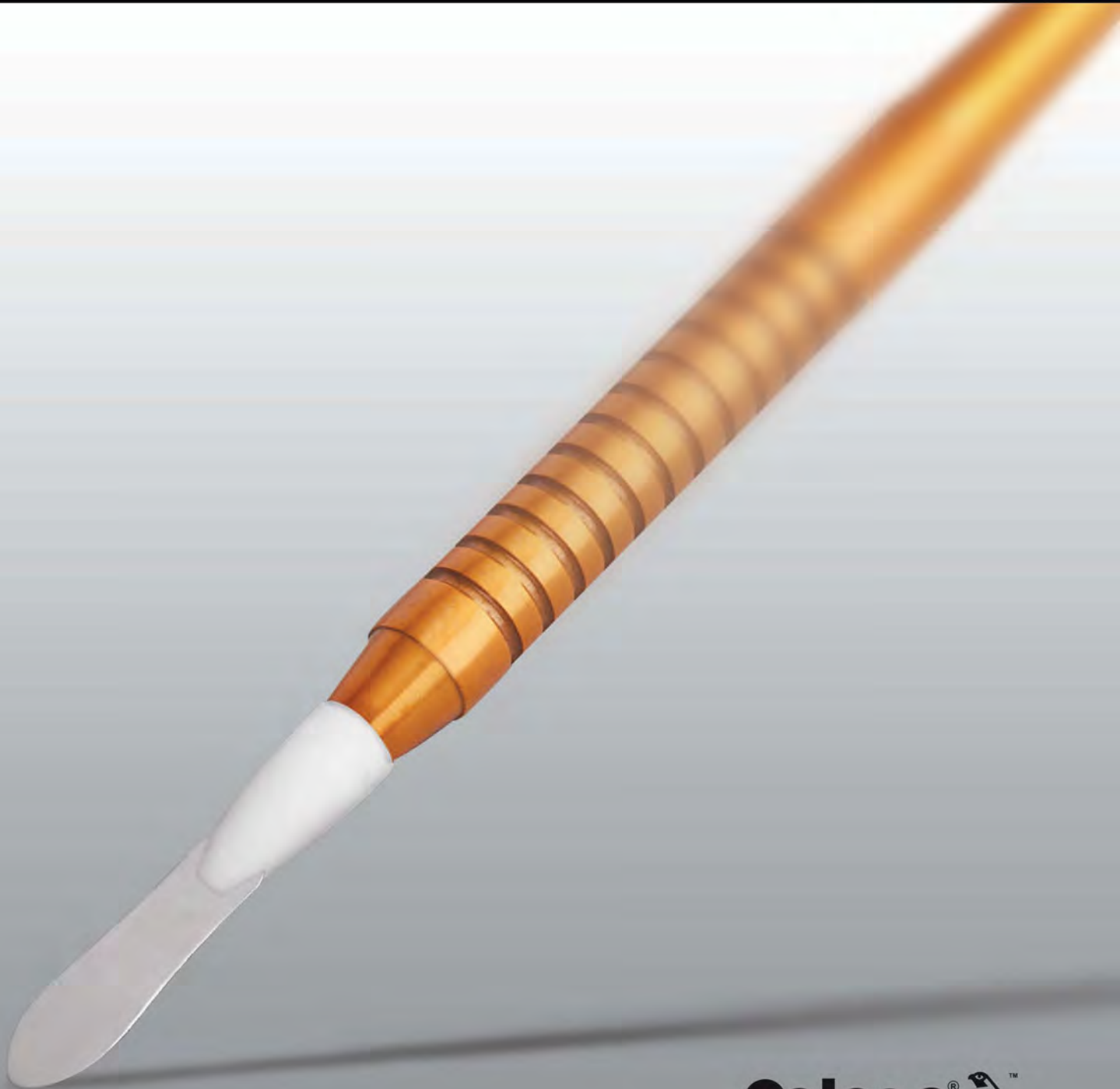


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D₁₃

Laboratory



Falcon[®]
Medical Polska
Your Instruments since 1975



Non-Precious dental alloys



Crown and bridge alloys



Kera N®

Dental alloy for ceramics, Nickel base (Ni-Cr)
Pack of 1kg.

