

dentalline[®] orthodontic products



ORTHODONTICS



PRODUCT CATALOG DEALER






Your partner for orthodontic products




CERTIFIED

The Quality Management System of our company fulfills the requirements of the legal regulations of the Medical Device Directions and international standards: 92/43 EWG, DIN EN ISO 13485.

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We will be happy to answer your questions regarding our products or services. You can reach us:

 Monday - Thursday 8.00 - 17.00 pm
Friday 8.00 - 14.00 pm

Our Know-How for Your Treatment Success

dentalline is one of the leading providers of orthodontic products on the international dental market. Working successfully for over 40 years in this field, the family-run company supports her customers in their daily clinical work with innovative high quality products, comprehensive expertise and competent reliability.

In 1970, the foundation was laid for the continuously successful company history of dentalline by founding RMO® Germany, the German subsidiary of Rocky Mountain® Orthodontics. After some formative corporate milestones during the following years, Willi Bäuerlein founded dentalline GmbH in the year 1993. About 28,000 products are currently included in the portfolio of the company, which is situated now in Birkenfeld near Pforzheim. Brackets, arch wires, molar bands, chains, functional orthodontic appliances or mini implants – the product range is very wide and covers the complete spectrum of modern orthodontics.

Until today, the name dentalline stands for quality, competence and innovation. Looking back across 40 years of experience, the company led by Willi Bäuerlein and his sons Ralph and Frank Bäuerlein operates as reliable cooperation partner of well-known global brands such as Rocky Mountain® Orthodontics, Leone and PSM. Moreover, dentalline has been acting as DIN EN ISO and CE certified producer of his own brands for a number of years now. Thus closely cooperating with renowned orthodontists as well as highly qualified engineers, dentalline manufactures for example a series of orthodontic wires and brackets.

Enjoy rummaging this catalogue! We are looking forward to receiving your feedback and getting in contact with you personally.

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- Accessoires

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- NiTi-SL® Brackets
- Metal Brackets
- Aesthetic Brackets
- Accessoires

04 Wire Page 49

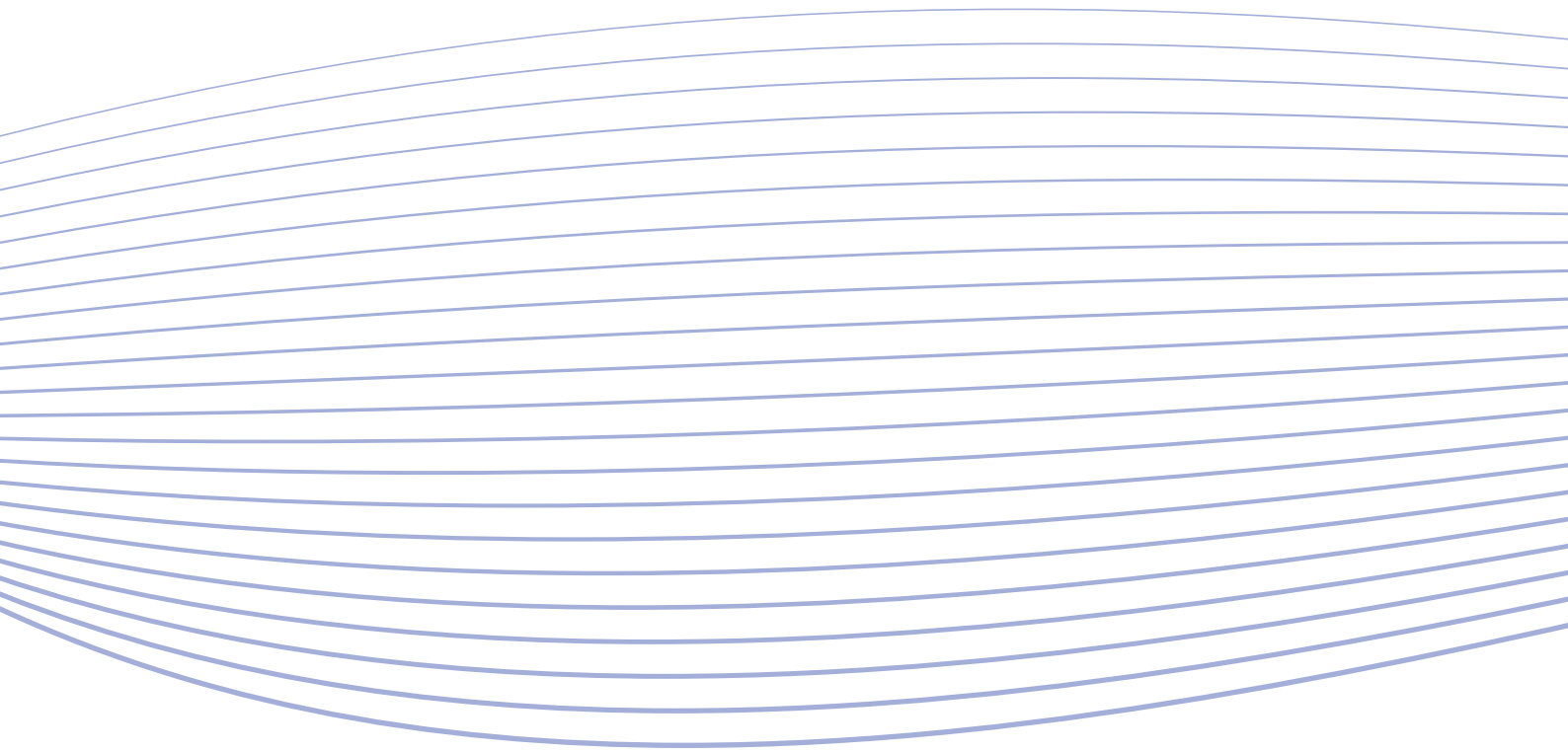
- NiTi Archwire
- Stainless Steel Archwire
- Titan-Molybdän-Alloy (TMA)
- Multi™-Titan-Molybdän-Alloy
- Composite NiTi Archwire
- Double-Efficacy Archwire
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- Rhodium Coated Archwire
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- Lingual Archwire
- Straight Lengths and Spools
- Australian Wires
- Springs
- Ligatures
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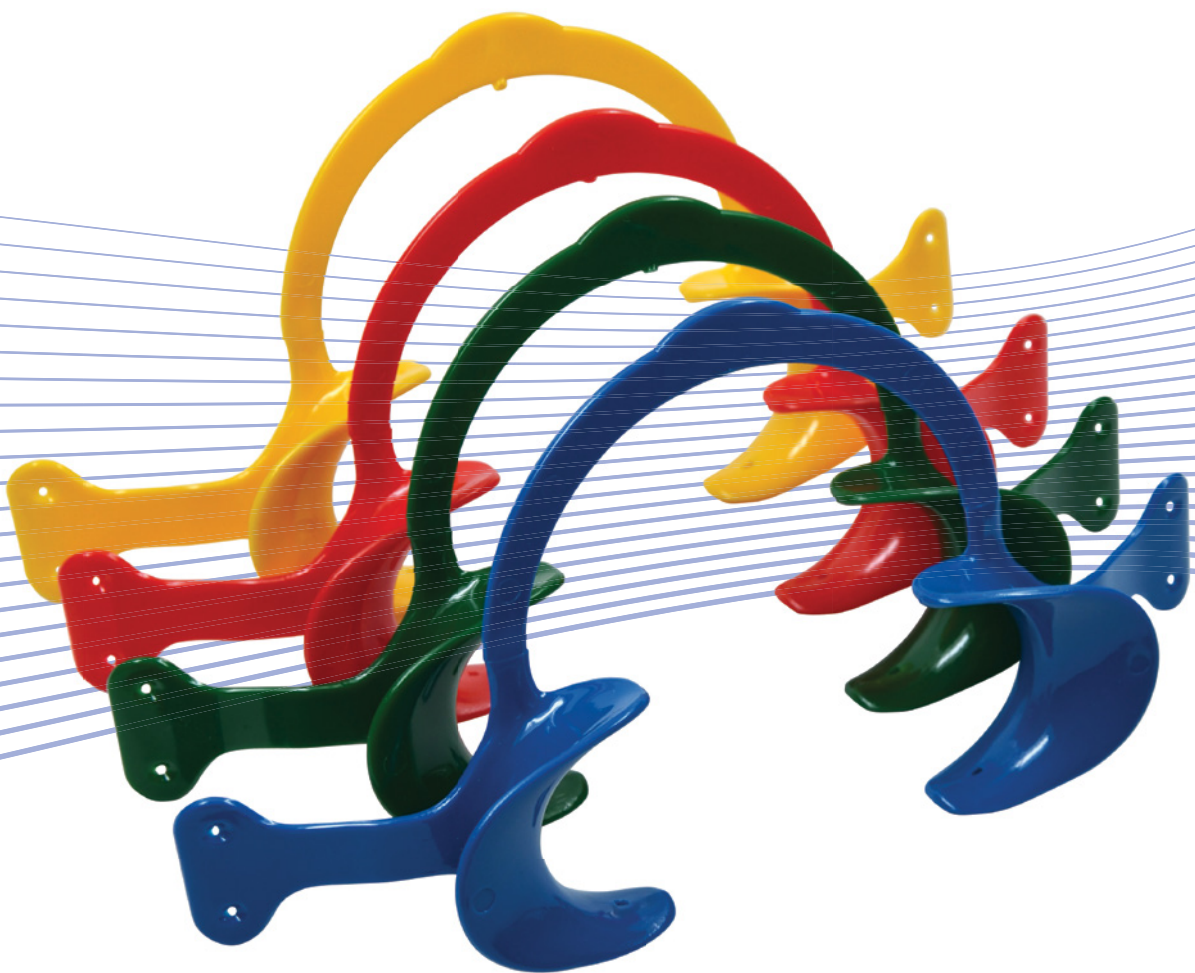
- Elastics
- Elastomeric Ligature Ties
- Separators
- Impression Trays
- Alginates
- Facemasks
- Palatal Bars
- Cental Jewelry
- Lip Protector
- Appliance Cases

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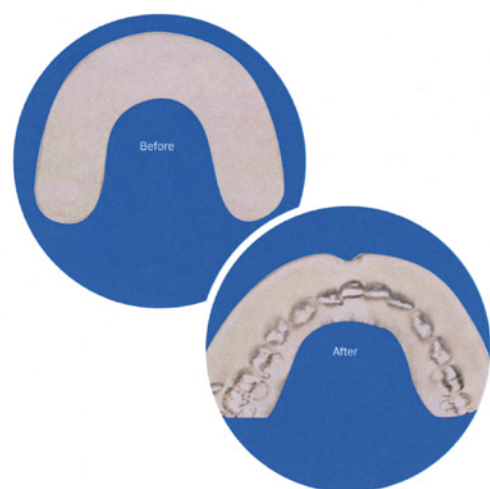
- Bonding Systems
- Band Cement
- Sealing
- Accessoires



01 | Diagnostics



Instruments and Accessories



Thermobite

- Specially-formulated resin provides highly accurate bite impressions of teeth
- Heat according to instructions, bite down and trim
- Minor perforations allowed, for a correct occlusion with touching teeth surfaces
- Easy to store and transport to labs
- Resistant to temperature changes during transit

	Package Contains	Order Number
Thermobite	30	DL900005

Tracing Paper

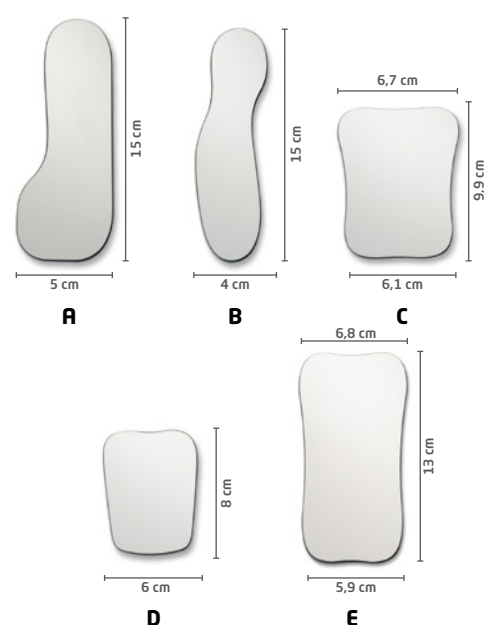


Ortho/Trace

- 100 sheets per package
- Smooth transparent surface
- Thickness 0,06 mm
- Rounded corners match standard (18 x 24 cm)

	Package Contains	Order Number
	1	ECJ0086

Photographic Mirrors



Intraoral Photographic Mirrors

- Dual chrome coating for sharp images
- No double vision
- Withstands repeated sterilization
- Extremely durable
- 3mm depth

	Package Contains	Order Number
A) Lingual, small	1	ECM0103
B) Buccal	1	ECM0104
C) Occlusal (Adult)	1	ECM0105
D) Occlusal (Child)	1	ECM0106
E) Occlusal XL	1	ECM0110
Mirror Handle	1	ECM0109

Retractors



Unilateral Cheek Retractor

- With an extra long handle for safety hold.
- Transparent and nonreflective (blue-tinted).
- Autoclavable.

	Package Contains	Order Number
Small	2	ECM0107
Standard	2	ECM0108



Extraoral Cheek Retractor

- Full view for bonding of anterior and posterior teeth
- Does not reflect light from flash (blue-tinted)
- Autoclavable

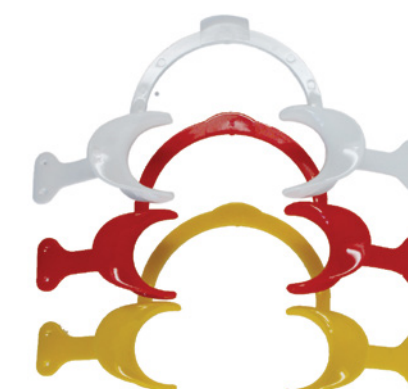
	Package Contains	Order Number
Small	2	ECM1331
Standard	2	ECM1330



Double Ended Cheek Retractor

- Available in 2 sizes
- Max. view of posterior
- Smooth rounded edges for patient comfort

	Package Contains	Order Number
Heat sterilizable (185 °C), children	2	DL800202
Cold sterilizable, children	2	DL800203
Autoclavable (130 °C), children	2	DL800204
Heat sterilizable (185 °C), adult	2	DL800210
Cold sterilizable, adult	2	DL800211
Autoclavable (130 °C), adult	2	DL800212



Bilateral Cheek Retractor

- Includes extensions which may be held by the patient
- Retractor can be widened to suit
- Available in 3 sizes and 4 colours (red, green, blue and white)
- Cold sterilization only

	Package Contains	Order Number
Small (6,5)	1	ECM1333
Medium (9 cm)	1	ECM1334
Large (10 cm)	1	ECM1335
Medium Soft (clear)	1	ECM1337



Disposable Tongue Blocks

- Keeps the tongue away from the teeth during bonding procedures
- Lateral saliva evacuations holes and additional holes for breathing
- Additional holes for breathing and/or the attachment of a safety lanyard if required
- Single use only

	Package Contains	Order Number
Disposal Tongue Blocks	50	ECM1349



Retract-EEZ® Photo Lip retractor

- Features easy grip handles
- One size fits most
- Excellent for occlusal photographs
- Smooth rounded edges for patient comfort
- Autoclavable up to 135°C

	Package Contains	Order Number
Retract-EEZ®	1	DL800205

Nola Dry field System

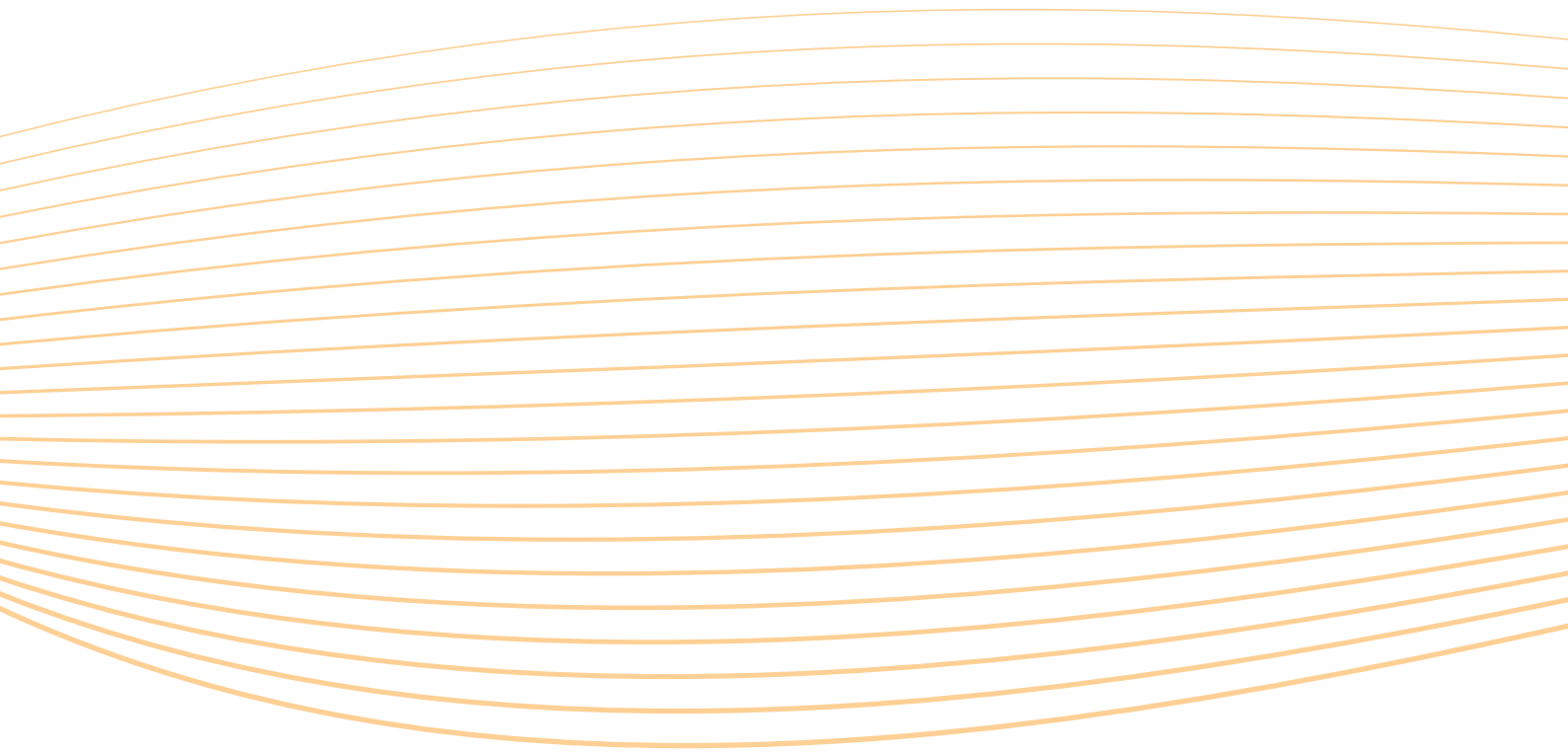
- An ideal device for insuring a dry bonding surface.
- Autoclavable



	Nola Dry field system small (red)	Nola Dry field system large (white)	Tongue guard small (red)	Tongue guard big (clear)	Cheek retractor small (red)	Cheek retractor big (white)	Bilateral suction tube
Package Contains	1	1	2	2	1	1	10
Order Number	ECM1326	ECM1325	n0500001	n0500005	n0500006	n0500007	n0500010

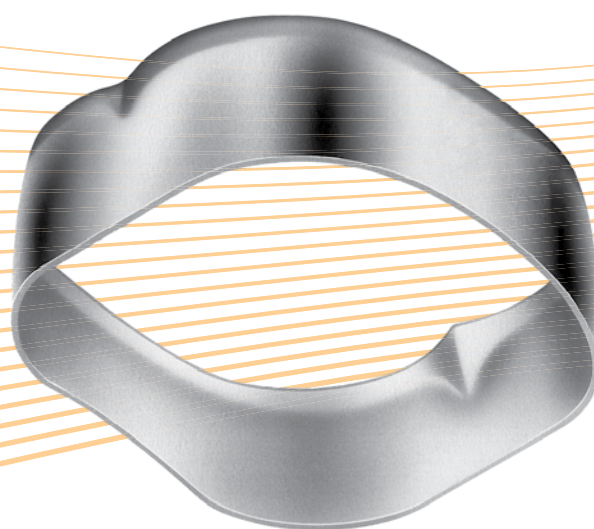


	Connector high Volume	Connector low Volume	Y-Connector
Package Contains	4	4	1
Order Number	n0500004	n0500008	n0500002



02 | Bands and buccal tubes

02



Molar bands

dentalline Molar Bands are anatomically shaped and because of the micro-etched surface contoured for an accurate fit. They are available for the 1st Molar in the sizes 3 to 30 and for the 2nd Molar in the sizes 9 to 36. All bands are delivered pre-welded with cleat, in single packs or in kits.



Kit Assortments

1st Molarbands - Kit quantities / quadrant

Bandsize	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Starter Kit																													
50 Assorted Bands	0	0	0	0	0	0	0	1	2	2	3	4	4	4	4	4	4	4	3	3	2	2	2	1	1	0	0	0	50
Standard Kit																													
100 Assorted Bands	0	0	0	0	1	1	1	2	2	4	4	10	10	10	10	10	10	5	5	4	4	2	2	1	1	1	0	0	100

2nd Molarbands - Kit quantities / quadrant

Bandsize	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Total
Starter Kit																													
50 Assorted Bands	1	1	1	1	1	2	3	4	4	4	4	4	4	3	2	2	2	1	1	1	1	1	1	1	0	0	0	0	50
Standard Kit																													
100 Assorted Bands	2	2	2	2	2	4	5	8	8	8	8	8	8	5	4	4	4	4	2	2	2	2	2	2	0	0	0	0	100

How to order:

Choose weldable buccaltube from page 13/14 and start with the numbers without DL00. Then use 6 for 1st Molar or 7 for 2nd Molar and choose the size from page 12.

For Exampe:

1st Molar Roth .022" Upper right Triple tube with HG:

System

Upper right

Size

8030 H UR 6 16

Cleat

Tooth

Band Organizer

25 x 3,5 x 27 cm (W x H x L)

	Package Contains	Order Number
Box for dentalline Bands	1	DL800310

Buccal tubes

Standardline

1st Molar, Maxillary / Mandibular, Single, Non-convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth / MBT	16	-14°	10°	DL008010	DL008410	DL291010	DL291410
	26	-14°	10°	DL008011	DL008411	DL291011	DL291411
Roth	36	-30°	4°	DL008021	DL008421	DL291021	DL291421
	46	-30°	4°	DL008020	DL008420	DL291020	DL291420
Standard Edgewise	16/36	0°	0°	—	—	DL291014	—
	26/46	0°	0°	—	—	DL291015	—

Packs of 10

1st Molar, Maxillary / Mandibular, Single, Convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth / MBT	16	-14°	10°	DL008012	DL008412	DL291012	DL291412
	26	-14°	10°	DL008013	DL008413	DL291013	DL291413
Roth	36	-30°	4°	DL008023	DL008423	DL291023	DL291423
	46	-30°	4°	DL008022	DL008422	DL291022	DL291422
MBT	36	-20°	0°	DL008324	DL008124	DL291323	DL291124
	46	-20°	0°	DL008325	DL008125	DL291322	DL291125

Packs of 10

1st Molar, Maxillary, Combination, HG Occlusal (.045") - Convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth / MBT	16	-14°	10°	DL008024	DL008026	DL291024	DL291026
	26	-14°	10°	DL008025	DL008027	DL291025	DL291027

Packs of 10

1st Molar, Maxillary, Triple, HG Occlusal (.045") - Convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth / MBT	16	-14°	10°	DL008028	DL008030	—	DL291030
	26	-14°	10°	DL008029	DL008031	—	DL291031

Packs of 10

1st Molar, Mandibular, Double - Convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth	36	-30°	4°	DL008033	DL008035	—	DL291035
	46	-30°	4°	DL008032	DL008034	—	DL291034
MBT	36	-20°	0°	DL008037	DL008039	—	—
	46	-20°	0°	DL008036	DL008038	—	—

Packs of 10





Standardline

2nd Molar, Maxillary / Mandibular, Single - Non-convertible, Normal 3,5mm

System	Tooth	Torque	Offset	Bondable	
				.018"	.022"
Roth / MBT	17	-14°	10°	DL290012	DL290412
	27	-14°	10°	DL290013	DL290413
Roth	37	-30°	4°	DL290023	DL290423
	47	-30°	4°	DL290022	DL290422
MBT	37	-10°	0°	DL290323	DL290123
	47	-10°	0°	DL290322	DL290122

Packs of 10



2nd Molar, Maxillary / Mandibular, Single - Non-convertible, Mini 2,5mm

System	Tooth	Torque	Offset	Bondable	
				.018"	.022"
MBT	17	-14°	10°	DL290010	DL290410
	27	-14°	10°	DL290011	DL290411
	37	-10°	0°	DL290321	DL290121
	47	-10°	0°	DL290320	DL290120

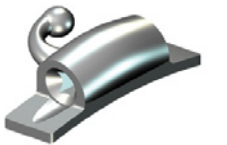
Packs of 10

Premiumline

1st Molar, Maxillary, Single - Non convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth	16	-10°	8°	DL008501	DL008505	DL290614	DL290714
	26	-10°	8°	DL008502	DL008506	DL290615	DL290715
MBT	16	-14°	10°	DL008503	DL008507	DL290618	DL290718
	26	-14°	10°	DL008504	DL008508	DL290619	DL290719
Standard Edgewise	16	0°	0°	DL008590	DL008592	DL290610	DL290710
	26	0°	0°	DL008591	DL008593	DL290611	DL290711

Packs of 10



1st Molar, Maxillary, Single - Convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth	16	-10°	8°	DL008512	DL008518	DL291720	DL291724
	26	-10°	8°	DL008513	DL008519	DL291721	DL291725
	16	-10°	12°	DL008510	DL008516	-	-
	26	-10°	12°	DL008511	DL008517	-	-
	16	-10°	0°	DL008514	DL008520	-	-
	26	-10°	0°	DL008515	DL008521	-	-

Packs of 10



1st Molar, Maxillary, Double - Convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth/ MBT	16	-10°	8°	DL005800	DL005804	DL291700	DL291704
	26	-10°	8°	DL005801	DL005805	DL291701	DL291705

Packs of 10



1st Molar, Maxillary, Combination, HG-occlusal (.045") - Convertible

System	Tooth	Torque	Offset	weldable	
				.018"	.022"
Roth	16	-10°	8°	DL008530	DL008534
	26	-10°	8°	DL008531	DL008535
MBT	16	-14°	10°	DL008532	DL008536
	26	-14°	10°	DL008533	DL008537

Packs of 10



1st Molar, Maxillary, Combination, HG-gingival (.045") - Convertible

System	Tooth	Torque	Offset	weldable	
				.018"	.022"
Roth	R	-10°	8°	DL005820	DL005826
	L	-10°	8°	DL005821	DL005827
MBT	R	-14°	10°	DL005822	DL005828
	L	-14°	10°	DL005823	DL005829

Packs of 10



Premiumline

1st Molar, Maxillary, Triple, HG-Occlusal (.045") - Convertible

System	Tooth	Torque	Offset	weldable	
				.018"	.022"
Roth	R	-10°	8°	DL008540	DL008544
	L	-10°	8°	DL008541	DL008545
MBT	R	-14°	10°	DL008542	DL008546
	L	-14°	10°	DL008543	DL008547

Packs of 10

1st Molar, Maxillary, Triple, HG-Occlusal (.045") - Von convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Ricketts	16	0°	0°	DL008550	—	DL290605	—
	26	0°	0°	DL008551	—	DL290606	—

Packs of 10

1st Molar, Mandibular, Single - Non convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth	36	-25°	5°	DL008561	DL008563	DL290627	DL290727
	46	-25°	5°	DL008560	DL008562	DL290626	DL290726
Standard Edgewise	36	0°	0°	DL008595	DL008597	DL290621	DL290721
	46	0°	0°	DL008594	DL008596	DL290620	DL290720
	36	-10°	0°	—	—	DL290625	DL290725
	46	-10°	0°	—	—	DL290624	DL290724

Packs of 10

1st Molar, Mandibular, Single - Convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth	36	-25°	5°	DL008571	DL008575	DL291723	DL291727
	46	-25°	5°	DL008570	DL008574	DL291722	DL291726
MBT	36	-20°	0°	DL008573	DL008577	DL291729	DL291731
	46	-20°	0°	DL008572	DL008576	DL291728	DL291730

Packs of 10

1st Molar, Mandibular, Double - Convertible (Auxillary .018" x .025", 0° Torque)

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth	36	-25°	5°	DL005803	DL005807	DL291703	DL291707
	46	-25°	5°	DL005802	DL005806	DL291702	DL291706
MBT	36	-20°	0°	DL005810	DL005812	DL291709	DL291711
	46	-20°	0°	DL005809	DL005811	DL291708	DL291710

Packs of 10

1st Molar, Mandibular, Combination

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Roth	36	-25°	5°	DL005825	DL005831	—	—
	46	-25°	5°	DL005824	DL005830	—	—

Packs of 10

Premiumline

1st Molar, Maxillary / Mandibular, Ricketts Double with ball hook - Non convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Ricketts	16 / 36	0°	0°	DL008581	—	DL290602	—
	26 / 46	0°	0°	DL008580	—	DL290601	—

Packs of 10

1st Molar, Maxillary / Mandibular, Ricketts Double with Aux. hook - Non convertible

System	Tooth	Torque	Offset	weldable		bondable	
				.018"	.022"	.018"	.022"
Ricketts	16 / 36	0°	0°	DL008583	—	DL290604	—
	26 / 46	0°	0°	DL008582	—	DL290603	—

Packs of 10

DIAMOND Buccal Tube

- Occlusal indent for precise positioning
- 80 Gauge Mesh base
- Mesial chamfered entrance for easy guiding
- Low profile

1st Molar , Maxillary / Mandibular

System	Tooth	Torque	Offset	M/D in mm	bondable	
					.018"	.022"
Roth	16	-14°	10°	4,0	DL290500	DL290510
	26	-14°	10°	4,0	DL290501	DL290511
	36	-30°	4°	4,0	DL290502	DL290512
	46	-30°	4°	4,0	DL290503	DL290513
MBT	16	-14°	10°	4,0	DL290500	DL290510
	26	-14°	10°	4,0	DL290501	DL290511
	36	-20°	0°	4,0	DL290506	DL290516
	46	-20°	0°	4,0	DL290507	DL290517
Standard Edgewise	16/36	0°	0°	4,0	—	DL290518
	26/46	0°	0°	4,0	—	DL290519

Packs of 10

2nd Molar , Maxillary / Mandibular

System	Tooth	Torque	Offset	M/D in mm	bondable	
					.018"	.022"
Roth	17	-14°	10°	3,2	DL290520	DL290530
	27	-14°	10°	3,2	DL290521	DL290531
	37	-30°	4°	3,2	DL290522	DL290532
	47	-30°	4°	3,2	DL290523	DL290533
MBT	17	-14°	10°	3,2	DL290520	DL290530
	27	-14°	10°	3,2	DL290521	DL290531
	37	-20°	0°	3,2	DL290526	DL290536
	47	-20°	0°	3,2	DL290527	DL290537
Standard Edgewise	17/37	0°	0°	3,2	—	DL290538
	27/47	0°	0°	3,2	—	DL290539

Packs of 10

VIPER™ - Buccal Tubes

- Low profile
- Permanent Colour ID
- Distal notch
- 80 Gauge indented Mesh-Pad
- Compound contour base
- Malleable ball hook
- 1st and 2nd Molar

Maxillary

Technik		Torque	Offset	M/D in mm	ID	weldable	
						.018"	.022"
Roth	16	-10°	8°	4,2	●	DL001512	DL001612
	26	-10°	8°	4,2	●	DL001513	DL001613
MBT	16	-14°	10°	4,2	●	DL001514	DL001614
	26	-14°	10°	4,2	●	DL001515	DL001615
Standard Edgewise	16	0°	0°	4,2	◆	DL001510	DL001610
	26	0°	0°	4,2	◆	DL001511	DL001611

System		Torque	Offset	M/D in mm	ID	bondable			
						extended indented pad		small indented pad	
						.018"	.022"	.018"	.022"
Roth	16	-10°	8°	4,2	●	DL291542	DL291642	DL291512	DL291612
	26	-10°	8°	4,2	●	DL291543	DL291643	DL291513	DL291613
MBT	16	-14°	10°	4,2	●	DL291544	DL291644	DL291514	DL291614
	26	-14°	10°	4,2	●	DL291545	DL291645	DL291515	DL291615
Standard Edgewise	16	0°	0°	4,2	◆	DL291540	DL291640	DL291510	DL291610
	26	0°	0°	4,2	◆	DL291541	DL291641	DL291511	DL291611

Packs of 10

Mandibular

System		Torque	Offset	M/D	ID	weldable	
						.018"	.022"
Roth	46	-25°	5°	4,2mm	▲	DL001518	DL001618
	36	-25°	5°	4,2mm	▲	DL001519	DL001619
MBT	46	-20°	0°	4,2mm	■	DL001520	DL001620
	36	-20°	0°	4,2mm	■	DL001521	DL001621
Standard Edgewise	46	0°	0°	4,2mm	◆	DL001516	DL001616
	36	0°	0°	4,2mm	◆	DL001517	DL001617

System		Torque	Offset	M/D	ID	bondable			
						extended indented pad		small indented pad	
						.018"	.022"	.018"	.022"
Roth	46	-25°	5°	4,2mm	▲	DL291548	DL291648	DL291518	DL291618
	36	-25°	5°	4,2mm	▲	DL291549	DL291649	DL291519	DL291619
MBT	46	-20°	0°	4,2mm	■	DL291550	DL291650	DL291520	DL291620
	36	-20°	0°	4,2mm	■	DL291551	DL291651	DL291521	DL291621
Standard Edgewise	46	0°	0°	4,2mm	◆	DL291546	DL291646	DL291516	DL291616
	36	0°	0°	4,2mm	◆	DL291547	DL291647	DL291517	DL291617

Packs of 10

Viper™ Low Profile Mini 2nd Tube

Specially designed for partially erupted 2nd Molars

- Trumpeted opening for easy insertion of wires
- Comfort hook design provides maximum patient comfort.
- Designed to fit easily and precisely on the mesial buccal cusp of 2nd molars.
- The mesially placed compound contour pad allows more surface area for additional bond strength.

