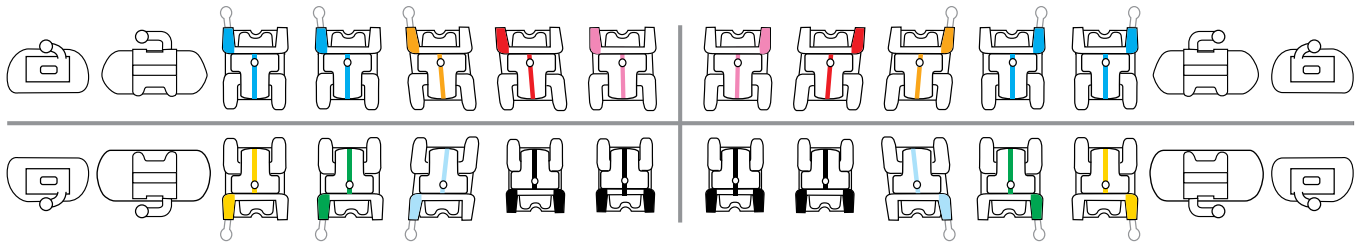


BioQuick® active Brackets – FACE EVOLUTION System



Maxillary					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	0,8	–	739-0103	738-0103	739-0101	738-0101
2 Laterals	+8°	+9°	1,3	–	739-0203	738-0203	739-0201	738-0201
3 Cuspids	+3°	+8°	0,8	–	739-0303	738-0303	739-0301	738-0301
Cuspids + hook	+3°	+8°	0,8	–	739-0313	738-0313	739-0311	738-0311
4 Bicuspids	-7°	0°	0,9	–	739-0503	738-0503	739-0501	738-0501
Bicuspids + hook	-7°	0°	0,9	–	739-0513	738-0513	739-0511	738-0511
5 Bicuspids	-7°	0°	0,9	–	739-0503	738-0503	739-0501	738-0501
Bicuspids + hook	-7°	0°	0,9	–	739-0513	738-0513	739-0511	738-0511
6 1. Molar	-30°	0°	–	10	739-0704	738-0704	739-0702	738-0702
7 2. Molar	-30°	0°	–	6	739-0804	738-0804	739-0802	738-0802

Mandibular					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1 Centrals	-1°	0°	1,4	–	738-1303	738-1303	738-1301	738-1301
2 Laterals	-1°	0°	1,4	–	738-1303	738-1303	738-1301	738-1301
3 Cuspids	-6°	+2°	1,2	–	739-1403	738-1403	739-1401	738-1401
Cuspids + hook	-6°	+2°	1,2	–	739-1413	738-1413	739-1411	738-1411
4 Bicuspids	-17°	0°	1,2	–	739-1503	738-1503	739-1501	738-1501
Bicuspids + hook	-17°	0°	1,2	–	739-1513	738-1513	739-1511	738-1511
5 Bicuspids	-22°	0°	1,2	–	739-1603	738-1603	739-1601	738-1601
Bicuspids + hook	-22°	0°	1,2	–	739-1613	738-1613	739-1611	738-1611
6 1. Molar	-30°	0°	–	–	739B1704	738B1704	739B1702	738B1702
7 2. Molar	-30°	0°	–	–	739-1804	738-1804	739-1802	738-1802

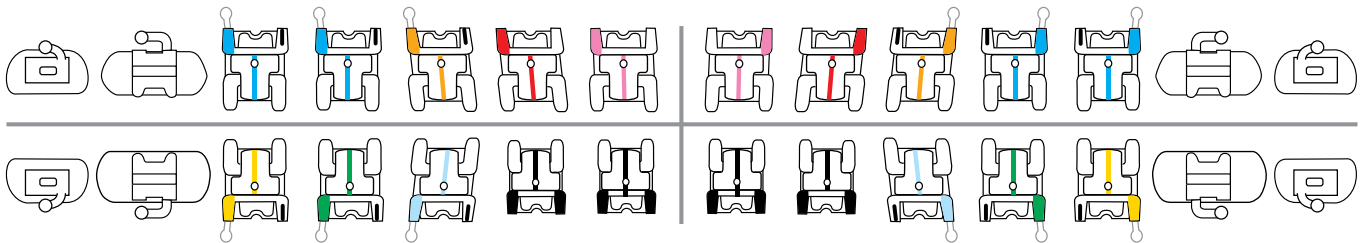
Cases / Variations	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-1200	706-1201	706-1202	706-1209	706-1210	706-1211
3	706-1203	706-1204	706-1205	706-1212	706-1213	706-1214
3-5	706-1206	706-1207	706-1208	706-1215	706-1216	706-1217

More optional torque for central and lower lateral teeth.