Typical chemical elements in %

Ni	Cr	Mo	Al	Si
~63	25, 75	11	< 0,4	1,5

Technical and physical data

Hardness after casting	190 HV 10
Hardness after burning	185 HV 10
Solidus temperature	1260 °C
Liquidus temperature	1350 °C
Density	8,2 g/cm ³
Coefficient of expansion (20-600°C)	14,1 mm/mk
Size and weight of ingot	Ø 8 x 14,5 mm / ~6g

Kera N is a beryllium and iron-free Ni-Cr alloy
The strong oxide provides optimum metal/ceramic bonding
One of the remarkable features is the high corrosion resistance

Kera C®

Dental alloy for ceramics, Nickel free (Co-Cr)
Pack of 1kg.

Typical chemical elements in %

Co	Cr	Mo	Al	Si	Mn	W	Fe	Nb	V
~58	24,50	1	< 0,4	0,9	<1	9	<1,5	2	2

Technical and physical data

Hardness after casting	360 HV 1
Hardness after burning	340 HV 10
Solidus temperature	1260 °C
Liquidus temperature	1350 °C
Density	8,2 g/cm ³
Coefficient of expansion (20-600°C)	14,1 mm/mk
Size and weight of ingot	Ø 8 x 14,5 mm / ~6g

Kera C is Co-Cr alloy for ceramics and is beryllium and nickel free
The strong oxide provides optimum metal/ceramic bonding
One of the remarkable features is the high corrosion resistance

EDW®

Soft Dental alloy for composites, Nickel base (Ni-Cr)
Pack of 1kg.

Typical chemical elements in %

Ni	Cr	Mo	Mn	Si	Fe	C
~65	27,00	4,73	0,57	1,80	0,26	0,01

Technical and physical data

Hardness after casting	210 HV 10
Solidus temperature	1210 °C ₀
Liquidus temperature	1240 °C
Tensile Strength	550 N/mm ³
Breaking elongation	Ca. 8%
Density	8,2 g/cm ³
Size and weight of ingot	Ø 8 x 14,5 mm / ~6g

EDW is a beryllium free chrome/nickel alloy
One of the remarkable features is the high corrosion resistance

Non-Precious dental alloys



Partial denture alloys



Robur 400®

Partial denture alloy, Nickel free (Co-Cr)
Pack of 1kg.

Typical chemical elements in %

Co	Cr	Mo	Mn	Al	Si	W	Fe	C
~65	29	6	0,6	<0,4	0,4	1	<1	0,5

Technical and physical data

Hardness after casting	Ca.400 HV 10
Casting temperature	ca. 1,450
Solidus temperature	1340 °C
Liquidus temperature	1370 °C
Density	8,3 g / cm
Tensile strength	900 N/mm2
Breaking elongation	> 6 %
Modulus of elasticity	230,000
Size and weight of ingot	Ø 8 x 14,5 mm / ~6g

Robur 400 is an extremely pure cast alloy on cobalt base, exclusively made of fresh and pre-tested ore. This is an important requirement for high histocompatibility.

Highest mechanical features and best cast ability make room for individual and esthetical denture creation. Simple elaboration as well as good polishing and gloss results are typical.

Tener 350®

Partial denture alloy, Nickel free (Co-Cr) super hard
Pack of 1kg.

Typical chemical elements in %

Co	Cr	Mo	Mn	Al	Si	W	Fe	C
~65	29	6	0,6	<0,4	0,4	1	<1	0,3

Technical and physical data

Hardness after casting	Ca.360 HV 10
Casting temperature	ca. 1,450
Solidus temperature	1340 °C
Liquidus temperature	1370 °C
Density	8,3 g / cm
Modulus of elasticity	230,00
Size and weight of ingot	Ø 8 x 14,5 mm / ~6g

Tener 350 is an extremely pure cast alloy on cobalt base, exclusively made of fresh and pre-tested ore. This is an important requirement for high histocompatibility.