	Torque	Offset	M/D in mm	ID	.018"	.022"
17/37	0°	0°	2,5	◆	DL290740	DL290730
27/47	0°	0°	2,5	◆	DL290741	DL290731
17	-10°	0°	2,5	●	DL290742	DL290732
27	-10°	0°	2,5	●	DL290743	DL290733
17/37	-14°	0°	2,5	●	DL290744	DL290734
27/47	-14°	0°	2,5	●	DL290745	DL290735
47	-25°	0°	2,5	■	DL290746	DL290736
37	-25°	0°	2,5	■	DL290747	DL290737

Packs of 10

Centauri Bondable 2nd Molar Mini Tube

Specially designed for partially erupted 2nd Molars

	Torque	Offset	.018"	.022"
17/37	0°	0°	DL290630	DL290640
27/47	0°	0°	DL290631	DL290641
17	-10°	0°	DL290632	DL290642
27	-10°	0°	DL290633	DL290643
17/37	-14°	0°	DL290634	DL290644
27/47	-14°	0°	DL290635	DL290645
37	-25°	0°	DL290637	DL290646
47	-25°	0°	DL290636	DL290647

Packs of 10



weldable



extended indented pad



small indented pad



weldable



extended indented pad



small indented pad





DL290030



DL290031



DL290407



R0407



DL290033



DL290032



DL290007



DL500030



DL500029

Direct Bond Lingual Buttons

	Package Contains	Order Number
Round base	10	DL290030
Elliptical base	10	DL290031

Direc Bond Lingual Cleat

	Package Contains	Order Number
Elliptical base	10	DL290407
Low base	10	R0407

Direct Bond Lingual Sheath

- Mesh base
- Fits left or right

	Package Contains	Order Number
Elliptical base	10	DL290033

Direct Bond Eyelets

	Package Contains	Order Number
Pulling ring	10	DL290007
Round base	10	DL290032

Eruption Appliance

	Package Contains	Order Number
• Round base • 24K gold plating	5	DL500030
• Rectangle base • Stainless Steel	10	DL500029

Spikes

	Package Contains	Order Number
<ul style="list-style-type: none"> • Eliminates detrimental forces • Discourages over-active muscle activity • For upper and lower arches • 80 Gauge mesh base • High Quality 17-4 Stainless Steel • Curved base perfect for lingual placement 	10	DL500031

Lingual Sheaths

	Package Contains	Order Number
No window, with indent	10	DL390131
With window and indent	10	DL390132
No window, no indent	10	DL390133
With window, no indent (MIM)	10	DL390136
With window, indent and round hook UL/LR	10	DL390137
With window, indent and round hook UR/LL	10	DL390138
With window, indent and distal ball hook UL/LR	10	DL390190
With window, indent and distal ball hook UR/LL	10	DL390191



DL390131



DL390132



DL390133



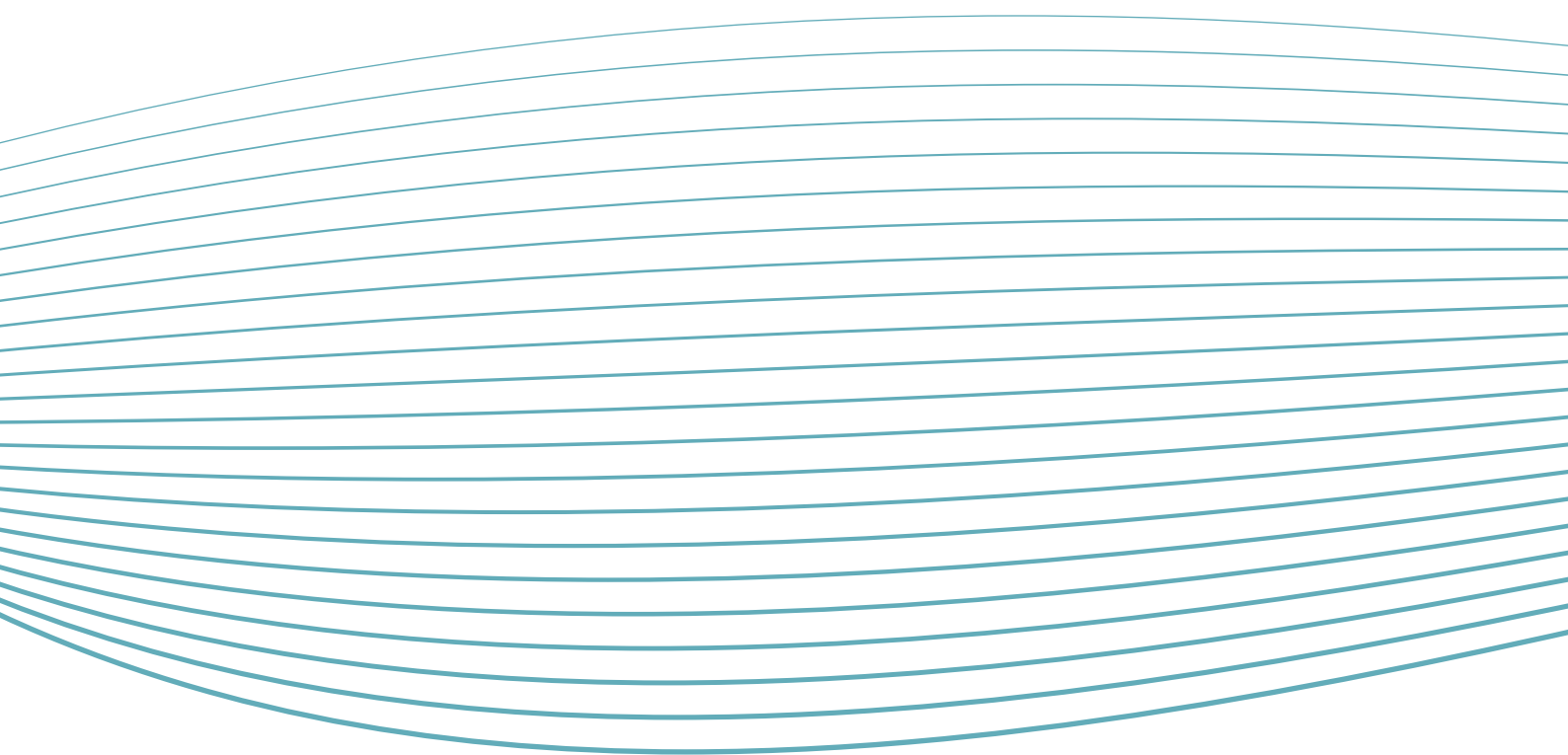
DL390136



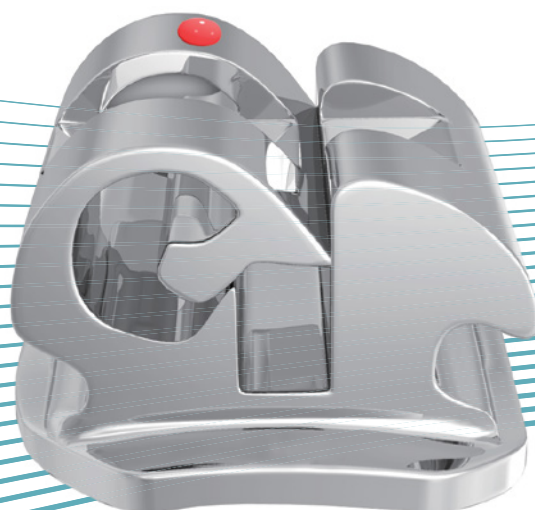
DL390137
DL390138



DL390190
DL390191



03 | Brackets



WAVE SL®

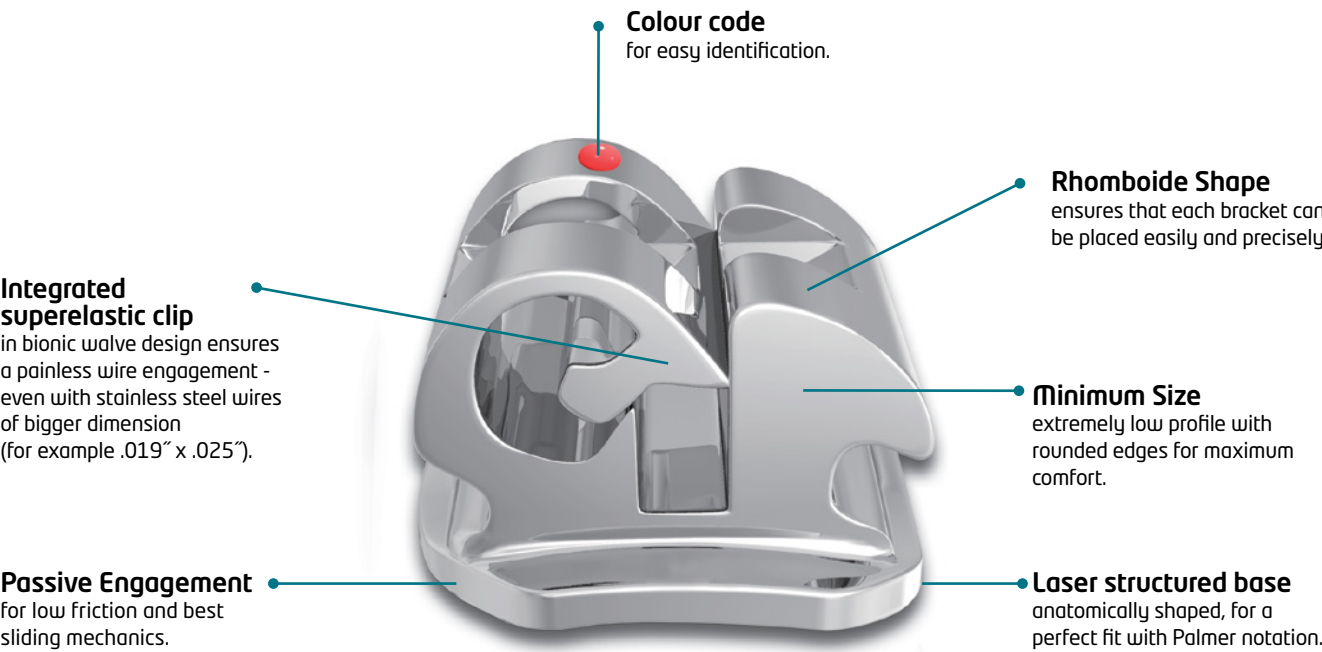
The first selfligating one-piece bracket, completely made of NiTi

Just click and treat

Wave SL® - the new passive self-ligating NiTi bracket from dentalline® ensures such a simple handling that the engagement of the wire becomes a child's play. Wave SL® has a special superelastic clip which presses the wire with only a click in the slot and holds it securely in place. An opening of the clip to engage the archwire is no longer necessary. Just click and treat.

Easy to use

The clip in bionic valve design is perfectly integrated in the tie-wings of the one-piece Wave SL® bracket. Deformation or spontaneously opening of the clip can be avoided from the beginning. The removing of the wire is also easy to realize by means of the special wire removing plier.



Brackets Identification



Lower Anteriors - No markings

Wave SL® NiTi Bracket - Roth

Roth .018"

no hook	DL281015	DL281014	DL281013	DL281012	DL281011	DL281021	DL281022	DL281023	DL281024	DL281025
with hook	DL281015H	DL281014H	DL281013H	-	-	-	-	DL281023H	DL281024H	DL281025H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	2,8	2,8	2,8	2,6	3,0	3,0	2,6	2,8	2,8	2,8
Torque	- 7°	- 7°	- 2°	8°	12°	12°	8°	- 2°	- 7°	- 7°
Angulation	0°		11°	9°	5°	5°	9°	11°	0°	

Angulation	- 1°	- 1°	7°	0°	
Torque	- 22°	- 17°	- 11°	- 1°	
M/D in mm	2,8	2,8	2,8	2,5	2,5
Tooth	5	4	3	2	1
with hook	DL281045H	DL281044H	DL281043H	-	
no hook	DL281045	DL281044	DL281043	DL281031	

DL281021	DL281022	DL281023	DL281024	DL281025
-	-	DL281023H	DL281024H	DL281025H
1	2	3	4	5
3,0	2,6	2,8	2,8	2,8
12°	8°	- 2°	- 7°	- 7°
5°	9°	11°	0°	

0°		7°	- 1°	- 1°
- 1°		- 11°	- 17°	- 22°
3,0	2,6	2,8	2,8	2,8
1	2	3	4	5
-		DL281033H	DL281034H	DL281035H
DL281031		DL281033	DL281034	DL281035

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL281050
hooks on 3	1	DL281051
hooks on 3,4,5	1	DL281053



Starter Kit

	5 Sets U/L	Order No.
1 Typodont with Brackets, 5 Sets Brackets, 5 Upper / 5 Lower Starter Wires Thermally Plus .014" pre-stopped, 1 Wire removing Plier	no hooks	DL281090
	hooks on 3	DL281091
	hooks on 3,4,5	DL281092

Roth .022"

no hook	DL281415	DL281414	DL281413	DL281412	DL281411	DL281421	DL281422	DL281423	DL281424	DL281425
with hook	DL281415H	DL281414H	DL281413H	-	-	-	-	DL281423H	DL281424H	DL281424H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	2,8	2,8	2,8	2,6	3,0	3,0	2,6	2,8	2,8	2,8
Torque	- 7°	- 7°	- 2°	8°	12°	12°	8°	- 2°	- 7°	- 7°
Angulation	0°		11°	9°	5°	5°	9°	11°	0°	

Angulation	- 1°	- 1°	7°	0°	
Torque	- 22°	- 17°	- 11°	- 1°	
M/D in mm	2,8	2,8	2,8	2,5	2,5
Tooth	5	4	3	2	1
with hook	DL281445H	DL281444H	DL281443H	-	
no hook	DL281445	DL281444	DL281443	DL281431	

0°		7°	- 1°	- 1°
- 1°		- 11°	- 17°	- 22°
2,5	2,5	2,8	2,8	2,8
1	2	3	4	5
-		DL281433H	DL281434H	DL281435H
DL281431		DL281433	DL281434	DL281435

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL281450
hooks on 3	1	DL281451
hooks on 3,4,5	1	DL281453

Starter Kit

Beschreibung	5 Sets U/L	Order No.
1 Typodont with Brackets, 5 Sets Brackets, 5 Upper / 5 Lower Starter Wires Thermally Plus .014" pre-stopped, 1 Wire removing Plier	no hooks	DL281490
	hooks on 3	DL281491
	hooks on 3,4,5	DL281493

Wave SL® NiTi Bracket - MBT*

MBT* .018"

no hook	DL281315	DL281314	DL281313	DL281312	DL281311
with hook	DL281315H	DL281314H	DL281313H	-	-
Tooth	5	4	3	2	1
M/D in mm	2,8	2,8	2,8	2,6	3,0
Torque	- 7°	- 7°	- 7°	10°	17°
Angulation	0°		8°	8°	4°

Angulation	2°	2°	3°	0°	
Torque	- 17°	- 12°	- 6°	- 6°	
M/D in mm	2,8	2,8	2,8	2,5	2,5
Tooth	5	4	3	2	1
with hook	DL281345H	DL281344H	DL281343H	-	
no hook	DL281345	DL281344	DL281343	DL281331	

DL281321	DL281322	DL281323	DL281324	DL281325
-	-	DL281323H	DL281324H	DL281325H
1	2	3	4	5
3,0	2,6	2,8	2,8	2,8
17°	10°	- 7°	- 7°	- 7°
4°	8°	8°	0°	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL281350
hooks on 3	1	DL281351
hooks on 3,4,5	1	DL281353

Starter Kit

	5 Sets U/L	Order No.
1 Typodont with Brackets, 5 Sets Brackets, 5 Upper / 5 Lower Starter Wires Thermally Plus .014" pre-stopped, 1 Wire-removing plier	no hooks	DL281390
	hooks on 3	DL281391
	hooks on 3,4,5	DL281393

MBT* .022"

no hook	DL281115	DL281114	DL281113	DL281112	DL281111
with hook	DL281115H	DL281114H	DL281113H	-	-
Tooth	5	4	3	2	1
M/D in mm	2,8	2,8	2,8	2,6	3,0
Torque	- 7°	- 7°	- 7°	10°	17°
Angulation	0°		8°	8°	4°

Angulation	2°	2°	3°	0°	
Torque	- 17°	- 12°	- 6°	- 6°	
M/D in mm	2,8	2,8	2,8	2,5	2,5
Tooth	5	4	3	2	1
with hook	DL281145H	DL281144H	DL281143H	-	
no hook	DL281145	DL281144	DL281143	DL281131	

DL281121	DL281122	DL281123	DL281124	DL281125
-	-	DL281123H	DL281124H	DL281125H
1	2	3	4	5
3,0	2,6	2,8	2,8	2,8
17°	10°	- 7°	- 7°	- 7°
4°	8°	8°	0°	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL281150
hooks on 3	1	DL281151
hooks on 3,4,5	1	DL281153

Starter Kit

	5 Sets U/L	Order No.
1 Typodont with Brackets, 5 Sets Brackets, 5 Upper / 5 Lower Starter Wires Thermally Plus .014" pre-stopped, 1 Wire-removing plier	no hooks	DL281190
	hooks on 3	DL281191
	hooks on 3,4,5	DL281193

Wire-removing plier - Wave SL®

- For disengagement the wire
- The plier can either be placed gingival or occlusal to the bracket

	Package Contains	Order Number
Especially for Wave SL	1	DL700025



*MBT is a registered trademark of 3M UNITEK.

NiTi Click

NiTi-Click SL

NiTi Bracket

Integrated superelastic NiTi clip

Opening or closing a spring clip or slide mechanism is not required. A gentle pressing and clicking is all you need for a comfortable insertion of the wire in the slot.

Traditional twin wing bracket design

The twin wing bracket design ensures easy handling and precise bracket placement.

Quicker, better and more predictable results

The one-piece NiTi bracket construction enables the delivery of optimum and continuous forces during the whole therapeutic phase without any deformations. Furthermore a quick tooth movement is assured with maximal control.

Best patient comfort

The extremely smooth and rounded bracket and its low profile design ensure a maximum comfort. Due to its low friction slide mechanism and the force stabilizer effect of the NiTi material the NiTi-Click SL Bracket guarantees the delivery of gentle and continuous forces. Thus a more comfortable treatment for the patient is achieved.

Optimal oral hygiene

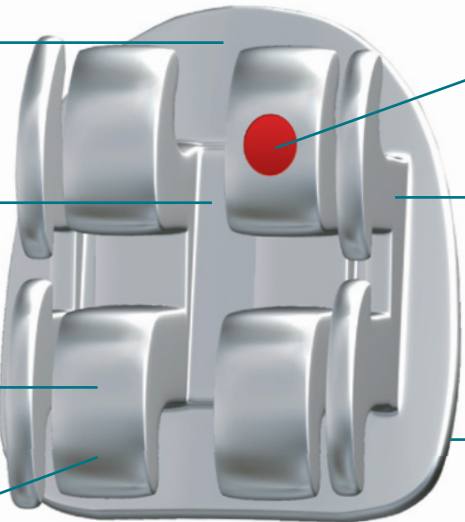
The simple bracket design with rounded edges, the extremely smooth surface and the central recess in the clip ensure an optimal oral hygiene.

Simple, effective design and precise engineering

One-piece NiTi bracket construction
no deformation at all during the whole treatment

Extremely low profile
rounded edges for maximum patient comfort, minimum bracket size

Traditional twin wing bracket design
for easy handling and precise bracket placement



Color code Identification ensures an easy identification

Integrated superelastic Clip
for gentle painless wire engagement (including Stainless Steel wire .019" x .025")

Laser structured base
anatomically shaped for perfect fit, with Palmer notation

Brackets Identification



Lower Anteriors - No markings

NiTi Click - Roth

Roth .018"

no hook	DL280015	DL280014	DL280013	DL280012	DL280011	DL280021	DL280022	DL280023	DL280024	DL280025
with hook	DL280015H	DL280014H	DL280013H	-	-	-	-	DL280023H	DL280024H	DL280025H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	3,1	3,1	3,1	2,7	3,1	3,1	2,7	3,1	3,1	3,1
Torque	- 7°	- 7°	- 2°	8°	12°	12°	8°	- 2°	- 7°	- 7°
Angulation	0°		11°	9°	5°	5°	9°	11°	0°	
Angulation	- 1°	- 1°	7°	0°		0°		7°	- 1°	- 1°
Torque	- 22°	- 17°	- 11°	- 1°		- 1°		- 11°	- 17°	- 22°
M/D in mm	3,1	3,1	3,1	2,5	2,5	2,5	2,5	3,1	3,1	3,1
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL280045H	DL280044H	DL280043H	-		-		DL280033H	DL280034H	DL280035H
no hook	DL280045	DL280044	DL280043	DL280031		DL280031		DL280033	DL280034	DL280035

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL280050
hooks on 3	1	DL280051
hooks on 3,4,5	1	DL280053

Roth .022"

no hook	DL280415	DL280414	DL280413	DL280412	DL280411	DL280421	DL280422	DL280423	DL280424	DL280425
with hook	DL280415H	DL280414H	DL280413H	-	-	-	-	DL280423H	DL280424H	DL280425H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	3,1	3,1	3,1	2,7	3,1	3,1	2,7	3,1	3,1	3,1
Torque	- 7°	- 7°	- 2°	8°	12°	12°	8°	- 2°	- 7°	- 7°
Angulation	0°		11°	9°	5°	5°	9°	11°	0°	
Angulation	- 1°	- 1°	7°	0°		0°		7°	- 1°	- 1°
Torque	- 22°	- 17°	- 11°	- 1°		- 1°		- 11°	- 17°	- 22°
M/D in mm	3,1	3,1	3,1	2,5	2,5	2,5	2,5	3,1	3,1	3,1
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL280445H	DL280444H	DL280443H	-		-		DL280433H	DL280434H	DL280435H
no hook	DL280445	DL280444	DL280443	DL280431		DL280431		DL280433	DL280434	DL280435

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL280450
hooks on 3	1	DL280451
hooks on 3,4,5	1	DL280453

NiTi Click - MBT*

MBT* .018"

no hook	DL280315	DL280314	DL280313	DL280312	DL280311	DL280321	DL280322	DL280323	DL280324	DL280325
with hook	DL280315H	DL280314H	DL280313H	-	-	-	-	DL280323H	DL280324H	DL280325H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	3,1	3,1	3,1	2,7	3,1	3,1	2,7	3,1	3,1	3,1
Torque	- 7°	- 7°	- 7°	10°	17°	17°	10°	- 7°	- 7°	- 7°
Angulation	0°		8°	8°	4°	4°	8°	8°	0°	
Angulation	2°	2°	3°	0°		0°		3°	2°	- 2°
Torque	- 17°	- 12°	- 6°	- 6°		- 6°		- 6°	- 12°	- 17°
M/D in mm	3,1	3,1	3,1	2,5	2,5	2,5	2,5	3,1	3,1	3,1
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL280345H	DL280344H	DL280343H	-		-		DL280333H	DL280334H	DL280335H
no hook	DL280345	DL280344	DL280343	DL280331		DL280331		DL280333	DL280334	DL280335

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL280350
hooks on 3	1	DL280351
hooks on 3,4,5	1	DL280353

MBT* .022"

no hook	DL280115	DL280114	DL280113	DL280112	DL280111	DL280121	DL280122	DL280123	DL280124	DL280125
with hook	DL280115H	DL280114H	DL280113H	-	-	-	-	DL280123H	DL280124H	DL280125H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	3,1	3,1	3,1	2,7	3,1	3,1	2,7	3,1	3,1	3,1
Torque	- 7°	- 7°	- 7°	10°	17°	17°	10°	- 7°	- 7°	- 7°
Angulation	0°		8°	8°	4°	4°	8°	8°	0°	
Angulation	2°	2°	3°	0°		0°		3°	2°	- 2°
Torque	- 17°	- 12°	- 6°	- 6°		- 6°		- 6°	- 12°	- 17°
M/D in mm	3,1	3,1	3,1	2,5	2,5	2,5	2,5	3,1	3,1	3,1
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL280145H	DL280144H	DL280143H	-		-		DL280133H	DL280134H	DL280135H
no hook	DL280145	DL280144	DL280143	DL280131		DL280131		DL280133	DL280134	DL280135

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL280150
hooks on 3	1	DL280151
hooks on 3,4,5	1	DL280153

*MBT is a registered trademark of 3M UNITEK.

NiTi Click - Bioprogressiv

Brachyfacial .018"

no hook	DL280715	DL280714	DL280713	DL280712	DL280711
with hook	DL280715H	DL280714H	DL280713H	-	-
Tooth	<div>5</div>	<div>4</div>	<div>3</div>	<div>2</div>	<div>1</div>
M/D in mm	3,1	3,1	3,1	2,7	3,1
Torque	0°		7°	14°	22°
Angulation	0°		10°	8°	5°

Angulation	0°	0°	5°	0°	
Torque	- 20°	- 15°	7°	- 1°	
M/D in mm	3,1	3,1	3,1	2,5	2,5
Tooth	<div>5</div>	<div>4</div>	<div>3</div>	<div>2</div>	<div>1</div>
with hook	DL280745H	DL280744H	DL280743H	-	
no hook	DL280745	DL280744	DL280743	DL280731	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL280750
hooks on 3	1	DL280751
hooks on 3,4,5	1	DL280753

Mesofacial .018"

no hook	DL280715	DL280714	DL280813	DL280812	DL280811
with hook	DL280715H	DL280714H	DL280813H	-	
Tooth	<div>5</div>	<div>4</div>	<div>3</div>	<div>2</div>	<div>1</div>
M/D in mm	3,1	3,1	3,1	2,7	3,1
Torque	0°		7°	10°	17°
Angulation	0°	0°	10°	8°	5°

Angulation	0°	0°	5°	0°	
Torque	- 20°	- 15°	7°	- 1°	
M/D in mm	3,1	3,1	3,1	2,5	2,5
Tooth	<div>5</div>	<div>4</div>	<div>3</div>	<div>2</div>	<div>1</div>
with hook	DL280745H	DL280744H	DL280843H	-	
no hook	DL280745	DL280744	DL280843	DL280731	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL280850
hooks on 3	1	DL280851
hooks on 3,4,5	1	DL280853

DL280721	DL280722	DL280723	DL280724	DL280725
-	-	DL280723H	DL280724H	DL280725H
<div>1</div>	<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>
3,1	2,7	3,1	3,1	3,1
22°	14°	7°	0°	
5°	8°	10°	0°	

0°		5°	0°	0°
- 1°		7°	- 15°	- 20°
2,5	2,5	3,1	3,1	3,1
<div>1</div>	<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>
-		DL280733H	DL280734H	DL280735H
DL280731		DL280733	DL280734	DL280735

Dolichofacial .018"

no hook	DL280715	DL280714	DL280913	DL280912	DL280911
with hook	DL280715H	DL280714H	DL280913H	-	-
Tooth	<div>5</div>	<div>4</div>	<div>3</div>	<div>2</div>	<div>1</div>
M/D in mm	3,1	3,1	3,1	2,7	3,1
Torque	0°		0°	7°	14°
Angulation	0°		6°	8°	5°

Angulation	0°	0°	5°	0°	
Torque	- 20°	- 15°	7°	- 1°	
M/D in mm	3,1	3,1	3,1	2,5	2,5
Tooth	<div>5</div>	<div>4</div>	<div>3</div>	<div>2</div>	<div>1</div>
with hook	DL280745H	DL280744H	DL280943H	-	
no hook	DL280745	DL280744	DL280943	DL280731	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL280950
hooks on 3	1	DL280951
hooks on 3,4,5	1	DL280953

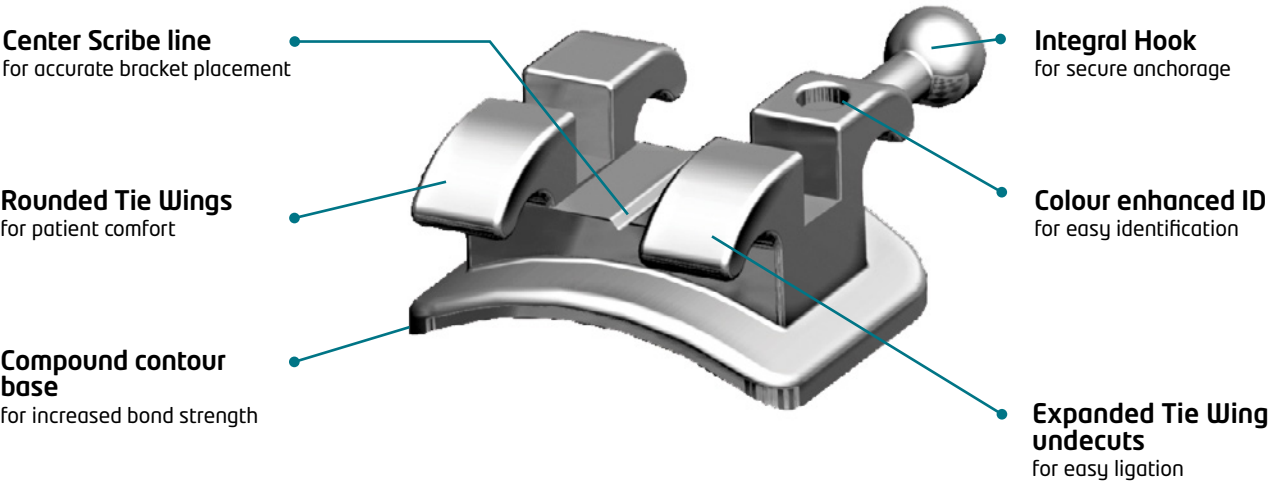
Wire removing plier - NiTi Click SL

	Package Contains	Order Number
Especially for NiTi Click	1	DL700026



Copolla 2.0

MIM Bracket



Bracket Identification



Lower Anteriors - No Markings

Copolla 2.0 - Roth

Roth .018"

no hook	DL271015	DL271014	DL271013	DL271012	DL271011
with hook	DL271015H	DL271014H	DL271013H	-	-
Tooth	5	4	3	2	1
M/D in mm	2,8	2,8	2,8	2,8	3,2
Torque	- 7°		0°	8°	12°
Angulation	0°		11°	9°	5°

Angulation	0°		5°	0°	
Torque	-22°	-17°	-11°	0°	
M/D in mm	2,8	2,8	2,8	2,3	
Tooth	5	4	3	2	1
with hook	DL271045H	DL271044H	DL271043H	-	
no hook	DL271045	DL271044	DL271043	DL271031	

DL271021	DL271022	DL271023	DL271024	DL271025
-	-	DL271023H	DL271024H	DL271025H
1	2	3	4	5
3,2	2,8	2,8	2,8	2,8
12°	8°	0°	- 7°	
5°	9°	11°	0°	

0°		5°	0°	
0°		-11°	-17°	-22°
2,3		2,8	2,8	2,8
1	2	3	4	5
-		DL271033H	DL271034H	DL271035H
DL271031		DL271033	DL271034	DL271035

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL271050
hooks on 3	1	DL271051
hooks on 3,4,5	1	DL271053

Roth .022"

no hook	DL271415	DL271414	DL271413	DL271412	DL271411
with hook	DL271415H	DL271414H	DL271413H	-	-
Tooth	5	4	3	2	1
M/D in mm	2,8	2,8	2,8	2,8	3,2
Torque	-7°		0°	8°	12°
Angulation	0°		11°	9°	5°

Angulation	0°		5°	0°	
Torque	- 22°	- 17°	- 11°	0°	
M/D in mm	2,8	2,8	2,8	2,3	
Tooth	5	4	3	2	1
with hook	DL271445H	DL271444H	DL271443H	-	
no hook	DL271445	DL271444	DL271443	DL271431	

DL271421	DL271422	DL271423	DL271424	DL271425
-	-	DL271423H	DL271424H	DL271425H
1	2	3	4	5
3,2	2,8	2,8	2,8	2,8
12°	8°	0°	-7°	
5°	9°	11°	0°	

0°		5°	0°	
0°		- 11°	- 17°	- 22°
2,3		2,8	2,8	2,8
1	2	3	4	5
-		DL271433H	DL271434H	DL271435H
DL271431		DL271433	DL271434	DL271435

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL271450
hooks on 3	1	DL271451
hooks on 3,4,5	1	DL271453

Copolla 2.0 - MBT*

MBT* .018"

no hook	DL271315	DL271314	DL271313	DL271312	DL271311	DL271321	DL271322	DL271323	DL271324	DL271325
with hook	DL271315H	DL271314H	DL271313H	-	-	-	-	DL271323H	DL271324H	DL271325H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	2,8	2,8	2,8	2,8	3,2	3,2	2,8	2,8	2,8	2,8
Torque	- 7°		- 7°	10°	17°	17°	10°	- 7°	- 7°	
Angulation	0°		8°	8°	4°	4°	8°	8°	0°	
Angulation	0°		3°	0°		0°	3°		0°	
Torque	- 17°	- 12°	- 6°	- 6°		- 6°	- 6°	- 12°	- 17°	
M/D in mm	2,8	2,8	2,8	2,3		2,3	2,8	2,8	2,8	
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL271345H	DL271344H	DL271343H	-		-	DL271333H		DL271334H	DL271335H
no hook	DL271345	DL271344	DL271343	DL271331		DL271331	DL271333	DL271334	DL271335	

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL271350
hooks on 3	1	DL271351
hooks on 3,4,5	1	DL271353

MBT* .022"

no hook	DL271115	DL271114	DL271113	DL271112	DL271111	DL271121	DL271122	DL271123	DL271124	DL271125
with hook	DL271115H	DL271114H	DL271113H	-	-	-	-	DL271123H	DL271124H	DL271125H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	2,8	2,8	2,8	2,8	3,2	3,2	2,8	2,8	2,8	2,8
Torque	- 7°		- 7°	10°	17°	17°	10°	- 7°	- 7°	
Angulation	0°		8°	8°	4°	4°	8°	8°	0°	
Angulation	0°		3°	0°		0°	3°		0°	
Torque	- 17°	- 12°	- 6°	- 6°		- 6°	- 6°	- 12°	- 17°	
M/D in mm	2,8	2,8	2,8	2,3		2,3	2,8	2,8	2,8	
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL271145H	DL271144H	DL271143H	-		-	DL271133H		DL271134H	DL271135H
no hook	DL271145	DL271144	DL271143	DL271131		DL271131	DL271133	DL271134	DL271135	

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL271150
hooks on 3	1	DL271151
hooks on 3,4,5	1	DL371153

*MBT is a registered trademark of 3M UNITEK.