Mandibular					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1+2 Centrals / Laterals	-6° *	0°	1,4	–	738-1203	738-1203	738-1201	738-1201

*Bonding brackets upside down will convert from -6° Torque to +6° Torque. But keep in mind: the clip has to be opened to gingival. Please specify whether you prefer this option.

BioQuick® + BioPassive® Brackets – FACE EVOLUTION Hybrid System



Maxillary					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	0,8	–	739-0103	738-0103	739-0101	738-0101
2 Laterals	+8°	+9°	1,3	–	739-0203	738-0203	739-0201	738-0201
3 Cuspids	-2°	+11°	0,8	–	739H0303	738H0303	739H0301	738H0301
	Cuspids + hook	-2°	+11°	0,8	–	739H0313	738H0313	739H0311
4 Bicuspids	-7°	0°	0,9	–	739H0503	738H0503	739H0501	738H0501
	Bicuspids + hook	-7°	0°	0,9	–	739H0513	738H0513	739H0511
5 Bicuspids	-7°	0°	0,9	–	739H0503	738H0503	739H0501	738H0501
	Bicuspids + hook	-7°	0°	0,9	–	739H0513	738H0513	739H0511
6 1. Molar	-30°	0°	–	10	739-0704	738-0704	739-0702	738-0702
7 2. Molar	-30°	0°	–	6	739-0804	738-0804	739-0802	738-0802

Mandibular					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1 Centrals	-1°	0°	1,4	–	738-1303	738-1303	738-1301	738-1301
2 Laterals	-1°	0°	1,4	–	738-1303	738-1303	738-1301	738-1301
3 Cuspids	-11°	+7°	1,2	–	739H1403	738H1403	739H1401	738H1401
	Cuspids + hook	-11°	+7°	1,2	–	739H1413	738H1413	739H1411
4 Bicuspids	-17°	0°	1,2	–	739H1503	738H1503	739H1501	738H1501
	Bicuspids + hook	-17°	0°	1,2	–	739H1513	738H1513	739H1511
5 Bicuspids	-22°	0°	1,2	–	739H1603	738H1603	739H1601	738H1601
	Bicuspids + hook	-22°	0°	1,2	–	739H1613	738H1613	739H1611
6 1. Molar	-30°	0°	–	–	739B1704	738B1704	739B1702	738B1702
7 2. Molar	-30°	0°	–	–	739-1804	738-1804	739-1802	738-1802

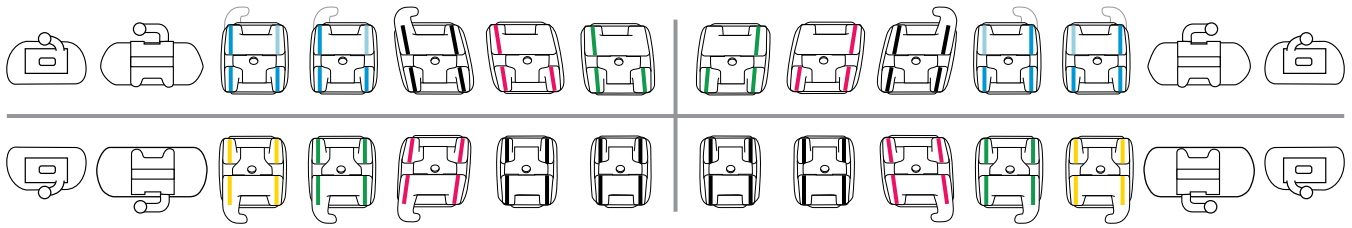
Cases / Variations	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706H1200	706H1201	706H1202	706H1209	706H1210	706H1211
3	706H1203	706H1204	706H1205	706H1212	706H1213	706H1214
3-5	706H1206	706H1207	706H1208	706H1215	706H1216	706v1217

More optional torque for central and lower lateral teeth.

Mandibular					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1+2 Centrals / Laterals	-6° *	0°	1,4	–	738-1203	738-1203	738-1201	738-1201

*Bonding brackets upside down will convert from -6° Torque to +6° Torque. But keep in mind: the clip has to be opened to gingival. Please specify whether you prefer this option.