Highest mechanical features and best cast ability make room for individual and esthetical denture creation. Simple elaboration as well as good polishing and gloss results are typical.

Tener IT®

Partial denture alloy, Nickel free (Co-Cr) reduced hardness
Pack of 1kg.

Typical chemical elements in %

Co	Cr	Mo	Mn	Al	Si	W	Fe	C
~65	29	6	0,6	<0,4	0,4	1	<1	0,15

Technical and physical data

Hardness after casting	Ca.330 HV 10
Casting temperature	ca. 1,450
Solidus temperature	1340 °C
Liquidus temperature	1370 °C
Density	8,3 g / cm
Modulus of elasticity	230,00
Size and weight of ingot	Ø 8 x 14,5 mm / ~6g

Tener IT is an extremely pure cast alloy on cobalt base, exclusively made of fresh and pre-tested ore. This is an important requirement for high histocompatibility.

Highest mechanical features and best cast ability make room for individual and esthetical denture creation. Simple elaboration as well as good polishing and gloss results are typical.

Semi-adjustable articulators


Model 2000

BIO. 2000



Model 4000

BIO. 4000



Model 5000

BIO. 5000



Model EVA Fix

BIO.1.05



Model EVA Plus

BIO.1.04


Features

Model	2000 Arcon	4000 Arcon	5000 Arcon	Eva Fix Non-Arcon	Eva Plus Non-Arcon
Condylar guide	Adjustable / Curve	Adjustable / Flat	Adjustable / Flat	Fixed / Flat	Adjustable / Flat
Bennet angle	Set at the average of 15°	Adjustable	Adjustable	Set at the average of 15°	Adjustable
Intercondylar distance	Set at the average of 110mm	Adjustable	Set at the average of 110mm	Set at the average of 110mm	Set at the average of 110mm
Stabilization system	Rubber ring	Spring	Rubber ring	✗	✗
Central lock	✓	✗	✓	✓	✓
Protrusion adjustment	✗	✗	✗	✗	✓
Adjustable side shift	✓	✗	✗	✗	✓

Face-Bows



Model Professional



BIO.1.07

For articulators model
2000
4000
Eva Plus
Eva Fix

Model Standard



BIO.1.06

For articulators model
2000
4000
5000

Accessories for articulators

Complete magnetic mounting plate



BIO.1.13

Cast fastening washers



BIO.1.14
Pack of 10 pieces

Mounting plates



BIO.1.15
Pair

Incisal table (acrylic)



BIO.1.12

Adjustable incisal table



BIO.1.11

Camper's plan



BIO.1.19

Ruler Fox



BIO.1.18

Fork for toothless patients



BIO.1.17

Fork support



BIO.1.16

Articulators

DL.050.000
contents
1 x Articulator Unit
10 x Mounting plates (DL.050.001)
2 x Complete magnetic plates (DL.050.002)
10 x Cast fastening washers (DL.050.003)



Falcon Deluxe
DL.050.000

DL.039.001
Spare Pins (pair)



Deluxe
DL.039.000

DL.040.000
contents
1 x Articulator Unit
2 x Mounting plates (DL.050.001)



Falcon
DL.040.000

DL.038.000
contents
1 x Articulator Unit
2 x Complete magnetic plates (DL.038.002)
10 x Cast fastening washers (DL.038.003)



Deluxe magnetic
DL.038.000

Accessories

Complete magnetic plate



DL.050.002

Magnet



DL.050.004

Mounting plates



DL.050.001
Pack of 10 pieces

Cast fastening washers



DL.050.003
Pack of 10 pieces

Accessories

Complete magnetic plate



DL.038.002

Cast fastening washers



DL.038.003
Pack of 10 pieces

Magnet



DL.038.004

DL.045.000
contents
1 x Articulator Unit
2 x Complete magnetic plates (DL.045.001)
10 x Cast fastening washers (DL.045.002)



