

PRODUCT CATALOG

Made in Korea

Orthodontic Research & Development



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No.06 KIZ Bracket **DESIGN PATENTED**



- Apply Incisor #1 & #2 with Normal Brackets.
- C,D,E (Baby Teeth) Bracket Bonding.
- For Baby Teeth's Bracket only.

C-Type



D-Type



E-Type



Identification System

Upper Right	Upper Left
5 4 3	3 4 5
5 4 3	3 4 5
Lower Right	Lower Left

TYPE

Item No.

C-Type	$\frac{3}{3} \mid \frac{3}{3}$	D350-01C
D-Type	$\frac{4}{4} \mid \frac{4}{4}$	D350-02D
E-Type	$\frac{5}{5} \mid \frac{5}{5}$	D350-03E

No.07 Future Ceramic Bracket (Ceramic Bracket)

DESIGN PATENTED



Translucent Polycrystalline



By Rounded Edge

Reduced patient's irritation.

Advanced Hook Design

Easy ligation of O-rings with both sides' convex shape.

Debonding Guide Line

Minimized teeth's surface damage by easy cracking for bracket removal



Axis Line
Easy positioning of bracket to center of teeth

Anterior Mandibular Shape

Increased convenient procedure with reversed trapezoidal as anterior mandibular



Base Fence

To make a clean procedure by preventing flowing of orthodontic bonding cement

Embossed Pillars

To maximize bonding between brackets and cement with widen bonding area

Translucent Polycrystalline Ceramic Bracket

FUTURE

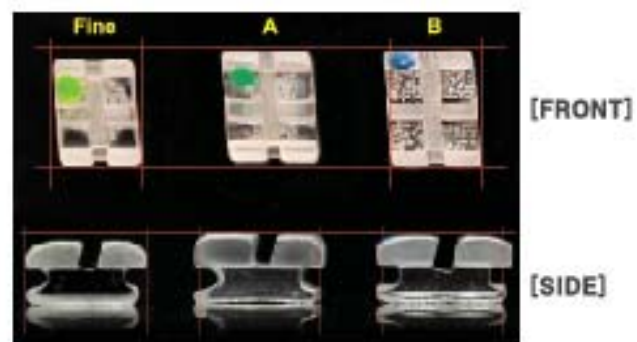


Ceramic bracket



Maxillary	Roth 022			MBT 022		
	Torque	Angle	Part No.	Torque	Angle	Part No.
Central	+ 12 °	+ 5 °	R FR122-11 L FR122-21	+ 17 °	+ 4 °	R FM123-11 L FM122-21
Lateral	+ 8 °	+ 9 °	R FR122-12 L FR122-22	+ 10 °	+ 8 °	R FM123-11 L FM123-21
Cuspid	0 °	+ 11 °	R FR122-13H L FR122-23H	- 7 °	+ 8 °	R FM123-13H L FM123-23H
1st Bicuspid	- 7 °	0 °	R FR122-14H L FR122-24H	- 7 °	0 °	R FM123-14H L FM123-24H
2nd Bicuspid	- 7 °	0 °	R FR122-15H L FR122-25H	- 7 °	0 °	R FM123-15H L FM123-25H
Mandibular	Roth 022			MBT 022		
	Torque	Angle	Part No.	Torque	Angle	Part No.
Anterior	0 °	0 °	R FR122-31 L	- 6 °	0 °	R FM123-31 L
Cuspid	- 11 °	+ 5 °	R FR122-43H L FR122-33H	- 8 °	+ 3 °	R FM123-43H L FM123-33H
1st Bicuspid	- 17 °	0 °	R FR122-44H L FR122-34H	- 12 °	0 °	R FM123-44H L FM123-34H
2nd Bicuspid	- 22 °	0 °	R FR122-45H L FR122-35H	- 17 °	0 °	R FM123-45H L FM123-35H

No.08 Fine Bracket(Sapphire) (Ceramic Bracket)



▼ comparison of Speeddental and Others

- Biocompatibility Test Report

- The First certified brackets by GMP in Korea
- Suitable dimensions and shapes for ISO standard

- Silica Coating

- Improved Durability, Less Breakage
- Excellent Sliding the same as Metal Brackets

- Esthetic Design

- Superior Transparency : not only flat surface but also rounded edge

- Base Curvature

- The most suitable curvature for teeth

- Comfort

- Low profile
- Minimized contact to soft tissue
- Smooth surface & Rounded Wing

- Circular Base Finishing

- Stable Bonding & Easy Debonding

Identification System									
8)	4)	3)	2)	1)	1)	2)	3)	4)	8)
5)	4)	3)	2)	1)	1)	2)	3)	4)	5)

ROTH

▲ MAXILLARY	Torque	Angle	.018" R	.018" L	.022" R	.022" L
Central <u>1 1</u>	12°	5°	121-101R	121-101L	122-102R	122-102L
Lateral <u>2 2</u>	8°	9°	121-201R	121-201L	122-202R	122-202L
Cuspid <u>3 3</u>	0°	11°	121-301R	121-301L	122-302R	122-302L
Cuspid (Hook) <u>4 4</u>	-7°	0°	121-401R	121-401L	122-402R	122-402L
Bicuspid (Hook) <u>5 5</u>	-7°	0°	121-501R	121-501L	122-502R	122-502L
Bicuspid <u>4.5 4.5</u>	-7°	0°	121-401R/501R	121-401L/501L	122-402R-502R	122-402L-502L

▼ MANDIBULAR	Torque	Angle	.018" R	.018" L	.022" R	.022" L
Anterior <u>1.2 1.2</u>	0°	0°	121-1110R	121-1110L	122-1120R	122-1120L
Cuspid <u>3 3</u>	-11°	5°	121-311R	121-311L	122-312R	122-312L
1st Bicuspid (Hook) <u>4 4</u>	-17°	0°	121-411R	121-411L	122-412R	122-412L
2nd Bicuspid (Hook) <u>5 5</u>	-22°	0°	121-511R	121-511L	122-512R	122-512L
1st Bicuspid <u>4 4</u>	-17°	0°	121-411R	121-411L	122-412R	122-412L
2nd Bicuspid <u>5 5</u>	-22°	0°	121-511R	121-511L	122-512R	122-512L