Copolla 2.0 - Standard Edgewise

Standard Edgewise .018"

no hook	DL271515	DL271514	DL271513	DL271512	DL271511	DL271521	DL271522	DL271523	DL271524	DL271525
with hook	DL271515H	DL271514H	DL271513H	-	-	-	-	DL271523H	DL271524H	DL271525H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	2,6	2,6	2,8	2,6	2,8	2,8	2,6	2,8	2,6	2,6
Torque	0°					0°				
Angulation	0°					0°				
Angulation	0°					0°				
Torque	0°					0°				
M/D in mm	2,6	2,6	2,8	2,3		2,3	2,8	2,6	2,6	
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL271545H	DL271544H	DL271543H	-		-	DL271533H		DL271534H	DL271535H
no hook	DL271545	DL271544	DL271543	DL271531		DL271531	DL271533	DL271534	DL271535	

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL271550
hooks on 3	1	DL271551
hooks on 3,4,5	1	DL271553

Standard Edgewise .022"

no hook	DL271215	DL271214	DL271213	DL271212	DL271211	DL271221	DL271222	DL271223	DL271224	DL271225
with hook	DL271215H	DL271214H	DL271213H	-	-	-	-	DL271223H	DL271224H	DL271225H
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	2,6	2,6	2,8	2,6	2,8	2,8	2,6	2,8	2,6	2,6
Torque	0°					0°				
Angulation	0°					0°				
Angulation	0°					0°				
Torque	0°					0°				
M/D in mm	2,6	2,6	2,8	2,3		2,3	2,8	2,6	2,6	
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL271245H	DL271244H	DL271243H	-		-	DL271233H		DL271234H	DL271235H
no hook	DL271245	DL271244	DL271243	DL271231		DL271231	DL271233	DL271234	DL271235	

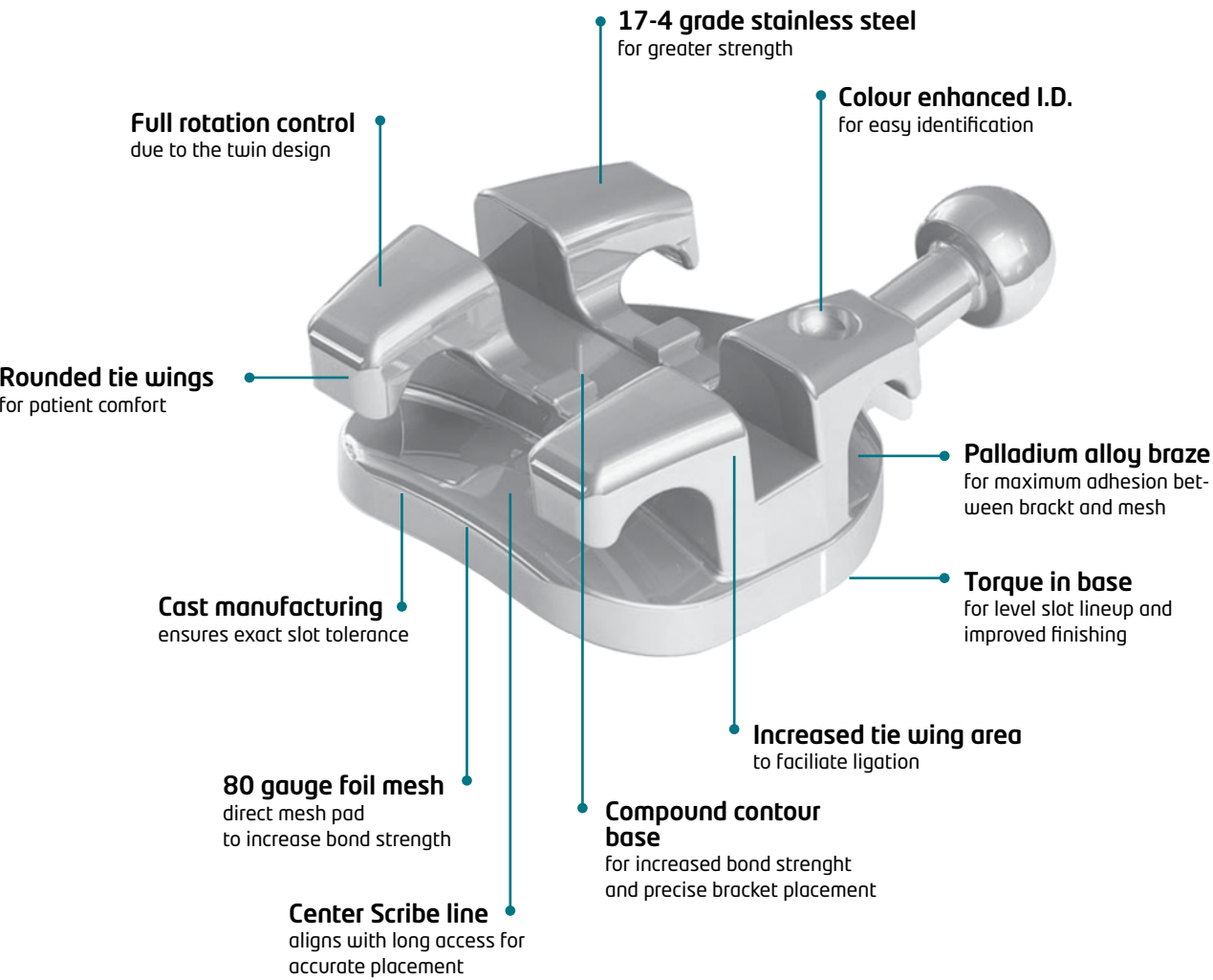
Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL271250
hooks on 3	1	DL271251
hooks on 3,4,5	1	DL271253

CENTAURI

MIM Bracket



Centauri - Roth

Roth .018"

no hook	DL250015	DL250014	DL250013	DL250012	DL250011
with hook	DL250015H	DL250014H	DL250013H	-	-
Tooth	5	4	3	2	1
M/D in mm	3,3	3,3	3,5	3,0	3,9
Torque	-7°	-7°	0°	8°	12°
Angulation	0°		11°	9°	5°

Angulation	0°		5°	0°	
Torque	-22°	-17°	-11°	0°	
M/D in mm	3,3	3,3	3,5	2,5	
Tooth	5	4	3	2	1
with hook	DL250045H	DL250044H	DL250043H	-	
no hook	DL250045	DL250044	DL250043	DL250031	

DL250021	DL250022	DL250023	DL250024	DL250025
-	-	DL250023H	DL250024H	DL250025H
1	2	3	4	5
3,9	3,0	3,5	3,3	3,3
12°	8°	0°	-7°	-7°
5°	9°	11°	0°	

0°		5°	0°	
0°		-11°	-17°	-22°
2,5		3,5	3,3	3,3
1	2	3	4	5
-		DL250033H	DL250034H	DL250035H
DL250031		DL250033	DL250034	DL250035

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL250050
hooks on 3	1	DL250051
hooks on 3,4,5	1	DL250053

Roth .022"

no hook	DL250415	DL250414	DL250413	DL250412	DL250411
with hook	DL250415H	DL250414H	DL250413H	-	-
Tooth	5	4	3	2	1
M/D in mm	3,3	3,3	3,5	3,0	3,9
Torque	-7°	-7°	0°	8°	12°
Angulation	0°		11°	9°	5°

Angulation	0°	0°	5°	0°	
Torque	-22°	-17°	-11°	0°	
M/D in mm	3,3	3,3	3,5	2,5	
Tooth	5	4	3	2	1
with hook	DL250445H	DL250444H	DL250443H	-	
no hook	DL250445	DL250444	DL250443	DL250431	

DL250421	DL250422	DL250423	DL250424	DL250425
-	-	DL250423H	DL250424H	DL250425H
1	2	3	4	5
3,9	3,0	3,5	3,3	3,3
12°	8°	0°	-7°	-7°
5°	9°	11°	0°	

0°		5°	0°	0°
0°		-11°	-17°	-22°
2,5		3,5	3,3	3,3
1	2	3	4	5
-		DL250433H	DL250434H	DL250435H
DL250431		DL250433	DL250434	DL250435

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL250450
hooks on 3	1	DL250451
hooks on 3,4,5	1	DL250453

Centauri - Ricketts®

Ricketts® .018"

no hook	DL250614		DL250613	DL250612	DL250611
with hook	DL250614H		DL250613H	-	-
Tooth	5	4	3	2	1
M/D in mm	3,3		3,5	3,0	3,9
Torque	0°		7°	14°	22°
Angulation	0°		5°	9°	5°

Angulation	0°		5°	0°	
Torque	- 17°	0°	7°	0°	
M/D in mm	3,3	3,3	3,5	2,5	
Tooth	5	4	3	2	1
with hook	DL250645H	DL250644H	DL250643H	-	
no hook	DL250645	DL250644	DL250643	DL250642	DL250641

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL250650
hooks on 3	1	DL250651
hooks on 3,4,5	1	DL250653

DL250621	DL250622	DL250623	DL250624	DL250624
-	-	DL250623H	DL250624H	DL250624H
1	2	3	4	5
3,9	3,0	3,5	3,3	
22°	14°	7°	0°	
5°	9°	5°	0°	

0°		5°	0°	
0°		7°	0°	- 17°
2,5		3,5	3,3	3,3
1	2	3	4	5
-		DL250633H	DL250634H	DL250635H
DL250631	DL250632	DL250633	DL250634	DL250635

Aesthetic Brackets
Ceramic

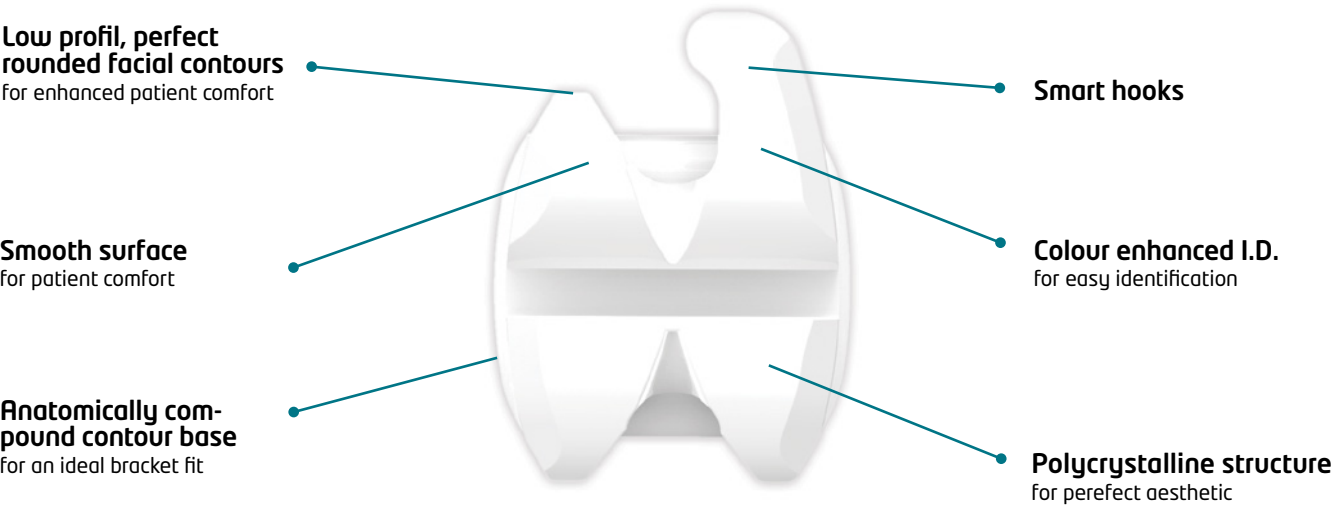
Virgine
Ceramic Bracket

Mechanical performance

- One-body manufacturing injection process solves the problem of brittleness and breakage and guarantees the precise slot.
- Undercut mesh in base enables optimal bonding strength and easy debonding.

Physical characteristics

- High breakage resistance and torque strength are achieved from the dense polycrystalline structure.
- Good biocompatibility, colour stability and no discolouration.



What patients will find:

- **Aesthetics**
A more transparent and invisible appearance.
- **Comfortable**
Smooth surface, lower profile, smart hooks and perfect rounded facial contours enhance comfort.

What orthodontists will find:

- **Easy identification**
Colour-mark on the gingival distal tie-wings identify the four quadrants. FDI notations in the base for accurate placement on the right tooth.
- **Accurate placement**
Anatomically contour-compound base for fast and accurate fit.

Virgine - Roth

Roth .018"

no hook	GE210015	GE210014	GE210013	GE210012	GE210011
with hook	GE210015H	GE210014H	GE210013H	-	
Tooth	5	4	3	2	1
M/D in mm	4,1	4,1	4,2	3,6	4,2
Torque	- 7°		0°	8°	12°
Angulation	0°		10°	8°	4°

Angulation	0°		5°	0°	
Torque	- 22°	- 17°	- 11°	- 1°	
M/D in mm	4,1	4,1	4,1	3,2	
Tooth	5	4	3	2	1
with hook	GE210045H	GE210044H	GE210043H	-	
no hook	GE210045	GE210044	GE210043	GE210031	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	GE210050
hooks on 3	1	GE210051
hooks on 3,4,5	1	GE210053

Roth .022"

no hook	GE210415	GE210414	GE210413	GE210412	GE210411
with hook	GE210415H	GE210414H	GE210413H	-	
Tooth	5	4	3	2	1
M/D in mm	4,1	4,1	4,2	3,6	4,2
Torque	- 7°		0°	8°	12°
Angulation	0°		10°	8°	4°

Angulation	0°		5°	0°	
Torque	- 22°	- 17°	- 11°	- 1°	
M/D in mm	4,1	4,1	4,1	3,2	
Tooth	5	4	3	2	1
with hook	GE210445H	GE210444H	GE210443H	-	
no hook	GE210445	GE210444	GE210443	GE210431	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	GE210450
hooks on 3	1	GE210451
hooks on 3,4,5	1	GE210453

GE210021	GE210022	GE210023	GE210024	GE210025
-		GE210023H	GE210024H	GE210025H
1	2	3	4	5
4,2	3,6	4,2	4,1	4,1
12°	8°	0°	- 7°	
4°	8°	10°	0°	

0°		5°	0°	
- 1°	- 11°	- 17°	- 22°	
3,2	4,1	4,1	4,1	
1	2	3	4	5
-		GE210033H	GE210034H	GE210035H
GE210031		GE210033	GE210034	GE210035

Virgine - MBT*

MBT .018"

no hook	GE210315	GE210314	GE210313	GE210312	GE210311
with hook	GE210315H	GE210314H	GE210313H	-	
Tooth	5	4	3	2	1
M/D in mm	4,1	4,1	4,2	3,6	4,2
Torque	- 7°		0°	10°	17°
Angulation	0°		8°	8°	4°

Angulation	- 17°	- 12°	0°	- 6°	
Torque	0°		3°	0°	
M/D in mm	4,1	4,1	4,1	3,2	
Tooth	5	4	3	2	1
with hook	GE210345H	GE210344H	GE210343H	-	
no hook	GE210345	GE210344	GE210343	GE210331	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	GE210350
hooks on 3	1	GE210351
hooks on 3,4,5	1	GE210353

MBT .022"

no hook	GE210115	GE210114	GE210113	GE210112	GE210111
with hook	GE210115H	GE210114H	GE210113H	-	
Tooth	5	4	3	2	1
M/D in mm	4,1	4,1	4,2	3,6	4,2
Torque	- 7°		0°	10°	17°
Angulation	0°		8°	8°	4°

Angulation	0°		3°	0°	
Torque	- 17°	- 12°	0°	- 6°	
M/D in mm	4,1	4,1	4,1	3,2	
Tooth	5	4	3	2	1
with hook	GE210145H	GE210144H	GE210143H	-	
no hook	GE210145	GE210144	GE210143	GE210131	

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	GE210150
hooks on 3	1	GE210151
hooks on 3,4,5	1	GE210153

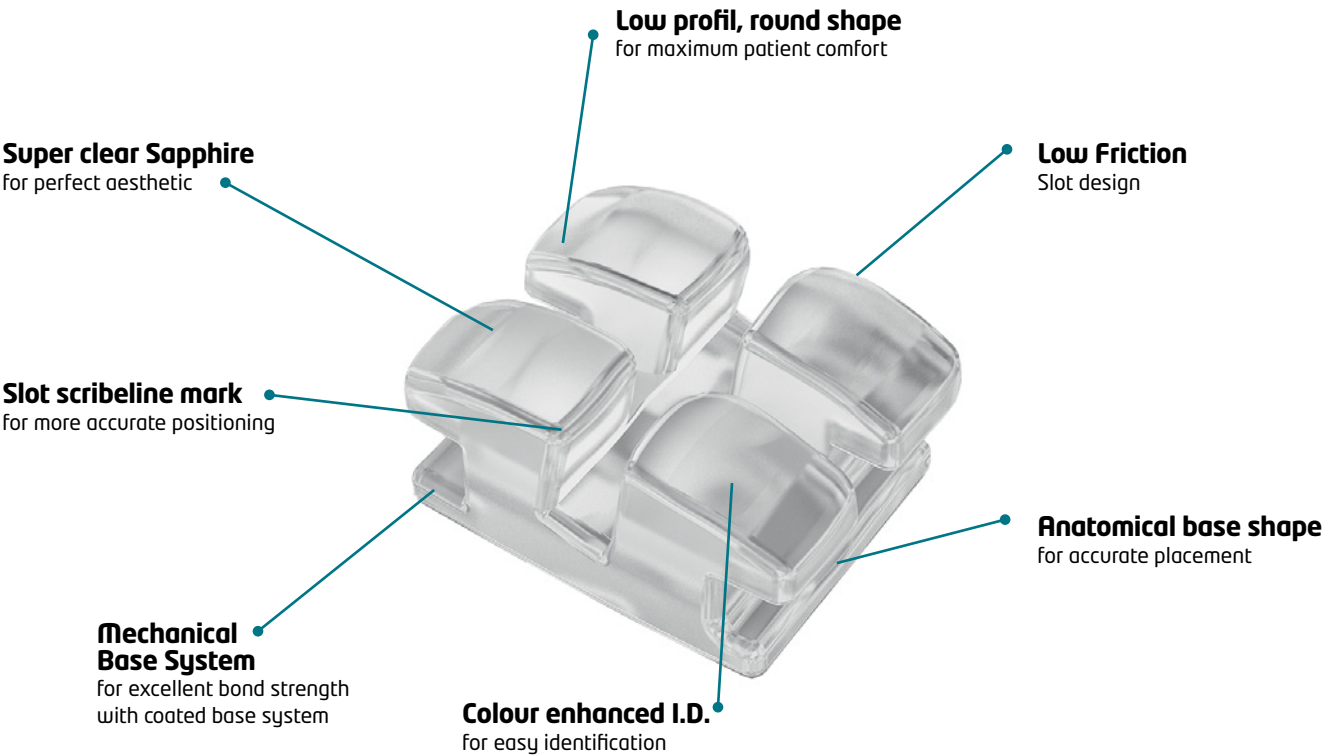
GE210321	GE210322	GE210323	GE210324	GE210325
-		GE210323H	GE210324H	GE210325H
1	2	3	4	5
4,2	3,6	4,2	4,1	4,1
17°	10°	0°	- 7°	
4°	8°	8°	0°	

- 6°		0°	- 12°	- 17°
0°		3°	0°	
3,2	4,1	4,1	4,1	
1	2	3	4	5
-		GE210333H	GE210334H	GE210335H
GE210331		GE210333	GE210334	GE210335

*MBT is a registered trademark of 3M UNITEK.

Absolute Mini

Sapphire Bracket



Absolute Mini Sapphire Bracket - Roth

Roth .018"

no hook	DL210015-M	DL210014-M	DL210013-M	DL210012-M	DL210011-M
with hook	DL210015H-M	DL210014H-M	DL210013H-M	-	-
Tooth	5	4	3	2	1
M/D in mm	3	3	3	2,8	3,2
Torque	-7°	-7°	0°	8°	12°
Angulation	0°		11°	9°	5°

Angulation	0°		5°	0°	
Torque	- 22°		- 17°	- 11°	
M/D in mm	3		3	2,7	
Tooth	5	4	3	2	1
with hook	DL210045H-M	DL210044H-M	DL210043H-M	-	
no hook	DL210045-M	DL210044-M	DL210043-M	DL210031-M	

DL210021-M	DL210022-M	DL210023-M	DL210024-M	DL210025-M
-	-	DL210023H-M	DL210024H-M	DL210025H-M
1	2	3	4	5
3,2	2,8	3	3	3
12°	8°	0°	-7°	-7°
5°	9°	11°	0°	

0°		5°	0°	
0°		- 11°	- 17°	- 22°
2,7		3	3	3
1	2	3	4	5
-		DL210033H-M	DL210034H-M	DL210035H-M
DL210031-M		DL210033-M	DL210034-M	DL210035-M

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL210050-M
hooks on 3	1	DL210051-M
hooks on 3,4,5	1	DL210053-M

Roth .022"

no hook	DL210415-M	DL210414-M	DL210413-M	DL210412-M	DL210411-M
with hook	DL210415H-M	DL210414H-M	DL210413H-M	-	-
Tooth	5	4	3	2	1
M/D in mm	3	3	3	2,8	3,2
Torque	-7°	-7°	0°	8°	12°
Angulation	0°		11°	9°	5°

Angulation	0°		5°	0°	
Torque	- 22°		- 17°	- 11°	
M/D in mm	3		3	2,7	
Tooth	5	4	3	2	1
with hook	DL210445H-M	DL210444H-M	DL210443H-M	-	
no hook	DL210445-M	DL210444-M	DL210443-M	DL210431-M	

DL210421-M	DL210422-M	DL210423-M	DL210424-M	DL210425-M
-	-	DL210423H-M	DL210424H-M	DL210425H-M
1	2	3	4	5
3,2	2,8	3	3	3
12°	8°	0°	-7°	-7°
5°	9°	11°	0°	

0°		5°	0°	
0°		- 11°	- 17°	- 22°
2,7		3	3	3
1	2	3	4	5
-		DL210433H-M	DL210434H-M	DL210435H-M
DL210431-M		DL210433-M	DL210434-M	DL210435-M

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL210450-M
hooks on 3	1	DL210451-M
hooks on 3,4,5	1	DL210453-M

Absolute Mini Sapphire Bracket - MBT*

MBT* .018"

no hook	DL210315-M	DL210314-M	DL210313-M	DL210312-M	DL210311-M	DL210321-M	DL210322-M	DL210323-M	DL210324-M	DL210325-M
with hook	DL210315H-M	DL210314H-M	DL210313H-M	-	-	-	-	DL210323H-M	DL210324H-M	DL210325H-M
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	3	3	3	2,8	3,2	3,2	2,8	3	3	3
Torque	-7°	-7°	-7°	10°	17°	17°	10°	-7°	-7°	-7°
Angulation	0°		8°	8°	4°	4°	8°	8°	0°	

Angulation	2°		3°	0°		0°		3°	2°	
Torque	- 17°		- 12°	- 6°		-6°		- 6°	- 12°	
M/D in mm	3		3	3		2,7		3	3	
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL210345H-M	DL210344H-M	DL210343H-M	-		-		DL210333H-M	DL210334H-M	DL210335H-M
no hook	DL210345-M	DL210344-M	DL210343-M	DL210331-M		DL210331-M		DL210333-M	DL210334-M	DL210335-M

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL210350-M
hooks on 3	1	DL210351-M
hooks on 3,4,5	1	DL210353-M

MBT* .022"

no hook	DL210115-M	DL210114-M	DL210113-M	DL210112-M	DL210111-M	DL210121-M	DL210122-M	DL210123-M	DL210124-M	DL210125-M
with hook	DL210115H-M	DL210114H-M	DL210113H-M	-	-	-	-	DL210123H-M	DL210124H-M	DL210125H-M
Tooth	5	4	3	2	1	1	2	3	4	5
M/D in mm	3	3	3	2,8	3,2	3,2	2,8	3	3	3
Torque	-7°	-7°	-7°	10°	17°	17°	10°	-7°	-7°	-7°
Angulation	0°		11°	9°	5°	5°	9°	11°	0°	

Angulation	2°		3°	0°		0°		3°	2°	
Torque	- 17°		- 12°	- 6°		-6°		- 6°	- 12°	
M/D in mm	3		3	3		2,7		3	3	
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	DL210145H-M	DL210144H-M	DL210143H-M	-		-		DL210133H-M	DL210134H-M	DL210135H-M
no hook	DL210145-M	DL210144-M	DL210143-M	DL210131-M		DL210131-M		DL210133-M	DL210134-M	DL210135-M

Packs of 1

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL210150-M
hooks on 3	1	DL210151-M
hooks on 3,4,5	1	DL210153-M

*MBT is a registered trademark of 3M UNITEK.

Aesthetic Brackets
Composite

Composite Clear™

Composite Bracket



Clinical Benefits

- Use of High Tech Medical Grade material with
- high strength for accurate rotation control during treatment
- High material stability
- Torque Fracture resistance, better than PCA ceramic
- Maximum tie wing strength
- High abrasion resistance

Base Features

- Integrated compound in mould formed, mechanical locking Base
- excellent strong bond
- easy bonding and debonding

Sliding Mechanics

- Outstanding low friction forces for premium sliding mechanics compared to PCA Ceramic, fiber filled PC and PU Composites
- Full control of the treatment forces

Composite Clear™ Bracket - Roth

Roth .018"

ohne Haken	DL270015	DL270014	DL270013	DL270012	DL270011	DL270021	DL270022	DL270023	DL270024	DL270025
mit Haken	DL270015H	DL270014H	DL270013H	-	-	-	-	DL270023H	DL270024H	DL270025H
Zahn	5	4	3	2	1	1	2	3	4	5
Torque	-7°	-7°	-2°	8°	12°	12°	8°	-2°	-7°	-7°
Angulation	0°		8°	9°	5°	5°	9°	8°	0°	
Angulation	0°		5°	0°		0°		5°	0°	
Torque	-22°	-17°	-11°	0°		0°		-11°	-17°	-22°
Zahn	5	4	3	2	1	1	2	3	4	5
mit Haken	DL270045H	DL270044H	DL270043H	-		-	DL270033H		DL270034H	DL270035H
ohne Haken	DL270045	DL270044	DL270043	DL270031		DL270031	DL270033	DL270034	DL270035	

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL270050
hooks on 3	1	DL270051
hooks on 3,4,5	1	DL270053

Roth .022"

ohne Haken	DL270415	DL270414	DL270413	DL270412	DL270411	DL270421	DL270422	DL270423	DL270424	DL270425
mit Haken	DL270415H	DL270414H	DL270413H	-	-	-	-	DL270423H	DL270424H	DL270425H
Zahn	5	4	3	2	1	1	2	3	4	5
Torque	-7°	-7°	-2°	8°	12°	12°	8°	-2°	-7°	-7°
Angulation	0°		8°	9°	5°	5°	9°	8°	0°	
Angulation	0°		5°	0°		0°		5°	0°	
Torque	-22°	-17°	-11°	0°		0°		-11°	-17°	-22°
Zahn	5	4	3	2	1	1	2	3	4	5
mit Haken	DL270445H	DL270444H	DL270443H	-		-	DL270433H		DL270434H	DL270435H
ohne Haken	DL270445	DL270444	DL270443	DL270431		DL270431	DL270433	DL270434	DL270435	

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL270450
hooks on 3	1	DL270451
hooks on 3,4,5	1	DL270453

Composite Clear™ Bracket - MBT*

MBT* .018"

ohne Haken	DL270315	DL270314	DL270313	DL270312	DL270311	DL270321	DL270322	DL270323	DL270324	DL270325
mit Haken	DL270315H	DL270314H	DL270313H	-	-	-	-	DL270323H	DL270324H	DL270325H
Zahn	5	4	3	2	1	1	2	3	4	5
Torque	-7°	-7°	0°	10°	17°	17°	10°	0°	-7°	-7°
Angulation	0°		8°	8°	5°	5°	8°	8°	0°	
Angulation	2°		2°	3°	0°	0°		3°	2°	2°
Torque	-17°	-12°	0°	-6°		-6°		0°	-12°	-17°
Zahn	5	4	3	2	1	1	2	3	4	5
mit Haken	DL270345H	DL270344H	DL270343H	-		-	DL270333H		DL270334H	DL270335H
ohne Haken	DL270345	DL270344	DL270343	DL270331		DL270331	DL270333	DL270334	DL270335	

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL270350
hooks on 3	1	DL270351
hooks on 3,4,5	1	DL270353

MBT* .022"

ohne Haken	DL270115	DL270114	DL270113	DL270112	DL270111	DL270121	DL270122	DL270123	DL270124	DL270125
mit Haken	DL270115H	DL270114H	DL270113H	-	-	-	-	DL270123H	DL270124H	DL270125H
Zahn	5	4	3	2	1	1	2	3	4	5
Torque	-7°	-7°	0°	10°	17°	17°	10°	0°	-7°	-7°
Angulation	0°		8°	8°	5°	5°	8°	8°	0°	
Angulation	2°		3°	0°		0°		3°	2°	
Torque	-17°	-12°	0°	-6°		-6°		0°	-12°	-17°
Zahn	5	4	3	2	1	1	2	3	4	5
mit Haken	DL270145H	DL270144H	DL270143H	-		-	DL270133H		DL270134H	DL270135H
ohne Haken	DL270145	DL270144	DL270143	DL270131		DL270131	DL270133	DL270134	DL270135	

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL270150
hooks on 3	1	DL270151
hooks on 3,4,5	1	DL270153

*MBT is a registered trademark of 3M UNITEK.

Composite Clear™ Bracket - Bioprogressive

Bioprogressive .018"

no hook	DL270515	DL270514	DL270613	DL270612	DL270611	DL270621	DL270622	DL270623	DL270524	DL270525
with hook	-	-	DL270613H	-	-	-	-	DL270623H	-	-
Tooth	5	4	3	2	1	1	2	3	4	5
Torque	0°	0°	7°	14°	22°	22°	14°	7°	0°	0°
Angulation	0°		5°	9°	0°	0°	9°	5°	0°	
Angulation	0°		5°	0°		0°		5°	0°	
Torque	0°	-0°	7°	0°		0°		7°	0°	0°
Tooth	5	4	3	2	1	1	2	3	4	5
with hook	-	-	DL270643H	-		-		DL270633H	-	-
no hook	DL270545	DL270544	DL270643	DL270631		DL270631		DL270633	DL270634	DL270635

Packs of 10

Full Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL270650
hooks on 3	1	DL270651

Composite Clear™ Bracket - Standard Edgewise

Standard Edgewise .018"

no hook	DL270515	DL270514	DL270513	DL270512	DL270511	DL270521	DL270522	DL270523	DL270524	DL270525
Tooth	5	4	3	2	1	1	2	3	4	5
Torque	0°					0°				
Angulation	0°					0°				
Angulation	0°					0°				
Torque	0°					0°				
Tooth	5	4	3	2	1	1	2	3	4	5
no hook	DL270545	DL270544	DL270543	DL270531		DL270531		DL270533	DL270534	DL270535

Packs of 10

FFull Sets 5-5 Upper/Lower

	Package Contains	Order Number
no hooks	1	DL270550

Standard Edgewise .022"

no hook	DL270215	DL270214	DL270213	DL270212	DL270211	DL270221	DL270222	DL270223	DL270224	DL270225
Tooth	5	4	3	2	1	1	2	3	4	5
Torque	0°					0°				
Angulation	0°					0°				
Angulation	0°					0°				
Torque	0°					0°				
Tooth	5	4	3	2	1	1	2	3	4	5
no hook	DL270245	DL270244	DL270243	DL270231		DL270231		DL270233	DL270234	DL270235

Packs of 10

Full Sets 5-5 Upper/Lower

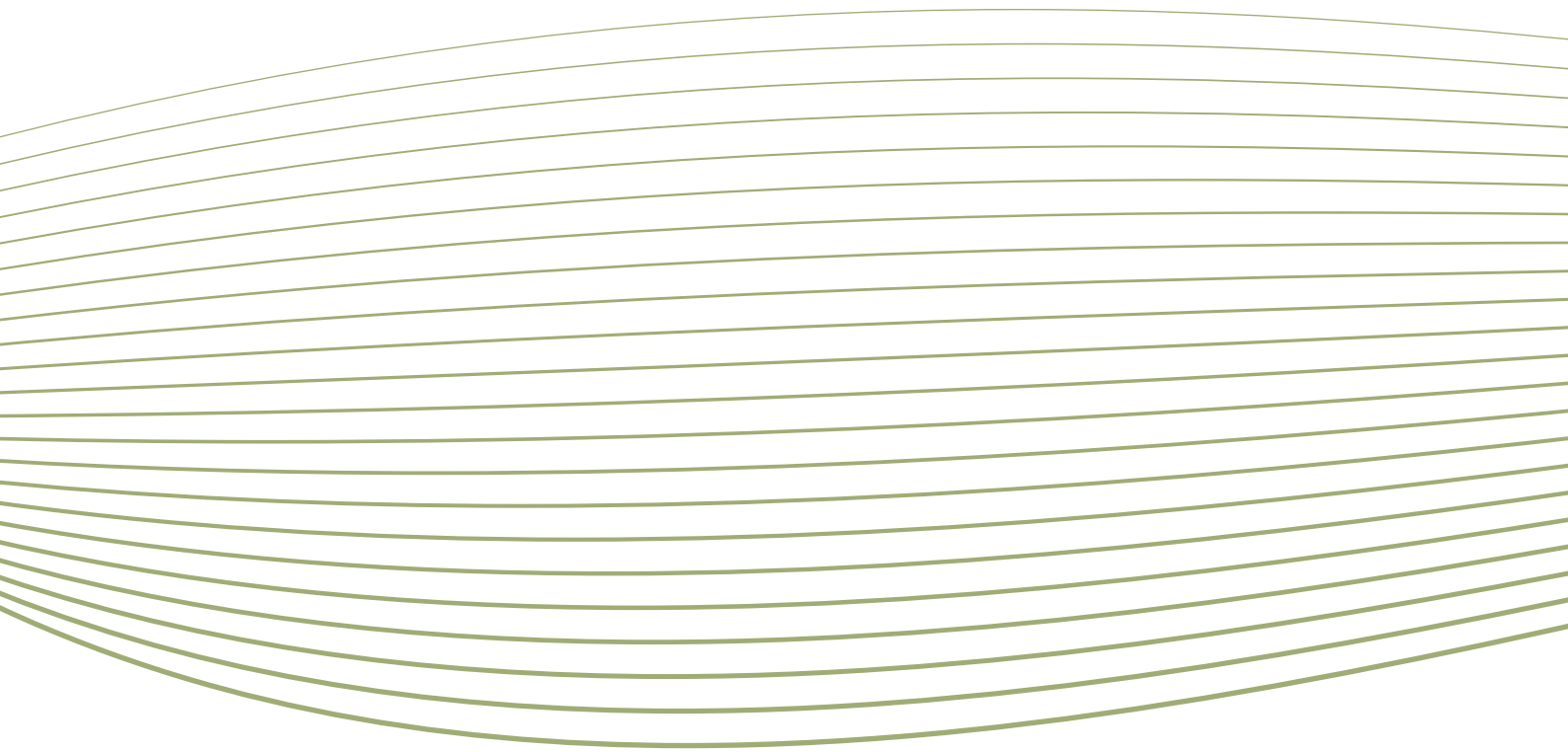
	Package Contains	Order Number
no hooks	1	DL270250

Accessories

Spikes

	Package Contains	Order Number
<ul style="list-style-type: none">• Eliminates detrimental forces• Discourages over-active muscle activity• For upper and lower arches• 80 Gauge mesh base• High Quality 17-4 Stainless Steel• Curved base perfect for lingual placement	10	DL500031





04 | Wire



General Informations

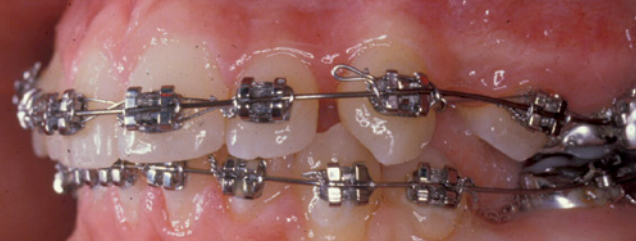
Adapted forces ...

One of the most important aspects of a successful multiband orthodontic treatment is the targeted, well dosed application of continuous forces. The more optimally the used force level complies with each treatment stage, the more controlled tooth movements can be realized and unwanted side effects can be avoided. dentalline provides a whole range of high-quality wires—individually adjusted on each treatment situation.

Whether Nickel Titanium, Titanium Molybdenum or Stainless Steel; round, rectangular or twisted—with dentalline archwires you will always choose the optimal level of force. For effective force transfer, gentle corrections and best treatment successes. But when is recommended the use of what wire? Often it is difficult to choose the individual wire qualities.

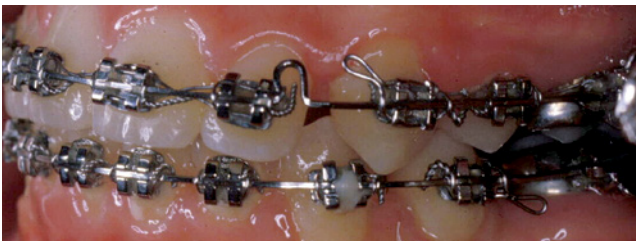
Which wire in wich treatment stage?

Levelling



Just in levelling stage we sometimes have to balance larger vertical and horizontal tooth position differences. This requires that a significant part of the used wire can undisturbed slide through the brackets. If initially round twisted, soft or superelastic wires of small rigidity are used here, regional level differences of teeth can be balanced carefully with small force application.

Contraction



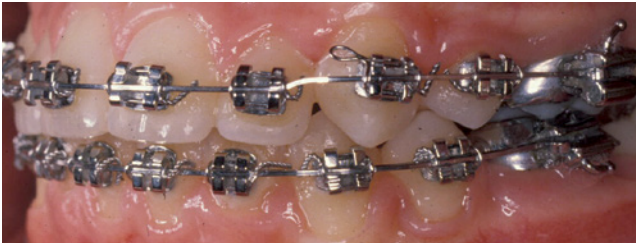
In particular in extraction cases as well as during dentoalveolar compensation of Angle class II the contraction stage is required. Retraction of the anterior segment is taking place. This movement of whole groups of teeth can be realized with the help of retraction loops or sliding mechanics (elastic chains, tieback). For this purpose the use of well bendable, not slot filling rectangular wires is recommended.

Alignment



In the further treatment process increasingly rectangular wires of higher rigidity are used. With medium force level so e.g. first tasks of derotation, angulation and/or torque can be solved.

Finishing



In the finishing stage final axial corrections of tooth position and intercuspation take place. Easy to form archwires should be used here, so that any correction bends for final adjustment of the occlusion can be easily realized, without the application of too excessive forces.

Leading



In the following leading stage a closure of extraction spaces is performed. In order to ensure a controlled leading of the teeth into their correct position here (even over large distances), not completely slot filling archwires of high rigidity should be used with the application of stronger forces.

Retention



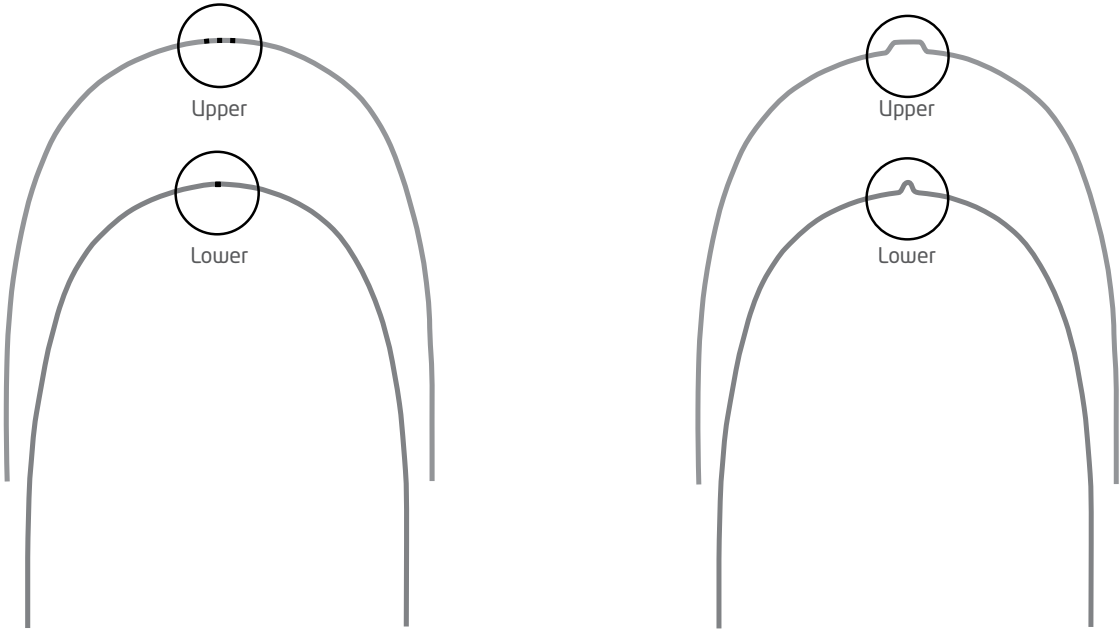
No less important for the treatment success is the retention stage. So e.g. bonded retainers from easy to form, twisted wires with small force application can be used after debonding for stabilization of the therapy result.