Quicklear® Brackets – FACE EVOLUTION System



Maxillary					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	0,8	–	C739-0103	C738-0103	C739-0101	C738-0101
2 Laterals	+8°	+9°	1,3	–	C739-0203	C738-0203	C739-0201	C738-0201
3 Cuspids + hook	+3°	+8°	0,8	–	C739-0313	C738-0313	C739-0311	C738-0311
4 Bicuspids	–7°	0°	0,9	–	C739-0503	C738-0503	C739-0501	C738-0501
	–7°	0°	0,9	–	C739-0513	C738-0513	C739-0511	C738-0511
5 Bicuspids	–7°	0°	0,9	–	C739-0503	C738-0503	C739-0501	C738-0501
	–7°	0°	0,9	–	C739-0513	C738-0513	C739-0511	C738-0511
6 1. Molar	–30°	0°	–	10	739-0704	738-0704	739-0702	738-0702
7 2. Molar	–30°	0°	–	6	739-0804	738-0804	739-0802	738-0802

Mandibular					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1 Centrals	–1°	0°	1,4	–	C738-1303	C738-1303	C738-1301	C738-1301
2 Laterals	–1°	0°	1,4	–	C738-1303	C738-1303	C738-1301	C738-1301
3 Cuspids + hook	–6°	+2°	1,2	–	C739-1413	C738-1413	C739-1411	C738-1411
4 Bicuspids	–17°	0°	1,2	–	739-1503	738-1503	739-1501	738-1501
	–17°	0°	1,2	–	739-1513	738-1513	739-1511	738-1511
5 Bicuspids	–22°	0°	1,2	–	739-1603	738-1603	739-1601	738-1601
	–22°	0°	1,2	–	739-1613	738-1613	739-1611	738-1611
6 1. Molar	–30°	0°	–	–	739B1704	738B1704	739B1702	738B1702
7 2. Molar	–30°	0°	–	–	739-1804	738-1804	739-1802	738-1802

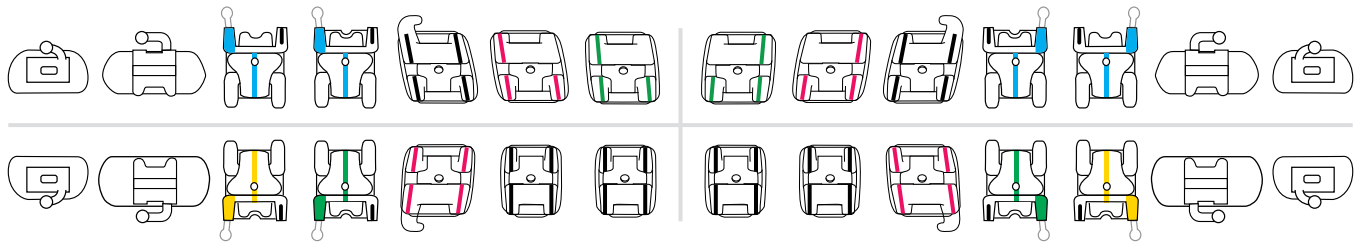
Cases / Variation	Slot .018"			Slot .022"		
	1	3	6	1	3	6
3	C706-1203	C706-1204	C706-1205	C706-1212	C706-1213	C706-1214
3–5	C706-1206	C706-1207	C706-1208	C706-1215	C706-1216	C706-1217

Optionally more torque on mandibular Centrals and Laterals

Mandibular					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1+2 Centrals / Laterals	–6° *	0°	1,4	–	C738-1203	C738-1203	C738-1201	C738-1201

*Bonding brackets upside down will convert from –6° Torque to +6° Torque. But keep in mind: the clip has to be opened to gingival. Please indicate if you prefer this option.

BioQuick® + BioPassive® Brackets – FACE EVOLUTION Hybrid System



Maxillary					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	0,8	–	C739-0103	C738-0103	C739-0101	C738-0101
2 Laterals	+8°	+9°	1,3	–	C739-0203	C738-0203	C739-0201	C738-0201
3 Cuspids + hook	+3°	+8°	0,8	–	C739-0313	C738-0313	C739-0311	C738-0311
4 Bicuspids	-7°	0°	0,9	–	739H0503	738H0503	739H0501	738H0501
Bicuspids + hook	-7°	0°	0,9	–	739H0513	738H0513	739H0511	738H0511
5 Bicuspids	-7°	0°	0,9	–	739H0503	738H0503	739H0501	738H0501
Bicuspids + hook	-7°	0°	0,9	–	739H0513	738H0513	739H0511	738H0511
6 1. Molar	-30°	0°	–	10	739-0704	738-0704	739-0702	738-0702
7 2. Molar	-30°	0°	–	6	739-0804	738-0804	739-0802	738-0802