MBT

▲ MAXILLARY	Torque	Angle	.018" R	.018" L	.022" R	.022" L
Central <u>1 1</u>	17°	4°	123-101R	123-101L	124-102R	124-102L
Lateral <u>2 2</u>	10°	8°	123-201R	123-201L	124-202R	124-202L
Cuspid <u>3 3</u>	-7°	8°	123-301R	123-301L	124-302R	124-302L
Cuspid (Hook) <u>4 4</u>	-7°	0°	123-401R	123-401L	124-402R	124-402L
Bicuspid <u>5 5</u>	-7°	0°	123-501R	123-501L	124-502R	124-502L
Bicuspid (Hook) <u>4.5 4.5</u>	-7°	0°	123-401R/501R	123-401L/501L	124-402R-502R	124-401L-502L

▼ MANDIBULAR	Torque	Angle	.018" R	.018" L	.022" R	.022" L
Anterior <u>1.2 1.2</u>	-6°	0°	123-1110R	123-1110L	124-1120R	124-1120L
Cuspid <u>3 3</u>	-6°	3°	123-311R	123-311L	124-312R	124-312L
1st Bicuspid (Hook) <u>4 4</u>	-12°	0°	123-411R	123-411L	124-412R	124-412L
2nd Bicuspid (Hook) <u>5 5</u>	-17°	0°	123-411R	123-411L	124-512R	124-512L
1st Bicuspid <u>4 4</u>	-17°	0°	123-511R	123-511L	124-412R	124-412L
2nd Bicuspid <u>5 5</u>	-12°	0°	123-411R	123-411L	124-512R	124-512L

No.09 Stable Metal Bracket



Smooth Rounded Facial Contours

Enhances patient comfort and improves aesthetics

- WIRE CUTTING TECHNOLOGY
- COLOR I.D. FOR EASY IDENTIFICATION
- GENEROUS TIE WING AREA FOR EASY LIGATION
- TORQUE-IN-BASE DESIGN TECHNIQUES TO PROVIDE LEVEL SLOT LINE-UP, AND HELP AVOID OCCLUSAL INTERFERENCE
- STRAIGHT ARCH SYSTEM COMPOUND/CONTOUR DESIGN
- LOW PROFILE DESIGN
- MICRO-ETCHED MESH PADS
- METAL INJECTION MOLDING(MIM)

Speed Dental's version of the ROTH & MBT Prescription

ROTH

▲ MAXILLARY		.018" R	.018" L	.022" R	.022" L
Central	<u>1 1</u>	251-021	251-025	252-021	252-025
Lateral	<u>2 2</u>	251-022	251-026	252-022	252-026
Cuspid	<u>3 3</u>	251-023	251-027	252-023	252-027
Bicuspid	<u>4,5 4,5</u>	251-024	251-028	252-024	252-028

▼ MANDIBULAR		.018" R	.018" L	.022" R	.022" L
Anterior	<u>1,2 1,2</u>	251-029	251-029	252-029	252-029
Cuspid	<u>3 3</u>	251-033	251-030	252-033	252-030
1st Bicuspid	<u>4 4</u>	251-034	251-031	252-034	252-031
2nd Bicuspid	<u>5 5</u>	251-035	251-032	252-035	252-032

PATIENT Kits	Prescription Upper/Lower 5x5	.018"	.022"
		215-0000	252-0000

MBT

▲ MAXILLARY		.018" R	.018" L	.022" R	.022" L
Central	<u>1 1</u>	253-021	253-025	254-021	254-025
Lateral	<u>2 2</u>	253-022	253-026	254-022	254-026
Cuspid	<u>3 3</u>	253-023	253-027	254-023	254-027
Bicuspid	<u>4,5 4,5</u>	253-024	253-028	254-024	254-028

▼ MANDIBULAR		.018" R	.018" L	.022" R	.022" L
Anterior	<u>1,2 1,2</u>	253-029	253-029	254-029	254-029
Cuspid	<u>3 3</u>	253-033	253-030	254-033	254-030
1st Bicuspid	<u>4 4</u>	253-034	253-031	254-034	254-031
2nd Bicuspid	<u>5 5</u>	253-035	253-032	254-035	254-032

PATIENT Kits	Prescription Upper/Lower 5x5	.018"	.022"
		253-0000	254-0000

No.10 Beetle Slim Bracket



Various Range of Applications

- It has so small and smooth external contour which results minimized discomfort.
- With increasing inter-braces distance, using thin Nickel Titanium wire, it is possible to apply extremely light forces to teeth.
- As a result of the slot tubes, less friction has been produced.
- It can greatly speed up the alignment process.
- It is more favorable for the oral hygiene.
- It is applicable as an attachment of the CLEAR ALIGNER orthodontic appliance, thereby practicing more precise treatment.
- It is also widely available to treat patients whose occlusion is complicated.
- It can be used with RPE, Quad-Helix, and Twin-block appliance simultaneously.
- It is much more comfortable to install power chains.