... for controlled tooth movements

	Levelling	Alignment	Leading	Contraction	Finishing	Retention
NiTi SE	●	●	● / ■	■		
NiTi Light Force	●	●	● / ■	■		
NiTi Thermally Plus	●	● / ■		■		
NiTi Thermally	●	● / ■				
NiTi SE with Anterior Torque 20°		● / ■	■	■		
NiTi Ortho-Kabel 7 Twist™	●	● / ■				
NiTi Never Unwinding Ortho-Kabel 7 Twist™	●	● / ■				
NiTi 3-Stepped-Force™		● / ■				
Composite-NiTi (NiTi/TMA)		● / ■				
Composite-NiTi (NiTi/SS)		● / ■	● / ■			
NiTi SE Reverse Curve		● / ■	● / ■			
TMA					● / ■	● / ■
Multi-TMA					● / ■	● / ■
Stainless Steel				■	● / ■	
Ortho-Kabel 7 Twist™ Stinless Steel					● / ■	● / ■
NiTi SE, tooth-coloured or white	●	●	● / ■	■		
Rhodium Plated NiTi-SE	●	●	● / ■	■		
Rhodium Plated Stainless Steel		● / ■	● / ■		● / ■	
Dual-Efficacy NiTi			● / ■	● / ■		
Dual-Efficacy TMA			● / ■	● / ■		
Dual-Efficacy Multi-TMA			● / ■	● / ■		
Dual-Efficacy Stainless Steel			● / ■	● / ■		

Recommended use of dentalline wires in the various treatment stages ● round ■ rectangular

Midline marking

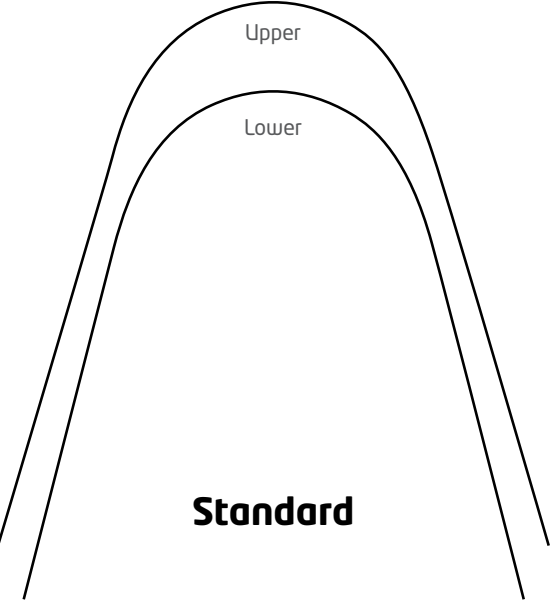
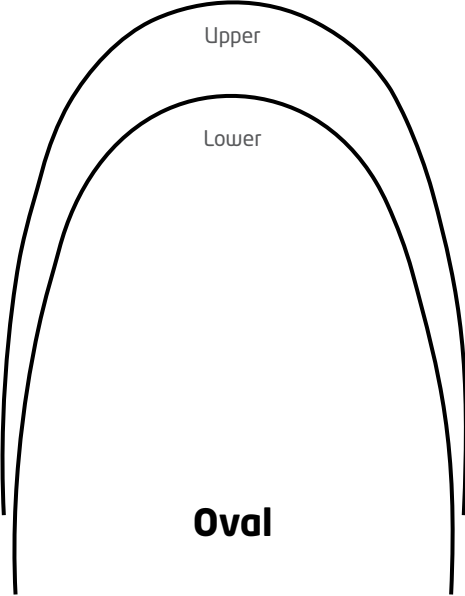
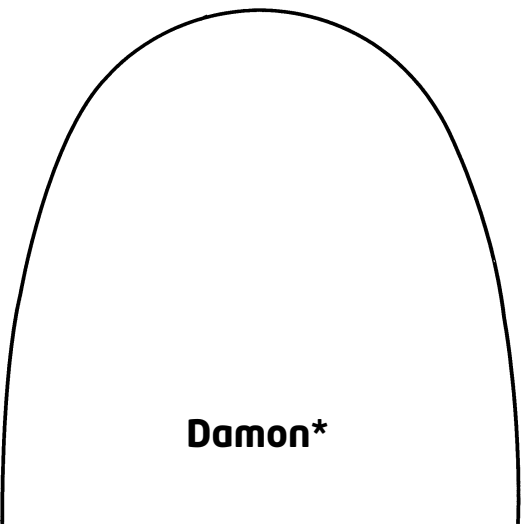
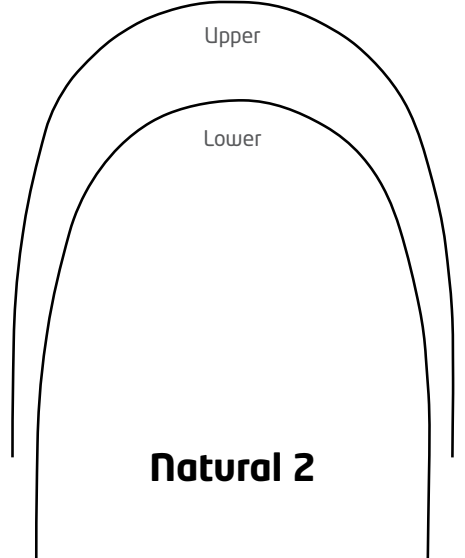
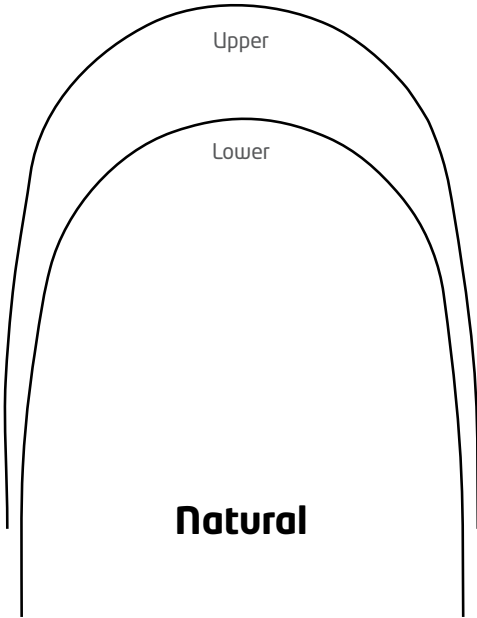
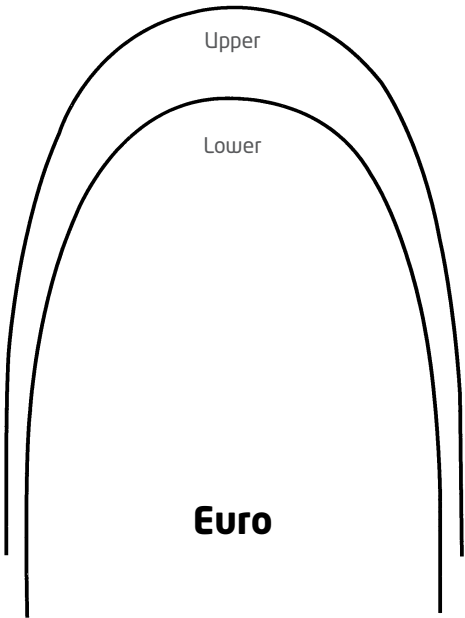


In order to facilitate the accurate ligation and the selection of the archwire, all dentalline wires are equipped with a midline marking. Three small lines in the center of the archwire mark the upper arch, a single line the lower arch.

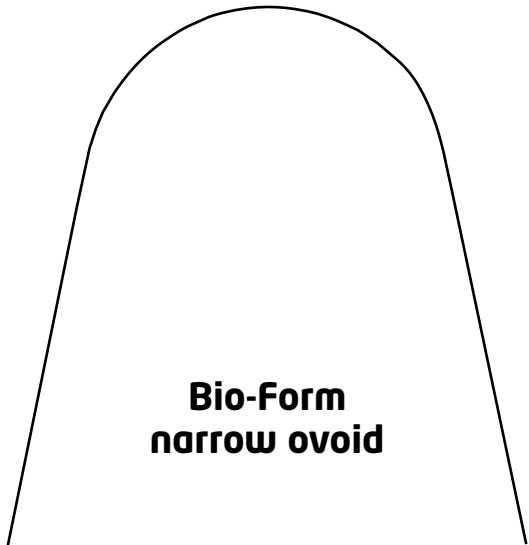
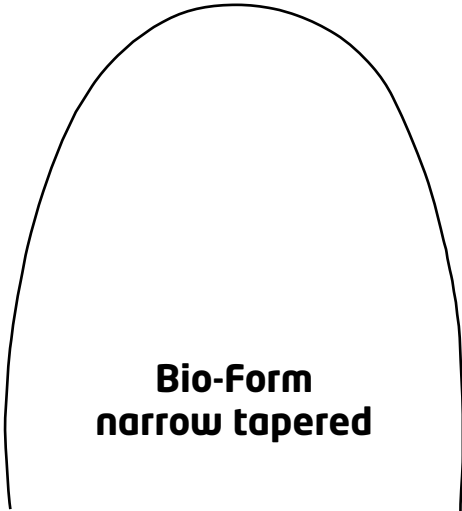
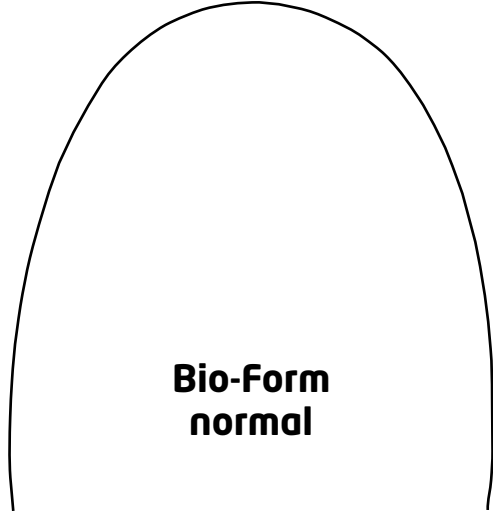
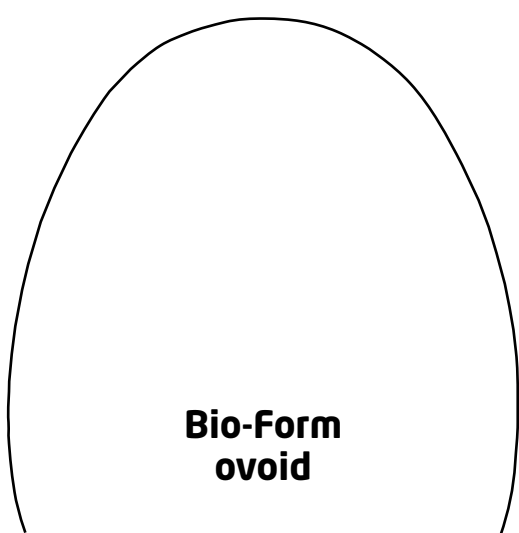
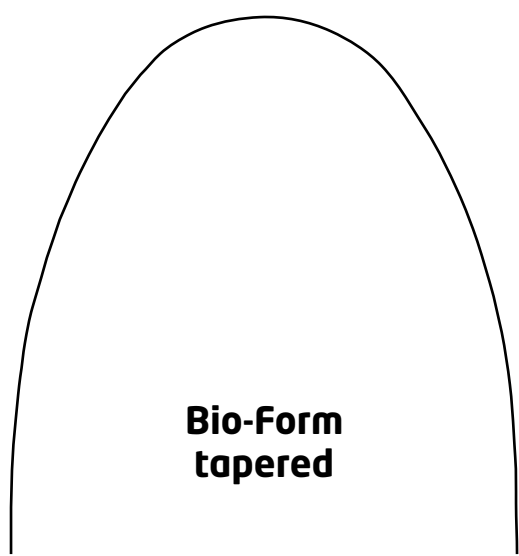
All dentalline wires are available with a v-shaped dimple, which prevents an unwanted shifting of the midline. Furthermore all wires are available prefabricated with stops.

Arch Forms

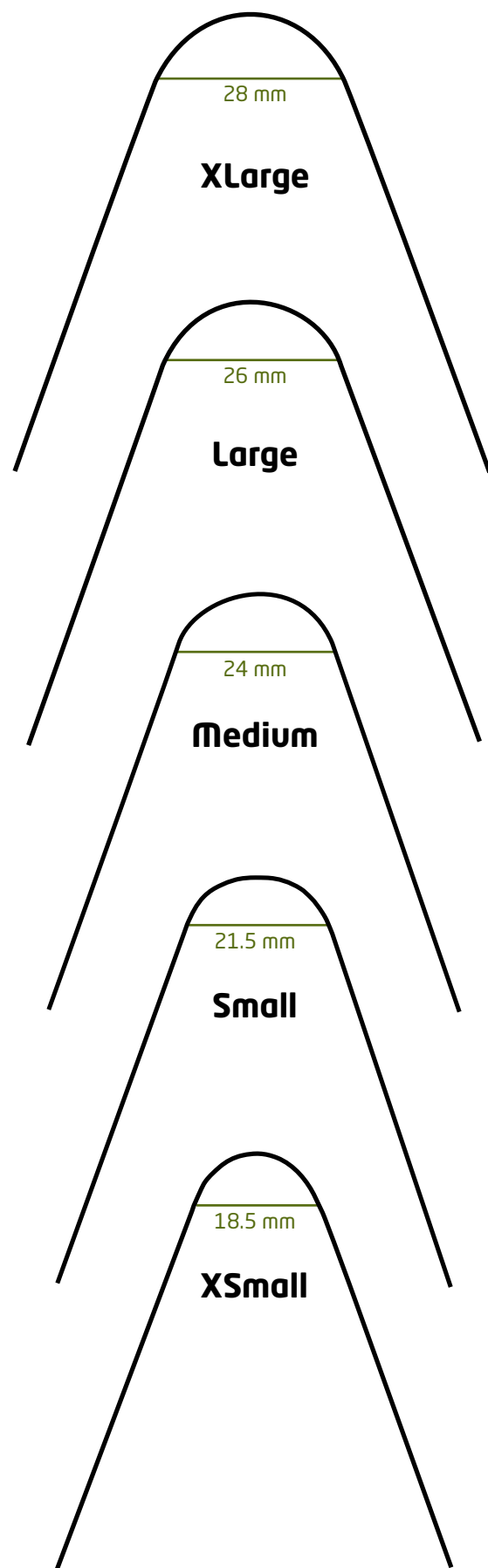
Standard Arch Forms 1:1



Bio-Forms according to Ricketts* 1:1



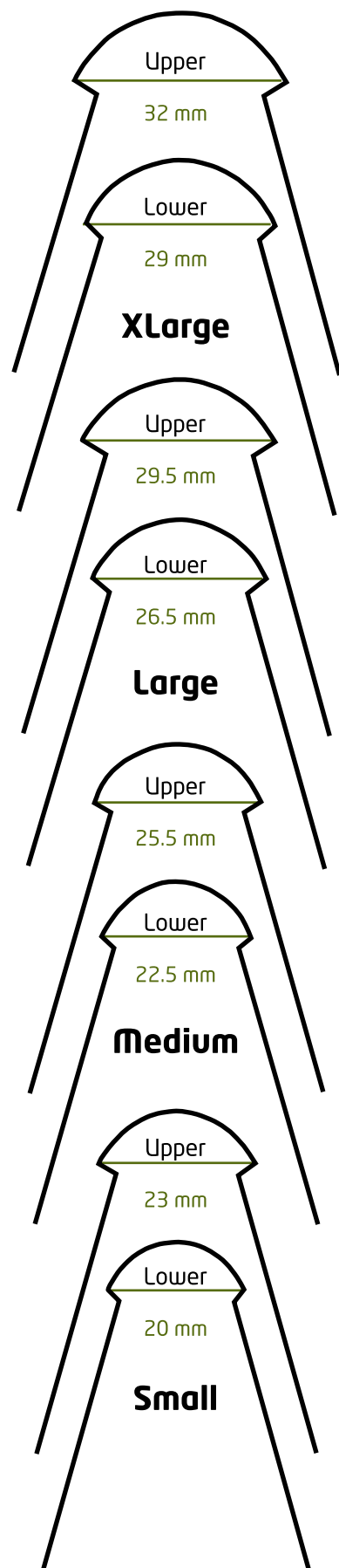
Lingual Arch Forms Standard 1:1



Tolerance +/- 1 mm

Available as transparent Arch Wire Selector:
Order No: DL 710991

Lingual Arch Forms Mushroom 1:1

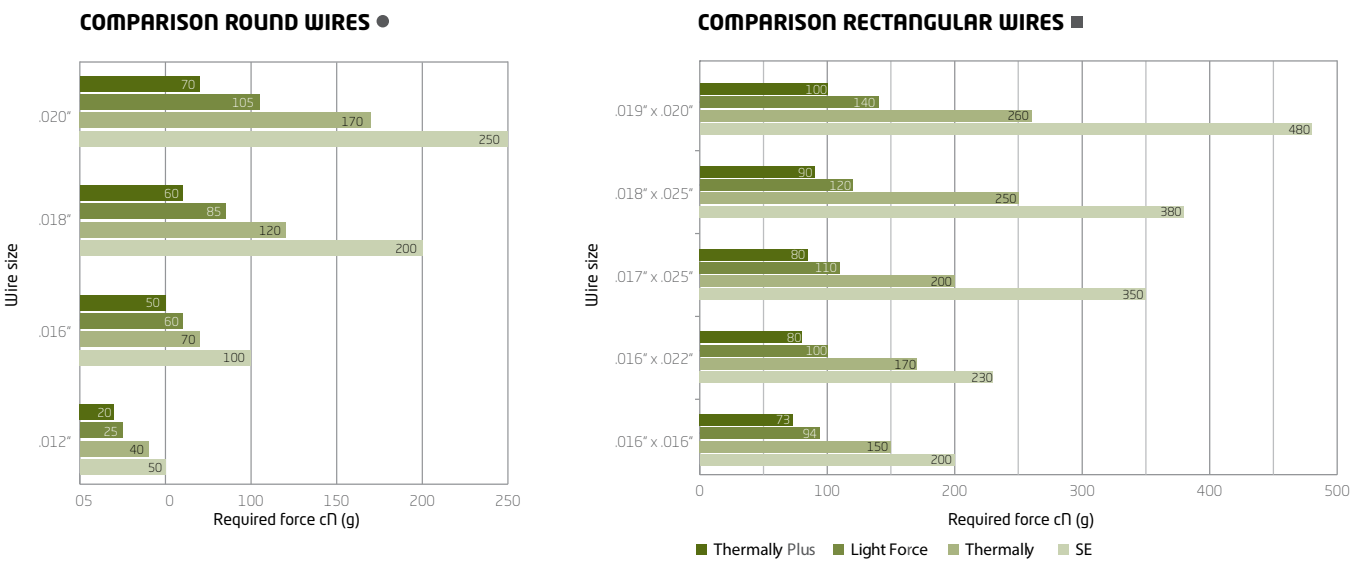


Tolerance +/- 1 mm

Available as transparent Arch Wire Selector:
Order No: DL 710992

NiTi

Force comparison of the dentalline NiTi-Wires



Force value table: Comparison of Thermally Plus, Light Force, Thermally and NiTi SE.

NiTi Superelastic (NiTi-SE)

Superelastic NiTi wires are particularly indicated for use with selfligating bracket systems. Due to its extremely smooth surface the friction between bracket and archwire is significantly reduced. Thus losses when transferring forces can be minimized and treatments can be arranged more effective. The higher elasticity and small rigidity of the wire make this an ideal orthodontic material, which shortens the duration of therapy by gentle and constant recovery forces.

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form universal
			Upper	Lower	Upper	Lower	
○	.010	10	DL300000	DL300037	DL300000-E	DL300037-E	DL300200
○	.012	10	DL300001	DL300007	DL300001-E	DL300007-E	DL300201
○	.013	10	DL300002	DL300008	DL300002-E	DL300008-E	DL300202
○	.014	10	DL300003	DL300009	DL300003-E	DL300009-E	DL300203
○	.016	10	DL300004	DL300010	DL300004-E	DL300010-E	DL300204
○	.018	10	DL300005	DL300011	DL300005-E	DL300011-E	DL300205
○	.020	10	DL300006	DL300012	DL300006-E	DL300012-E	DL300206
□	.014 x .025	10	DL300013	DL300025	DL300013-E	DL300025-E	DL300213
□	.016 x .016	10	DL300014	DL300026	DL300014-E	DL300026-E	DL300214
□	.016 x .022	10	DL300015	DL300027	DL300015-E	DL300027-E	DL300215
□	.016 x .025	10	DL300016	DL300028	DL300016-E	DL300028-E	DL300216
□	.017 x .022	10	DL300017	DL300029	DL300017-E	DL300029-E	DL300217
□	.017 x .025	10	DL300018	DL300030	DL300018-E	DL300030-E	DL300218
□	.018 x .018	10	DL300019	DL300031	DL300019-E	DL300031-E	DL300219
□	.018 x .022	10	DL300020	DL300032	DL300020-E	DL300032-E	DL300220
□	.018 x .025	10	DL300021	DL300033	DL300021-E	DL300033-E	DL300221
□	.019 x .025	10	DL300022	DL300034	DL300022-E	DL300034-E	DL300222
□	.020 x .020	10	DL300023	DL300035	DL300023-E	DL300035-E	DL300223
□	.021 x .025	10	DL300024	DL300036	DL300024-E	DL300036-E	DL300224

All wires are available in Standard (-ST), Oval (-O) and Natural 2 (-N2) Forms. Please add the corresponding shortcut behind the order number of the Natural Form.
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

* Damon is a registered trademark of the Ormco Corporation.

NiTi Superelastisch (NiTi-SE)

	inch	Package Contains	„Bio Form“ according to Ricketts*				
			narrow ovoid	tapered	narrow tapered	ovoid	normal
○	.014	10	DL300003-B1	DL300003-B2	DL300003-B3	DL300003-B4	DL300003-B5
○	.016	10	DL300004-B1	DL300004-B2	DL300004-B3	DL300004-B4	DL300004-B5
○	.018	10	DL300005-B1	DL300005-B2	DL300005-B3	DL300005-B4	DL300005-B5
○	.020	10	DL300006-B1	DL300006-B2	DL300006-B3	DL300006-B4	DL300006-B5
□	.016 x .016	10	DL300014-B1	DL300014-B2	DL300014-B3	DL300014-B4	DL300014-B5
□	.016 x .022	10	DL300015-B1	DL300015-B2	DL300015-B3	DL300015-B4	DL300015-B5
□	.017 x .025	10	DL300018-B1	DL300018-B2	DL300018-B3	DL300018-B4	DL300018-B5

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

NiTi-SE with Dimple

The dentalline wires are also available with a v-shaped dimple insted of a midline marking.



	inch	Package Contains	Natural-Form		Euro-Form	
			Upper	Lower	Upper	Lower
○	.010	10	DL300038	DL300039	DL300038-E	DL300039-E
○	.012	10	DL300040	DL300046	DL300040-E	DL300046-E
○	.013	10	DL300041	DL300047	DL300041-E	DL300047-E
○	.014	10	DL300042	DL300048	DL300042-E	DL300048-E
○	.016	10	DL300043	DL300049	DL300043-E	DL300049-E
○	.018	10	DL300044	DL300050	DL300044-E	DL300050-E
○	.020	10	DL300045	DL300051	DL300045-E	DL300051-E
□	.014 x .025	10	DL300052	DL300064	DL300052-E	DL300064-E
□	.016 x .016	10	DL300053	DL300065	DL300053-E	DL300065-E
□	.016 x .022	10	DL300054	DL300066	DL300054-E	DL300066-E
□	.016 x .025	10	DL300055	DL300067	DL300055-E	DL300067-E
□	.017 x .022	10	DL300056	DL300068	DL300056-E	DL300068-E
□	.017 x .025	10	DL300057	DL300069	DL300057-E	DL300069-E
□	.018 x .018	10	DL300058	DL300070	DL300058-E	DL300070-E
□	.018 x .022	10	DL300059	DL300071	DL300059-E	DL300071-E
□	.018 x .025	10	DL300060	DL300072	DL300060-E	DL300072-E
□	.019 x .025	10	DL300061	DL300073	DL300061-E	DL300073-E
□	.020 x .020	10	DL300062	DL300074	DL300062-E	DL300074-E
□	.021 x .025	10	DL300063	DL300075	DL300063-E	DL300075-E

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.
Other archwire forms like Natural 2 - or Oval Form on request.

* Ricketts is a registered trademark of the RMO. Company.

NiTi-SE pre-stopped



dentalline offers the NiTi-SE wires already pre-loaded with crimpable stops. The stops are friction fit on the wire and so they slide to position and stay there. A final crimp of the stop with a plier or cutter is then applied to permanently set the stops in place. Pre-stopped wires are effective with any bracket system and are especially popular or use with self ligating brackets.

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form universal
			Upper	Lower	Upper	Lower	
○	.010	10	-	-	-	-	DL300276
○	.012	10	DL300100	DL300106	DL300100-E	DL300106-E	DL300240
○	.013	10	-	-	-	-	DL300241
○	.014	10	DL300102	DL300108	DL300102-E	DL300108-E	DL300242
○	.016	10	DL300103	DL300109	DL300103-E	DL300109-E	DL300243
○	.018	10	DL300104	DL300110	DL300104-E	DL300110-E	DL300244
○	.020	10	DL300105	DL300111	DL300105-E	DL300111-E	-
□	.014 x .025	10	DL300112	DL300120	DL300112-E	DL300120-E	DL300252
□	.016 x .016	10	DL300113	DL300121	DL300113-E	DL300121-E	DL300253
□	.016 x .022	10	DL300114	DL300122	DL300114-E	DL300122-E	DL300254
□	.016 x .025	10	DL300115	DL300123	DL300115-E	DL300123-E	DL300255
□	.017 x .025	10	DL300116	DL300124	DL300116-E	DL300124-E	DL300257
□	.018 x .018	10	-	-	-	-	DL300258
□	.018 x .025	10	DL300117	DL300125	DL300117-E	DL300125-E	DL300260
□	.019 x .025	10	DL300118	DL300126	DL300118-E	DL300126-E	DL300261
□	.020 x .020	10	-	-	-	-	DL300262
□	.021 x .025	10	DL300119	DL300127	DL300119-E	DL300127-E	-

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

NiTi-SE with Front Torque 20°

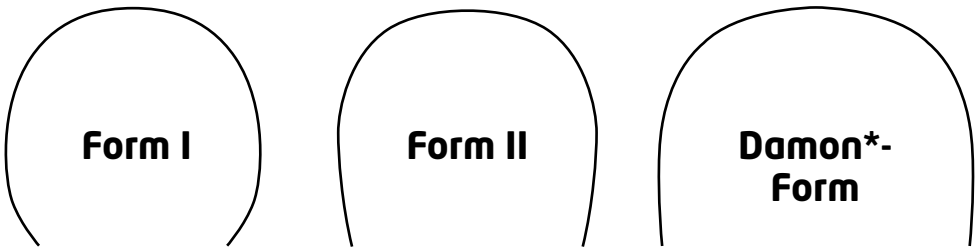
To strengthen torque in the anterior segment the NiTi SE with anterior torque is available. This rectangular wire was specially developed for DamonTM* technique and offers the same qualities as the classical NiTi SE. It is available with an anterior width of 28, 34 and 38mm.



	inch	Package Contains	Natural-Form			Damon*-Form		
			Lower	Upper		Lower	Upper	
			28 mm	34 mm	38 mm	28 mm	34 mm	38 mm
□	.016 x .025	10	DL300085	DL300086	DL300087	DL300280	DL300281	DL300282
□	.017 x .025	10	DL300090	DL300091	DL300092	DL300283	DL300284	DL300285
□	.019 x .025	10	DL300095	DL300096	DL300097	DL300286	DL300287	DL300288
□	.021 x .025	10	DL300098	DL300099	-	-	-	-

* Damon is a registered trademark of the Ormco Corporation.

NiTi Reverse Curve Wires



In particular for the correction of strongly pronounced vertical malocclusions the use of the NiTi Reverse Curve archwire is recommended. With good patient comfort this archwire ensures the delivery of gentle, constant forces.

The RC wires are available in three different forms: Form I (with moderate curve, torque and distal toe-in), Form II (with moderate curve and no distal toe-in or posterior torque) and Damon*-Form.

	inch	Package Contains	Form I		Form II		Damon* universal
			Upper	Lower	Upper	Lower	
○	.012	10	DL306140	DL306145	DL306140-II	DL306145-II	-
○	.014	10	DL306141	DL306146	DL306141-II	DL306146-II	DL306141-D
○	.016	10	DL306142	DL306147	DL306142-II	DL306147-II	DL306142-D
○	.018	10	DL306143	DL306148	DL306143-II	DL306148-II	DL306143-D
○	.020	10	DL306144	DL306149	DL306144-II	DL306149-II	-
□	.014 x .025	10	-	-	-	-	DL306166-D
□	.016 x .016	10	DL306150	DL306158	DL306150-II	DL306158-II	DL306150-D
□	.016 x .022	10	DL306151	DL306159	DL306151-II	DL306159-II	-
□	.016 x .025	10	-	-	-	-	DL306168-D
□	.017 x .025	10	DL306152	DL306160	DL306152-II	DL306160-II	DL306152-D
□	.018 x .018	10	DL306153	DL306161	DL306153-II	DL306161-II	DL306153-D
□	.018 x .025	10	DL306154	DL306162	DL306154-II	DL306162-II	DL306154-D
□	.019 x .025	10	DL306155	DL306163	DL306155-II	DL306163-II	DL306155-D
□	.020 x .020	10	DL306156	DL306164	DL306156-II	DL306164-II	DL306156-D
□	.021 x .025	10	DL306157	DL306165	DL306157-II	DL306165-II	-

NiTi Reverse Curve Wire with Anterior Torque 20°



	inch	Package Contains	Form I			
			labial root torque 28 mm / Lower	lingual root torque 28 mm / Lower	lingual root torque 34 mm / Upper	lingual root torque 38 mm / Upper
□	.016 x .025	10	DL303170	DL303182	DL303173	DL303176
□	.017 x .025	10	DL303171	DL303183	DL303174	DL303177
□	.019 x .025	10	DL303172	DL303184	DL303175	DL303178
□	.021 x .025	10	DL303179	DL303185	DL303180	DL303181

	inch	Package Contains	Damon *			
			labial root torque 28 mm / Lower	lingual root torque 28 mm / Lower	lingual root torque 34 mm / Upper	lingual root torque 38 mm / Upper
□	.016 x .025	10	DL303170-D	DL303182-D	DL303173-D	DL303176-D
□	.017 x .025	10	DL303171-D	DL303183-D	DL303174-D	DL303177-D
□	.019 x .025	10	DL303172-D	DL303184-D	DL303175-D	DL303178-D
□	.021 x .025	10	DL303179-D	DL303185-D	DL303180-D	DL303181-D

* Damon is a registered trademark of the Ormco Corporation.

NiTi Light Force

The NiTi Light Force provides similar qualities as the superelastic NiTi archwire, but with much lower force level. NiTi Light Force archwires are permanently deformation resistant and easy to ligate even with strongly pronounced malocclusions.

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form
			Upper	Lower	Upper	Lower	
○	.010	10	DL309000	DL309007	DL309000-E	DL309007-E	DL309300
○	.012	10	DL309001	DL309008	DL309001-E	DL309008-E	DL309301
○	.013	10	DL309002	DL309009	DL309002-E	DL309009-E	DL309302
○	.014	10	DL309003	DL309010	DL309003-E	DL309010-E	DL309303
○	.016	10	DL309004	DL309011	DL309004-E	DL309011-E	DL309304
○	.018	10	DL309005	DL309012	DL309005-E	DL309012-E	DL309305
○	.020	10	DL309006	DL309013	DL309006-E	DL309013-E	DL309306
□	.014 x .025	10	DL309014	DL309026	DL309014-E	DL309026-E	DL309314
□	.016 x .016	10	DL309015	DL309027	DL309015-E	DL309027-E	DL309315
□	.016 x .022	10	DL309016	DL309028	DL309016-E	DL309028-E	DL309316
□	.016 x .025	10	DL309017	DL309029	DL309017-E	DL309029-E	DL309317
□	.017 x .022	10	DL309018	DL309030	DL309018-E	DL309030-E	DL309318
□	.017 x .025	10	DL309019	DL309031	DL309019-E	DL309031-E	DL309319
□	.018 x .018	10	DL309020	DL309032	DL309020-E	DL309032-E	DL309320
□	.018 x .022	10	DL309021	DL309033	DL309021-E	DL309033-E	DL309321
□	.018 x .025	10	DL309022	DL309034	DL309022-E	DL309034-E	DL309322
□	.019 x .025	10	DL309023	DL309035	DL309023-E	DL309035-E	DL309323
□	.020 x .020	10	DL309024	DL309036	DL309024-E	DL309036-E	DL309324
□	.021 x .025	10	DL309025	DL309037	DL309025-E	DL309037-E	DL309325

Other archwire forms like Natural 2 - or Oval Form on request.
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

NiTi Light Force with Dimple



The dentalline wires are also available with a v-shaped dimple insted of a midline marking.

	inch	Package Contains	Natural-Form	
			Upper	Lower
○	.010	10	DL309040	DL309047
○	.012	10	DL309041	DL309048
○	.013	10	DL309042	DL309049
○	.014	10	DL309043	DL309050
○	.016	10	DL309044	DL309051
○	.018	10	DL309045	DL309052
○	.020	10	DL309046	DL309053
□	.014 x .025	10	DL309054	DL309066
□	.016 x .016	10	DL309055	DL309067
□	.016 x .022	10	DL309056	DL309068
□	.016 x .025	10	DL309057	DL309069
□	.017 x .022	10	DL309058	DL309070
□	.017 x .025	10	DL309059	DL309071
□	.018 x .018	10	DL309060	DL309072
□	.018 x .022	10	DL309061	DL309073
□	.018 x .025	10	DL309062	DL309074
□	.019 x .025	10	DL309063	DL309075
□	.020 x .020	10	DL309064	DL309076
□	.021 x .025	10	DL309065	DL309077

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

* Damon is a registered trademark of the Ormco Corporation.

NiTi Light Force pre-stopped



	inch	Package Contains	Damon*-Form Upper
○	.010	10	DL309340
○	.012	10	DL309341
○	.013	10	DL309342
○	.014	10	DL309343
○	.016	10	DL309344
○	.018	10	DL309345
○	.020	10	DL309346
□	.014 x .025	10	DL309354
□	.016 x .016	10	DL309355
□	.016 x .022	10	DL309356
□	.016 x .025	10	DL309357
□	.017 x .022	10	DL309358
□	.017 x .025	10	DL309359
□	.018 x .018	10	DL309360
□	.018 x .022	10	DL309361
□	.018 x .025	10	DL309362
□	.019 x .025	10	DL309363
□	.020 x .020	10	DL309364
□	.021 x .025	10	DL309365

NiTi Thermally

Due to its low and constant force application the NiTi Thermally archwire with round cross-section is perfect suitable as initial wire. At room temperature soft and flexible, it can be ligate easily and without any problems. Brought in the mouth, the NiTi Thermally develops its gentle force (Shape Memory Effect).

With the help of rectangular and square NiTi Thermally archwires besides first tasks of rotation or torque can be solved in a gentle way.

Profil	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form
			Upper	Lower	Upper	Lower	
○	.010	10	DL301000	DL301037	DL301000-E	DL301037-E	DL301200
○	.012	10	DL301001	DL301007	DL301001-E	DL301007-E	DL301201
○	.013	10	DL301002	DL301008	DL301002-E	DL301008-E	DL301202
○	.014	10	DL301003	DL301009	DL301003-E	DL301009-E	DL301203
○	.016	10	DL301004	DL301010	DL301004-E	DL301010-E	DL301204
○	.018	10	DL301005	DL301011	DL301005-E	DL301011-E	DL301205
○	.020	10	DL301006	DL301012	DL301006-E	DL301012-E	DL301206
□	.014 x .025	10	DL301013	DL301025	DL301013-E	DL301025-E	DL301213
□	.016 x .016	10	DL301014	DL301026	DL301014-E	DL301026-E	DL301214
□	.016 x .022	10	DL301015	DL301027	DL301015-E	DL301027-E	DL301215
□	.016 x .025	10	DL301016	DL301028	DL301016-E	DL301028-E	DL301216
□	.017 x .022	10	DL301017	DL301029	DL301017-E	DL301029-E	DL301217
□	.017 x .025	10	DL301018	DL301030	DL301018-E	DL301030-E	DL301218
□	.018 x .018	10	DL301019	DL301031	DL301019-E	DL301031-E	DL301219
□	.018 x .022	10	DL301020	DL301032	DL301020-E	DL301032-E	DL301220
□	.018 x .025	10	DL301021	DL301033	DL301021-E	DL301033-E	DL301221
□	.019 x .025	10	DL301022	DL301034	DL301022-E	DL301034-E	DL301222
□	.020 x .020	10	DL301023	DL301035	DL301023-E	DL301035-E	DL301223
□	.021 x .025	10	DL301024	DL301036	DL301024-E	DL301036-E	DL301224

Other archwire forms like Natural 2 - or Oval Form on request.
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

NiTi Thermally with Dimple

	inch	Package Contains	Natural-Form		Euro-Form	
			Upper	Lower	Upper	Lower
○	.012	10	DL301040	DL301046	DL301040-E	DL301046-E
○	.014	10	DL301042	DL301048	DL301042-E	DL301048-E
○	.016	10	DL301043	DL301049	DL301043-E	DL301049-E
○	.018	10	DL301044	DL301050	DL301044-E	DL301050-E
□	.016 x .016	10	DL301053	DL301065	DL301053-E	DL301065-E
□	.016 x .022	10	DL301054	DL301066	DL301054-E	DL301066-E
□	.017 x .025	10	DL301057	DL301069	DL301057-E	DL301069-E
□	.018 x .018	10	DL301058	DL301070	DL301058-E	DL301070-E
□	.018 x .025	10	DL301060	DL301072	DL301060-E	DL301072-E
□	.019 x .025	10	DL301061	DL301073	DL301061-E	DL301073-E
□	.020 x .020	10	DL301062	DL301074	DL301062-E	DL301074-E
□	.021 x .025	10	DL301063	DL301075	DL301063-E	DL301075-E

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

* Damon is a registered trademark of the Ormco Corporation.