Falcon
DL.045.000

Accessories

Complete magnetic plate



DL.045.001

Cast fastening washers



DL.045.002
Pack of 10 pieces

Magnet



DL.038.004

Plasterless articulator
DL.060.000



Micro torches

- Instant electronic ignition
- Precise adjustable flame
- Temperatures up to 2450°F/1343°C

1 Year Guarantee



DL.1000.00
Hand held or free standing



DL.1010.00

Alcohol lamps deluxe



DL.015.010
Small
DL.015.020
Large

Wicks (pack of 5 pieces)



DL.019.020
L=100 mm, W=15 mm

Alcohol lamp standard



DL.010.000

Wicks (pack of 5 pieces)



DL.019.010
L=120 mm, ø 5mm

Glass alcohol lamp



DL.009.000

Wicks (pack of 5 pieces)



DL.019.010
L=120 mm, ø 5mm

Articulators



Fig. 50
DL.025.050
Full arch



Fig. 51
DL.025.051
Full denture



Fig. 57
DL.025.057
Crown & bridge

Brass articulators



Fig. 50
DL.024.050
Full arch



Fig. 51
DL.024.051
Full denture



Fig. 57
DL.024.057
Crown & bridge

Colored articulators



Fig.50



Fig.51



Fig.57

Black	DL.026.150	DL.026.151	DL.026.157
Blue	DL.026.250	DL.026.251	DL.026.257
Red	DL.026.550	DL.026.551	DL.026.557
Yellow	DL.026.850	DL.026.851	DL.026.857