Circle Wires	Upper	Lower
0.008	BT108-11	BT108-20
0.010	BT110-11	BT110-20
0.012	BT112-11	BT112-20
0.014	BT114-11	BT114-20
0.016	BT116-11	BT116-20

Arch Wires	Upper	Lower
.008"	DEA008U	DEA008L
.010"	DEA010U	DEA010L

▼ Clinical Testing



Cleft Lip & Palate : 1 Month



Blocked Laterals



Crooked Centralis



Class II div 2



Pre-Op Orthodontic



Mixed Dentition



TG & CA Collaboration



Crossbite Correction



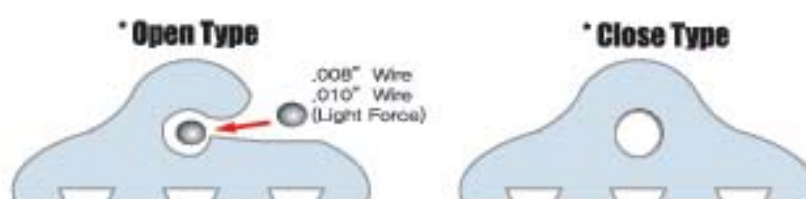
Anterior Crowding

No.11 Easyst Simple Bracket

DESIGN PATENTED



Design Patent License No. 30-2013-0022371



※ How to use



- Excellent comfortability and aesthetic appeal by smaller size and simple structure.
- Easy oral hygiene management.
- Easy positioning.
- Useful for indirect skeletal anchorage and partial orthodontics.
- Dove Tail Grooves (To provide superior mechanical lock)

Prescription	Item No.
Central (10's)	D800-001
Lateral/Anterior (10's)	D800-002
Cuspid (10's)	D800-003
Upper/Lower 3x3 (12's)	D800-004
Upper/Lower 5x5 (20's)	D800-005

Identification System									
Upper Right					Upper Left				
5	4	3	2	1	1	2	3	4	5
5	4	3	2	1	1	2	3	4	5
Lower Right					Lower Left				

No.12 Simple Tubing (3.2mm)



- Rapid Anterior alignment
- Durable aesthetic coating
- For total aesthetic treatment
- Very comfortable to the patient
- Slides easily onto the arch wire
- 3.2 mm in length

Item No.

D800-881



Clinical Testing



No.13 Premium Buccal Tubes

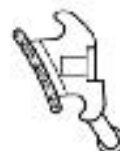
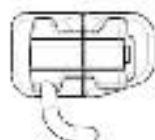
- maximum comfort
- 50% wider opening for easier wire insertion
- Easy placement
- Enhanced bond strength
- Reduced bond failures

■ UPPER

		RX	TORQ	ROT	M-D	R/L	.018	.022
	Double Convertible	MBT	-14	10	3.95mm	UR6	D601-001	D601-101
		MBT	-14	10	3.95mm	UL6	D601-002	D601-102
		Roth	-10	8	3.95mm	UR6	D701-001	D701-101
		Roth	-10	8	3.95mm	UL6	D701-002	D701-102
	Single Convertible	Roth	-10	8	3.85mm	UR6	D601-007	D601-107
		Roth	-10	8	3.85mm	UL6	D601-008	D601-108
		MBT	-10	0	3.85mm	UR6	D701-007	D701-107
		MBT	-10	0	3.85mm	UL6	D701-008	D701-108
	Single Non Convertible	Roth	-10	+8	3.65mm	UR6/7	D601-013	D601-113
		Roth	-10	+8	3.65mm	UL6/7	D601-014	D601-114
		MBT	-14	+10	3.65mm	UR6/7	D801-015	D801-115
		MBT	-14	+10	3.65mm	UL6/7	D801-016	D801-116

■ LOWER

		RX	TORQ	ROT	M-D	R/L	.018	.022
	Double Convertible	Roth	-25	5	3.95mm	LR6	D601-021	D601-121
		Roth	-25	5	3.95mm	LL6	D601-022	D601-122
		MBT	-20	0	3.95mm	LR6	D701-021	D701-121
		MBT	-20	0	3.95mm	LL6	D701-022	D701-122
	Single Convertible	MBT	-25	5	3.85mm	LR6	D601-023	D601-123
		MBT	-25	5	3.85mm	LL6	D601-024	D601-124
		Roth	-20	0	3.85mm	LR6	D701-023	D701-123
		Roth	-20	0	3.85mm	LL6	D701-024	D701-124
	Single Non Convertible	Roth	-25	+5	3.65mm	LR6/7	D601-031	D601-131
		Roth	-25	+5	3.65mm	LL6/7	D601-032	D601-132
		MBT	-10	0	3.65mm	LR6/7	D701-033	D701-133
		MBT	-10	0	3.65mm	LL6/7	D701-034	D701-134



No.14 Micro Mini Buccal Tube

- All-in-one structure for maximum strength
- Precision casting for intricate design
- Low profile for patient comfort
- Indented mesh pad for easy placement
- Enlarged arch wire entry hole, makes arch wire placement easy
- Coloured positioning

■ UPPER

		RX	TORQ	ROT	M-D	R/L	.018	.022
	Double Convertible	MBT	-14	10	2.95mm	UR6	D601-001M	D601-101M
		MBT	-14	10	2.95mm	UL6	D601-002M	D601-102M
		Roth	-10	8	2.95mm	UR6	D701-001M	D701-101M
		Roth	-10	8	2.95mm	UL6	D701-002M	D701-102M
	Single Convertible	Roth	-10	8	2.95mm	UR6	D601-007M	D601-107M
		Roth	-10	8	2.95mm	UL6	D601-008M	D601-108M
		MBT	-10	0	2.95mm	UR6	D701-007M	D701-107M
		MBT	-10	0	2.95mm	UL6	D701-008M	D701-108M
	Single Non Convertible	Roth	-10	+8	2.65mm	UR6/7	D601-013M	D601-113M
		Roth	-10	+8	2.65mm	UL6/7	D601-014M	D601-114M
		MBT	-14	+10	2.65mm	UR6/7	D801-015	D801-115M
		MBT	-14	+10	2.65mm	UL6/7	D801-016	D801-116M

■ LOWER

		RX	TORQ	ROT	M-D	R/L	.018	.022
	Double Convertible	Roth	-25	5	2.95mm	LR6	D601-021M	D601-121M
		Roth	-25	5	2.95mm	LL6	D601-022M	D601-122M
		MBT	-20	0	2.95mm	LR6	D701-021M	D701-121M
		MBT	-20	0	2.95mm	LL6	D701-022M	D701-122M
	Single Convertible	MBT	-25	5	2.95mm	LR6	D601-023M	D601-123M
		MBT	-25	5	2.95mm	LL6	D601-024M	D601-124M
		Roth	-20	0	2.95mm	LR6	D701-023M	D701-123M
		Roth	-20	0	2.95mm	LL6	D701-024M	D701-124M
	Single Non Convertible	Roth	-25	+5	2.65mm	LR6/7	D601-031M	D601-131M
		Roth	-25	+5	2.65mm	LL6/7	D601-032M	D601-132M
		MBT	-10	0	2.65mm	LR6/7	D701-033M	D701-133M
		MBT	-10	0	2.65mm	LL6/7	D701-034M	D701-134M



No.15 LP Buccal Tubes



Low Profile Buccal Tubes Sleek and stylish, D-Dental LP buccal tube incorporates the latest design technology with a growing industry demand for comfortable, easy-to-use appliances that simplify treatment and reduce valuable chair time.

