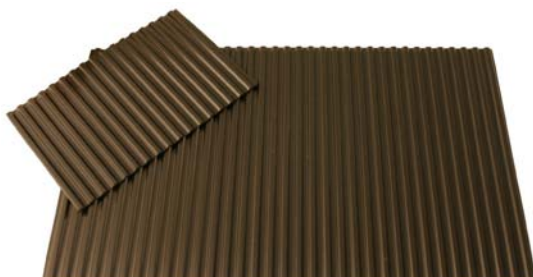


Bench mat, ridged

Plaques à rainures

Bendejas con ranuras

Tapetto per utensili



N°	Dimensions	Kg
182.575	100 x 150 mm	0.050
182.576	180 x 300 mm	0.190



Cleaning mat

Tapis accroche-poussière

Placa de limpeza

Tapetto di pulizia



N°	Description
182.578	Cleaning mat



Bench lamp

Lampe d'établi

Lampada da banco

Lampara de banco



N°	Watts	Voltage	Kg
174.275.220	9W	220V	1.050

Digital calipers

Calibres à coulisse digitaux

Calibres de corredera digitales

Calibri a corsoio digitale

High quality digital sliding gauges. Stainless body, plastic case. Two models available presenting different measuring ranges: 0-150 mm and 0-100 mm. Minimum value: 0.01 mm. Repeat accuracy: 0.01 mm. Fudge error: +/- 0.03 mm. Runs off one 357 battery.



N°	Colour	Capacity	Kg
166.832.100	0.01 mm	0-100 mm	0.125
166.832.150	0.01 mm	0-150 mm	0.125

Digital caliper

Calibre à coulisse digital

Calibre de corredera digital

Calibro a corsoio digital

High quality digital sliding gauges. Carbon plastic body. Two sizes available: one with a measuring range from 0 to 150 mm, and one from 0 to 100 mm. Minimum value: 0.1 mm. Repeat accuracy: 0.1 mm. Fudge error: +/- 0.03 mm. Runs off one 357 battery.



N°	Colour	Capacity	Kg
166.833.100	0.1 mm	0-100 mm	0.087
166.833.150	0.1 mm	0-150 mm	0.102

Digital caliper

Calibre à coulisse digital

Calibre de corredera digital

Calibro a corsoio digital

High quality digital sliding gauge. Stainless body, metal case. Measuring range from 0 to 150 mm. Minimum value: 0.01 mm. Repeat accuracy: 0.01 mm. Fudge error: +/- 0.03 mm. Runs off one 357 battery.



N°	Colour	Capacity	Kg
166.834.150	0.01 mm	0-150 mm	0.239

Set of wax files

Jeu de limes pour la cire

Surtido de limas para la cera

Gioco di lime per la cera



N°	Description	Length	Kg
175.725	Set of wax files	17 cm	0.070

Wax lining tool set

Set pour la cire

Juego de herramientas para la cera

Set per la cera

Set of three wax tools used to draw patterns on wax. Double-ended with rough, medium and fine teeth.



N°	Description	Length	Kg
107.115	Wax lining tools	145 mm	0.0660

Hard metal wax bur set

Jeu de fraises en métal dur pour la cire

Surtido de fresas de metal duro para la cera

Gioco di frese in metallo duro per la cera



N°	Description	Kg
172.855	Wax bur set	0.0870

Wax ring stick

Triboulet à cire

Palo para moldes de cera

Fuso per cera

This heavy-duty steel mandrel is used for enlarging wax ring models. Gives better results than lighter wooden types. Slide the wax ring or tube on to the mandrel and rotate it. The superior design slices the inner wall more evenly leaving a smooth, shiny finish. All steel design, black finish. Knurled handle for better grip.



N°	Description	Length	Ø	Blades	Kg
106.145L	For bangles	237 mm	19.0 - 26.0 mm	8	0.490
106.145M	For rings	225 mm	13.5 - 20.3 mm	6	0.354
106.145S	For small rings	225 mm	8.0 - 15.0 mm	6	0.173

Wax smoothing plane

Rabot à lisser la cire

Cepillo para alisar la cera

Attrezzo per lisciare la cera



N°	Description	Dimensions	Thickness
107.116	Complete set		
107.116H	Safety holder	38 x 93 mm	3.5 mm
107.116M	Non slip mat		
107.116P	Plane		

Pearl drills

Forets pour percer les perles

Brocas para perforar perlas

Punte per forare le perle



N°	Dimensions	Kg
330.505.05	0.50 mm	
330.505.06	0.60 mm	
330.505.07	0.70 mm	
330.505.08	0.80 mm	0.003
330.505.09	0.90 mm	0.003
330.505.10	1.00 mm	0.003
330.505.11	1.10 mm	0.003
330.505.12	1.20 mm	0.003
330.505.14	1.40 mm	
330.505.15	1.50 mm	
330.505.16	1.60 mm	
330.505.20	2.00 mm	

Adapter collet set

Adaptateur pour mandrins à tige

Adaptador para mandriles

Adattatore per mandrino

A useful adapter with three different capacity chucks. For adapting 2.35mm (3/32") collets on rotary tools and flex shaft handpieces to a more useful range from 0 to 2.35mm. Allows use of miniature drills with normal power drill chucks which do not close to these sizes.



N°	Description	Closing to	Kg
182.211	Set	0.00/1.50/2.00/3.00 mm	0.015
182.211.00	Spare collet	Ø 0.00 mm	
182.211.15	Spare collet	Ø 1.50 mm	
182.211.20	Spare collet	Ø 2.00 mm	
182.211.30	Spare collet	Ø 3.00 mm	