Occlusor



DL.027.000



Calipers



DL.100.010
Boley



DL.100.020
Boley



Iwanson
For metal

DL.101.010
Standard



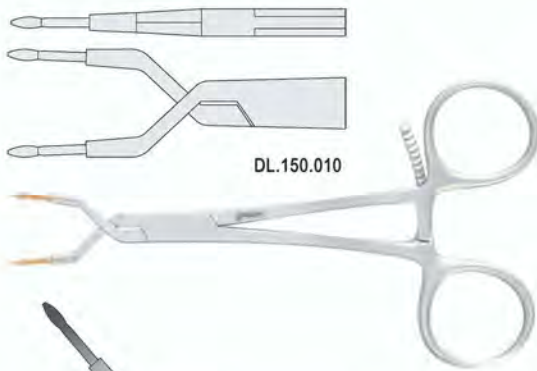
Iwanson
For wax

DL.101.030
Deluxe
Laser marked

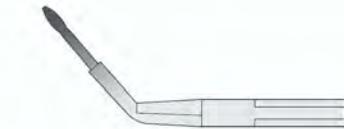
DL.101.020
Standard

DL.101.040
Deluxe
Laser marked

Crown grippers

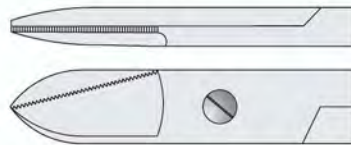


DL.150.010



DL.150.020

Crown scissors



BS.920.120



BS.921.120

Bee Bee
120 mm

Riveting mallets



Fig. 1
DL.255.010
220 mm



Fig. 2
DL.255.020
220 mm

Soldering tweezers



DL.780.010
160 mm



DL.780.020
160 mm

Anvil



DL.020.010
L 110 x W 30 x H 40 mm
Carbon steel

Denture cases Midi



Pack of 10 pieces

DL.9080.02
Assorted colors

Denture cases Max



Pack of 10 pieces

DL.9080.01
Assorted colors

Furnace tongs



DL.700.310
310 mm



DL.705.400
400 mm



DL.715.560
560 mm

Fret saw and blades



DL.650.000
250 mm

DL.650.011
for metal

DL.650.021
for plaster

Furnace tweezers



DL.790.200
200 mm

DL.790.300
300 mm

Plaster cutters



DL.325.200
Straight
200 mm

DL.326.200
Curved
200 mm

Modeling saw and blades



DL.655.000
180 mm

DL.655.011
0.25 x 3 mm

DL.655.021
0.25 x 5 mm

DL.655.031
0.12 x 5 mm

Bowls for plaster and alginate



Silicone, flexible

ø 100 mm DL.500.011

ø 120 mm DL.500.021

ø 140 mm DL.500.031

ø 160 mm DL.500.041



Polyethylene, rigid

DL.501.017

DL.501.027

DL.501.037



Plaster knives with bakelite handle



-  DL.332.010
Falcon
180 mm
-  DL.337.160
Gritman
160 mm
-  DL.337.170
Gritman
170 mm

Plaster knives with wooden handle

-  DL.330.010
Falcon
180 mm
-  DL.335.160
Gritman
160 mm
-  DL.335.170
Gritman
170 mm
-  DL.340.180
Sacks
180 mm
-  DL.350.010
Falcon
170 mm
-  DL.350.011
Falcon
180 mm
-  DL.350.021
Falcon
140 mm
-  DL.350.030
Falcon
160 mm
-  DL.350.040
Falcon
160 mm
-  DL.350.050
Falcon
135 mm
-  DL.350.060
Falcon
135 mm

Plaster knives with colored plywood handle

-  DL.331.010
Falcon
180 mm
-  DL.336.160
Gritman
160 mm
-  DL.336.170
Gritman
170 mm
-  DL.351.050
Falcon
135 mm
-  DL.351.060
Falcon
135 mm

Plaster spatulae rigid

-  Fig. 1
DL.400.010
Falcon
185 mm
-  Fig. 2
DL.400.020
Falcon
180 mm
-  DL.410.170
Lichtenstein
170 mm
-  DL.415.200
Roghe
200 mm
-  Fig. 8
DL.450.080
Falcon
210 mm
-  Fig. 9
DL.450.090
Falcon
230 mm

Plaster spatulae flexible

-  Fig. 3
DL.450.030
Falcon
190 mm
-  Fig. 4
DL.450.040
Falcon
200 mm
-  Fig. 5
DL.450.050
Falcon
215 mm
-  Fig. 6
DL.450.060
Falcon
210 mm
-  Fig. 7
DL.450.070
Falcon
210 mm

Alginate spatulae



185 mm

	Blue	DL.461.010
	Green	DL.461.020
	Orange	DL.461.030
	Pink	DL.461.040
	Red	DL.461.050
	White	DL.461.060
	Yellow	DL.461.070



Alginate spatula flexible



DL.460.010
Falcon
190 mm

Wax knives with plastic handle

Non-autoclavable



	Black
	Blue
	Green
	Red
	White
	Yellow

	Fahnenstock 130 mm	Fahnenstock 175 mm
Black	DL.815.050	DL.815.060
Blue	DL.815.051	DL.815.061
Green	DL.815.052	DL.815.062
Red	DL.815.053	DL.815.063
White	DL.815.054	DL.815.064
Yellow	DL.815.055	DL.815.065

Wax knives with bakelite handle



Autoclavable



DL.815.070 Fahnenstock 130 mm



DL.815.080 Fahnenstock 175 mm



DL.825.070 Lessmann 130 mm



DL.825.080 Lessmann 175 mm

Wax knives with plastic handle

Non-autoclavable



	Black
	Blue
	Green
	Red
	White
	Yellow

	Lessmann 130 mm	Lessmann 175 mm
Black	DL.825.050	DL.825.060
Blue	DL.825.051	DL.825.061
Green	DL.825.052	DL.825.062
Red	DL.825.053	DL.825.063
White	DL.825.054	DL.825.064
Yellow	DL.825.055	DL.825.065