■ UPPER

		RX	TORQ	ROT	M-D	R/L	.018	.022
	Single Non Convertible 6	MBT	-14	10	4.4mm	UR6	D601-001L	D601-101L
		MBT	-14	10	4.4mm	UL6	D601-002L	D601-102L
		Roth	-14	-14	4.4mm	UR6	D701-001L	D701-101L
		Roth	-14	-14	4.4mm	UL6	D701-002L	D701-102L
	Single Non Convertible 7	Roth	-10	+8	3.3mm	UR6/7	D601-013BL	D601-113BL
		Roth	-10	+8	3.3mm	UL6/7	D601-014BL	D601-114BL
		MBT	-14	+10	3.3mm	UR6/7	D801-013BL	D801-113BL
		MBT	-14	+10	3.3mm	UL6/7	D801-014BL	D801-114BL

■ LOWER

		RX	TORQ	ROT	M-D	R/L	.018	.022
	Single Non Convertible 6	Roth	-25	5	4.4mm	LR6	D601-021L	D601-121L
		Roth	-25	5	4.4mm	LL6	D601-022L	D601-122L
		MBT	-20	0	4.4mm	LR6	D701-021L	D701-121L
		MBT	-20	0	4.4mm	LL6	D701-022L	D701-122L
	Single Non Convertible 7	Roth	-25	+5	3.3mm	LR6/7	D601-031BL	D601-131BL
		Roth	-25	+5	3.3mm	LL6/7	D601-032BL	D601-132BL
		MBT	-10	0	3.3mm	LR6/7	D701-031BL	D701-131BL
		MBT	-10	0	3.3mm	LL6/7	D701-032BL	D701-132BL

No.16 Contour Molar Bands



- Superior Tooth Design Adapts to Anatomical Contours
- Proportional Graduated Full Sizes in Both Uppers and Lower-Numbered 1-30
- Regular Temper
- Malleability with Excellent Adaptation
- Easy to Recontour
- Accurate Right and Left Occlusal/Gingival Tooth Anatomy
- Usable with Micro-Etched Interiors for Maximum Retention

1st Molar Distribution Kit - Distribution by Quadrant: (UR, UL, LR, LL)

Band size	1	2	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
Standard(100)	1	1	1	1	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	5	5	4	3	2	2	2	1	1
Master(200)	1	1	1	2	2	2	4	4	6	6	8	10	10	12	14	16	16	16	14	12	10	8	6	4	4	2	2	2

Type	Item No.
UR Molar Band Tray Kit (100s)	D400-001
UL Molar Band Tray Kit (100s)	D400-002
LR Molar Band Tray Kit (100s)	D400-003
LL Molar Band Tray Kit (100s)	D400-004
Standard Kit(400ea)set Kit (100s)	D400-005
Master(800ea)set	D400-006
Bicupid Band (Upper) 100ea	D400-007
Bicupid Band (Lower) 1000ea	D400-008
Bicupid Band (200ea)	D400-009



No.17 Bicuspid Bands



Upper 1st & 2st

Lower 1st

Lower 2st



Universally shaped with true fit and accurate function. With distinctive shape and sizes, all bands are laser marked and have a full size range for maximum retention.

1st,2st Bicuspid Bands (Upper & Lower)

Band size	1	2	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	31	32
Standard(100)	1	1	1	1	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	5	5	4	3	2	2	2						
Master(200)	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2															
											2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2

Upper (Size No.1~32)

Lower { 1st No.1~17)
 2st No.11~32)



Type	Item No.
Upper (100s)	D400-002
Lower & 2Lower (100s)	D400-003



Molar Bands

- Permanent Size Marking
- Anatomically Contoured

- Full Tempered
- Enganced Retention

SPEED DENTAL	
Band Size	Item No.
1	D1-01
2	D1-02
3	D1-03
4	D1-04
5	D1-05
6	D1-06
7	D1-07
8	D1-08
9	D1-09
10	D1-10
11	D1-11
12	D1-12
13	D1-13
14	D1-14
15	D1-15
16	D1-16
17	D1-17
18	D1-18
19	D1-19
20	D1-20
21	D1-21
22	D1-22
23	D1-23
24	D1-24
25	D1-25
26	D1-26
27	D1-27
28	D1-28
29	D1-29
30	D1-30

3M Unitek	GAC Snap-Fit	AO Master	ORMCO
29	1	29	
29.5		29.5	
30	2	30	
30.5		30.5	1
31	3	31	
31.5	4	31.5	2
32	5	32	3
32.5	6	1.5	
33	7	2	4
33.5	8	2.5	5
34	9	3	
34.5	10	3.5	6
35	11	4	
		4.25	7
35.5	12	4.5	9
		4.75	
36	13	5	10
		5.25	11
36.5	14	5.5	12
		5.75	
37	15	6	13
		6.25	14
37.5	16	6.5	
		6.75	16
38	17	7	
		7.25	17
38.5	18	7.5	18
		7.75	
39	19	8	19
		8.25	20
39.5	20	8.5	21
		8.75	22
40	21	9	23
40.5	22	9.5	
41	23	10	24
41.5	24	10.5	
42	25	11	26
42.5	26	11.5	27
43	27	12	
43.5	28	12.5	28
44	29	13	29
	30	13.5	30