NiTi Thermally pre-stopped



dentalline offer the NiTi Thermally wires already pre-loaded with crimpable stops. The stops are friction fit on the wire and so they slide to position and stay there. A final crimp of the stop with a plier or cutter is then applied to permanently set the stops in place. Pre-stopped wires are effective with any bracket system and are especially popular or use with self ligating brackets.

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form universal
			Upper	Lower	Upper	Lower	
○	.010	10	DL301800	DL301807	DL301800-E	DL301807-E	DL301276
○	.012	10	DL301801	DL301808	DL301801-E	DL301808-E	DL301240
○	.013	10	-	-	-	-	DL301241
○	.014	10	DL301803	DL301810	DL301803-E	DL301810-E	DL301242
○	.016	10	DL301804	DL301811	DL301804-E	DL301811-E	DL301243
○	.018	10	DL301805	DL301812	DL301805-E	DL301812-E	DL301244
○	.020	10	-	-	-	-	DL301245
□	.014 x .025	10	DL301814	DL301826	DL301814-E	DL301826-E	DL301252
□	.016 x .016	10	DL301815	DL301827	DL301815-E	DL301827-E	DL301253
□	.016 x .022	10	DL301816	DL301828	DL301816-E	DL301828-E	DL301254
□	.016 x .025	10	-	-	-	-	DL301255
□	.017 x .022	10	DL301818	DL301830	DL301818-E	DL301830-E	DL301256
□	.017 x .025	10	DL301819	DL301831	DL301819-E	DL301831-E	DL301257
□	.018 x .018	10	DL301820	DL301832	DL301820-E	DL301832-E	DL301258
□	.018 x .022	10	-	-	-	-	DL301259
□	.018 x .025	10	DL301822	DL301834	DL301822-E	DL301834-E	DL301260
□	.019 x .025	10	DL301823	DL301835	DL301823-E	DL301835-E	DL301261
□	.020 x .020	10	DL301824	DL301836	DL301824-E	DL301836-E	DL301262
□	.021 x .025	10	DL301825	DL301837	DL301825-E	DL301837-E	DL301263

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

* Damon is a registered trademark of the Ormco Corporation.

NiTi Thermally Plus

The NiTi Thermally Plus offers an extremely low force level. Its constant force application enables a continuous therapeutic effect with high patient comfort. Easy to ligate, the NiTi Thermally Plus provides an excellent thermal capacity and temperature sensitivity.

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form
			Upper	Lower	Upper	Lower	
○	.010	10	DL301337	DL301338	DL301337-E	DL301338-E	-
○	.012	10	DL301301	DL301307	DL301301-E	DL301307-E	DL301501
○	.013	10	DL301302	DL301308	DL301302-E	DL301308-E	DL301502
○	.014	10	DL301303	DL301309	DL301303-E	DL301309-E	DL301503
○	.016	10	DL301304	DL301310	DL301304-E	DL301310-E	DL301504
○	.018	10	DL301305	DL301311	DL301305-E	DL301311-E	DL301505
○	.020	10	DL301306	DL301312	DL301306-E	DL301312-E	DL301506
□	.014 x .025	10	DL301313	DL301325	DL301313-E	DL301325-E	DL301513
□	.016 x .016	10	DL301314	DL301326	DL301314-E	DL301326-E	DL301514
□	.016 x .022	10	DL301315	DL301327	DL301315-E	DL301327-E	DL301515
□	.016 x .025	10	DL301316	DL301328	DL301316-E	DL301328-E	DL301516
□	.017 x .022	10	DL301317	DL301329	DL301317-E	DL301329-E	DL301517
□	.017 x .025	10	DL301318	DL301330	DL301318-E	DL301330-E	DL301518
□	.018 x .018	10	DL301319	DL301331	DL301319-E	DL301331-E	DL301519
□	.018 x .022	10	DL301320	DL301332	DL301320-E	DL301332-E	DL301520
□	.018 x .025	10	DL301321	DL301333	DL301321-E	DL301333-E	DL301521
□	.019 x .025	10	DL301322	DL301334	DL301322-E	DL301334-E	DL301522
□	.020 x .020	10	DL301323	DL301335	DL301323-E	DL301335-E	DL301523
□	.021 x .025	10	DL301324	DL301336	DL301324-E	DL301336-E	DL301524

Other archwire forms like Natural 2 - or Oval Form on request.
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

NiTi Thermally Plus pre-stopped



dentalline offer the NiTi Thermally Plus wires already pre-loaded with crimpable stops. The stops are friction fit on the wire and so they slide to position and stay there. A final crimp of the stop with a plier or cutter is then applied to permanently set the stops in place. Pre-stopped wires are effective with any bracket system and are especially popular or use with self ligating brackets.

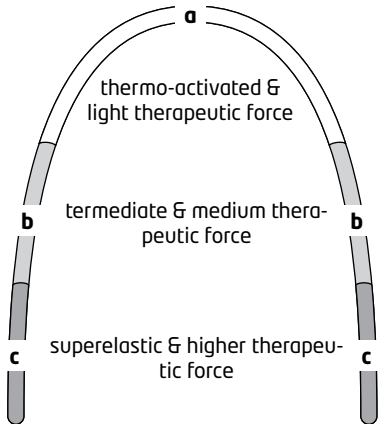
	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form
			Upper	Lower	Upper	Lower	Upper
○	.012	10	DL301340	DL301346	DL301340-E	DL301346-E	DL301540
○	.013	10	DL301341	DL301347	DL301341-E	DL301347-E	DL301541
○	.014	10	DL301342	DL301348	DL301342-E	DL301348-E	DL301542
○	.016	10	DL301343	DL301349	DL301343-E	DL301349-E	DL301543
○	.018	10	DL301344	DL301350	DL301344-E	DL301350-E	DL301544
○	.020	10	DL301345	DL301351	DL301345-E	DL301351-E	DL301545
□	.014 x .025	10	DL301352	DL301364	DL301352-E	DL301364-E	DL301552
□	.016 x .016	10	DL301353	DL301365	DL301353-E	DL301365-E	DL301553
□	.016 x .022	10	DL301354	DL301366	DL301354-E	DL301366-E	DL301554
□	.016 x .025	10	DL301355	DL301367	DL301355-E	DL301367-E	DL301555
□	.017 x .022	10	DL301356	DL301368	DL301356-E	DL301368-E	DL301556
□	.017 x .025	10	DL301357	DL301369	DL301357-E	DL301369-E	DL301557
□	.018 x .018	10	DL301358	DL301370	DL301358-E	DL301370-E	DL301558
□	.018 x .022	10	DL301359	DL301371	DL301359-E	DL301371-E	DL301559
□	.018 x .025	10	DL301360	DL301372	DL301360-E	DL301372-E	DL301560
□	.019 x .025	10	DL301361	DL301373	DL301361-E	DL301373-E	DL301561
□	.020 x .020	10	DL301362	DL301374	DL301362-E	DL301374-E	DL301562
□	.021 x .025	10	DL301363	DL301375	DL301363-E	DL301375-E	DL301563

Other archwire forms like Natural 2 - or Oval Form on request.
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

* Damon is a registered trademark of the Ormco Corporation.

NiTi 3-Stepped-Force™

The NiTi 3-Stepped-Force™ combines superelastic and thermo-active qualities. The archwire has three force-adapted wire segments: While the wire is thermo-active in the front (gentle forces), it shows superelastic qualities with higher force application in the posterior. In the bicuspid segment however, the NiTi 3-Stepped-Force™ works with medium therapeutic force. This increases from front to rear. The arch form of the NiTi 3-Stepped-Force™ with the three functional areas can on request be individually adjusted.

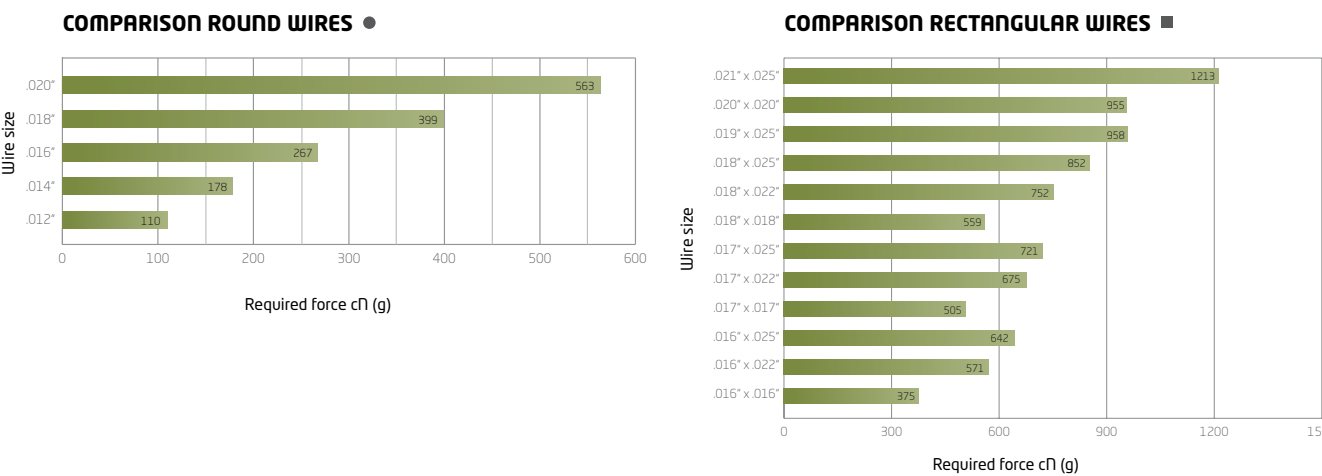


	inch	Package Contains	Natural-Form		Euro-Form	
			Upper	Lower	Upper	Lower
○	.012	10	DL302301	DL302308	DL302301-E	DL302308-E
○	.014	10	DL302302	DL302309	DL302302-E	DL302309-E
○	.016	10	DL302303	DL302310	DL302303-E	DL302310-E
○	.018	10	DL302304	DL302311	DL302304-E	DL302311-E
□	.014 x .025	10	DL302314	DL302326	DL302314-E	DL302326-E
□	.016 x .016	10	DL302315	DL302327	DL302315-E	DL302327-E
□	.016 x .022	10	DL302316	DL302328	DL302316-E	DL302328-E
□	.017 x .025	10	DL302319	DL302331	DL302319-E	DL302331-E
□	.018 x .018	10	DL302320	DL302332	DL302320-E	DL302332-E
□	.018 x .025	10	DL302322	DL302334	DL302322-E	DL302334-E
□	.019 x .025	10	DL302323	DL302335	DL302323-E	DL302335-E
□	.020 x .020	10	DL302324	DL302336	DL302324-E	DL302336-E
□	.021 x .025	10	DL302325	DL302337	DL302325-E	DL302337-E

Stainless Steel

Force comparison of the dentalline Stainless Steel wires

If larger force applications are required or precise torque control is needed in the finishing stage of treatment, the use of Stainless Steel archwires is indicated. Easy to shape, they offer a smooth low-friction surface and are ideal for retraction of the anterior segment or also for later detailing of the occlusion.



Stainless Steel

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form
			Upper	Lower	Upper	Lower	
○	.012	10	DL304001	DL304006	DL304001-E	DL304006-E	DL304001-D
○	.014	10	DL304002	DL304007	DL304002-E	DL304007-E	DL304002-D
○	.016	10	DL304003	DL304008	DL304003-E	DL304008-E	DL304003-D
○	.018	10	DL304004	DL304009	DL304004-E	DL304009-E	DL304004-D
○	.020	10	DL304005	DL304010	DL304005-E	DL304010-E	DL304005-D
□	.016 x .016	10	DL304012	DL304024	DL304012-E	DL304024-E	DL304012-D
□	.016 x .022	10	DL304013	DL304025	DL304013-E	DL304025-E	DL304013-D
□	.016 x .025	10	DL304039	DL304040	DL304039-E	DL304040-E	DL304039-D
□	.017 x .017	10	DL304014	DL304026	DL304014-E	DL304026-E	DL304014-D
□	.017 x .022	10	DL304015	DL304027	DL304015-E	DL304027-E	DL304015-D
□	.017 x .025	10	DL304016	DL304028	DL304016-E	DL304028-E	DL304016-D
□	.018 x .018	10	DL304017	DL304029	DL304017-E	DL304029-E	DL304017-D
□	.018 x .022	10	DL304041	DL304042	DL304041-E	DL304042-E	DL304041-D
□	.018 x .025	10	DL304018	DL304030	DL304018-E	DL304030-E	DL304018-D
□	.019 x .019	10	DL304019	DL304031	DL304019-E	DL304031-E	DL304019-D
□	.019 x .025	10	DL304020	DL304032	DL304020-E	DL304032-E	DL304020-D
□	.020 x .020	10	DL304021	DL304033	DL304021-E	DL304033-E	DL304021-D
□	.021 x .025	10	DL304022	DL304034	DL304022-E	DL304034-E	DL304022-D

All wires are available in Standart (-ST), Oval (-O) and Natural 2 (-N2) Forms. Please add the corresponding shortcut behind the order number of the Natural Form.
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

	inch	Package Contains	„Bio Form“ according to Ricketts**				
			narrow ovoid	tapered	narrow tapered	ovoid	normal
○	.014	10	DL304002-B1	DL304002-B2	DL304002-B3	DL304002-B4	DL304002-B5
○	.016	10	DL304003-B1	DL304003-B2	DL304003-B3	DL304003-B4	DL304003-B5
○	.018	10	DL304004-B1	DL304004-B2	DL304004-B3	DL304004-B4	DL304004-B5
○	.020	10	DL304005-B1	DL304005-B2	DL304005-B3	DL304005-B4	DL304005-B5
□	.016 x .016	10	DL304012-B1	DL304012-B2	DL304012-B3	DL304012-B4	DL304012-B5
□	.016 x .022	10	DL304013-B1	DL304013-B2	DL304013-B3	DL304013-B4	DL304013-B5
□	.017 x .025	10	DL304016-B1	DL304016-B2	DL304016-B3	DL304016-B4	DL304016-B5
□	.018 x .025	10	DL304018-B1	DL304018-B2	DL304018-B3	DL304018-B4	DL304018-B5
□	.019 x .025	10	DL304020-B1	DL304020-B2	DL304020-B3	DL304020-B4	DL304020-B5

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

Stainless Steel pre-stopped

	inch	Package Contains	Natural-Form		Damon*-Form
			Upper	Lower	universal
○	.016	10	DL304604	DL304611	DL304604-D
○	.018	10	DL304605	DL304612	DL304605-D
○	.020	10	DL304606	DL304613	DL304606-D
□	.016 x .016	10	DL304615	DL304627	DL304615-D
□	.016 x .022	10	DL304616	DL304628	DL304616-D
□	.016 x .025	10	DL304617	DL304629	DL304617-D
□	.018 x .018	10	DL304620	DL304634	DL304620-D
□	.018 x .025	10	DL304622	DL304634	DL304622-D
□	.019 x .025	10	DL304623	DL304635	DL304623-D
□	.021 x .025	10	DL304625	DL304637	DL304625-D

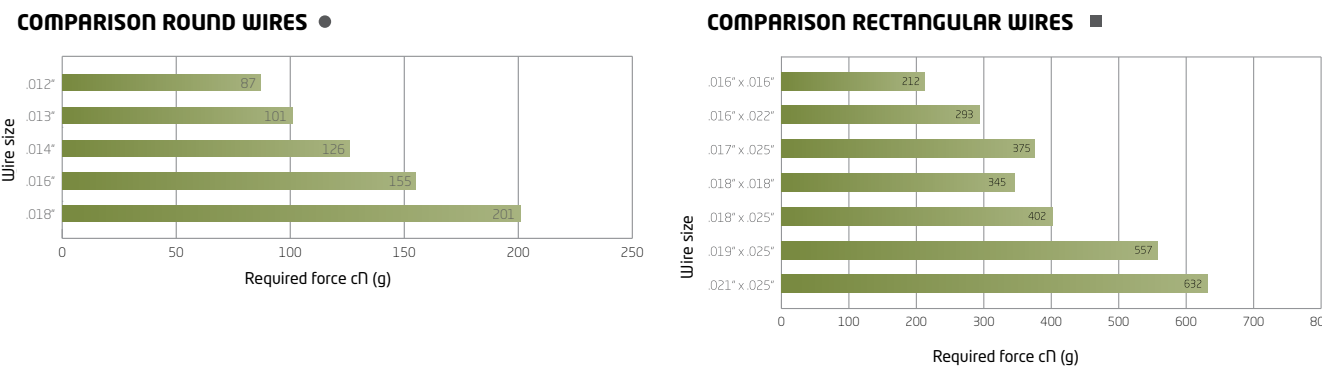
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.
Other archwire forms on request.

* Damon is a registered trademark of the Ormco Corporation.

* Damon is a registered trademark of the Ormco Corporation. ** Ricketts is a registered trademark of the RMO. Company.

Titan-Molybdenum-Alloy (TMA*)

Force comparison of the dentalline TMA* wires



TMA*

This nickel-free wire from a Titanium Molybdenum Alloy is very suitable for finishing. Due to its high elasticity it can be optimally shaped, so that compensatory bends can be ideally realized. The TMA wire provides an excellent form stability (resilience) with in comparison to the Stainless Steel wire lower and contrary to the NiTi archwire stronger force level.

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form universal
			OK	UK	OK	UK	
○	.012	10	DL302001	DL302007	DL302001-E	DL302007-E	DL302201
○	.013	10	DL302002	DL302008	DL302002-E	DL302008-E	DL302202
○	.014	10	DL302003	DL302009	DL302003-E	DL302009-E	DL302203
○	.016	10	DL302004	DL302010	DL302004-E	DL302010-E	DL302204
○	.018	10	DL302005	DL302011	DL302005-E	DL302011-E	DL302205
□	.014 x .025	10	DL302013	DL302025	DL302013-E	DL302025-E	DL302213
□	.016 x .016	10	DL302014	DL302026	DL302014-E	DL302026-E	DL302214
□	.016 x .022	10	DL302015	DL302027	DL302015-E	DL302027-E	DL302215
□	.017 x .022	10	DL302017	DL302029	DL302017-E	DL302029-E	DL302217
□	.017 x .025	10	DL302018	DL302030	DL302018-E	DL302030-E	DL302218
□	.018 x .018	10	DL302019	DL302031	DL302019-E	DL302031-E	DL302219
□	.018 x .022	10	DL302020	DL302032	DL302020-E	DL302032-E	–
□	.018 x .025	10	DL302021	DL302033	DL302021-E	DL302033-E	DL302221
□	.019 x .025	10	DL302022	DL302034	DL302022-E	DL302034-E	DL302222
□	.021 x .025	10	DL302024	DL302036	DL302024-E	DL302036-E	DL302224

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number. Other archwire forms like Natural 2 - or Oval Form on request.

TMA* pre-stopped



dentalline offer the dentalline TMA* wires already pre-loaded with crimpable stops. The stops are friction fit on the wire and so they slide to position and stay there. A final crimp of the stop with a plier or cutter is then applied to permanently set the stops in place. Pre-stopped wires are effective with any bracket system and are especially popular or use with self ligating brackets.

	inch	Package Contains	Natural-Form		Euro-Form		Damon**-Form universal
			Upper	Lower	Upper	Lower	
○	.014	10	DL302052	DL302058	DL302052-E	DL302058-E	DL302252
○	.016	10	DL302053	DL302059	DL302053-E	DL302059-E	DL302253
○	.018	10	DL302054	DL302060	DL302054-E	DL302060-E	DL302254
○	.020	10	DL302055	DL302061	DL302055-E	DL302061-E	DL302255
□	.014 x .025	10	DL302062	DL302074	DL302062-E	DL302074-E	DL302262
□	.016 x .022	10	DL302064	DL302076	DL302064-E	DL302076-E	DL302264
□	.017 x .022	10	DL302066	DL302078	DL302066-E	DL302078-E	DL302266
□	.017 x .025	10	DL302067	DL302079	DL302067-E	DL302079-E	DL302267
□	.018 x .022	10	DL302069	DL302081	DL302069-E	DL302081-E	–
□	.018 x .025	10	DL302070	DL302082	DL302070-E	DL302082-E	DL302270
□	.019 x .025	10	DL302071	DL302083	DL302071-E	DL302083-E	DL302271
□	.021 x .025	10	DL302073	DL302085	DL302073-E	DL302085-E	DL302273

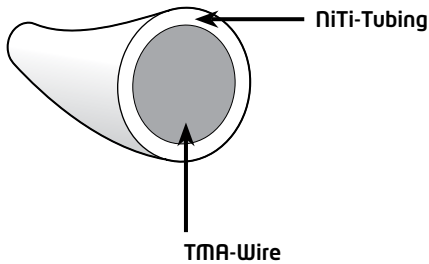
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number. Other archwire forms on request.

Multi™-Titan-Molybdenum-Alloy (Multi™-TMA*)

Multi™-TMA*

Contrary to the classical TMA archwire the Multi™ TMA covered up with a Nickel Titanium Alloy offers an approximately four to seven times larger tension potential. Besides the risk regarding material fatigue could be significantly reduced in comparison to the TMA standard archwire.

A further advantage of the Multi™ TMA archwire represents its excellent surface quality. Thus the extremely smooth and shining wire surface offers lowest friction values due to its optimized hardness, for optimal patient comfort and more effective treatment successes.



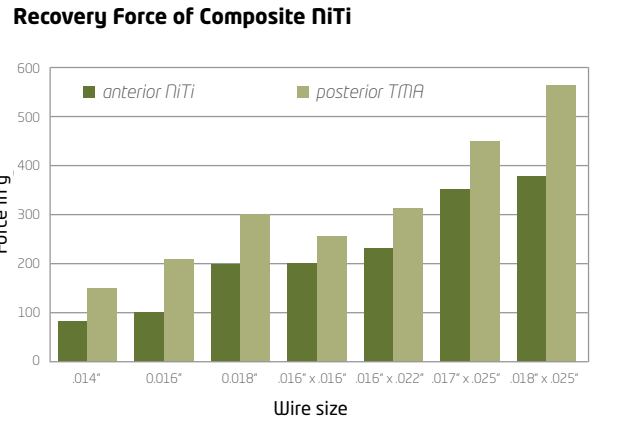
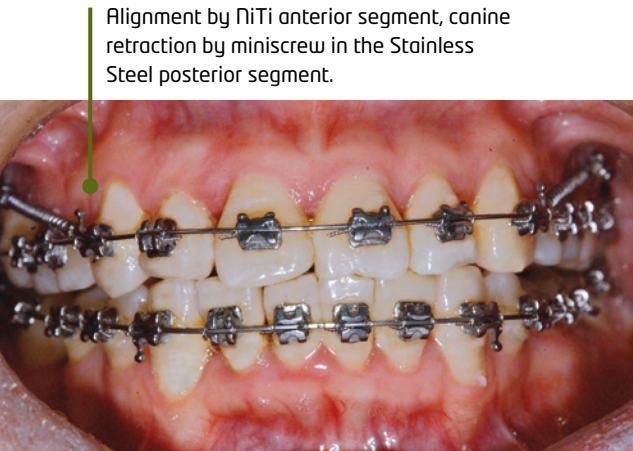
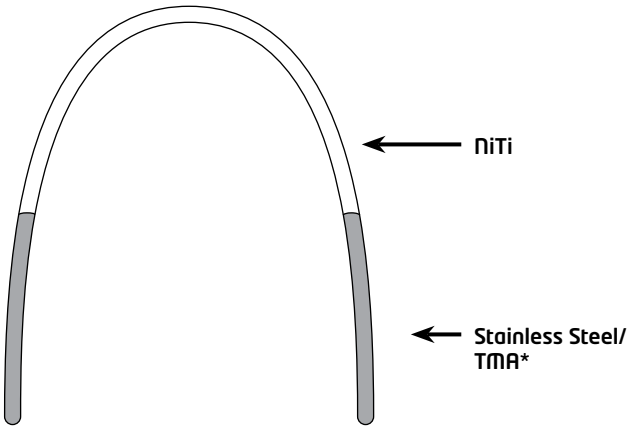
	inch	Package Contains	Natural-Form		Damon-Form universal
			Upper	Lower	
○	.012	10	DL302620	DL302625	DL302620-D
○	.014	10	DL302621	DL302626	DL302621-D
○	.016	10	DL302622	DL302627	DL302622-D
○	.018	10	DL302623	DL302628	DL302623-D
○	.020	10	DL302624	DL302629	DL302624-D
□	.014 x .025	10	DL302630	DL302642	DL302630-D
□	.016 x .016	10	DL302631	DL302643	DL302631-D
□	.016 x .022	10	DL302632	DL302644	DL302632-D
□	.016 x .025	10	DL302633	DL302645	DL302633-D
□	.017 x .022	10	DL302634	DL302646	DL302634-D
□	.017 x .025	10	DL302635	DL302647	DL302635-D
□	.018 x .022	10	DL302637	DL302649	DL302637-D
□	.018 x .025	10	DL302638	DL302650	DL302638-D
□	.019 x .025	10	DL302639	DL302651	DL302639-D
□	.021 x .025	10	DL302641	DL302653	DL302641-D

Composite NiTi

Composite-NiTi

A combination of two different alloys in one wire offers the Composite NiTi. The unique archwire connects a Nickel Titanium Alloy in the canine to canine segment either with a Stainless Steel or a Titanium Molybdenum Alloy in the posterior segment. The wire available with round and rectangular cross-section enables an easy alignment in the anterior while maintaining anchorage in the posterior. The Composite

NiTi can be used throughout the whole treatment where lighter force applications with maintained anchorage are indicated.



Multi™-TMA* pre-stopped



	inch	Package Contains	Natural-Form		Damon-Form universal
			OK	UK	
○	.016	10	DL302662	DL302678	DL302662-D
○	.018	10	DL302663	DL302679	DL302663-D
□	.017 x .025	10	DL302670	DL302686	DL302670-D
□	.018 x .025	10	DL302673	DL302689	DL302673-D

	inch	Package Contains	Natural-Form Anterior NiTi / Posterior SS		Natural-Form Anterior NiTi / Posterior TMA**	
			Upper	Lower	Upper	Lower
○	.012	10	DL302900*	DL302910*	DL302920*	DL302930*
○	.016	10	DL302901*	DL302911*	DL302921*	DL302931*
○	.018	10	DL302902*	DL302912*	DL302922*	DL302932*
□	.016 x .016	10	DL302903*	DL302913*	DL302923*	DL302933*
□	.016 x .022	10	DL302904*	DL302914*	DL302924*	DL302934*
□	.017 x .025	10	DL302905*	DL302915*	DL302925*	DL302935*
□	.018 x .025	10	DL302906*	DL302916*	DL302926*	DL302936*

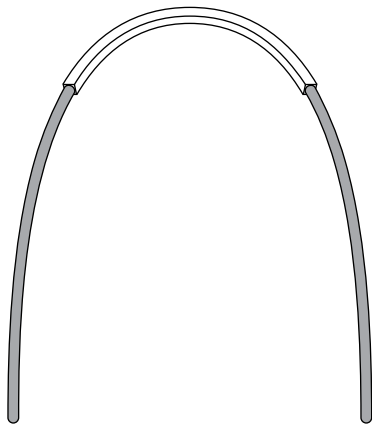
* Insert preferred millimeter size, available in 2mm increments in sizes for:

- The Anterior Length for upper archwires are available from 34 to 44
- The Anterior Length for lower archwires are available from 22 to 32

Double-Efficacy Archwires

Double-Efficacy

Double-Efficacy archwires have a two parted cross-section. Precisely produced from a single piece of wire, the Double-Efficacy archwire offers a square or rectangular cross-section in the anterior part and a round cross-section in the posterior part. Thus in the front segment a perfect torque control of the incisors is possible, while in the posterior segment a minimized friction can be ensured. Effective and efficient sliding mechanics allow quick successes during space closure stage. Due to the use of high-quality materials the most different requirements regarding strength and rigidity can be fulfilled with Double-Efficacy archwires. The wires are available as NiTi, TMA, Multi- TMA or Stainless Steel in all dentalline arch forms.



Anterior part with rectangular crosssection for perfect torque control.



Posterior part with round cross-section to minimize the friction.

Stainless Steel

	Posterior Ø in inch	Anterior Ø in inch	Anterior-Length	Package Contains	Natural-Form	
					Upper	Lower
□	.018	.018 x .018	26 mm	10	-	DL307400
□	.018	.018 x .018	28 mm	10	-	DL307401
□	.018	.018 x .018	34 mm	10	DL307402	-
□	.018	.018 x .018	38 mm	10	DL307403	-
□	.018	.018 x .022	26 mm	10	-	DL307100
□	.018	.018 x .022	28 mm	10	-	DL307101
□	.018	.018 x .022	34 mm	10	DL307102	-
□	.018	.018 x .022	38 mm	10	DL307103	-
□	.019	.019 x .025	26 mm	10	-	DL307140
□	.019	.019 x .025	28 mm	10	-	DL307141
□	.019	.019 x .025	34 mm	10	DL307142	-
□	.019	.019 x .025	38 mm	10	DL307143	-
□	.021	.021 x .025	26 mm	10	-	DL307440
□	.021	.021 x .025	28 mm	10	-	DL307441
□	.021	.021 x .025	34 mm	10	DL307442	-
□	.021	.021 x .025	38 mm	10	DL307443	-
□	.022	.022 x .022	26 mm	10	-	DL307405
□	.022	.022 x .022	28 mm	10	-	DL307406
□	.022	.022 x .022	34 mm	10	DL307407	-
□	.022	.022 x .022	38 mm	10	DL307408	-

NiTi

	Posterior Ø in inch	Anterior Ø in inch	Anterior-Length	Package Contains	Natural-Form	
					Upper	Lower
□	.018	.018 x .018	26 mm	10	-	DL307410
□	.018	.018 x .018	28 mm	10	-	DL307411
□	.018	.018 x .018	34 mm	10	DL307412	-
□	.018	.018 x .018	38 mm	10	DL307413	-
□	.022	.022 x .022	26 mm	10	-	DL307415
□	.022	.022 x .022	28 mm	10	-	DL307416
□	.022	.022 x .022	34 mm	10	DL307417	-
□	.022	.022 x .022	38 mm	10	DL307418	-

TMA*

	Posterior Ø in inch	Anterior Ø in inch	Anterior-Length	Package Contains	Natural-Form	
					Upper	Lower
□	.018	.018 x .018	26 mm	10	-	DL307420
□	.018	.018 x .018	28 mm	10	-	DL307421
□	.018	.018 x .018	34 mm	10	DL307422	-
□	.018	.018 x .018	38 mm	10	DL307423	-
□	.019	.019 x .025	34 mm	10	-	-
□	.019	.019 x .025	38 mm	10	-	-
□	.022	.022 x .022	26 mm	10	-	DL307425
□	.022	.022 x .022	28 mm	10	-	DL307426
□	.022	.022 x .022	34 mm	10	DL307427	-
□	.022	.022 x .022	38 mm	10	DL307428	-

Multi-TMA*

	Posterior Ø in inch	Anterior Ø in inch	Anterior-Length	Package Contains	Natural-Form	
					Upper	Lower
□	.021	.021 x .025	26 mm	10	-	DL307475
□	.021	.021 x .025	28 mm	10	-	DL307476
□	.021	.021 x .025	34 mm	10	DL307477	-
□	.021	.021 x .025	38 mm	10	DL307478	-
□	.022	.022 x .022	26 mm	10	-	DL307435
□	.022	.022 x .022	28 mm	10	-	DL307436
□	.022	.022 x .022	34 mm	10	DL307437	-
□	.022	.022 x .022	38 mm	10	DL307438	-

Other archwire forms on request.

* Damon is a registered trademark of the Ormco Corporation.

* TMA, and Damon are registered trademarks of the Ormco Corporation.

Aesthetic Archwires

NiTi-SE - tooth coloured or white

Due to its permanent tooth-coloured and/or white synthetic coating this superelastic NiTi archwire represents the optimal choice for aesthetic treatments. Like the classical NiTi wire from dentalline it offers the same excellent quality characteristics. Thus the extremely smooth surface ensures the effective transfer of forces with minimized friction. Due to the high flexibility an easy ligating is realizable

	inch	Package Contains	Natural-Form white		Natural-Form tooth-coloured	
			Upper	Lower	Upper	Lower
○	.010	10	DL303500	DL303523	DL303000	DL303010
○	.012	10	DL303501	DL303506	DL303001	DL303006
○	.014	10	DL303502	DL303507	DL303002	DL303007
○	.016	10	DL303503	DL303508	DL303003	DL303008
○	.018	10	DL303504	DL303509	DL303004	DL303009
○	.020	10	DL303505	DL303510	DL303005	DL303019
□	.014 x .025	10	DL303521	DL303522	DL303011	DL303022
□	.016 x .016	10	DL303530	DL303531	DL303012	DL303024
□	.016 x .022	10	DL303511	DL303514	DL303013	DL303025
□	.017 x .025	10	DL303512	DL303515	DL303016	DL303028
□	.018 x .018	10	DL303528	DL303529	DL303026	DL303027
□	.018 x .025	10	DL303513	DL303516	DL303017	DL303029
□	.019 x .025	10	DL303532	DL303535	DL303020	DL303032
□	.020 x .020	10	DL303519	DL303520	DL303018	DL303034
□	.021 x .025	10	DL303517	DL303518	DL303035	DL303036

All wires are availanle in Euro (-E), Natural2 (-N2) and Damon (-D) Forms. Please add the corresponding shortcut behind the order number of the Natural Form.
All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.

NiTi Light Force - tooth coloured or white

	inch	Package Contains	Natural-Form white		Natural-Form tooth-coloured	
			Upper	Lowerr	Upper	Lower
○	.012	10	DL309251	DL309258	DL309201	DL309208
○	.014	10	DL309253	DL309260	DL309203	DL309210
○	.016	10	DL309254	DL309261	DL309204	DL309211
○	.018	10	DL309255	DL309262	DL309205	DL309212
□	.014 x .025	10	DL309264	DL309276	DL309214	DL309226
□	.016 x .016	10	DL309265	DL309277	DL309215	DL309227
□	.016 x .022	10	DL309266	DL309278	DL309216	DL309228
□	.017 x .025	10	DL309269	DL309281	DL309219	DL309231
□	.018 x .018	10	DL309270	DL309282	DL309220	DL309232
□	.018 x .025	10	DL309272	DL309284	DL309222	DL309234
□	.019 x .025	10	DL309273	DL309285	DL309223	DL309235

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.
Other archwire forms like Euro*(-E) and Damon*(-D) -Form on request.

* Damon is a registered trademark of the Ormco Corporation.

NiTi Thermally - tooth coloured or white

	inch	Package Contains	Natural-Form white		Natural-Form tooth-coloured	
			Upper	Lower	Upper	UK
○	.012	10	DL301651	DL301658	DL301601	DL301608
○	.014	10	DL301653	DL301660	DL301603	DL301610
○	.016	10	DL301654	DL301661	DL301604	DL301611
○	.018	10	DL301655	DL301662	DL301605	DL301612
□	.016 x .016	10	DL301665	DL301677	DL301615	DL301627
□	.016 x .022	10	DL301666	DL301678	DL301616	DL301628
□	.017 x .025	10	DL301669	DL301681	DL301619	DL301631
□	.018 x .018	10	DL301670	DL301682	DL301620	DL301632
□	.018 x .025	10	DL301672	DL301684	DL301622	DL301634
□	.019 x .025	10	DL301673	DL301685	DL301623	DL301635

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.
More archwire forms like Euro*(-E) and Damon*(-D) -Form on request.