Wax knives with metal handle



Autoclavable



DL.815.030 Fahnenstock 130 mm



DL.815.040 Fahnenstock 175 mm



DL.825.030 Lessmann 130 mm



DL.825.040 Lessmann 175 mm

Wax knives with wooden handle

	DL.805.010	con scodellino	130 mm
	DL.805.020	con scodellino	175 mm
	DL.815.010	Fahnenstock	130 mm
	DL.815.020	Fahnenstock	175 mm
	DL.825.010	Lessmann	130 mm
	DL.825.020	Lessmann	175 mm

Wax knives Ermert

	DL.810.010	Wooden handle	130 mm
	DL.810.030	Plastic handle	130 mm
	DL.810.020	Metal handle	130 mm



Ceramic sculpturing instruments



Fig. 1
DL.950.010



Fig. 2
DL.950.020



Fig. 3
DL.950.030
Knife



DL.950.000
Set of 3 pieces



DL.955.000
Set of 3 pieces



Fig. 1
DL.955.010



Fig. 2
DL.955.020



Fig. 3
DL.955.030
Knife / Nóz

Tips

Flexible



Fig. 1 DL.949.010



Fig. 2 DL.949.020



Fig. 3 DL.949.030
Knife

Super flexible



Fig. 1 DL.949.011



Fig. 2 DL.949.021



Fig. 3 DL.949.031
Knife

Modeling carvers

P.K. Thomas

Aluminum handle



Fig. 1 DL.905.010



Fig. 2 DL.905.020



Fig. 5 DL.905.050



Fig. 3 DL.905.030



Fig. 4 DL.905.040



DL.905.000 Set of 5 pieces

Modeling carvers and spatulae

P.K. Thomas

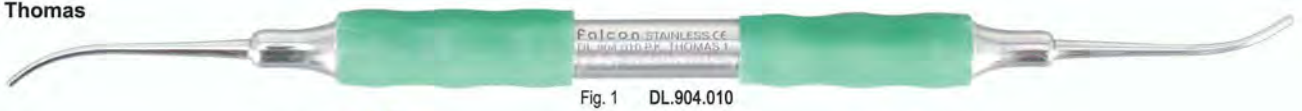


Fig. 1 DL.904.010

Fig. 2 DL.904.020



Autoclavable

Fig. 3 DL.904.030



Fig. 4 DL.904.040



DL.904.000
Set of 5 pieces

Fig. 5 DL.904.050



Fig. 1 DL.900.010

Fig. 2 DL.900.020



Fig. 3 DL.900.030



Fig. 4 DL.900.040



DL.900.000
Set of 5 pieces

Fig. 5 DL.900.050



Fig. 7 DL.856.070 Beale



Fig. 31 DL.870.314 Gritman



Fig. 10 DL.880.100 Lecron



Fig. 10 DL.875.100 Hylin



Fig. 10 DL.945.100 Zahle



Fig. 1 DL.932.010 Vehe



Fig. 31 DL.870.310 Gritman



Fig. 13 DL.864.130 Falcon



Fig. 1 DL.855.010 Beale



Fig. 12 DL.864.120 Falcon



Fig. 1 DL.918.010 Roach

Modeling carvers


Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
DL.864.010	DL.864.020	DL.864.030	DL.864.040	DL.864.050	DL.864.060	DL.864.070	DL.945.010	DL.945.020	DL.945.030	DL.945.040	DL.945.050	DL.945.060
Falcon	Falcon	Falcon	Falcon	Falcon	Falcon	Falcon	Zahle	Zahle	Zahle	Zahle	Zahle	Zahle
130 mm	140 mm	140 mm	135 mm	140 mm	117 mm	115 mm	120 mm	125 mm	125 mm	120 mm	120 mm	115 mm