No.18 Easyst Wire



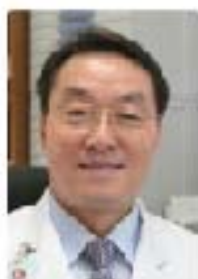
Ni-Ti Arch Wire

Size	Upper	Lower
.008"	DEE008U	DEE008L
.010"	DEE010U	DEE010L

Ni-Ti Roll Wire

Size	Item No.
.008"	DER008
.010"	DER010

EASYst Instruction



EASYst developer
PROFESSOR, Jeon Yunsik



QR Code



▶ open



Opener & Toker

▶ closed



Utility Plier

No.19 Easyst Opener & Tucker



Item No.
D-276

No.20 40° Mathieu Plier



Item No.
D-514

clinical testing

[Anterior Space gaining]



[Canine retraction]



[NiTi scissors bite corrector]



EASYst(EASY Slit Tube)

Applying Method for Indirect Bonding

1. Applying

- Make custom base by proper bonding of Easyst To set-up model and remove wire



**Easyst set-up
on model properly.**

- Apply Soft-omnivac sheet to set-up Easyst on model and make IDB (Indirect Bonding)Cap of each tooth.



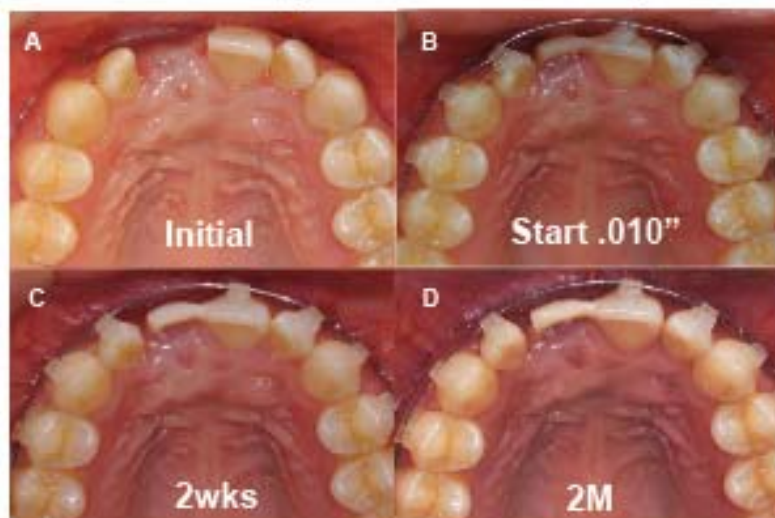
**IDB Cap made by
Soft omnivac Sheet**

2. Bonding

- Indirect bonding Technic
 - 1) Remove foreign object by pumice
 - 2) Apply Acid-etching on the surface of teeth
 - 3) Apply Bonding agent on surface of teeth and apply Resin on the Easyst applying surface by curing light.
 - 4) Apply IDB Cap to teeth and adhere Easyst to the surface of teeth with applying light curing
 - 5) Remove IDB Cap and remove exceed resin by curing light.

Clinical Cases by Easyst Treatment

1) Successful case of Crowding treatment of maxillary anterior by Easyst



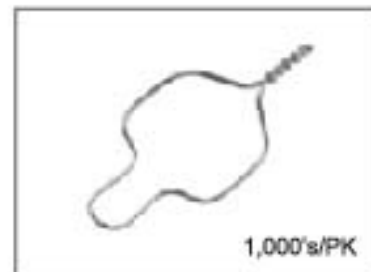
2) Successful case of maxillary anterior's Space Closure of Diastema treatment by Easyst & E-thread.



3) Successful case of mandibular anterior's Minor Crowding by Easyst & E-thread.



No.21 Ligature Wire (Short)



- Twisted ends allow quick positioning
- Time saving by soft Stainless Steel ligature with ends twisted for quick placement.
- Fits Shortly Twist Holder or Mathieu Needle Holder.

Size	Item No.
009" (short)	D700-701
010" (short)	D700-700
011" (short)	D700-703
012" (short)	D700-704



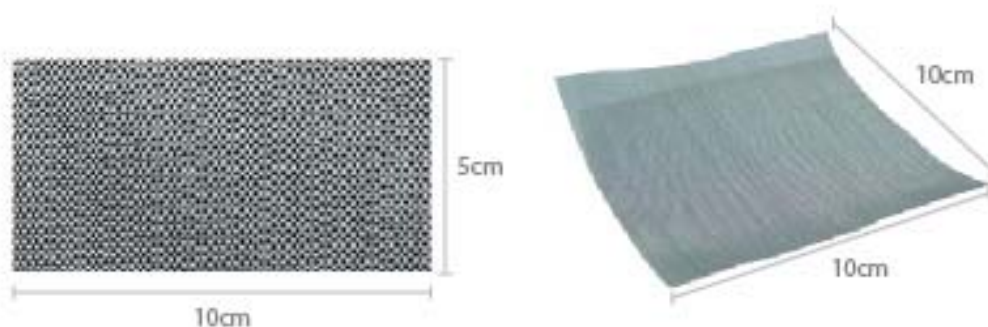
No.22 Ligature Ties (Long)



Size	Item No.
0.008" (Long)	D700-606
0.009" (Long)	D700-607
0.010" (Long)	D700-608
0.012" (Long)	D700-609

Made from Type 304 dead soft stainless steel with a bright, diamond die high quality finish.
100 ties per tube.

No.23 Mesh Gauge



- For making Individual retentive bases.
Periodontal splint etc., 10x5cm & 10x10cm

Size	Item No.
10x5cm	D800-701
10x10cm	D800-702

No.24 Direct Bonding Pads



UR	6
6	LL
6	UL
LR	6



UR	7
7	LL
7	UL
LR	7



- A lamination of stainless steel foil and sintered mesh.
This pad is the ultimate in strength, anchorage and aesthetics.
Sold in 10's. Bicuspid Narrow & Molar



5.4	4.5
5.4	4.5



TYPE	Item No.
Bicuspid (4,5)	D800-101
1st Molar (6)URLL	D800-102URLL
1st Molar (6)ULLR	D800-102ULLR
2nd Molar (7)URLL	D800-103URLL
2nd Molar (7)ULLR	D800-103ULLR

No.25 Ligature Wire (ROLL)



- High quality stainless steel liature wire is super smooth wire for easy tying. Available in .009, .010 and .012. One-Pound spool.