Mandibular					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1 Centrals	-1°	0°	1,4	–	C738-1303	C738-1303	C738-1301	C738-1301
2 Laterals	-1°	0°	1,4	–	C738-1303	C738-1303	C738-1301	C738-1301
3 Cuspids + hook	-6°	+2°	1,2	–	C739-1413	C738-1413	C739-1411	C738-1411
4 Bicuspids	-17°	0°	1,2	–	739H1503	738H1503	739H1501	738H1501
Bicuspids + hook	-17°	0°	1,2	–	739H1513	738H1513	739H1511	738H1511
5 Bicuspids	-22°	0°	1,2	–	739H1603	738H1603	739H1601	738H1601
Bicuspids + hook	-22°	0°	1,2	–	739H1613	738H1613	739H1611	738H1611
6 1. Molar	-30°	0°	–	–	739B1704	738B1704	739B1702	738B1702
7 2. Molar	-30°	0°	–	–	739-1804	738-1804	739-1802	738-1802

Cases / Variation	Slot .018"			Slot .022"		
	1	3	6	1	3	6
3	C706H1203	C706H1204	C706H1205	C706H1212	C706H1213	C706H1214
3-5	C706H1206	C706H1207	C706H1208	C706H1215	C706H1216	C706H1217

Optionally more torque on mandibular Centrals and Laterals

Mandibular					Slot .018"		Slot .022"	
Teeth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
1+2 Centrals / Laterals	-6° *	0°	1,4	–	C738-1203	C738-1203	C738-1201	C738-1201

*Bonding brackets upside down will convert from -6° Torque to +6° Torque. But keep in mind: the clip has to be opened to gingival. Please indicate if you prefer this option.

Working brackets

For cuspids, the working bracket with 20° positive torque will enable us to place these teeth in the required position to be subsequently replaced with the standard torque bracket or bracket with the final prescription.

For the mandible, the molar torque of -30° operates efficiently in most cases, although at times not in the case of second molars. Indeed, in a lower percentage of cases, the second lower molar “tips” towards the lingual region, especially in those cases with an accentuated curve of Spee.

The explanation appears to reside in the fact that when attempting to access these molars and given that the apices are in relation to the compact bone of the external oblique line, this undesired effect would occur, which is difficult to resolve.

Therefore, FACE EVOLUTION proposes a working tube with 0° of torque which, once the molar torque has been corrected, should be replaced with the prescription's standard finishing tube.

Working brackets and working tubes FACE EVOLUTION System

Mandible					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order no.		Order no.	
					Right	Left	Right	Left
3 Cuspid	+14°	+8°	1,0	-	739-0323	738-0323	739-0321	738-0321
7 2. Molar	0°	0°	0°	6°	748-8311	748-8211	748-8321	748-8221





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Sequence of arches



Alignment stage



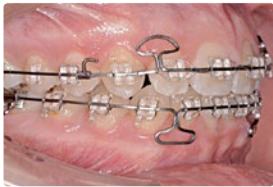
description	Straight-Arch-Form 		Euro-Smile-Form 		Profile	Force	ø Inch	Cont.
	Maxillary	Mandibular	Maxillary	Mandibular				
BioStarter®	203-0825	203-0925	203-1825	203-1925		20 g	.010	10
	203-0830	203-0930	203-1830	203-1930		30 g	.012	10
	203-0835	203-0935	203-1835	203-1935		40 g	.014	10
	203-0845	203-0945	203-1845	203-1945		70 g	.018	10
BioTorque®	203-2048	203-2148	203-4048	203-4148		170 g	.019 x .025	10

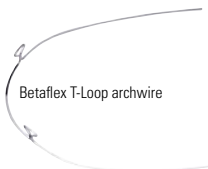

Working stage





description	Order No.	Profile	Size	ø Inch	Content
Forestalloy chrome-cobalt archwires, 4-loop 	257-2648		26 mm	.019 x .025	10
	257-2848		28 mm	.019 x .025	10
	257-3048		30 mm	.019 x .025	10
	257-3248		32 mm	.019 x .025	10
	257-3448		34 mm	.019 x .025	10
	257-3648		36 mm	.019 x .025	10
	257-3848		38 mm	.019 x .025	10
	257-4048		40 mm	.019 x .025	10
	257-4248		42 mm	.019 x .025	10
	257-4448		44 mm	.019 x .025	10

Working stage










description	Order No.	Profile	Size	ø Inch	Content
Betaflex T-Loop archwire 	256-2648		26 mm	.019 x .025	5
	256-2848		28 mm	.019 x .025	5
	256-3048		30 mm	.019 x .025	5
	256-3248		32 mm	.019 x .025	5
	256-3448		34 mm	.019 x .025	5
	256-3648		36 mm	.019 x .025	5
	256-3848		38 mm	.019 x .025	5
	256-4048		40 mm	.019 x .025	5