NiTi Thermally Plus - tooth coloured or white

	inch	Package Contains	Natural-Form white		Natural-Form tooth-coloured	
			Upper	Lower	-upper	Lower
○	.012	10	DL301751	DL301758	DL301701	DL301708
○	.014	10	DL301753	DL301760	DL301703	DL301710
○	.016	10	DL301754	DL301761	DL301704	DL301711
○	.018	10	DL301755	DL301762	DL301705	DL301712
○	.020	10	DL301756	DL301763	DL301706	DL301713
□	.014 x .025	10	DL301764	DL301776	DL301714	DL301726
□	.016 x .016	10	DL301765	DL301777	DL301715	DL301727
□	.016 x .022	10	DL301766	DL301778	DL301716	DL301728
□	.017 x .025	10	DL301769	DL301781	DL301719	DL301731
□	.018 x .018	10	DL301770	DL301782	DL301720	DL301732
□	.018 x .025	10	DL301772	DL301784	DL301722	DL301734
□	.019 x .025	10	DL301773	DL301785	DL301723	DL301735
□	.021 x .025	10	DL301775	DL301787	DL301725	DL301737

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the corresponding order number.
All wires are available in Euro (-E) and Damon (-D) Forms. Please add the corresponding shortcut behind the order number of the Natural Form.

* Damon is a registered trademark of the Ormco Corporation.

Stainless Steel - tooth coloured or white

	inch	Package Contains	Natural-Form white		Natural-Form tooth-coloured	
			Upper	Lower	Upper	Lower
○	.012	10	DL304751	DL304758	DL304701	DL304708
○	.014	10	DL304753	DL304760	DL304703	DL304710
○	.016	10	DL304754	DL304761	DL304704	DL304711
○	.018	10	DL304755	DL304762	DL304705	DL304712
○	.020	10	DL304756	DL304763	DL304706	DL304713
□	.016 x .016	10	DL304765	DL304777	DL304715	DL304727
□	.016 x .022	10	DL304766	DL304778	DL304716	DL304728
□	.017 x .025	10	DL304769	DL304781	DL304719	DL304731
□	.018 x .018	10	DL304770	DL304782	DL304720	DL304732
□	.018 x .025	10	DL304772	DL304784	DL304722	DL304734
□	.019 x .025	10	DL304773	DL304785	DL304723	DL304735
□	.020 x .020	10	DL304774	DL304786	DL304724	DL304736
□	.021 x .025	10	DL304775	DL304787	DL304725	DL304737

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the order number.
All wires are available in Euro (-E), and Damon* (-D) Forms. Please add the corresponding shortcut behind the order number of the Natural Form.

Rhodium coated Archwires

This new, rhodium-coated archwire optically improves white-silver shimmering and ensures perfect aesthetics. Applicable in every stage of multiband treatment, Plated convinces besides due to a special procedure to the refinement of the wire surface with best sliding qualities, so that the friction between bracket and archwire was minimized and losses when transferring working forces significantly were reduced. For more effective and faster treatment results. Beyond that the special manufacturing process of this wire guarantees a permanent stability of the coating. Plated archwires are available as superelastic NiTi, Stainless Steel or TMA.

NiTi-SE

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form universal
			Upper	Lower	Upper	Lower	
○	.010	10	DL303300	DL303307	DL303300-E	DL303307-E	DL303300-D
○	.012	10	DL303301	DL303308	DL303301-E	DL303308-E	DL303301-D
○	.014	10	DL303303	DL303310	DL303303-E	DL303310-E	DL303303-D
○	.016	10	DL303304	DL303311	DL303304-E	DL303311-E	DL303304-D
○	.018	10	DL303305	DL303312	DL303305-E	DL303312-E	DL303305-D
○	.020	10	DL303306	DL303313	DL303306-E	DL303313-E	DL303306-D
□	.014 x .025	10	DL303314	DL303326	DL303314-E	DL303326-E	DL303314-D
□	.016 x .016	10	DL303315	DL303327	DL303315-E	DL303327-E	DL303315-D
□	.016 x .022	10	DL303316	DL303328	DL303316-E	DL303328-E	DL303316-D
□	.017 x .022	10	DL303318	DL303330	DL303318-E	DL303330-E	DL303318-D
□	.017 x .025	10	DL303319	DL303331	DL303319-E	DL303331-E	DL303319-D
□	.018 x .018	10	DL303320	DL303332	DL303320-E	DL303332-E	DL303320-D
□	.018 x .025	10	DL303322	DL303334	DL303322-E	DL303334-E	DL303322-D
□	.019 x .025	10	DL303323	DL303335	DL303323-E	DL303335-E	DL303323-D
□	.020 x .020	10	DL303324	DL303336	DL303324-E	DL303336-E	DL303324-D

All wires are available in Oval (-O) and Standard (-ST) Forms. Please add the corresponding shortcut behind the order number of the Natural Form.

Stainless Steel

	inch	Package Contains	Natural-Form		Euro-Form		Damon*-Form	
			Upper	Lower	Upper	Lower	Upper	Lower
○	.012	10	DL303201	DL303208	DL303201-E	DL303208-E	DL303201-D	DL303208-D
○	.013	10	DL303202	DL303209	DL303202-E	DL303209-E	DL303202-D	DL303209-D
○	.014	10	DL303203	DL303210	DL303203-E	DL303210-E	DL303203-D	DL303210-D
○	.016	10	DL303204	DL303211	DL303204-E	DL303211-E	DL303204-D	DL303211-D
○	.018	10	DL303205	DL303212	DL303205-E	DL303212-E	DL303205-D	DL303212-D
○	.020	10	DL303206	DL303213	DL303206-E	DL303213-E	DL303206-D	DL303213-D
□	.016 x .016	10	DL303215	DL303227	DL303215-E	DL303227-E	DL303215-D	DL303227-D
□	.016 x .022	10	DL303216	DL303228	DL303216-E	DL303228-E	DL303216-D	DL303228-D
□	.017 x .025	10	DL303219	DL303231	DL303219-E	DL303231-E	DL303219-D	DL303231-D
□	.018 x .018	10	DL303220	DL303232	DL303220-E	DL303232-E	DL303220-D	DL303232-D
□	.018 x .025	10	DL303222	DL303234	DL303222-E	DL303234-E	DL303222-D	DL303234-D
□	.019 x .025	10	DL303223	DL303235	DL303223-E	DL303235-E	DL303223-D	DL303235-D
□	.020 x .020	10	DL303224	DL303236	DL303224-E	DL303236-E	DL303224-D	DL303236-D
□	.021 x .025	10	DL303225	DL303237	DL303225-E	DL303237-E	DL303225-D	DL303237-D

All wires are available in Oval (-O) Form. Please add the corresponding shortcut behind the order number of the Natural Form.

* Damon is a registered trademark of the Ormco Corporation.

* Damon is a registered trademark of the Ormco Corporation.

Twisted Archwires

NiTi Ortho-Kabel 7 Twist™



Used in the lower anterior segment crowding case with the target position by lower incisors upright or lingual movement.



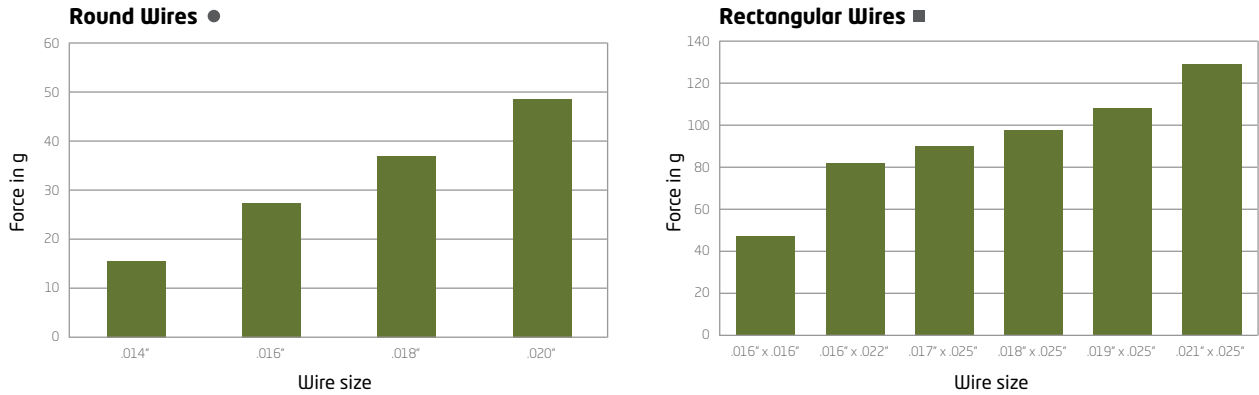
Image from a scanning electron microscope (200x magnification) of the surface quality of NiTi Ortho-Kabel 7 Twist™ with round cross-section.

The NiTi Ortho-Kabel 7 Twist™ archwire provides an excellent anti-deformation property. It is a special 7-strand coaxial archwire that maintains its wire shape unchanged due to its very high resilience during the whole therapeutical period.

The extraordinary soft, flexible NiTi Ortho-Kabel 7 Twist™ is available as round and rectangular wire and applies very gentle forces with high patient comfort. It is easy to engage, even in the most severe crowding cases, which makes it the ideal initial wire. If first tasks of torquing are already to be realized during levelling, the use of rectangular wires is recommended. The unique wire structure and special polished wire surface ensure enhanced sliding mechanics.

NiTi Ortho-Kabel 7 Twist™ archwires are available as preformed or in straight length. In order to prevent wire unwinding after shortening, the use of dentalline titanium stops is recommended.

COMPARISON OF THE RECOVERY FORCE OF NITI ORTHO-KABEL 7 TWIST™ ARCHWIRE WITH ROUND AND RECTANGULAR CROSS-SECTION.



NiTi Ortho-Kabel 7 Twist™ - superelastic, 7-strand (twisted)

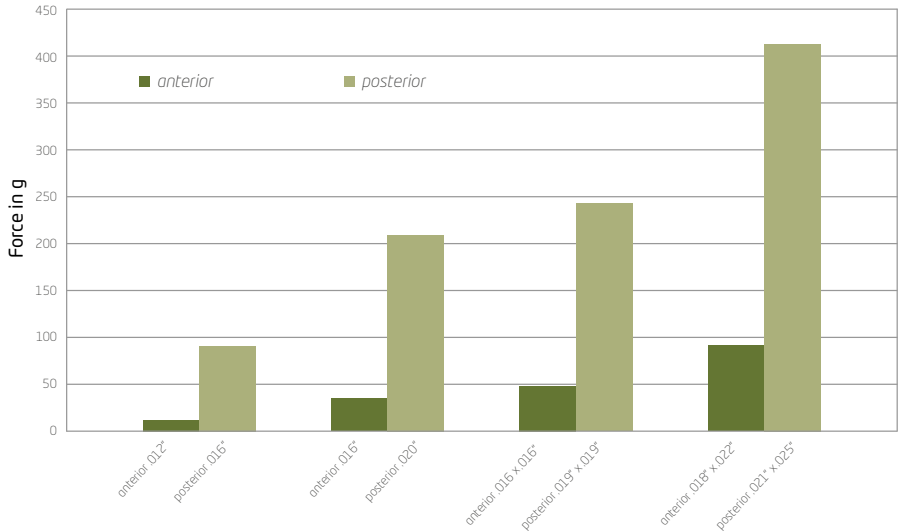
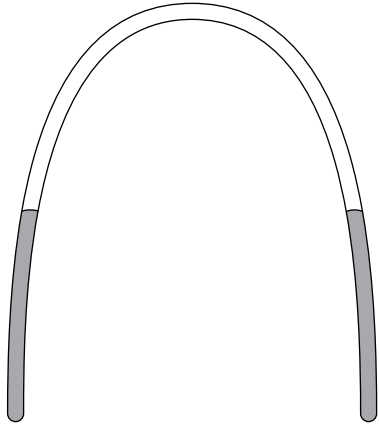
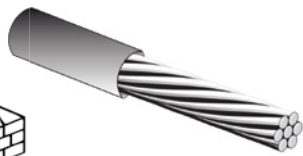
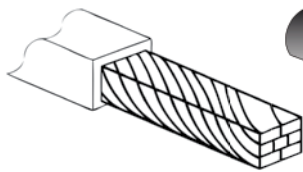


	inch	Package Contains	Natural-Form	
			Upper	Lower
○	.012	10	DL302700	DL302730
○	.013	10	DL302701	DL302731
○	.014	10	DL302702	DL302732
○	.0155	10	DL302703	DL302733
○	.016	10	DL302704	DL302734
○	.0175	10	DL302705	DL302735
○	.018	10	DL302706	DL302736
○	.0195	10	DL302707	DL302737
○	.020	10	DL302708	DL302738
○	.0215	10	DL302709	DL302739
□	.016 x .022	10	DL302786	DL302792
□	.017 x .025	10	DL302787	DL302793
□	.018 x .025	10	DL302788	DL302794
□	.019 x .025	10	DL302789	DL302795
□	.021 x .025	10	DL302790	DL302796

All wires are also available in bulk package 100 pcs/pack. Please add „100“ behind the order number. Other archwire forms on request.

NiTi Never Unwinding Ortho-Kabel 7 Twist™

Contrary to the standard version this extended 7-strand coaxial archwire has a large sized, solid posterior segment. This special processed wire segment provides a higher stiffness for better anchorage control. The NiTi Never Unwinding Ortho-Kabel 7 Twist™ ensures an easy ligating process and never unwinding in the posterior.



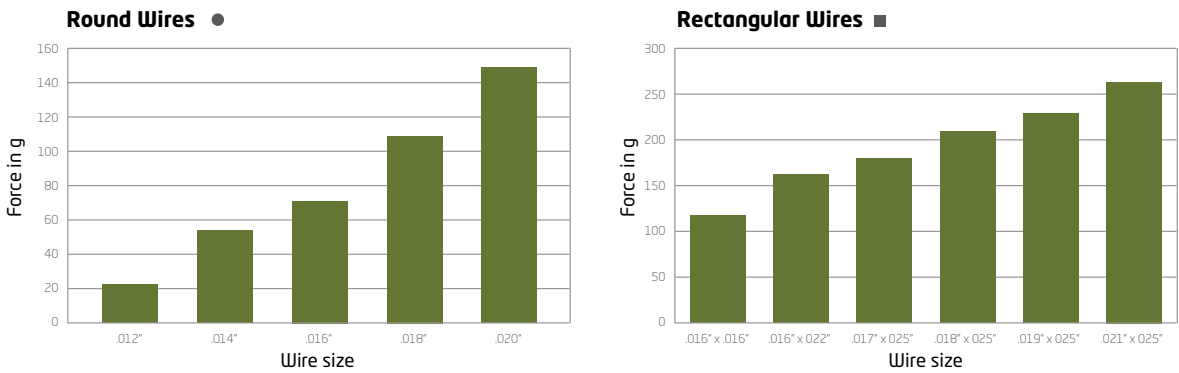
← Comparison of the recovery force in the anterior and posterior segment of NiTi Never Unwinding Ortho-Kabel 7 Twist™ archwires

	Anterior/ Posterior	Package Contains	Natural-Form			
			Length anterior 36 mm	Length anterior 38 mm	Length anterior 56mm	length anterior 58mm
○	.013 / .016	10	DL300700	DL300720	DL300740	DL300760
○	.014 / .017	10	DL300701	DL300721	DL300741	DL300761
○	.015 / .018	10	DL300702	DL300722	DL300742	DL300762
○	.016 / .019	10	DL300703	DL300723	DL300743	DL300763
○	.017 / .020	10	DL300704	DL300724	DL300744	DL300764
□	.016 x .016 / .020 x .020	10	DL300706	DL300726	DL300746	DL300766
□	.017 x .017 / .021 x .021	10	DL300708	DL300728	DL300748	DL300768
□	.018 x .018 / .022 x .022	10	DL300710	DL300730	DL300750	DL300770

Other archwire forms like Euro*(-E) and Damon*(-D) -Form on request.

Stainless Steel Ortho-Kabel 7 Twist™

The 7-strand coaxial Ortho-Kabel 7 Twist™ is available with round or square/rectangular cross-section. Manufactured of biocompatible Stainless Steel, the easy to shape wire with high resilience provides an application of low forces. This makes it the ideal wire in the finishing stage of a multiband treatment (e.g. remaining torque). Besides the Ortho-Kabel 7 Twist™ Stainless Steel archwire can be alternatively to the NiTi Ortho-Kabel 7 Twist™ used as initial wire or as retainer wire after treatment. The unique wire structure as well as the during a special refinement process optimized surface ensure best mechanical sliding qualities. Ortho-Kabel 7 Twist™ Stainless Steel archwires are available preformed and in straight length.



Stainless Steel, 7-strand (twisted)

	inch	Package Contains	Natural-Form	
			Upper	Lower
○	.014	10	DL302802	DL302832
○	.0155	10	DL302803	DL302833
○	.016	10	DL302804	DL302834
○	.0175	10	DL302805	DL302835
○	.0195	10	DL302807	DL302837
○	.0215	10	DL302809	DL302839
□	.016 x .016	10	DL302885	DL302891
□	.016 x .022	10	DL302886	DL302892
□	.017 x .025	10	DL302887	DL302893
□	.018 x .025	10	DL302888	DL302894
□	.019 x .025	10	DL302889	DL302895
□	.021 x .025	10	DL302890	DL302896

More archwire forms on request.

Stainless Steel, 3-strand (twisted)

Profil	inch	VE	Natural-Form		Standard-Form	
			OK	UK	OK	UK
○	.0155	10	DL305001	DL305006	DL305101	DL305106
○	.0175	10	DL305002	DL305007	DL305102	DL305107
○	.0195	10	DL305003	DL305008	DL305103	DL305108
○	.0215	10	DL305004	DL305009	DL305104	DL305109
□	.016 x .016	10	DL305012	DL305024	DL305112	DL305124
□	.016 x .022	10	DL305013	DL305025	DL305113	DL305125
□	.017 x .025	10	DL305014	DL305026	DL305114	DL305126
□	.018 x .025	10	DL305015	DL305027	DL305115	DL305127
□	.019 x .025	10	DL305016	DL305028	DL305116	DL305128

Stainless Steel, 8-strand (woven)

	inch	Package Contains	Natural-Form		Standard-Form	
			Upper	Lower	Upper	Lower
□	.016 x .016	10	DL305412	DL305424	DL305512	DL305524
□	.016 x .022	10	DL305413	DL305425	DL305513	DL305525
□	.017 x .025	10	DL305414	DL305426	DL305514	DL305526
□	.018 x .025	10	DL305415	DL305427	DL305515	DL305527
□	.019 x .025	10	DL305416	DL305428	DL305516	DL305528
□	.021 x .025	10	DL305417	DL305429	DL305517	DL305529

Stainless Steel, Straight Post wires

Length of the straight post: 5,5 mm

	Length anterior	Package Contains	Natural-Form						
			.018	.020	.016 x .016	.016 x .022	.017 x .025	.018 x .025	.019 x .025
Lower	22 mm	10	DL304401	DL304420	DL304220	DL304201	DL304240	DL304260	DL304280
	24 mm	10	DL304402	DL304421	DL304221	DL304202	DL304241	DL304261	DL304281
	26 mm	10	DL304403	DL304422	DL304222	DL304203	DL304242	DL304262	DL304282
	28 mm	10	DL304404	DL304423	DL304223	DL304204	DL304243	DL304263	DL304283
	30 mm	10	DL304405	DL304424	DL304224	DL304205	DL304244	DL304264	DL304284
	32 mm	10	DL304406	DL304425	DL304225	DL304206	DL304245	DL304265	DL304285
Upper	34mm	10	DL304407	DL304426	DL304226	DL304207	DL304246	DL304266	DL304286
	36mm	10	DL304408	DL304427	DL304227	DL304208	DL304247	DL304267	DL304287
	38mm	10	DL304409	DL304428	DL304228	DL304209	DL304248	DL304268	DL304288
	40mm	10	DL304410	DL304429	DL304229	DL304210	DL304249	DL304269	DL304289
	42mm	10	DL304411	DL304430	DL304230	DL304211	DL304250	DL304270	DL304290
	44mm	10	DL304412	DL304431	DL304231	DL304212	DL304251	DL304271	DL304291

	Length anterior	Package Contains	Damon*-Form	
			.016 x .025	.019 x .025
Lower	22 mm	10	DL304340	DL304380
	24 mm	10	DL304341	DL304381
	26 mm	10	DL304342	DL304382
	28 mm	10	DL304343	DL304383
	30 mm	10	DL304344	DL304384
	32 mm	10	DL304345	DL304385
Upper	34mm	10	DL304346	DL304386
	36mm	10	DL304347	DL304387
	38mm	10	DL304348	DL304388
	40mm	10	DL304349	DL304389
	42mm	10	DL304350	DL304390
	44mm	10	DL304351	DL304391

Note: Single Packagings is not available for posted archwires.

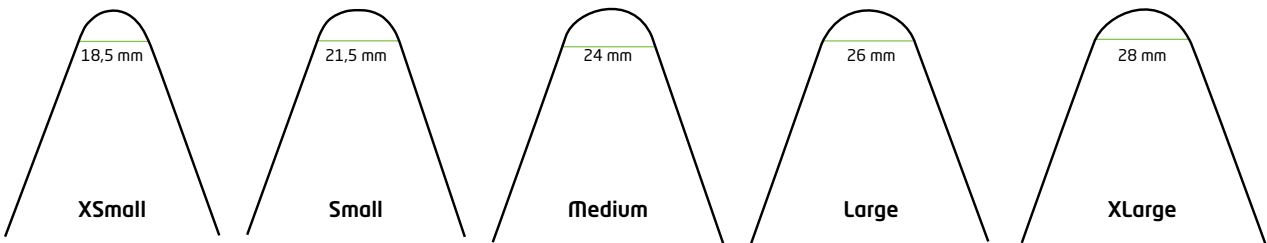
* Damon is a registered trademark of the Ormco Corporation.

Colbology™ Blue, Nickel Cobalt Archwires

Colbology™ Blue Nickel Cobalt wire is a unique alloy. Colbology™ Blue allows intricate bending and if desired maybe heat treatet after formation to increase tensile strength and resiliency.

	inch	Package Contains	Natural-Form	
			OK	UK
○	.014	10	DL310050	DL310051
○	.016	10	DL310052	DL310053
○	.018	10	DL310054	DL310055
□	.016 x .016	10	DL310060	DL310061
□	.016 x .022	10	DL310062	DL310063
□	.017 x .025	10	DL310064	DL310065
□	.018 x .025	10	DL310066	DL310067
□	.019 x .025	10	DL310068	DL310069
□	.021 x .025	10	DL310070	DL310071

Lingual Archwires



Standard Forms

dentalline introduces a comprehensive line of Lingual Archwires developed to meet the challenging mechanics of modern lingual treatment. Various alloys (NiTi-SE, Stainless Steel, Thermally Plus and TMA) as well different archwire forms (Standard and Mushroom) are offered to maximize treatment efficiencies in the narrow interbracket dimensions of lingual orthodontic treatment. You will find an overview about the actual sizes on page 56.

NiTi-SE

	inch	Package Contains	XSmall	Small	Medium	Large	XLarge
○	.012	10	DL300501	DL300501-S	DL300501-M	DL300501-L	DL300501-XL
○	.013	10	DL300502	DL300502-S	DL300502-M	DL300502-L	DL300502-XL
○	.014	10	DL300503	DL300503-S	DL300503-M	DL300503-L	DL300503-XL
○	.016	10	DL300504	DL300504-S	DL300504-M	DL300504-L	DL300504-XL
○	.018	10	DL300505	DL300505-S	DL300505-M	DL300505-L	DL300505-XL
○	.020	10	DL300506	DL300506-S	DL300506-M	DL300506-L	DL300506-XL
□	.016 x .016	10	DL300511	DL300511-S	DL300511-M	DL300511-L	DL300511-XL
□	.016 x .022	10	DL300512	DL300512-S	DL300512-M	DL300512-L	DL300512-XL
□	.016 x .025	10	DL300513	DL300513-S	DL300513-M	DL300513-L	DL300513-XL
□	.017 x .022	10	DL300514	DL300514-S	DL300514-M	DL300514-L	DL300514-XL
□	.017 x .025	10	DL300515	DL300515-S	DL300515-M	DL300515-L	DL300515-XL
□	.018 x .022	10	DL300517	DL300517-S	DL300517-M	DL300517-L	DL300517-XL
□	.018 x .025	10	DL300516	DL300516-S	DL300516-M	DL300516-L	DL300516-XL

Stainless Steel

	inch	Package Contains	XSmall	Small	Medium	Large	XLarge
□	.016 x .022	10	DL300532	DL300532-S	DL300532-M	DL300532-L	DL300532-XL
□	.017 x .025	10	DL300535	DL300535-S	DL300535-M	DL300535-L	DL300535-XL
□	.018 x .022	10	DL300537	DL300537-S	DL300537-M	DL300537-L	DL300537-XL
□	.018 x .025	10	DL300539	DL300539-S	DL300539-M	DL300539-L	DL300539-XL

NiTi Thermally plus

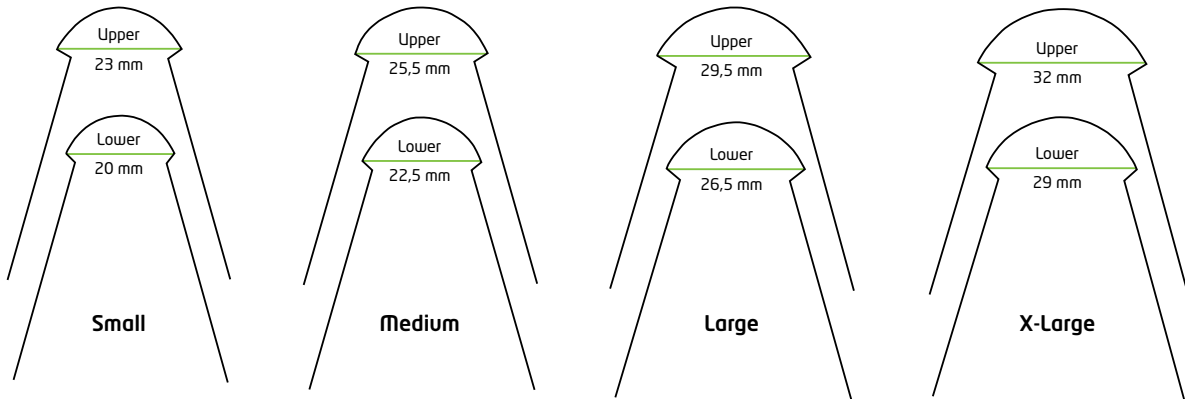
	inch	Package Contains	XSmall	Small	Medium	Large	XLarge
○	.013	10	DL300542	DL300542-S	DL300542-M	DL300542-L	DL300542-XL
○	.016	10	DL300544	DL300544-S	DL300544-M	DL300544-L	DL300544-XL
○	.018	10	DL300545	DL300545-S	DL300545-M	DL300545-L	DL300545-XL
□	.016 x .022	10	DL300552	DL300552-S	DL300552-M	DL300552-L	DL300552-XL
□	.016 x .025	10	DL300553	DL300553-S	DL300553-M	DL300553-L	DL300553-XL
□	.017 x .017	10	DL300554	DL300554-S	DL300554-M	DL300554-L	DL300554-XL
□	.017 x .025	10	DL300555	DL300555-S	DL300555-M	DL300555-L	DL300555-XL
□	.018 x .018	10	DL300556	DL300556-S	DL300556-M	DL300556-L	DL300556-XL

T.M.A.*

	inch	Package Contains	XSmall	Small	Medium	Large	XLarge
○	.016	10	DL300560	DL300560-S	DL300560-M	DL300560-L	DL300560-XL
○	.018	10	DL300561	DL300561-S	DL300561-M	DL300561-L	DL300561-XL
□	.016 x .016	10	DL300573	DL300573-S	DL300573-M	DL300573-L	DL300573-XL
□	.016 x .025	10	DL300574	DL300574-S	DL300574-M	DL300574-L	DL300574-XL
□	.017 x .017	10	DL300575	DL300575-S	DL300575-M	DL300575-L	DL300575-XL
□	.0175 x .0175	10	DL300571	DL300571-S	DL300571-M	DL300571-L	DL300571-XL
□	.017 x .025	10	DL300570	DL300570-S	DL300570-M	DL300570-L	DL300570-XL
□	.018 x .018	10	DL300572	DL300572-S	DL300572-M	DL300572-L	DL300572-XL

All wires are also available in bulk package 100 pcs/pack. Please add „-100“ behind the order number.

Mushroom Forms



NiTi-SE

	inch	Package Contains	Small		Medium		Large		XLarge	
			Upper (23 mm)	Lower (20 mm)	Upper (25,5 mm)	Lower (22,5 mm)	Upper (29,5 mm)	Lower (26,5 mm)	Upper (32 mm)	Lower (29 mm)
○	.013	10	DL300450	DL300455	DL300460	DL300465	DL300470	DL300475	DL300480	DL300485
○	.014	10	DL300451	DL300456	DL300461	DL300466	DL300471	DL300476	DL300481	DL300486
○	.016	10	DL300452	DL300457	DL300462	DL300467	DL300472	DL300477	DL300482	DL300487
○	.018	10	DL300453	DL300458	DL300463	DL300468	DL300473	DL300478	DL300483	DL300488
○	.020	10	DL300454	DL300459	DL300464	DL300469	DL300474	DL300479	DL300484	DL300489

NiTi Ortho Kabel 7Twist™

	inch	Package Contains	Small		Medium		Large		XLarge	
			Upper (23 mm)	Lower (20 mm)	Upper (25,5 mm)	Lower (22,5 mm)	Upper (29,5 mm)	Lower (26,5 mm)	Upper (32 mm)	Lower (29 mm)
○	.013	10	DL302750	DL302755	DL302760	DL302765	DL302770	DL302775	DL302780	DL302785
○	.014	10	DL302751	DL302756	DL302761	DL302766	DL302771	DL302776	DL302781	DL302786
○	.016	10	DL302752	DL302757	DL302762	DL302767	DL302772	DL302777	DL302782	DL302787
○	.018	10	DL302753	DL302758	DL302763	DL302768	DL302773	DL302778	DL302783	DL302788
○	.020	10	DL302754	DL302759	DL302764	DL302769	DL302774	DL302779	DL302784	DL302789

* T.M.A. is a registered trademark of theOrmco Corporation.

NiTi Thermally

	inch	Package Contains	Small		Medium		Large		XLarge	
			Upper (23 mm)	Lower(20 mm)	Upper (25,5 mm)	Lower (22,5 mm)	Upper (29,5 mm)	Lower (26,5 mm)	Upper (32 mm)	Lower (29 mm)
○	.012	10	DL301100	DL301105	DL301110	DL301115	DL301120	DL301125	DL301130	DL301135
○	.013	10	DL301101	DL301106	DL301111	DL301116	DL301121	DL301126	DL301131	DL301136
○	.014	10	DL301102	DL301107	DL301112	DL301117	DL301122	DL301127	DL301132	DL301137
○	.016	10	DL301103	DL301108	DL301113	DL301118	DL301123	DL301128	DL301133	DL301138
○	.018	10	DL301104	DL301109	DL301114	DL301119	DL301124	DL301129	DL301134	DL301139

NiTi Thermally Plus

	inch	Package Contains	Small		Medium		Large		XLarge	
			Upper (23 mm)	Lower(20 mm)	Upper (25,5 mm)	Lower (22,5 mm)	Upper (29,5 mm)	Lower (26,5 mm)	Upper (32 mm)	Lower (29 mm)
○	.012	10	DL301140	DL301145	DL301150	DL301155	DL301160	DL301165	DL301170	DL301175
○	.013	10	DL301141	DL301146	DL301151	DL301156	DL301161	DL301166	DL301171	DL301176
○	.014	10	DL301142	DL301147	DL301152	DL301157	DL301162	DL301167	DL301172	DL301177
○	.016	10	DL301143	DL301148	DL301153	DL301158	DL301163	DL301168	DL301173	DL301178
○	.018	10	DL301144	DL301149	DL301154	DL301159	DL301164	DL301169	DL301174	DL301179

Straight Lengths and Spools

NiTi-SE

Straight Lengths 14" / 36cm

	inch	Package Contains	Order Number
○	.010	10	DL310130
○	.012	10	DL310132
○	.014	10	DL310134
○	.016	10	DL310135
○	.018	10	DL310136
○	.020	10	DL310137
□	.014 x .025	10	DL310140
□	.016 x .016	10	DL310141
□	.016 x .022	10	DL310142
□	.017 x .025	10	DL310143
□	.018 x .018	10	DL310144
□	.018 x .025	10	DL310145
□	.019 x .025	10	DL310146
□	.021 x .025	10	DL310147

Spools 15 ft. / 4,57m

	inch	Package Contains	Order Number
○	.010	1	DL310227
○	.012	1	DL310229
○	.014	1	DL310231
○	.016	1	DL310232
○	.018	1	DL310233
○	.020	1	DL310234



Stainless Steel

Straight Lengths 14" / 36cm

	inch	Package Contains	Order Number
○	.012	25	DL310109
○	.014	25	DL310110
○	.016	25	DL310111
○	.018	25	DL310112
○	.020	25	DL310113
○	.022	25	DL310114
○	.024	25	DL310115
○	.026	25	DL310116
○	.028	25	DL310117
○	.030	25	DL310118
○	.032	25	DL310119
○	.036	25	DL310120
○	.040	25	DL310121
○	.045	25	DL310122
○	.051	25	DL310123
□	.016 x .016	25	DL310101
□	.016 x .022	25	DL310102
□	.017 x .025	25	DL310103
□	.018 x .018	25	DL310104
□	.018 x .022	25	DL310105
□	.018 x .025	25	DL310106
□	.019 x .025	25	DL310107
□	.021 x .025	25	DL310108

Stainless Steel - 3-strand (twisted)

Straight Lengths 14" / 36cm

	inch	Package Contains	Order Number
○	.0155	25	DL310509
○	.0175	25	DL310510
○	.0195	25	DL310511
○	.0215	25	DL310512
□	.016 x .016	25	DL310501
□	.016 x .022	25	DL310502
□	.017 x .025	25	DL310503
□	.018 x .025	25	DL310504
□	.019 x .025	25	DL310505
□	.021 x .025	25	DL310506

Spools 30 ft. / 9,14m

	inch	Package Contains	Order Number
○	.0155	1	DL310609
○	.0175	1	DL310610
○	.0195	1	DL310611
○	.0215	1	DL310612

*T.M.A. is a registered trademark of the Ormco Corporation.

Titan-Molybdenum-Alloy (T.M.A.*)

- nickelfree, to avoid nickel allergy
- provides an excellent form stability
- combine the workability of stainless steel with the flexibility and reduced force of Nicke Titanium
- can be bend through an orthodontic

Straight Lengths 14" / 36cm

	inch	Package Contains	Order Number
○	.014	10	DL302501
○	.016	10	DL302502
○	.018	10	DL302503
○	.020	10	DL302504
○	.027	10	DL302510
○	.032	10	DL302511
○	.036	10	DL302512
□	.014 x .025	10	DL302527
□	.016 x .022	10	DL302520
□	.017 x .022	10	DL302528
□	.017 x .025	10	DL302521
□	.0175 x .0175	10	DL302522
□	.018 x .025	10	DL302526
□	.019 x .025	10	DL302523
□	.021 x .025	10	DL302525

NiTi Ortho-Kabel 7 Twist™ - superelastic, 7-strand (twisted)

Straight Lengths 14" / 36cm

	inch	Package Contains	Order Number
○	.013	10	DL302721
○	.014	10	DL302722
○	.0155	10	DL302723
○	.016	10	DL302724
○	.0175	10	DL302725
○	.018	10	DL302726
○	.0195	10	DL302727
○	.020	10	DL302728
○	.0215	10	DL302729

Stainless Steel Ortho-Kabel 7 Twist™, 7-strand (twisted)

Straight Lengths 14" / 36cm

	inch	Package Contains	Order Number
○	.0155	10	DL302822
○	.0175	10	DL302825
○	.0195	10	DL302827
○	.0215	10	DL302829

MULTI-TMA™*

Straight Lengths 14" / 36cm

	inch	Package Contains	Order Number
○	.012	10	DL302600
○	.014	10	DL302601
○	.016	10	DL302602
○	.018	10	DL302603
○	.020	10	DL302604
□	.014 x .025	10	DL302605
□	.016 x .016	10	DL302606
□	.016 x .022	10	DL302607
□	.016 x .025	10	DL302608
□	.017 x .022	10	DL302609
□	.017 x .025	10	DL302610
□	.018 x .018	10	DL302611
□	.018 x .022	10	DL302612
□	.018 x .025	10	DL302613
□	.019 x .025	10	DL302614
□	.020 x .020	10	DL302615
□	.021 x .025	10	DL302616

Australian Wire

A.J. Wilcock® Australian Wire

For over fifty years, A.J. Wilcock® Australian Wire has been a house-hold name in orthodontics. The extraordinary properties of these wires are due to the research and fine engineering skills employed in the processing of the wires. Wilcock wires are well known for their resilience and ability to withstand masticatory forces as well as being able to maintain their shape even when auxiliaries and elastics are used. There is no other wire which opens the bite as effectively as Wilcock wire.