Size	Item No.
Roll(.008")	D700-601
Roll(.009")	D700-602
Roll(.010")	D700-603
Roll(.011")	D700-604
Roll(.012")	D700-605

Ligature Forming Plier



Item No.
D-225

No.26 Lab Wire



Size	Item No. (12m)	Item No. (500g)
0.5mm	D450-050	
0.6mm	D450-060	D451-060
0.7mm	D450-070	D451-070
0.8mm	D450-080	D451-080
0.9mm	D450-090	D451-090
1.0mm	D450-100	D451-100
1.1mm	D450-110	
1.2mm	D450-120	

Chromium stainless steel alloy.
Diamond drawn to obtain highly resistant and stainless leveled surface. Suitable for all orthodontic applications.

No.27 Power Cable Wire

Power cable Arch Wire



Power Cable Arch Wire

Nickel Titanium

Speed Dental Co., Ltd.
#003-1 A-dong Paeon The Shop, 151, Suthwong-dong, Jung-gu, Seoul, Korea
Tel : 82-2-777-2803/2876 Fax : 82-777-2803
www.speeddental.kr



10's/PK

7 Cross Section



SIZE

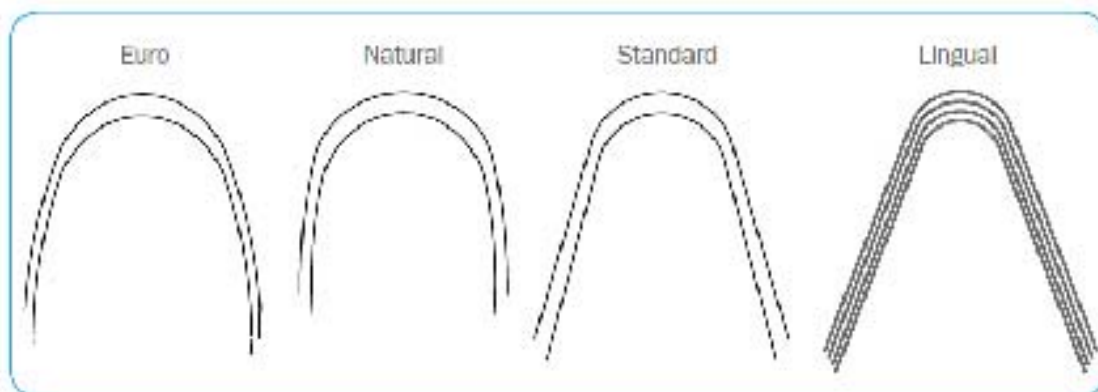
DPC012	.012"	U/L
DPC014	.014"	U/L
DPC016	.016"	U/L
DPC018	.018"	U/L



- Ultra Light Force
- More Accommodating
- More Comfortable
- 7 Cable Ni-Ti



Arch Form



No.28 Stainless Steel Wire



- Can be used throughout treatment, but are best suited for mid-to late stages of treatment
- Superior surface finish
- Higher force and limited resiliency when compared with C.N.A. Wire
- Forces drop quickly, best suited as a finishing wire
- Easy to bend



Size		
DSS012	.012"	U/L
DSS014	.014"	U/L
DSS016	.016"	U/L
DSS018	.018"	U/L
DSS020	.020"	U/L



Size		
DSS1616	.016" x .016"	U/L
DSS1622	.016" x .022"	U/L
DSS1722	.017" x .022"	U/L
DSS1725	.017" x .025"	U/L
DSS1822	.018" x .022"	U/L
DSS1825	.018" x .025"	U/L
DSS1925	.019" x .025"	U/L
DSS2125	.021" x .025"	U/L



No.29 Nickel Titanium Arch Wire



- Ideal for alignment and leveling in early to midstages of treatment
- Light to moderate consistent forces
- Near consistent force over a long activation period
- High flexibility
- Leveling, torquing and rotation can be addressed simultaneously early in treatment



Round ●

Size		
DNT012	.012"	U/L
DNT014	.014"	U/L
DNT016	.016"	U/L
DNT018	.018"	U/L
DNT020	.020"	U/L



Rect ■

Size		
DNT1616	.016" x .016"	
DNT1622	.016" x .022"	
DNT1722	.017" x .022"	
DNT1725	.017" x .025"	
DNT1822	.018" x .022"	
DNT1825	.018" x .025"	
DNT1925	.019" x .025"	
DNT2125	.021" x .025"	



No.30 Posted Wire



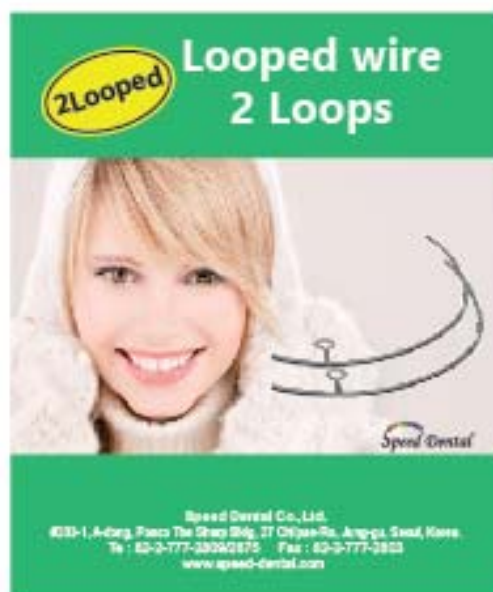
	Size
DPW1624	16x22 24mm (10's)
DPW1626	16x22 26mm (10's)
DPW1628	16x22 28mm (10's)
DPW1630	16x22 30mm (10's)
DPW1632	16x22 32mm (10's)
DPW1634	16x22 34mm (10's)
DPW1636	16x22 36mm (10's)
DPW1638	16x22 38mm (10's)
DPW1640	16x22 40mm (10's)
DPW1642	16x22 42mm (10's)
DPW1644	16x22 44mm (10's)