Fig. 1	Fig. 3	Fig. 5	Fig. 6	Fig. 1	Fig. 2	Fig. 3	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 7	Fig. 8
DL.875.010	DL.875.030	DL.875.050	DL.875.060	DL.882.010	DL.882.020	DL.882.030	DL.880.010	DL.880.020	DL.880.030	DL.880.040	DL.880.070	DL.880.080
Hylin	Hylin-Ceramica	Hylin-Falcon	Hylin-Lecron	Lecron-Mini	Lecron-Mini	Lecron-Mini	Lecron	Lecron	Lecron	Lecron	Lecron	Lecron
135 mm	135 mm	135 mm	135 mm	100 mm	130 mm	130 mm	165 mm	165 mm	165 mm	165 mm	160 mm	160 mm

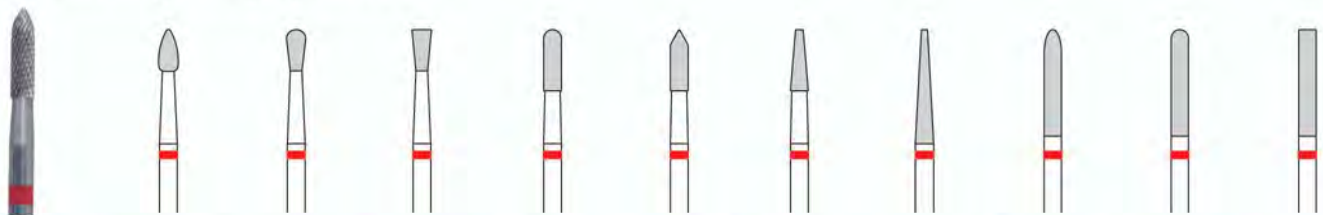
Tungsten Carbide Burs

- Made of high quality Tungsten Carbide
- Precision toothing, superior cutting and durable
- Perfectly concentric
- Available in x-fine, fine, coarse and x-coarse grits
- Color coded according to grit type
- Standard ISO patterns



Cross Cut Fine (ISO-No. 140)

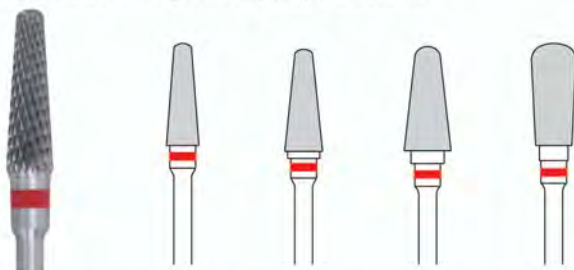
For delicate and difficult trimming of hard alloys, acrylics and ceramics



Shank	ISO No.	DB.9257.233	DB.9237.233	DB.9255.233	DB.9140.233	DB.9289.233	DB.9198.233	DB.9187.233	DB.9292.233	DB.9137.233	DB.9116.233
HP	500 104...	257..140	... 237..140	... 255..140	... 140..140	... 289..140	... 198..140	... 187..140	... 292..140	... 137..140	... 116..140
	Ø mm	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3
	L1 mm	5,5	5,5	5,5	8,0	8,0	8,0	15,0	14,0	14,0	14,0
	L2 mm	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0

Cross Cut Fine (ISO-No. 140)

For delicate and difficult trimming of hard alloys, acrylics and ceramics



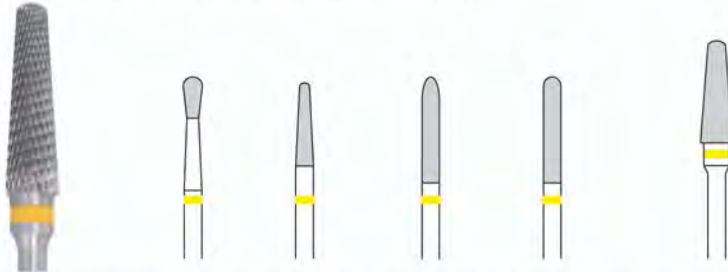
Shank	ISO No.	DB.9194.403	DB.9194.503	DB.9194.603	DB.9237.603
HP	500 104...	... 194..140	... 194..140	... 194..140	... 237..140
	Ø mm	4,0	5,0	6,0	6,0
	L1 mm	13,5	13,5	13,5	13,0
	L2 mm	52,0	52,0	52,0	52,0