Choose the grade that best meets your clinical needs: (from stiff to stiffest):

REGULAR (Pink): Easiest to bend

REGULAR + (Green): Increased tensile strength, bends easily

SPECIAL (Blue): Higher force with minimal breakage

SPECIAL + (Yellow): Requires caution when bending to avoid fracture

PREMIUM (Purple): More difficult to bend - occasional breakage to be expected

PREMIUM + (Gold): Extremely resilient, not suitable for sharp bends

SUPREME (Beige): Highest degree of resiliency, not suitable for sharp bends



Spools 25 ft. / 7,6 m

	inch	Package Contains	Regular pink	Regular+ green	Spezial blue	Spezial+ yellow	Premium purple	Premium+ gold	Supreme beige
○	.009	1	-	-	-	-	-	-	DL320034
○	.010	1	-	-	-	-	-	DL320028	DL320035
○	.011	1	-	-	-	-	-	DL320029	DL320036
○	.012	1	DL320001	DL320006	DL320011	DL320016	DL320023	DL320030	-
○	.014	1	DL320002	DL320007	DL320012	DL320017	DL320024	DL320031	-
○	.016	1	DL320003	DL320008	DL320013	DL320018	DL320025	DL320032	-
○	.018	1	DL320004	DL320009	DL320014	DL320019	DL320026	DL320033	-
○	.020	1	DL320005	DL320010	DL320015	DL320020	DL320027	-	-
○	.022	1	-	-	-	DL320021	-	-	-
○	.024	1	-	-	-	DL320022	-	-	-

Straight Lengths 10" / 25,4 cm

	inch	Package Contains	Regular pink	Regular+ green	Spezial blue	Spezial+ yellow	Premium purple	Premium+ gold	Supreme beige
○	.008	30	-	-	-	-	-	-	DL320073
○	.009	30	-	-	-	-	-	-	DL320074
○	.010	30	-	-	-	-	-	DL320067	DL320075
○	.011	30	-	-	-	-	-	DL320068	DL320076
○	.012	30	DL320040	DL320045	DL320050	DL320055	DL320062	DL320069	-
○	.014	30	DL320041	DL320046	DL320051	DL320056	DL320063	DL320070	-
○	.016	30	DL320042	DL320047	DL320052	DL320057	DL320064	DL320071	-
○	.018	30	DL320043	DL320048	DL320053	DL320058	DL320065	DL320072	-
○	.020	30	DL320044	DL320049	DL320054	DL320059	DL320066	-	-
○	.022	30	-	-	-	DL320060	-	-	-
○	.024	30	-	-	-	DL320061	-	-	-
□	.016 x .016	30	-	-	DL320076	-	-	-	-
□	.016 x .022	30	-	-	DL320077	-	-	-	-
□	.017 x .022	30	-	-	DL320078	-	-	-	-
□	.017 x .025	30	-	-	DL320079	-	-	-	-
□	.018 x .022	30	-	-	DL320080	-	-	-	-
□	.019 x .025	30	-	-	DL320081	-	-	-	-
□	.021 x .025	30	-	-	DL320082	-	-	-	-
□	.0215 x .027	30	-	-	DL320083	-	-	-	-

Preformed Australian Archwires on request.

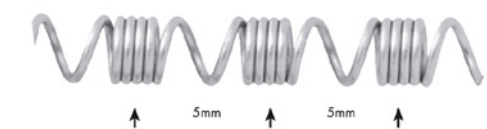
T.M.A. is a registered trademark of the Ormco Corporation.

Springs

NiTi-Molar Distalizing Open Coil Spring



A successful, non-compliance alternative to Headgear represents the NiTi Molar Distalizing Spring. Having an inside diameter of .045", the spring fits over all wire dimensions and ensures a light, but constant pressure for distalizing molars. The NiTi Molar Distalizing Spring is available in straight lengths 3 x 7" (17,8cm) per tube, in the wire diameter .010", and is easy to use—only measure, cut off and insert.



	Package Contains	Order Number
• Straight Lengths 3 x 7" (17,8 cm) per tube • .010" x .045"	3	DL390037

NiTi Open Coil Springs

- Constant forces
- Designed for open spaces
- Available in Straight Lengths or Spools

Spools, 21" / 54 cm

Wire diameter	Package Contains	Inside Diameter		
		.030	.036	.045
.008	1	DL390220	DL390227	-
.009	1	DL390221	DL390228	-
.010	1	DL390222	DL390229	DL390234
.011	1	DL390223	DL390230	-
.012	1	DL390224	DL390231	-
.013	1	DL390225	DL390232	-
.014	1	DL390226	DL390233	-

Straigth Lengths, 3 x 7" / 18 cm

Wire diameter	Package Contains	Inside Diameter		
		.030	.036	.045
.008	3	DL390200	DL390207	-
.009	3	DL390201	DL390208	-
.010	3	DL390202	DL390209	DL390214
.011	3	DL390203	DL390210	-
.012	3	DL390204	DL390211	DL390215
.013	3	DL390205	DL390212	-
.014	3	DL390206	DL390213	-
.016	3	-	DL390216	-
.018	3	-	DL390217	-

NiTi Closed Coil Springs with eyelets

- Constant pulling force
- High elastic and extremely stable in shape ring
- ideal tool solution of most diverse tasks of treatment
- .030" inside diameter fitw wire up to .017" x .025"

Length	Package Contains	Wire Diameter		
		.009	.010	.012
		Force of extension of 200%		
		light (140 gr.)	medium (200 gr.)	heavy (320 gr.)
6 mm	10	DL390019	DL390026	DL390028
9 mm	10	DL390027	DL390020	DL390022
12 mm	10	DL390029	DL390023	DL390025



TAD Closed Coil Spring

Length	Package Contains	Wire Diameter	
		.010	.012
6 mm	10	DL390044	DL390045
9 mm	10	DL390040	DL390042
12 mm	10	DL390047	DL390048



NiTi Closed Coil Spring on a Spool

Spool, 54 cm

Inside diameter	Package Contains	Wire Diameter	
		.006	.010
.022	1	DL390260	-
.030	1	-	DL390271



Crimpable Stops and Hooks

Mini Crimpable Stops - closed



Titan

Size		Package Contains	Order Number
1	For wires .010", .012", .013", .014"	20	DL500033
2	For wires .016", .018", .020"	20	DL500052
3	For wires .016" x .016", .017" x .017"	20	DL500034
4	For wires .016" x .022", .017" x .022", .018" x .018"	20	DL500053
5	For wires .018" x .022", .014" x .025", .020" x .020"	20	DL500025
6	For wires .016" x .025", .017" x .025", .018" x .025"	20	DL500026
7	For wires .019" x .025", .021" x .025"	20	DL500027

Tooth Coloured



Size		VE	Art.-Nr.
1	For round wires up to .018"	10	DL500045
2	For square wires up to .020" x .020" For rectangular wires up to .019" x .025"	10	DL500046

Mini- Crimpable Stops - open



Titan

Size		VE	Art.-Nr.
A	For wires from .010" to .020" and .016" x .016"	20	DL500066
B	For wires from .016" x .022" to .018" x .022" / .014" x .025" up to .021" x .025"	20	DL500054

MIM Crimpable Stops



DL500032

	Package Contains	Order Number
<ul style="list-style-type: none">• Stainless Steel• For round or rectangle wires .018" to .021" x 0.25"• Can be crimped in position with a plier or cutter	10	DL500032

Crimpable Surgical Hooks with ball

Stainless Steel

	Package Contains	Order Number
Short 1,3 mm	10	DL500039
Long 3,0 mm	10	DL500040

Tooth Coloured

	Package Contains	Order Number
Long 3,0 mm	20	DL500047



DL500039



DL500040



DL500047

Crimpable Arch Stops

	Package Contains	Order Number
For wires up to .018" x .025"	50	DL500067
For wires up to .022" x .028"	50	DL500068



Curved Crimpable Surgical Hooks

- Excellent for use with TAD mini-screw attachments
- Can be placed onto archwires inside or outside of the mouth

Length 4,3 mm

	Package Contains	Order Number
Left hook, for wires up to .022" x .028"	10	DL500048
Right hook for wires up to .022" x .028"	10	DL500049



DL500048



DL500049

Gripper™ Etched Crimpable Hooks

Once crimped hook remain securely in place due to the etched surface

- For wires up to .012" to .021" x .025"

	Package Contains	Order Number
Long 3,0 mm	20	DL500055
Short 1,3 mm	20	DL500056



DL500055



DL500056

Slide-On Surgical Hook

	Package Contains	Order Number
For wires up to .018" x .025" (0,46 x 0,63 mm)	10	DL500057
For wires up to .021" x .025" (0,56 x 0,71 mm)	10	DL500058



DL500058

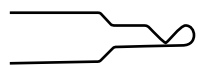
Slide-On Surgical Hook - curved

	Package Contains	Order Number
For wires up to .018" x .025" (0,46 x 0,63 mm)	10	DL500059
For wires up to .021" x .025" (0,56 x 0,71 mm)	10	DL500069



DL500069

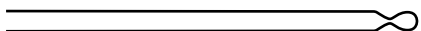
Ligatures



A1202



ECM0826



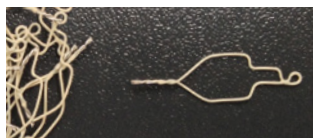
E0700



ECE0707



ECE0708



Preformed Kobayashi Ligatures Long

	Package Contains	Order Number
.012" (0,304 mm)	100	A1202
.014" (0,355 mm)	100	A1203

Pre-cut Kobayashi Ligatures Short

	Package Contains	Order Number
.012" (0,304 mm)	100	ECM0826
.014" (0,355 mm)	100	ECM0825

Preformed Ligatures Long

	Package Contains	Order Number
.008" (0.203 mm)	1000	E0700
.009" (0.228 mm)	1000	E0701
.010" (0.254 mm)	1000	E0702
.011" (0.279 mm)	1000	E0703
.012" (0.304 mm)	1000	E0704

Pre-cut Ligatures Short

	Package Contains	Order Number
.010" (0.254 mm)	500	ECE0707
.010" (0.254 mm)	1000	ECE0708

Coated Ligatures

- durable tooth-coloured coating

	Package Contains	Order Number
• Pre-cut short • .010" (.012" coated)	100	DL400001
• Preformed long • .010" (.012" coated)	100	DL400002
• Pre-cut Kobayashi short • .012" (.014" coated)	100	DL400004

Eruption Appliance

	Package Contains	Order Number
• Round base eyelets • Stainless Steel with a plating of 24 Karat Gold • 3,5 mm diameter flat base • 80 Gauge foil mesh base • Safe for Nickel sensitive patients	5	DL500030
• Rectangle base eyelet • Stainless Steel • To realign displaced teeth	10	DL500029

Lingual Retainer 3 - 3

- Direct bonding
- Suitable thickness and hardness
- Easy to use

	Package Contains	Order Number
Upper		
32 mm	2	DL503100
34 mm	2	DL503101
36 mm	2	DL503102
38 mm	2	DL503103
40 mm	2	DL503104
Lower		
29 mm	2	DL503105
31 mm	2	DL503106
33 mm	2	DL503107
35 mm	2	DL503108
37 mm	2	DL503109

NiTi Retainer Wire on Spool

- Made of high quality Nickel Titanium wire
- Dead soft-comfortable, fast & easy adaption to the arch form
- High resistance to breakage
- Sandblasting surface to allow optimal contact & retention to bonding adhesiv

Spool, 2,5 ft / 0,8m

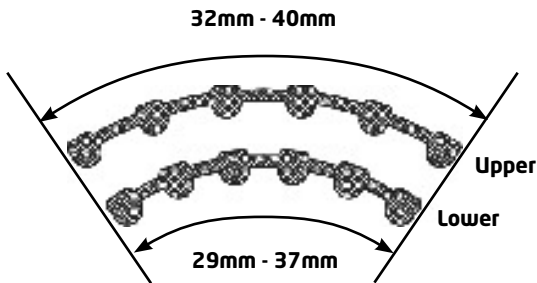
		Package Contains	Order Number
○	.018	10	DL300804
□	.014 x .025	10	DL300805



DL500030



DL500029





Lingual Retainer Wire

	Package Contains	Order Number
<ul style="list-style-type: none">• 8 braided flat wire• Dead soft• Stainless Steel• Wire dimension .010" x .025"• 6" (152mm) length• 10 per tube	10	DL390005
<ul style="list-style-type: none">• 6 braided flat wire• Dead soft• Wire dimension .0195"• 7" (178mm) length• 10 per tube	10	DL390006

Archwire Dispenser Systems

Archwire Rack

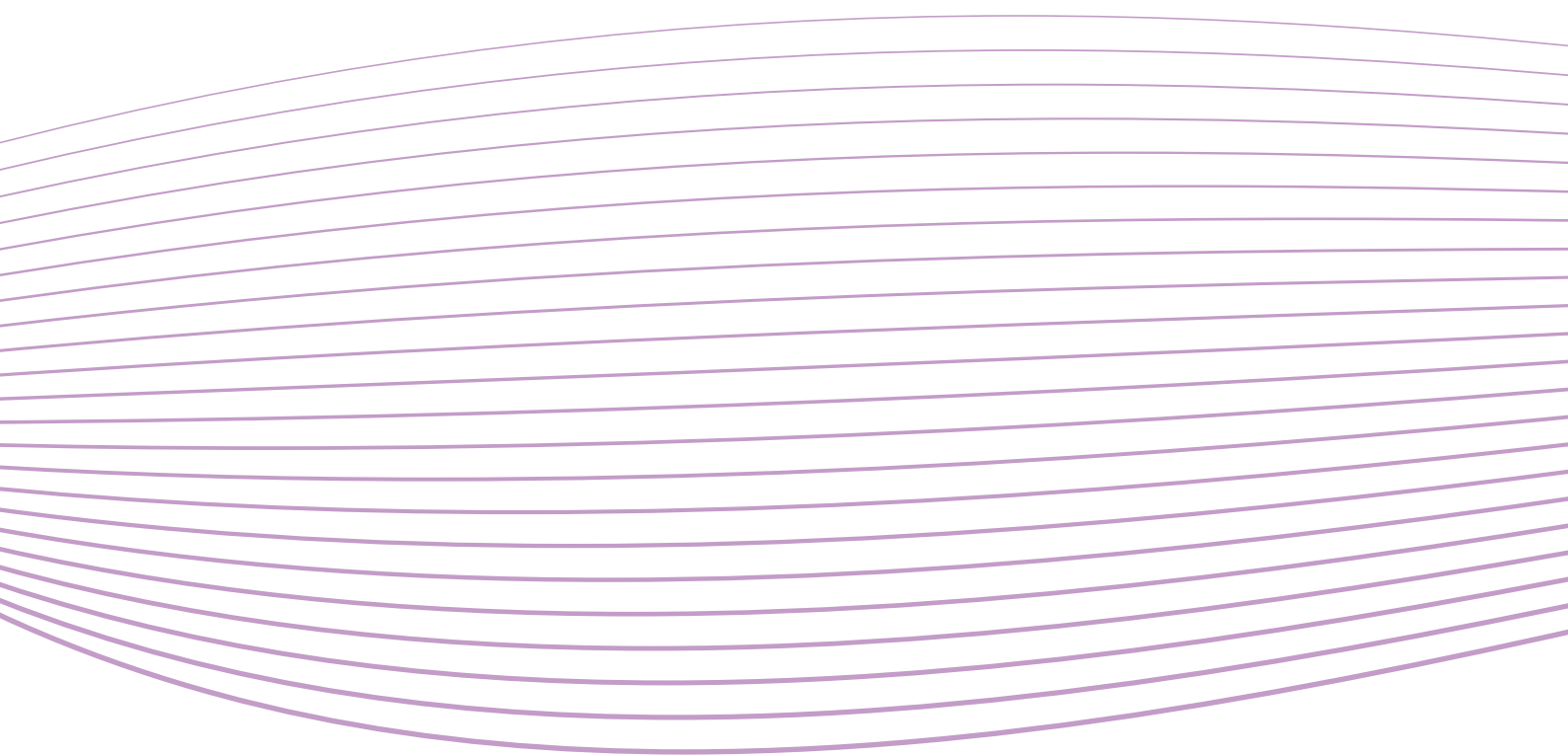
	Package Contains	Order Number
<ul style="list-style-type: none">• High quality plexiglas• Ideal for chairside use• Up to 14 individual sizes of wire• Dimension: 28 x 10 x 5,2 cm (L x W x H)	1	DL399003



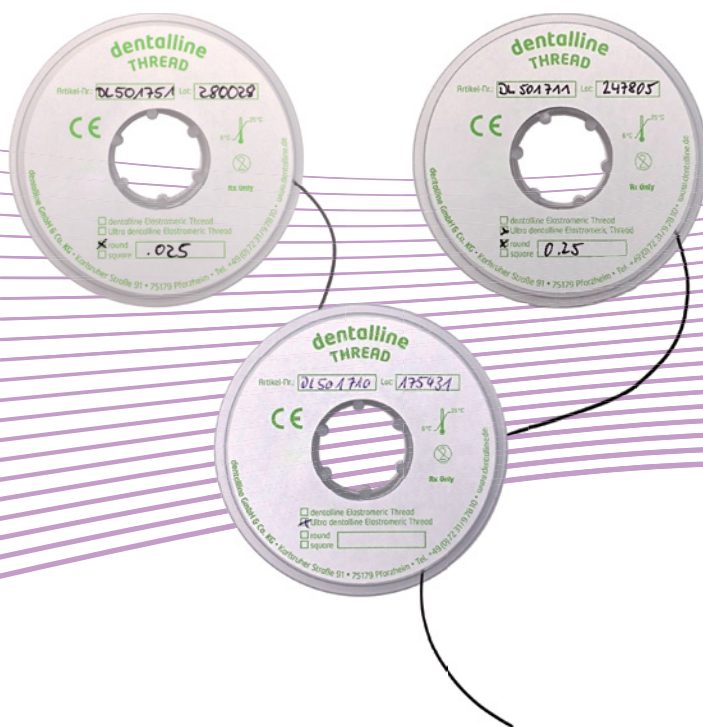
Archwire Dispenser

	Package Contains	Order Number
<ul style="list-style-type: none">• High quality plexiglas• Designed to store 24 dentalline arch wire packages for clear identification and simple storage solution• Dimension: 32 x 13 x 31 cm (L x W x H)	1	J0610





05 | Intra-/Extra-Oral



Elastomeric chains

Power chain dentalline

- High elasticity and excellent rebound
- Easy to mount
- Spool 15 ft. (4,57m)
- .024" Thickness
- Latex-free



close



open medium



open



open long

Colour	Package Contains	closed	open	open medium	open long
Clear	1	DL500400	DL500500	DL500600	DL500700
Grey	1	DL500401	DL500501	DL500601	DL500701
Tooth	1	DL500402	DL500502	DL500602	DL500702
Black	1	DL500403	DL500503	DL500603	DL500703
Blue	1	DL500404	DL500504	DL500604	DL500704
Red	1	DL500405	DL500505	DL500605	DL500705
Yellow	1	DL500406	DL500506	DL500606	DL500706
Silver	1	DL500407	DL500507	DL500607	DL500707

Elastomeric Chain „Japanese“ Style

- Highest possible tensile strength with less deformation
- .020" thickness

Colour	Package Contains	closed	open	open medium	open long
Transparent	1	DL501400	DL501500	DL501600	DL501700
Grey	1	DL501401	DL501501	DL501601	DL501701
Silver	1	DL501402	DL501502	DL501602	DL501702

Thin Elastomeric Chain

- Perfect for lingual treatment
- .015" thickness

Color	Package Contains	closed	open	open long
Clear	1	DL502400	DL502500	DL502700
Silver	1	DL502407	DL502507	DL502707
Pearl	1	DL502408	DL502508	DL502708

Elastomeric Thread

Elastomeric Thread dentalline

- For rotation and retraction
- Smooth surface
- Spool 25 ft. (7,6 m)

Hollow

Colour	Package Contains	.020"	.025"	.030"
Grey	1	DL501750	DL501751	DL501752
Clear	1	DL501753	DL501754	DL501755

Round

Colour	Package Contains	.020"	.025"	.030"
Grey	1	DL501740	DL501741	DL501742
Clear	1	DL501743	DL501744	DL501744

Square

Farbe	VE	.025" x .025"	.030" x .030"
Grey	1	DL501720	DL501721
Clear	1	DL501722	DL501723

Elastomeric Super-Thread dentalline

- Rough surface. Knots will not slide
- Spool 25 ft. (7,6 m)

Round

Colour	Package Contains	.020"	.025"	.030"
Grey	1	DL501710	DL501711	DL501712
Clear	1	DL501713	DL501714	DL501715








Intra Oral Elastics








Latex Elastics

- High Quality medical grade materials
- Easy for patient to use and simple to dispend
- Packaged in colour-coded temper-proof patient bags
- 100 elastics per bag. 10 bags per pack

	Package Contains	 1/8" 0,31 cm	 3/16" 0,47 cm	 1/4" 0,63 cm	 5/16" 0,79 cm	 3/8" 0,95 cm
Light (2,5 oz)	1000	DL500201	DL500202	DL500203	DL500204	DL500205
Medium (3,5 oz)	1000	DL500206	DL500207	DL500208	DL500209	DL500210
Heavy (4,5 oz)	1000	DL500211	DL500212	DL500213	DL500214	DL500215
X-Heavy (6,0 oz)	1000	DL500216	DL500217	DL500218	DL500219	DL500220

Non-Latex Elastics






- Eliminates latex allergic reaction concerns
- Packaged in colour-coded temper-proof patient bags
- 100 elastics per bag. 10 bags per pack

	Package Contains	 1/8" 0,31 cm	 3/16" 0,47 cm	 1/4" 0,63 cm	 5/16" 0,79 cm	 3/8" 0,95 cm
Light (2,5 oz)	1000	DL500001	DL500002	DL500003	DL500004	DL500005
Medium (3,5 oz)	1000	DL500006	DL500007	DL500008	DL500009	DL500010
Heavy (4,5 oz)	1000	DL500011	DL500012	DL500013	DL500014	DL500015
X-Heavy (6,0 oz)	1000	DL500016	DL500017	DL500018	DL500019	DL500020

Neon Non-Latex Elastics

- Eliminates latex allergie reaction concerns
- Six bright colours in each patient bag (neon green, yellow, orange, red, blue and pink)
- Packed in colour-coded temper-proof patient bags
- 100 elastics per bag. 10 bags per pack



	Package Contains	 1/8" 0,31 cm	 3/16" 0,47 cm	 1/4" 0,63 cm	 5/16" 0,79 cm	 3/8" 0,95 cm
Light (2,5 oz)	1000	DL502001	DL502002	DL502003	DL502004	DL502005
Medium (3,5 oz)	1000	DL502006	DL502007	DL502008	DL502009	DL502010
Heavy (4,5 oz)	1000	DL502011	DL502012	DL502013	DL502014	DL502015
X-Heavy (6,0 oz)	1000	DL502016	DL502017	DL502018	DL502019	DL502020

Elastic Placers

	Package Contains	Order Number
<ul style="list-style-type: none">• Make placing and removing elastics easy for patients• Unique hook and pusher design• Packaged in assorted colours (violet, magenta, yellow, azure)	100	ECM8019



Elastics Dispensers dentalline

- Heavy duty acrylic
- Holes on the back for wall mounting
- Holds up to 5 boxes of elastics

	Package Contains	Order Number
Clear	1	DL500910



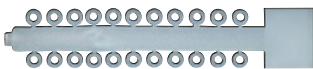
Chain Dispender

- Dispenses spools of chain easily and quickly
- Heavy duty acrylic with slide
- Holds up to 10 spools of chain or thread

	Package Contains	Order Number
Clear	1	ECM0690



Elastomeric Ligature Ties



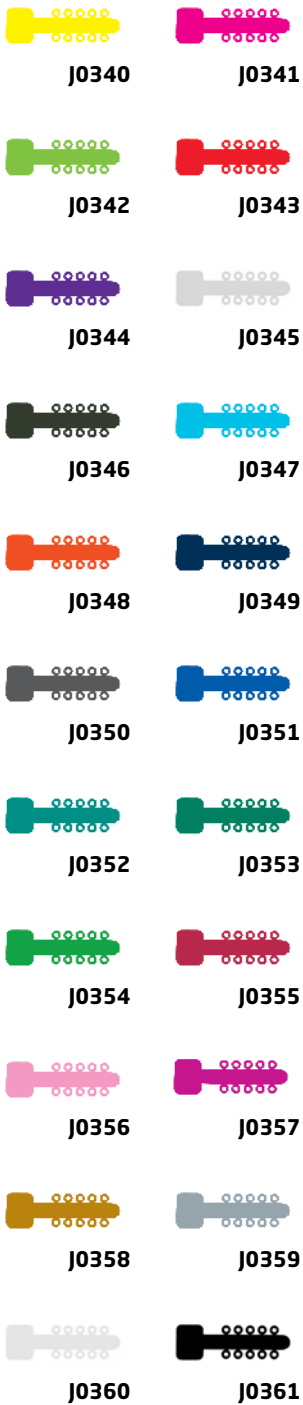
Individual Ties

	Package Contains	Order Number
<ul style="list-style-type: none">• Very thin, especially for Ceramic Brackets• Clear• 22 per dispenser, 45 dispenser per bag• .120" diameter	990	DL400100

Mini Single Ligaturen Sticks

- 10 per dispenser, 100 dispensers per bag
- .120" diameter

Colour	Package Contains	Order Number
Yellow	1000	J0340
Pink	1000	J0341
Fluorescent green	1000	J0342
Fire red	1000	J0343
Orchid	1000	J0344
Clear	1000	J0345
Smoke	1000	J0346
Sky blue	1000	J0347
Orange	1000	J0348
Navy blue	1000	J0349
Light grey	1000	J0350
Blue	1000	J0351
Azure	1000	J0352
Dark green	1000	J0353
Spring green	1000	J0354
Red	1000	J0355
Light pink	1000	J0356
Fuchsia	1000	J0357
Gold	1000	J0358
Silver	1000	J0359
White	1000	J0360
Black	1000	J0361
Multi-Colour	1000	J0362



Non-Latex Mini Ties

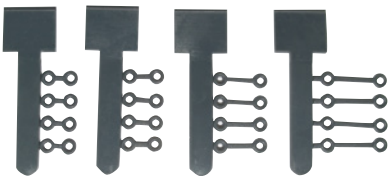
- Contains no latex
- 10 per dispenser, 100 dispensers per bag
- .120" Diameter

Colour	Order Number	Art.-Nr.
Kelly Green	1000	DL501000
Emerald Green	1000	DL501001
Blue	1000	DL501002
Red	1000	DL501003
Yellow	1000	DL501004
Pearl	1000	DL501005
Smoke grey	1000	DL501006
Grey	1000	DL501007
Sparkle Red	1000	DL501008
Sparkle Green	1000	DL501009
Silver	1000	DL501010
Clear	1000	DL501011
White	1000	DL501012
Black	1000	DL501013
Neon Pink	1000	DL501014
Multi-Colour	1000	DL501020



Elastomeric Modules

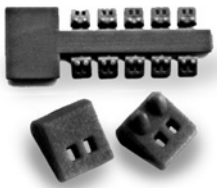
Size	Package Contains	Dark Grey	Clear
4,3 mm	100	DL500105	DL500110
6,0 mm	100	DL500106	DL500111
8,5 mm	100	DL500107	DL500112
11,5 mm	100	DL500108	DL500113
Assorted	100	DL500109	DL500114



Elastomeric Rotation Wedges

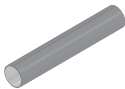
- Unique wedge shape provides increased contact allowing more force to be transmitted to the teeth.

Colour	Package Contains	Order Number
Grey	50	J0174
Clear	50	J0173



Protective Tubing

- High quality silicon material
- 3 different sizes



	Package Contains	Order Number
Semi-transparent 0,8 mm inner diameter	1 m	DL500060
Semi-transparent 1,0 mm inner diameter	1 m	DL500061
Semi-transparent 1,5 mm inner diameter	1 m	DL500062



Separators

Jumbo Separators

	Package Contains	Order Number
<ul style="list-style-type: none">• Use for correcting partial molar impaction• 2mm thickness and 6mm diameter allows maximum extension and memory• 4 per dispenser; 32 dispensers per pack	32	DL500101

Elast-o-loop2 Separators

	Package Contains	Order Number
<ul style="list-style-type: none">• Smooth molded design for patient comfort• Non-Radiopaque: no barium sulphate to degrade the elastomeric memory• Latex Free: safe for sensitive patients	960	DL500102

Individual Radiopaque Separators

	Package Contains	Order Number
<ul style="list-style-type: none">• is identifiable by x-ray, to help avoid loss underneath gum tissue• Dark blue• 10 per dispenser; 100 dispensers per bag	1000	DL500103

Individual Separators

	Package Contains	Order Number
<ul style="list-style-type: none">• Blue for easy identification inside the mouth• Individual configuration helps prevent cross contamination• 10 per dispenser; 100 dispensers per bag	1000	DL500104

Loose Separators

	Package Contains	Order Number
Posterior Blue	100	DL500130
Anterior Green	100	DL500131
Radiopaque Dark Blue	100	DL500132



DL500130



DL500131

Ortho Zip Ties

	Package Contains	Order Number
<ul style="list-style-type: none">• Adjustable elastomeric ring can be used for a variety of applications that require tying or cinching• Silver• Anchoring orthodontic appliances• Ligating impacted cuspids• Tying exposed cuspids• Ligating overlay wires onto main wires• Latex Free• 8 per dispenser; 5 dispensers per bag	5	DL501730



Patient Relief Wax

- Ideal for fast, temporary relief from fixed brackets and appliances
- 5 wax strips per case

	Package Contains	Order Number
Cherry	10	ECM1350
Grape	10	ECM1351
Orange	10	ECM1352
Coconut	10	ECM1353
Blueberry	10	ECM1354
Bubble gum	10	ECM1355
Mint	10	ECM1356
Silver	10	ECM1358
Glow	10	ECM1359
Splash	50	DL900200



Silicone Patient Boxes

	Package Contains	Order Number
<ul style="list-style-type: none">• Silicone used for temporary relief from appliance irritation• Transparent and waterproof• Resistant to hot liquid• 50 per pack	50	ECM1360



Impression Trays



Stainless Steel Impression Trays

Perforated Design

	Size	Package Contains	Order Number
Lower	XL	1	DL750101
	L	1	DL750102
	M	1	DL750103
	S	1	DL750104
	XS	1	DL750105
Upper	XL	1	DL750106
	L	1	DL750107
	M	1	DL750108
	S	1	DL750109
	XS	1	DL750110

Non-Perforated Design

	Size	Package Contains	Order Number
Lower	XL	1	DL750121
	L	1	DL750122
	M	1	DL750123
	S	1	DL750124
	XS	1	DL750125
Upper	XL	1	DL750126
	L	1	DL750127
	M	1	DL750128
	S	1	DL750129
	XS	1	DL750130

Disposal Impression Trays

- Single use only
- High sides provides excellent margin and gingival detail

	Colour	Package Contains	Order Number
Upper	Yellow	1	DL900150
	Green	1	DL900151
	Blue	1	DL900152
	Orange	1	DL900153
	Red	1	DL900154
Lower	Yellow	1	DL900155
	Green	1	DL900156
	Blue	1	DL900157
	Orange	1	DL900158
	Red	1	DL900159
Intro Kit (5 Upper and Lower of each size)		50	DL900160



Alginate

Kromopan 2

	Package Contains	Order Number
<ul style="list-style-type: none"> • The first ever alginate with a chromatic phase indicator (Lascod patent) Purple/Pink/White • Easy to Mix • Extra-fast in-mouth minimum setting time 30" • Long dimensional stability (above 100 hours) • Compatible with alginate impression disinfectant • Mint flavour • Dust free • Carton box containing 20x450g. bags (9kg.) 	1	DL901000



purple pink white

Algisor Ortho

	Package Contains	Order Number
<ul style="list-style-type: none"> • Orthodontic specific alginate with a chromatic phase indicator Purple/Pink/Green • High elasticity • Easy to Mix • Extra-fast in-mouth minimum setting time 30" • Long dimensional stability (above 100 hours) • Compatible with alginate impression disinfectant • Mint flavour • Dust free • Carton box containing 20x450g. bags (9kg.) 	1	DL901001



purple pink green

Alginate Flavouring Holder

	Package Contains	Order Number
<ul style="list-style-type: none"> • Heavy duty acrylic • Holds up to 6 bottles • Smoke colour 	1	DL900119



Alginate Flavouring

- Create great tasting alginate
- Concentrated flavour
- Sugar free

	Package Contains	Order Number
Apple	1	DL900101
Banana	1	DL900102
Bubble-Gum	1	DL900103
Cola	1	DL900105
Vanilla	1	DL900106
Lemon	1	DL900108
Orange	1	DL900109
Strawberry	1	DL900112
Watermelon	1	DL900113
Raspberry	1	DL900116
Cherry	1	DL900117

Facemasks



Adjustable Facemasks

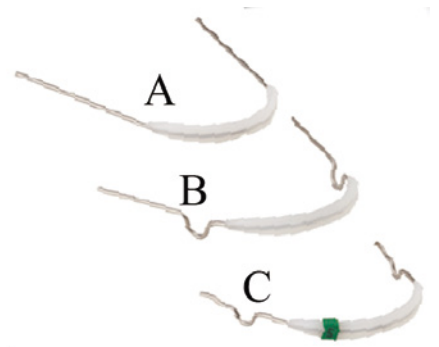
- Horizontal Crossbar
- Vertical Main Frame
- Ergonomic Chin Cup

	Package Contains	Order Number
Red	1	DL500310
Blue	1	DL500311
Clear	1	DL500312
Green	1	DL500313
Pearl	1	DL500314
Wild Cat	1	DL500315
US Flag	1	DL500316

Lip Bumper

- Made of biomedical Stainless Steel .045"
- Non-toxic techno-polymer labial coating

	Size	Package Contains	Order Number
A - without Loops		1	DL500085
B - with Loops		1	DL500091
C - with Loops and bayonet stops	1 - 76 mm	1	DL500086
	2 - 80 mm	1	DL500087
	3 - 84 mm	1	DL500088
	3 - 88 mm	1	DL500089
	5 - 92 mm	1	DL500090



Neckpad dentalline

- Without safety modules
- Made of pure cotton

Colours	Package Contains	Order Number
Blue	10	DL505001
Red	1	DL505002
Black	1	DL505003
Black/Red	1	DL505004
Black/Yellow	1	DL505005



Headgear for safety modules

- Made of pure cotton

With 1 hook

Colour	Package Contains	small	medium	large
Blue	1	DL505100	DL505102	DL505106
Black	1	DL505101	DL505103	DL505107
Red	1	-	DL505104	-
Bicolour	1	-	DL505105	-



With two hooks

Colour	Package Contains	small	medium	large
Blue	1	DL505110	DL505112	DL505116
Black	1	DL505111	DL505113	DL505117



With 1 hook and pad

Colour	Package Contains	small	medium	large
Blue	1	DL505120	DL505122	DL505126
Black	1	DL505121	DL505123	DL505127
Red	1	-	DL505124	-
Bicolour	1	-	DL505125	-



With 2 hooks and pad

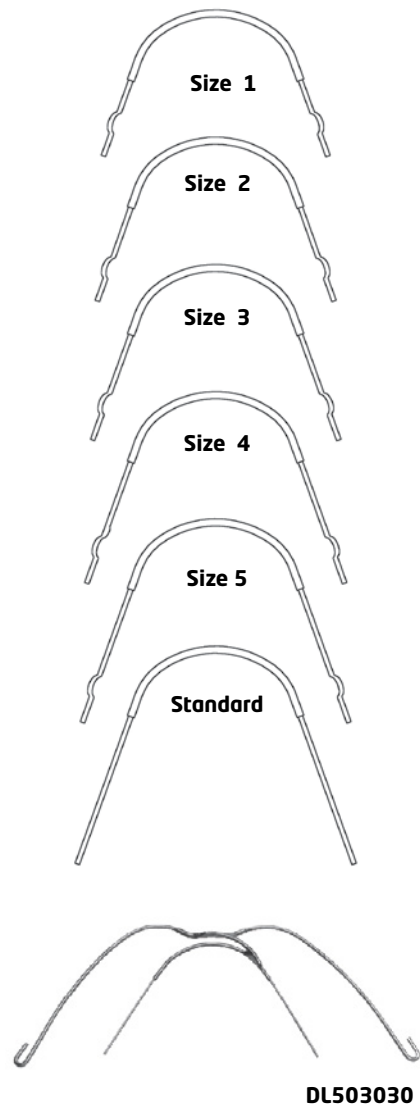
Colour	Package Contains	small	medium	large
Blue	1	DL505130	DL505132	DL505136
Black	1	DL505131	DL505133	DL505137

Safety release modules

- Durable steel clamp design
- Attaches to any neckpad
- Safety release
- 3 sizes