	Size
DPW1724	17x25 24mm (10's)
DPW1726	17x25 26mm (10's)
DPW1728	17x25 28mm (10's)
DPW1730	17x25 30mm (10's)
DPW1732	17x25 32mm (10's)
DPW1734	17x25 34mm (10's)
DPW1736	17x25 36mm (10's)
DPW1738	17x25 38mm (10's)
DPW1740	17x25 40mm (10's)
DPW1742	17x25 42mm (10's)
DPW1744	17x25 44mm (10's)

	Size
DPW1824	18x25 24mm (10's)
DPW1826	18x25 26mm (10's)
DPW1828	18x25 28mm (10's)
DPW1830	18x25 30mm (10's)
DPW1832	18x25 32mm (10's)
DPW1834	18x25 34mm (10's)
DPW1836	18x25 36mm (10's)
DPW1838	18x25 38mm (10's)
DPW1840	18x25 40mm (10's)
DPW1842	18x25 42mm (10's)
DPW1844	18x25 44mm (10's)

	Size
DPW1924	19x25 24mm (10's)
DPW1926	19x25 26mm (10's)
DPW1928	19x25 28mm (10's)
DPW1930	19x25 30mm (10's)
DPW1932	19x25 32mm (10's)
DPW1934	19x25 34mm (10's)
DPW1936	19x25 36mm (10's)
DPW1938	19x25 38mm (10's)
DPW1940	19x25 40mm (10's)
DPW1942	19x25 42mm (10's)
DPW1944	19x25 44mm (10's)

No.31 2 Looped Wire (2 Loops)



- Ideal for alignment and leveling in early to midstages of treatment
- Light to moderate constant forces
- Near constant force over a long activation period
- High flexibility
- Leveling, torquing and rotation can be addressed simultaneously early in treatment

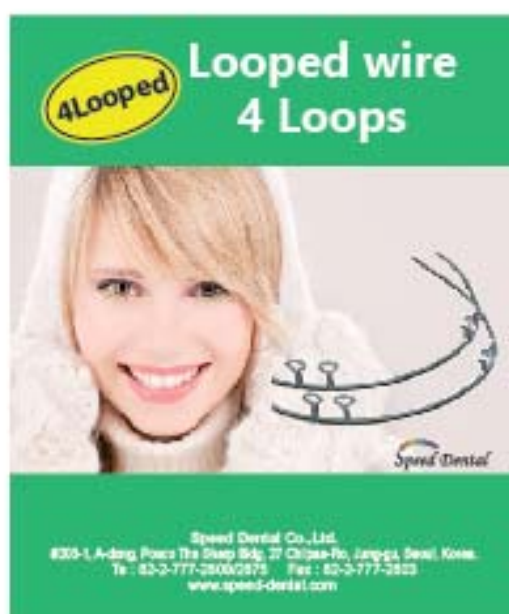
Size	
DLWO1624	16x22 24mm (10's)
DLWO1626	16x22 26mm (10's)
DLWO1628	16x22 28mm (10's)
DLWO1630	16x22 30mm (10's)
DLWO1632	16x22 32mm (10's)
DLWO1634	16x22 34mm (10's)
DLWO1636	16x22 36mm (10's)
DLWO1638	16x22 38mm (10's)
DLWO1640	16x22 40mm (10's)
DLWO1642	16x22 42mm (10's)
DLWO1644	16x22 44mm (10's)

Size	
DLWO1724	17x25 24mm (10's)
DLWO1726	17x25 26mm (10's)
DLWO1728	17x25 28mm (10's)
DLWO1730	17x25 30mm (10's)
DLWO1732	17x25 32mm (10's)
DLWO1734	17x25 34mm (10's)
DLWO1736	17x25 36mm (10's)
DLWO1738	17x25 38mm (10's)
DLWO1740	17x25 40mm (10's)
DLWO1742	17x25 42mm (10's)
DLWO1744	17x25 44mm (10's)

Size	
DLWO1824	18x25 24mm (10's)
DLWO1826	18x25 26mm (10's)
DLWO1828	18x25 28mm (10's)
DLWO1830	18x25 30mm (10's)
DLWO1832	18x25 32mm (10's)
DLWO1834	18x25 34mm (10's)
DLWO1836	18x25 36mm (10's)
DLWO1838	18x25 38mm (10's)
DLWO1840	18x25 40mm (10's)
DLWO1842	18x25 42mm (10's)
DLWO1844	18x25 44mm (10's)

Size	
DLWO1924	19x25 24mm (10's)
DLWO1926	19x25 26mm (10's)
DLWO1928	19x25 28mm (10's)
DLWO1930	19x25 30mm (10's)
DLWO1932	19x25 32mm (10's)
DLWO1934	19x25 34mm (10's)
DLWO1936	19x25 36mm (10's)
DLWO1938	19x25 38mm (10's)
DLWO1940	19x25 40mm (10's)
DLWO1942	19x25 42mm (10's)
DLWO1944	19x25 44mm (10's)

No.32 4 Looped Wire (4 Loops)



Size	
DLW1624	16x22 24mm (10's)
DLW1626	16x22 26mm (10's)
DLW1628	16x22 28mm (10's)
DLW1630	16x22 30mm (10's)
DLW1632	16x22 32mm (10's)
DLW1634	16x22 34mm (10's)
DLW1636	16x22 36mm (10's)
DLW1638	16x22 38mm (10's)
DLW1640	16x22 40mm (10's)
DLW1642	16x22 42mm (10's)
DLW1644	16x22 44mm (10's)

Size	
DLW1824	18x25 24mm (10's)
DLW1826	18x25 26mm (10's)
DLW1828	18x25 28mm (10's)
DLW1830	18x25 30mm (10's)
DLW1832	18x25 32mm (10's)
DLW1834	18x25 34mm (10's)
DLW1836	18x25 36mm (10's)
DLW1838	18x25 38mm (10's)
DLW1840	18x25 40mm (10's)
DLW1842	18x25 42mm (10's)
DLW1844	18x25 44mm (10's)