Tungsten Carbide Burs

Cross Cut X-Fine (ISO-No. 141)

For fine, precise trimming of ceramics, precious metals and all non-precious alloys

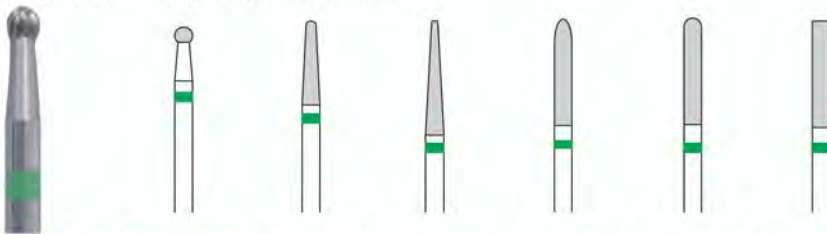


Shank	ISO No.	DB.9237.232	DB.9199.232	DB.9292.232	DB.9137.232	DB.9194.402
HP	500 104...	... 237..141	... 199..141	... 292..141	... 137 141	... 194..141
	Ø mm	2,3	2,3	2,3	2,3	4,0
	L1 mm	5,5	11,5	14,0	14,0	13,5
	L2 mm	45,0	45,0	45,0	45,0	52,0



Cross Cut Coarse (ISO-No. 220)

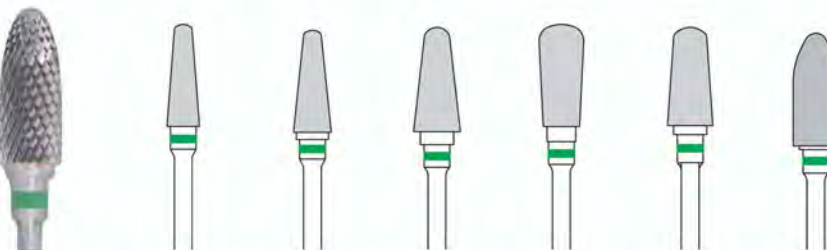
For trimming large surfaces of acrylics, tray materials and plaster



Shank	ISO No.	DB.9001.235	DB.9199.235	DB.9187.235	DB.9292.235	DB.9137.235	DB.9116.235
HP	500 104...	... 001 220	... 199..220	... 187..220	... 292..220	... 137 220	... 116 220
	Ø mm	2,3	2,3	2,3	2,3	2,3	2,3
	L1 mm	2,3	11,0	15,5	2,3	14,0	14,0
	L2 mm	45,0	45,0	45,0	45,0	45,0	45,0

Cross Cut Coarse (ISO-No. 220)

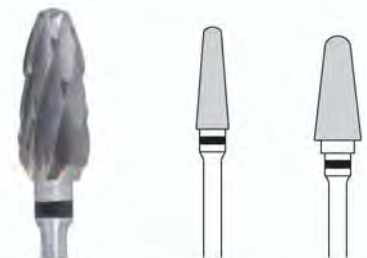
For trimming large surfaces of acrylics, tray materials and plaster



Shank	ISO No.	DB.9194.405	DB.9194.505	DB.9194.605	DB.9237.605	DB.9263.605	DB.9274.605
HP	500 104...	... 194-220	... 194..220	... 194..220	... 237..220	... 263..220	... 274..220
	Ø mm	4,0	5,0	6,0	6,0	6,0	6,0
	L1 mm	13,5	13,5	13,5	13,0	13,0	14,0
	L2 mm	52,0	52,0	52,0	52,0	52,0	52,0

Cross Cut X-Coarse (ISO-No. 224)

The optimum for plaster – also wet plaster



Shank	ISO No.	DB.9194.408	DB.9194.608
HP	500 104...	... 194..224	... 194..224
	Ø mm	4,0	6,0
	L1 mm	13,5	13,5
	L2 mm	52,0	52,0