Colour	Package Contains	450 g	600 g	750 g
Blue	10	DL505050	DL505060	DL505070
White	10	DL505051	DL505061	DL505071
Black	10	DL505052	DL505062	DL505072
Neon yellow	10	DL505053	DL505063	DL505073
Neon green	10	DL505054	DL505064	DL505074
Purple	10	DL505055	DL505065	DL505075

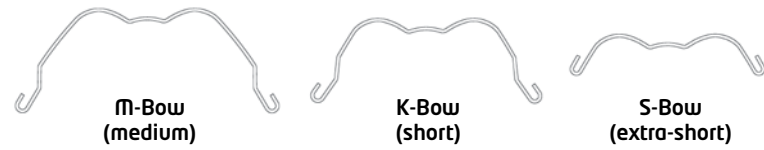




Facebows dentalline

- Biomedical Stainless Steel, 1,8mm Diameter
- Resistant laser welded
- 3 different outer bows
- 6 different inner bows (.045"), from 83mm up to 111mm

Shapes



With preformed Loops

Size	Package Contains	Outer bow medium	Outer bow short	Outer bow extra short
1 = 83 mm	1	DL503011	DL503021	DL503016
2 = 90 mm	1	DL503012	DL503022	DL503017
3 = 97 mm	1	DL503013	DL503023	DL503018
4 = 104 mm	1	DL503014	DL503024	DL503019
5 = 111 mm	1	DL503015	DL503025	DL503020

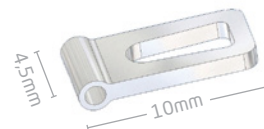
Without Loops

Size	Package Contains	Outer bow medium	Outer bow short	Outer bow extra short
Standard	1	DL503001	DL503002	DL503003

Asymmetrical

	Package Contains	Order Number
With Facebow stop	1	DL503030

Facebow Activator Tubes



- For fit in Facebows
- Bore hole \varnothing 1,15mm / .045"
- Made of Stainless Steel

	Package Contains	Order Number
	10	LW315AR

Facebow Stops



- Tubes are used as variable stop and are attached at the inner bow
- Bore hole \varnothing 1,15mm / .045"
- Made of Stainless Steel

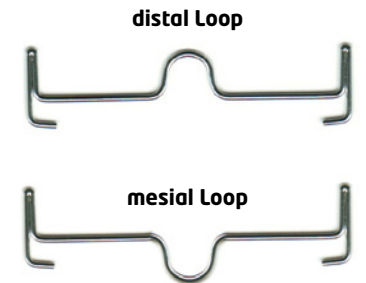
	Package Contains	Order Number
	10	DL503031

Palatal Bars

Palatal Bars Goshgarian

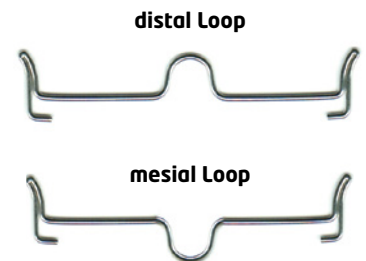
- Made of medical Stainless Steel
- With normal (7mm) or long (7,6mm) retention
- With mesial or distal loop

Size	Package Contains	Mesial Loop normal retention	Mesial Loop long retention	Distal Loop normal retention	Distal Loop long retention
35 mm	10	DL390160	DL390160-L	DL390140	DL390140-L
37 mm	10	DL390161	DL390161-L	DL390141	DL390141-L
39 mm	10	DL390162	DL390162-L	DL390142	DL390142-L
41 mm	10	DL390163	DL390163-L	DL390143	DL390143-L
43 mm	10	DL390164	DL390164-L	DL390144	DL390144-L
45 mm	10	DL390165	DL390165-L	DL390145	DL390145-L
47 mm	10	DL390166	DL390166-L	DL390146	DL390146-L
49 mm	10	DL390167	DL390167-L	DL390147	DL390147-L
51 mm	10	DL390168	DL390168-L	DL390148	DL390148-L
53 mm	10	DL390169	DL390169-L	DL390149	DL390149-L
55 mm	10	DL390170	DL390170-L	DL390150	DL390150-L



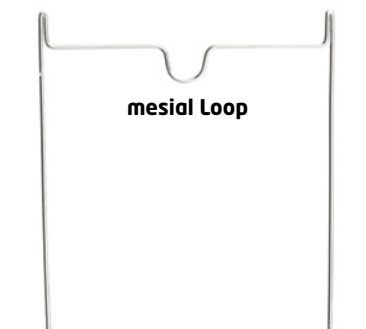
With curved sheath

Size	Package Contains	Mesial Loop	Distal Loop
35 mm	10	DL390380	DL390400
37 mm	10	DL390381	DL390401
39 mm	10	DL390382	DL390402
41 mm	10	DL390383	DL390403
43 mm	10	DL390384	DL390404
45 mm	10	DL390385	DL390405
47 mm	10	DL390386	DL390406
49 mm	10	DL390387	DL390407
51 mm	10	DL390388	DL390408
53 mm	10	DL390389	DL390409
55 mm	10	DL390390	DL390410



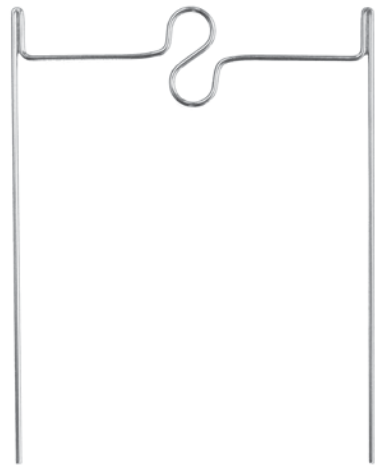
With long arms

Size	Package Contains	Loop mesial normal retention	Loop mesial long retention	Loop distal normal retention	Loop distal long retention
35 mm	10	DL390420	DL390420-L	DL390440	DL390440-L
37 mm	10	DL390421	DL390421-L	DL390441	DL390441-L
39 mm	10	DL390422	DL390422-L	DL390442	DL390442-L
41 mm	10	DL390423	DL390423-L	DL390443	DL390443-L
43 mm	10	DL390424	DL390424-L	DL390444	DL390444-L
45 mm	10	DL390425	DL390425-L	DL390445	DL390445-L
47 mm	10	DL390426	DL390426-L	DL390446	DL390446-L
49 mm	10	DL390427	DL390427-L	DL390447	DL390447-L
51 mm	10	DL390428	DL390428-L	DL390448	DL390448-L
53 mm	10	DL390429	DL390429-L	DL390449	DL390449-L
55 mm	10	DL390430	DL390430-L	DL390450	DL390450-L





S-Form straight sheath



S-Garion

Size	Package Contains	straight sheath normal retention	straight sheath long retention	curved sheath
35 mm	10	DL390300	DL390300-L	DL390320
37 mm	10	DL390301	DL390301-L	DL390321
39 mm	10	DL390302	DL390302-L	DL390322
41 mm	10	DL390303	DL390303-L	DL390323
43 mm	10	DL390304	DL390304-L	DL390324
45 mm	10	DL390305	DL390305-L	DL390325
47 mm	10	DL390306	DL390306-L	DL390326
49 mm	10	DL390307	DL390307-L	DL390327
51 mm	10	DL390308	DL390308-L	DL390328
53 mm	10	DL390309	DL390309-L	DL390329
55 mm	10	DL390310	DL390310-L	DL390330

S-Garion with long arms

Size	Package Contains	straight sheath normal retention	straight sheath long retention	curved sheath
35 mm	10	DL390340	DL390340-L	DL390360
37 mm	10	DL390341	DL390341-L	DL390361
39 mm	10	DL390342	DL390342-L	DL390362
41 mm	10	DL390343	DL390343-L	DL390363
43 mm	10	DL390344	DL390344-L	DL390364
45 mm	10	DL390345	DL390345-L	DL390365
47 mm	10	DL390346	DL390346-L	DL390366
49 mm	10	DL390347	DL390347-L	DL390367
51 mm	10	DL390348	DL390348-L	DL390368
53 mm	10	DL390349	DL390349-L	DL390369
55 mm	10	DL390350	DL390350-L	DL390370

Quad Helix

Size	Package Contains	straight sheath	curved sheath
1 (E=12 mm, A=34 mm)	3	ECM1230	ECM1230-K
2 (E=13 mm, A=37 mm)	3	ECM1231	ECM1231-K
3 (E=16 mm, A=38 mm)	3	ECM1232	ECM1232-K
4 (E=18 mm, A=46 mm)	3	ECM1233	ECM1233-K

Bi Helix

Size	Package Contains	curved sheath
1 (E=12 mm, A=34 mm)	3	DL390121
2 (E=13 mm, A=37 mm)	3	DL390122
3 (E=16 mm, A=38 mm)	3	DL390123
4 (E=18 mm, A=46 mm)	3	DL390124

Dental Jewelry

Swarovski Crystals

- Bondable

	diameter	Package Contains	Order Number
Crystal	1,8 mm	10	DL500050
Aquamarine	1,8 mm	10	DL500051
Crystal	4,8 mm	10	DL500065



Lip Protector

Lip Protector

- A must for musicians and great for light contact sports
- Improves patient comfort
- Eliminates patient wax
- Works well on difficult patients

	Package Contains	Order Number
5 Upper and 5 Lower per Pack	1	DL500035



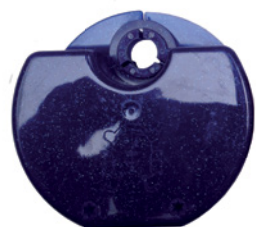
Ortho-Lip Guard™ Strips

- Provides temporary relief of direct pressure to the lips caused by orthodontic appliances
- Applications include playing instruments and non-contact sports
- Thermoplastic material can be heated and formed to contours of the patient's mouth

	Package Contains	Order Number
2 guards per sealed patient pack; 5 packs per bag	5	DL500064



Appliance Cases



Retainer cases dentalline

35 x 75 x 65 mm (H x W x L)

	Package Contains	Order Number
Blue	10	DL800050
Orange	10	DL800051
Red	10	DL800053
Black	10	DL800054
Assorted	10	DL800059

28 x 75 x 60 mm (H x W x L)

	Package Contains	Order Number
Black	12	DL800060
Blue	12	DL800061
Neon Green	12	DL800062
Neon Pink	12	DL800063
Purple	12	DL800064
Aqua	12	DL800065
Water Melon	12	DL800066
White	12	DL800067
Yellow	12	DL800068
Red	12	DL800069

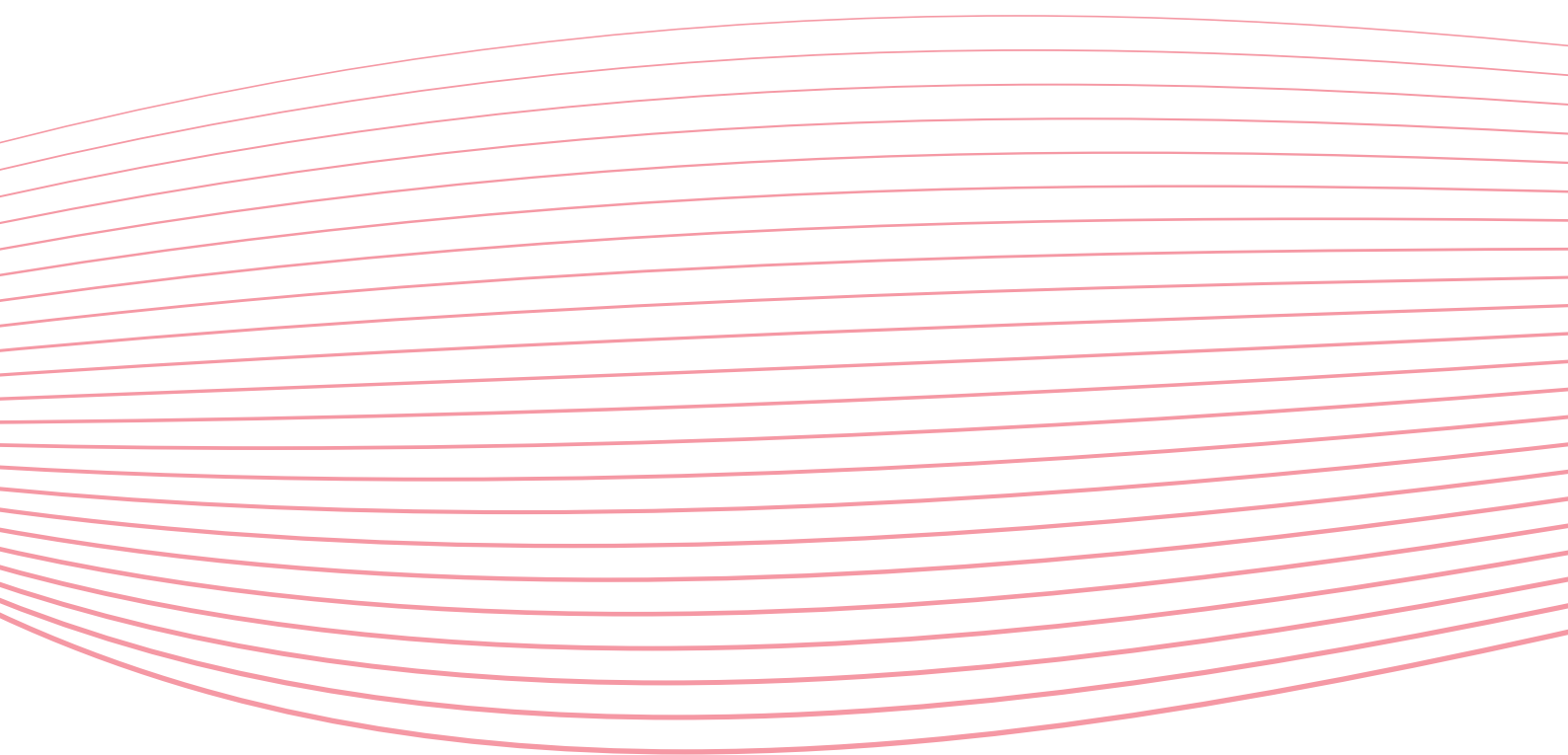
Appliance cases dentalline

Small - 37 x 78 mm (H x W)

	Package Contains	Order Number
Black	1	DL800090
Neon Yellow	1	DL800092
Blue	1	DL800093
Mint	1	DL800094
Pink	1	DL800095
Purple	1	DL800096
Sparkle Blue	1	DL800097
Assorted	1	DL800098

Big - 44 x 78 mm (H x W)

	Package Contains	Order Number
Sparkle Blue	1	DL800089
Sparkle Red	1	DL800091



06 | Adhesives



06



Prime-Dent® Light-Cure Orthodontic Adhesive Bonding System

A unique light cure composite resin system for bonding plastic, metal or porcelain orthodontic brackets to etched enamel. The highly filled paste features a tacky viscosity that flows well and eliminates bracket flotation. The light cure bonding resin / paste system sets on demand, giving the clinician complete control.

The primer helps to seal the etched enamel. The cohesive strength of the adhesive is stronger than the bond to the tooth, allowing for one-piece removal after orthodontic treatment with no enamel scarring.

- Features and Benefits:**
- No mixing required
 - Light cure in 30 seconds
 - Viscosity
 - Ensures precise placement
 - Fast setting
 - Quick cementation
 - Fluoride release

- Physical Properties:**
- Light cure time: 30 seconds
 - Compressing strength: 300 MPa
 - Flexural strength: 140 MPa
 - Shear bond strength: 21 MPa



DL600082



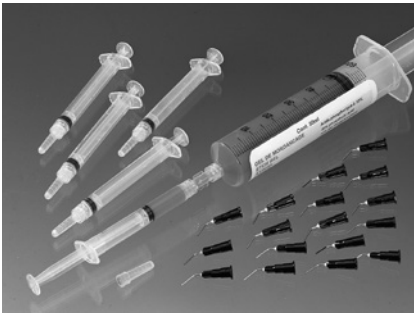
DL600085

	Package Contains	Order Number
Package contains: <ul style="list-style-type: none">• 4 x Syringes (5 g)• 1 x Primer (7 ml)• 1 x Etchant (7 ml)• Accessories• Instruction for Use	1	DL600082
Syringe with 5 g	1	DL600083
Light Cure Primer 7ml bottle	1	DL600084
Prime-Dent® Light-Cure Test-Set Package contains: <ul style="list-style-type: none">• 1 x Syringe (5 g)• 1 x Primer (3 ml)• 1 x Etchant (3 ml)• Accessories• Instruction for Use	1	DL600085

Gel „Jumbo Etch“ (Green)

- Convenient syringe storage and dispensing system
- 50 ml syringe dispense 60 g of etching gel (phosphoric acid 35%)
- Easy usage, pre-measured, precise application, consistency
- Minimum two year shelf life

	Package Contains	Order Number
Package contains: <ul style="list-style-type: none">• 1 x Jumbo-syringe 50 ml• 1 x Dispensing tip• 40 x Application tips• 5 x 3 ml Syringe (empty)	1	ECM8075
Replacement: <ul style="list-style-type: none">• 40 x Application tips• 5 x 3 ml Syringe (empty)	1	ECM8076



Smartbond LC™

SmartBond is a completely new approach to bonding. It is a true one-step adhesive that allows you to bond brackets and buccal tubes in a wet field, without the use of a light source or additional primers.

- No-Mix system
- Deal for bonding in dry humid environment
- Bonds on composite and porcelain surfaces
- No bad taste or smell for the patient
- No discoloration throughout treatment
- Bonds on plastic, metal and ceramic attachments

	Package Contains	Order Number
Economy Kit: <ul style="list-style-type: none">• 3 x Syringes• 1 x Etching accessoires	1	ECM8100
Mini-Kit: <ul style="list-style-type: none">• 1 x Syringe• 10 x Replacement tips	1	ECM8101
Replacement tips for syringe	1	ECM8102



Band Cement

Prime-Dent® Light Cure Glass Ionomer Band Cement

- Light-curing glass ionomer band cement in syringes
- Permanent fluoride release
- Blue color for easy removal

	Package Contains	Order Number
Package contains: <ul style="list-style-type: none">• 4 x Syringes (5 g)• Accessories	1	DL601202
1 x Test-Syringe (5g)	1	DL601203



DL601202



Protecto® CaF2 Nano

One-Step-Seal

Sealing for plain teeth surfaces without etching
Protecto builds a protective coat against thermic and mechanical influences. With the transparent silicon based protecto coat you will gain a sealing on the surface of enamel and dentin.

Operation area

Protecto is mainly developed to support orthodontists with the bracket treatment und to defend the enamel against discolorations. In the orthodontic field protecto seals very well the surrounding of the brackets to avoid damages of the enamel because of difficult teeth cleaning.

Protecto is easy to use without etching before and a polymerization in only 1 minute without using a polymerization lamp. Protecto seals the enamel about one year.

	Package Contains	Order Number
Package contains: <ul style="list-style-type: none">• 1 x Bottle (4 ml)• 4 x Mixing pads• 20 x Brushes	1	DL600056

Alpha Glaze™ Sealant

- Light-curing
- Permanent fluoride release
- Very high resistance
- No discoloration

	Package Contains	Order Number
Bottle (7 ml)	1	DL600048

Select Defense™ - Surface Sealent

- Scientifically Proven - University Patented Technology
- Plaque Barrier - Inhibits and Protects
- Does NOT Leach - Protection Lasts Entire Orthodontic Treatment
- Superior Biocompatibility - Naturally Occurring Element
- Increased Quality of Treatment - Less Plaque and No Whitespots
- Increased Patient Satisfaction - Less Patient / Parent Frustration
- Available for an average usage of 125 teeth or 400 teeth

	Package Contains	Order Number
1 x Bottle (2 g) for average usage of 125 teeth	1	DL600064
1 x Bottle (7 g) for average usage of 400 teeth	1	DL600065

Bonding-Tray

- Tray with mixing wells
- With an adhesive surface for brackets
- Disposable; Single use only

	Package Contains	Order Number
White	25	DL600002

Bonding-Brush

- Injection molded plastic handle
- Use for sealant or primers

	Package Contains	Order Number
Bonding Brush Tip Holder	1	260002
Bonding Brush Tips (1,9 cm)	500	260001

Bonding Brushes

Large economy pack

	Package Contains	Order Number
disposable bonding brush	400	DL600016

Bonding Sponges

- Great method for applying etch and primers
- Conserves material and provides controlled application

	Package Contains	Order Number
	200	ECJ3208

Mixing Pads

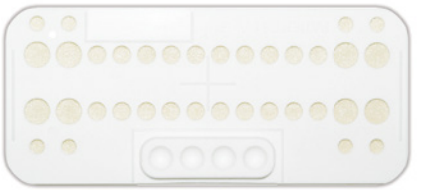
- Liquid impermeable surface
- Smooth finished surface
- white
- 3 x 50 sheets pads per pack

	Package Contains	Order Number
• 6,5 x 6,5 cm mixing pads	3	DL600004
• 7,2 x 12,7 cm mixing pads	3	DL600017

Mini Mixing Sticks

- 5,5 cm long
- Small design for easy adhesive mixing

	Package Contains	Order Number
Mixing Sticks, 5,5 cm, blue	100	DL603207



DL600002

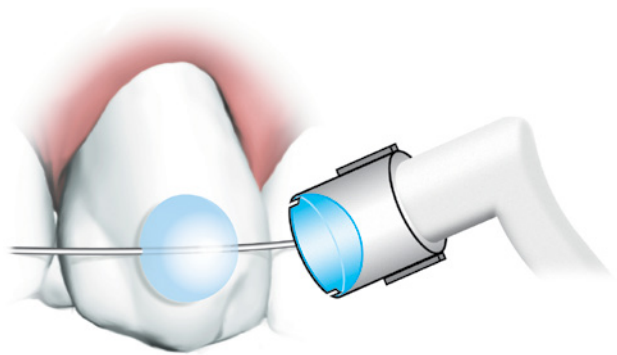


260002



260001





MiniMold™ System

Light cure your own aesthetic attachments – In seconds!

- Invisible aesthetic attachments
- As fast as 10-second cure time
- Saves chair time and money
- Safe for sensitive patients
- 8 or 10 Mini Mold™ tips (same type) per pack
- 1 handle per pack

Choose from 7 different Mini-Mold™ treatment aids:

Bite-Ramp - Mini-Mold™ Tips

Creates a bite-opening ramp on the lingual of the upper anterior teeth

	Package Contains	Order Number
Small, 3mm	8	DL600201
Large, 5mm	8	DL600210

Wire Bonder - Mini-Mold™ Tips

Ideal for making direct bond lingual retainers.

	Package Contains	Order Number
Small, 3mm	10	DL600204
Large, 4,5 mm	10	DL600205

Button - Mini-Mold™ Tips

	Package Contains	Order Number
Creates a functional low profile button quickly and easily.	10	DL600202

Habit-Control - Mini-Mold™ Tips

	Package Contains	Order Number
The small, conical spike, ends thumb sucking and tongue thrusting.	10	DL600205

Bracket - MiniMold™ Tips

	Package Contains	Order Number
Creates edgewise brackets, ideal for minor tooth adjustments.	10	DL600206

Tube Bonder - MiniMold™ Tips

	Package Contains	Order Number
Designed to create a temporary tube.	10	DL600207

Posterior Molar MiniMold™ Tips

	Package Contains	Order Number
Designed to open the bite from the posterior teeth.	10	DL600208

MiniMold™ Starter-Kit

	Package Contains	Order Number
Kit includes: <ul style="list-style-type: none"> • 27 Mini-Mold Tips (3 of each style) • 2 tip handles • detailed step-by-step instructions 	1	DL600209

Stainbusters™

- Composite Fiber Burs
- StainBusters™ are the only rotary instrument that will remove residual composite with no damage to enamel or porcelain
- Trim composite from restorations
- Remove residual orthodontic adhesive
- Remove stains from difficult proximal & lingual areas
- Latch-type, composite fiber burs
- Autoclavable for reuse

	Package Contains	Order Number
StainBusters™ Cone Standard	6	DL900000
StainBusters™ Cylinder Pointed Standard	6	DL900001
StainBusters™ Reversed Cone Standard	6	DL900002
StainBusters™ Flame Standard	6	DL900003

DL900000



DL900001



DL900002



DL900003



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General Terms and Conditions (GTC) of Dentalline GmbH & Co. KG

February 2014

1. General Information

- 1.1 These General Terms and Conditions (GTC) apply to all contracts which Dentalline (DL) concludes with third parties (Customers) with regard to dental products, orthodontic and prosthetic materials, systems and services (Contract Products).
- 1.2 These GTC shall apply to merchants, including small traders, if the contract belongs to the operation of their commercial trade, as well as to legal persons under public law and special funds under public law. In other cases, in particular with regard to non-merchants, the provisions contained in these GTC shall apply, unless Articles 10 and 11 of these GTC conflict with them, in such case, they shall apply mutatis mutandis.
- 1.3 For on-going business relationships with merchants, these GTC shall also apply to all business contracts, in particular, also to call orders or subsequent orders which are made orally or by telephone, where no special note or reference to these GTC shall be required.
- 1.4 Any terms and conditions of Customer which deviate from these GTC are hereby expressly excluded. Even if DL performs a delivery without reservations in full awareness of such terms and conditions of Customer, the latter shall only be effective, if DL expressly confirms, in writing, that they apply instead of these GTC.
- 1.5 Deviations from these GTC which are set out in a contract shall only be binding, if they have been confirmed, in writing, by DL. The same shall apply to all representations, supplements and side agreements.

2. Offer and Conclusion of the Contract

- 2.1 The contract between DL and the Customer shall only be deemed concluded with and according to the contents of the written order confirmation by DL or upon delivery of Customer's purchase order. Any oral promises, brochures and advertising statements of any type, in particular figures, drawings, descriptions, performance information of any type, measures, weights and consumption information with regard to the Contract Products shall be deemed to be approximate values, they do not contain any representation or guarantee promise of any type and may only become a binding content of the contract if such were expressly confirmed, in writing, by DL.
- 2.3 DL reserves the right to make changes of the Contract Products, at any time, without any prior notification. If contracts have already been concluded, that shall apply only insofar as such a change is reasonable for Customer.

3. Delivery Period

- 3.1 If DL is unable to comply with an agreed delivery date for reasons for which DL is accountable, Customer may grant DL an adequate grace period, in writing, after the expiry of the delivery period. If such period lapses without success, Customer shall be entitled to withdraw from the contract. The assertion of claims for damages in the event of delayed delivery or withdrawal from the contract shall be limited to 10 % of the value of the affected delivery or an amount of € 500.-, whichever amount is higher. Any reimbursement for indirect damage shall be excluded. The above limitation of liability and the above exclusion of liability shall not apply, insofar as the delayed delivery was caused by gross negligence or intent on the part of DL.
- 3.2 If DL is unable to comply with agreed delivery dates on account of force majeure, interferences of high authorities, catastrophes, war, unrest, strike in their own operation, in delivery facilities, supplier operations or in the field of the transport means, irrespective of whether such affect the area of the Federal Republic of Germany or areas from which and/or through which self-delivery is made, DL shall be entitled to subsequently perform the delivery, when such impediment has been eliminated. Customer shall, under such circumstances, have no rights or claims for non-delivery or delayed delivery.
- 3.3 DL shall be entitled to make partial deliveries. Partial deliveries shall be deemed to be independent legal transactions to be paid for separately pursuant to Art. 5.
- 3.4 DL shall be authorised toward the Customer, to retain services, for as long as Customer has not fulfilled his obligations under this or any other contract or for any other legal reason.

4. Transfer of Risk and Shipment

- 4.1 The risk of damage or loss of the Contract Products is transferred to Customer when the Contract Products leave DL's warehouse in Pforzheim.
- 4.2 Unless Customer has given express written binding instructions to DL for the further shipment from the transfer of risk, DL shall, at Customer's expense, organise the further shipment to the Customer or to the place of delivery specified by Customer in the purchase order. DL shall select the persons appointed for shipment, to the best of its knowledge, but will not accept any liability for such. DL will place these orders without special agreements under the conditions of the forwarding companies and/or carriers which are customary in the industry. DL will not insure the transport. All costs and incidental costs of shipment shall be borne by Customer.
- 4.3 Customer shall, himself and in due time, file all complaints for any possible damage in connection with the transport, also with the transporters and their insurances, or the like.

5. Prices and Payment Terms

- 5.1 The prices specified in DL's order confirmation or DL's delivery note shall be decisive only, plus the value added tax at the legal rate which is applicable at the time of delivery of the Contract Products, if such applies. Prices are indicated and will be charged in Euros and shall be understood as duty paid, net with standard packaging ex DL's warehouse in Pforzheim. Incidental costs, in particular postage, freights, insurance, delivery charges shall be deemed to be excluded.
- 5.2 Invoices shall fall due net, within 30 days from the invoice date, small shipments (up to € 50.-) shall be payable immediately. Any deduction of discounts shall be prohibited. The date of maturity recognised as binding by both parties is specified in the invoice as a calendar date and is printed out. Payments of Customer shall be made exclusively to DL. DL will not accept any bills of exchange. Cheques will only be accepted after a prior consultation.
- 5.3 Customer will be in default toward DL without the need for a special dunning letter, if the date of maturity is not complied with. From that moment on, DL shall be entitled to request default interests which, for consumers, amount to 5 % and, for entrepreneurs, to 8 % above the base interest rate of the German Federal Bank.
- 5.4 If Customer is in default pursuant to these provisions, DL shall be entitled to withdraw from the contract, to claim damages for non-fulfilment and/or to assert rights of any other type after having granted an adequate grace period.
- 5.5 Customer may not set off his claims with DL with other than undisputed claims or claims which have been found to be legally effective. Rights of retention or other rights to refuse performance may only be asserted against DL if such are based on the same contractual relationship. Each individual order shall be considered as a separate contractual relationship even in the event of an on-going business relationship.

6. Warranty and Liability

- 6.1 DL warrants that the Contract Products are free from manufacturing defects and defects in materials.
- 6.2 Customer shall notify DL, in writing, about obvious defects of the Contract Products immediately, however within one week after receipt of the Contract Products, at the latest. Merchants are, in addition, obliged to notify DL of other defects which cannot be detected within such period of time, in spite of a careful examination, such notification shall be made in writing and immediately, however within two weeks after their occurrence. Prior to the performance of warranty, DL shall be given the option to check the Contract Products.
- 6.3 Warranty shall, at the discretion of DL, be made either by repair or new delivery of the Contract Products. If the performance of rework does not result in the elimination of the defect even in the second attempt, or if even the second new delivery is defective, or if DL fails to comply with its duty to repair or make a new delivery within an adequate period of time, Customer shall be entitled to request an adequate reduction of the agreed price or to withdraw from the Contract.
- 6.4 For merchants, any performance of warranty measures will generally not result in an extension of the warranty period.

- 6.5 Any claim for warranty on the part of Customer shall be excluded, if he intervenes in the Contract Products, modifies them in any manner and irrespective to what extent, without any prior written consent of DL. A warranty shall also be excluded in the event of an incompliance with operational and/or maintenance instructions of DL.
- 6.6 DL will not accept any warranty for defects caused by external forces of any type, by accident, destruction, negligent and/or defective handling, inappropriate power supply, effects of heat or cold, high temperature fluctuations, mechanical vibration, effects of magnetism and electrical induction, moisture, dusts or gases.
- 6.7 All further rights and claims of Customer, irrespective of their legal reasons, based on defects or errors of the Contract Products or due to the fact that such lack any expressly promised properties, or the reimbursement of any direct or indirect damage, including the reimbursement of such damage which arises not in the Contract Products themselves, but during their use, uselessness or in any other way in other devices, objects or persons (e.g. business failure, lost profits) shall be excluded. Furthermore, claims based on the infringement of secondary contractual obligations, in particular on the duty to advice and inform, including a fault upon conclusion of the contract, as well as claims from tort shall be excluded. The aforementioned exclusions of liability shall not apply, if DL is responsible for intent or gross negligence, if a liability under the Produkthaftpflichtgesetz [Product Liability Act] applies or if essential duties of the contract have been infringed.

7. Retention of Title

- 7.1 Any Contract Products sold to Customer remain the property of DL until the complete payment of all claims to which DL is entitled against the Customer in connection with the delivery of Contract Products.
- 7.2 Customer shall be entitled to resell the Contract Products in the normal course of business; Customer shall not be entitled to pledge the goods subject to retention of title or to assign them by way of security. Customer hereby assigns to DL all claims to which he is entitled against his buyers due to a future sale of the goods subject to retention of title as a security for the claims of DL. DL accepts such assignment. If Customer sells the goods subject to retention of title jointly with other objects not belonging to DL or after such were processed, combined, mixed or blended with other objects not belonging to DL, the assignment shall only be deemed to exist in the amount of the outstanding invoice value of the relevant goods subject to retention of title.
- 7.3 Subject to any revocation by DL which is possible at all times, Customer shall be entitled to collect the assigned claims himself. In the event of a default of payment or any sustainable deterioration of the Customer's asset situation, DL shall be entitled to revoke such direct debit authorisation and to notify the buyers of Customer about the assignment, to provide the necessary information or to hand out documents as well as to disclose the assignment toward his buyers. DL shall be entitled to request from Customer, at any time, information on the location of the goods subject to retention of title and about the claims arising from their resale. In the event that third parties seize the goods subject to retention of title or the claims assigned to DL, Customer shall immediately notify DL of such fact, inform the persons seizing them about DL's rights and support DL in the assertion and enforcement of its property rights, in particular to lodge the appeals / remedies necessary to safeguard the rights of DL, at its own expense.
- 7.4 In the event of any conduct of Customer which infringes the contract, in particular in the event of default of payment, DL shall be entitled to take back the goods subject to retention of title; Customer shall insofar be obliged to hand them over. Such a withdrawal of goods subject to retention of title shall not be deemed to be a withdrawal from the Contract, unless DL states that fact expressly, in writing.
- 7.5 If DL makes use of its retention of title toward Customer, DL shall be entitled to access the land plot, premises and buildings of Customer, to take possession of the property of DL and to transport it or to have it transported to another location.
- 7.6 If Customer is a merchant, he shall be obliged to handle the goods subject to retention of title for DL with the care of a prudent businessman and to sufficiently insure them against fire, water, burglary, theft and other impairments by third parties. At DL's request, the insurance policy shall be presented for inspection. Customer assigns to DL, as of now, any claims against the insurance referring thereto. DL declares the re-assignment to Customer under the provision that such will only become effective when and as soon as the retention of title has been cancelled on account of the full payment of DL's claims.
- 7.7 If the value of the securities to which DL is entitled under the aforementioned provisions exceeds the claim of DL toward Customer by a total of more than 20 %, DL shall be obliged to release securities, at Customer's request.

8. Sending of Samples

- 8.1 Shipments of samples for inspection shall be returned within 8 days after receipt without any expenses for the company DL. Otherwise, the shipment will be deemed to be bought and an invoice will be prepared.

9. Return Shipments

- 9.1 Return shipments may only be made after a consultation with DL. A precondition is the submission of the original invoice / delivery note or the statement of the invoice / delivery note number.
- 9.2 Goods whose delivery date is more than 2 months in the past, will not be exchanged or taken back.
- 9.3 Custom-made designs will not be taken back or exchanged.
- 9.4 The range of glues and their components, plastic, cement, materials made of synthetic or natural rubber or the like may only be taken back in unopened original packaging and within 4 weeks, in the interest of the consumer.
- 9.5 Based on the CE provisions, we inform that any costs for re-storing of goods will be passed on to Customer.

10. Custom-made Designs

- 10.1 Orders for customer-made designs may not be cancelled. If that is still done, the company will invoice the entire work performed or the parts processed until the time of cancellation to the maximum amount of the total delivery.
- 10.2 Custom-made designs are generally exempted from exchange / return.

11. Final Provisions

- 11.1 Customer agrees that the personal data collected about him which arise from the contractual relationship will also be used by DL in the group for the company's own purposes and in compliance with the Datenschutzgesetz [Data Protection Act].
- 11.2 Customer shall not be entitled to transfer to third parties any rights and/or duties which he has towards DL under the contractual relationship without DL's prior written consent or to leave them to be exercised by such.
- 11.3 Customer undertakes to keep in strict confidence any information, both written and oral, that is made accessible to him in connection with the contractual relationship with DL and which, according to its type, is not intended for the general public, and to not make it accessible by third parties, neither during the existence of the contractual relationship nor after its termination. Customer will ensure that his employees or other persons involved in the performance of the Contract are subject to the same obligations. Such obligations shall not apply if Customer evidences that he has been aware of such information before the cooperation with DL or that such has come into the public domain without his fault.
- 11.4 German law shall apply exclusively to the contract parties. The provisions of the Convention on Contracts for the International Sale of Goods of 11 April 1980 (CISG) shall be excluded.
- 11.5 Place of jurisdiction for all contracts shall be Pforzheim.
- 11.6 If any provision of these GTC is or becomes ineffective, in whole or in part, the remaining provisions shall remain unaffected.



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