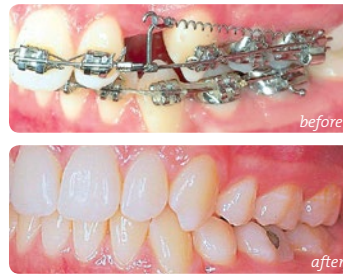
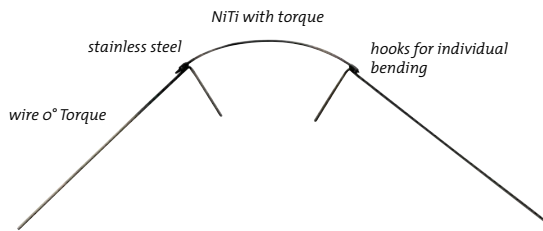
description	Order No.	Profile	Size	ø Inch	Content
Stainless Steel posted archwire 	255-2648		26 mm	.019 x .025	10
	255-2848		28 mm	.019 x .025	10
	255-3048		30 mm	.019 x .025	10
	255-3248		32 mm	.019 x .025	10
	255-3448		34 mm	.019 x .025	10
	255-3648		36 mm	.019 x .025	10
	255-3848		38 mm	.019 x .025	10
	255-4048		40 mm	.019 x .025	10

Finishing stage






description	Straight-Arch-Form 		Euro-Smile-Form 		Profile	Force	ø Inch	Cont.
	Maxillary	Mandibular	Maxillary	Mandibular				
BioFinisher®	203-2054	203-2154	203-4054	203-4154		140 g	.017 x .025	10
	203-2053	203-2153	203-4053	203-4153			200 g	.021 x .025
Stainless steel arch wires	202-3748	202-3848	201-3748	201-3848		–	.019 x .025	10
	202-3754	202-3854	201-3754	201-3854			–	.021 x .025
8 strand Braided stainless steel archwire								
	Maxillary	Mandibular	Profile			ø Inch	Cont.	
	200-8440	200-8540				.019 x .025	10	

Special Auxiliaries
Retraction and torque arch*



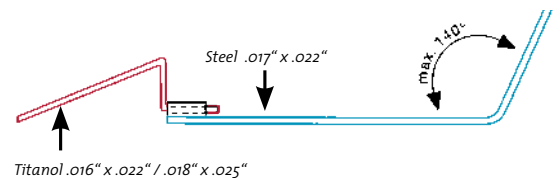
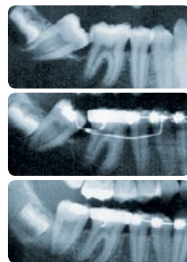
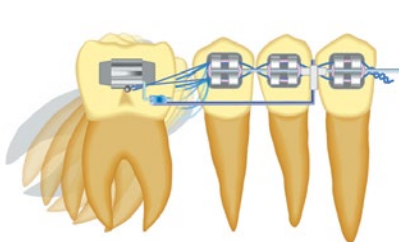
The retraction and torque arch wire is used for bodily retraction and torquing of anterior teeth.



Order no.	anterior segment	torque	lateral segment	technique	content
210-3040	.016 x .022	30°	.017 x .022	.018	1
210-2040	.016 x .022	45°	.017 x .022	.018	1
210-2044	.017 x .025	30°	.017 x .022	.022	1
210-2046	.018 x .025	45°	.017 x .022	.022	1
311-1030			Titanol Instant tension spring	12 mm	10
311-1031				18 mm	
654-0001			Plastic protection tube for tension spring		1
732-0005			Torque key	.018	1
732-0006				.022	





*acc. to Prof. Dr. F.G. Sander

Memory Titanol® Spring for uprighting of the molars*



Uprighting spring
By using the superelastic Titanol® wire with its Martensite plateau a biological favourable low force is effective to the uprighting of the molars.

*acc. to Prof. Dr. F.G. Sander

Order no.		content	description
Slot .018	Slot .022		
307-1011	307-1013		Set with cross tube
307-1010	307-1012		Uprighting spring
760-0062	760-0063		Cross tube
.016" x .016"	307-1009		Molar-Uprighting spring (.016" x .016" – Stiff) High resilient, for the auxiliary slot of the Quick brackets



Collar probe
 For all brackets of the Quick range
 (Attention: Quicklear only to be used
 from vestibular!)

Order no. 501-1843



Classic opening instrument,
 double sided

Order no. C501-1842



Two-pronged probe
 For opening by rotary movement, two-sided,
 (straight prong tip/angled collar tip)

Order no. 501-1844



Archwire-Director

Order no. 501-0861



Bracket removing plier
 with plastic insert, disinfected, sterilisable

Order no. 501-0815