Size	
DLW1724	17x25 24mm (10's)
DLW1724	17x25 26mm (10's)
DLW1728	17x25 28mm (10's)
DLW1730	17x25 30mm (10's)
DLW1732	17x25 32mm (10's)
DLW1734	17x25 34mm (10's)
DLW1736	17x25 36mm (10's)
DLW1738	17x25 38mm (10's)
DLW1740	17x25 40mm (10's)
DLW1742	17x25 42mm (10's)
DLW1744	17x25 44mm (10's)

Size	
DLW1924	19x25 24mm (10's)
DLW1926	19x25 26mm (10's)
DLW1928	19x25 28mm (10's)
DLW1930	19x25 30mm (10's)
DLW1932	19x25 32mm (10's)
DLW1934	19x25 34mm (10's)
DLW1936	19x25 36mm (10's)
DLW1938	19x25 38mm (10's)
DLW1940	19x25 40mm (10's)
DLW1942	19x25 42mm (10's)
DLW1944	19x25 44mm (10's)

No.33 Stainless Steel Coating Wire



- Less stained & discoloration
- Less friction by special Nano Coating
- Minimized Size deformation
- Long Casting Elastic force
- Natural Form Shape



Round ●

	Size	
DCSS012	.012"	U/L
DCSS014	.014"	U/L
DCSS016	.016"	U/L
DCSS018	.018"	U/L
DCSS020	.020"	U/L



Rect ■

	Size	
DCSS1616	.016" x .016"	U/L
DCSS1622	.016" x .022"	U/L
DCSS1722	.017" x .022"	U/L
DCSS1725	.017" x .025"	U/L
DCSS1822	.018" x .022"	U/L
DCSS1825	.018" x .025"	U/L
DCSS1925	.019" x .025"	U/L
DCSS2125	.021" x .025"	U/L

No.34 Nickel Titanium Coating Wire



- Less stained & discoloration
- Less friction by special Nano Coating
- Minimized Size deformation
- Long Casting Elastic force
- Natural Form Shape



Round ●

Size		
DCNT012	.012"	U/L
DCNT014	.014"	U/L
DCNT016	.016"	U/L
DCNT018	.018"	U/L
DCNT020	.020"	U/L



Rect ■

Size		
DCNT1616	.016" x .016"	U/L
DCNT1622	.016" x .022"	U/L
DCNT1722	.017" x .022"	U/L
DCNT1725	.017" x .025"	U/L
DCNT1822	.018" x .022"	U/L
DCNT1825	.018" x .025"	U/L
DCNT1925	.019" x .025"	U/L
DCNT2125	.021" x .025"	U/L

No.35 S.S Rhodium Coating Wire



The rhodium coating film is extremely thin, allowing normal wire bending.



of course, there is no need to worry about the coating coming off.



Round ●

	Size	
DSR012	.012"	U/L
DSR014	.014"	U/L
DSR016	.016"	U/L
DSR018	.018"	U/L
DSR020	.020"	U/L



Rect ■

	Size	
DSR1616	.016" x .016"	U/L
DSR1622	.016" x .022"	U/L
DSR1722	.017" x .022"	U/L
DSR1725	.017" x .025"	U/L
DSR1822	.018" x .022"	U/L
DSR1825	.018" x .025"	U/L
DSR1925	.019" x .025"	U/L
DSR2125	.021" x .025"	U/L

No.36 Ni-Ti Rhodium Coating Wire



It's sliding performance and super-elasticity are equivalent to those of the conventional Ni-Ti Wire.



It's rhodium coating film is very thin hence does not affect optimal wire performance.

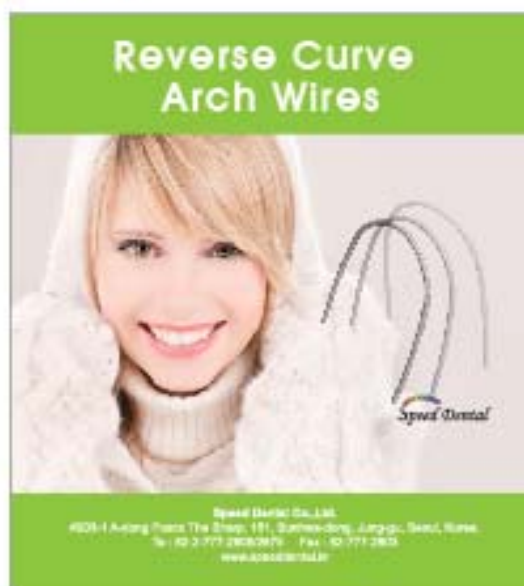


Size		
DNR012	.012"	U/L
DNR014	.014"	U/L
DNR016	.016"	U/L
DNR018	.018"	U/L
DNR020	.020"	U/L



Size		
DNR1616	.016" x .016"	U/L
DNR1622	.016" x .022"	U/L
DNR1722	.017" x .022"	U/L
DNR1725	.017" x .025"	U/L
DNR1816	.018" x .022"	U/L
DNR1825	.018" x .025"	U/L
DNR1925	.019" x .025"	U/L
DNR2125	.021" x .025"	U/L

No.37 Reverse Curve Arch Wires



10's/PK

The same great features as regular reverse curve archwires combining the advantages of super elastic, continuous forces and the benefits of a reverse curve.



Round ●

Size		
DRC012	.012"	U/L
DRC014	.014"	U/L
DRC016	.016"	U/L
DRC018	.018"	U/L
DRC020	.020"	U/L



Rect ■

Size		
DRC1616	.016" x .016"	U/L
DRC1622	.016" x .022"	U/L
DRC1725	.017" x .025"	U/L
DRC1825	.018" x .025"	U/L
DRC1925	.019" x .025"	U/L
DRC2125	.021" x .025"	U/L

No.38 Nickel Titanium Wire (Spools)

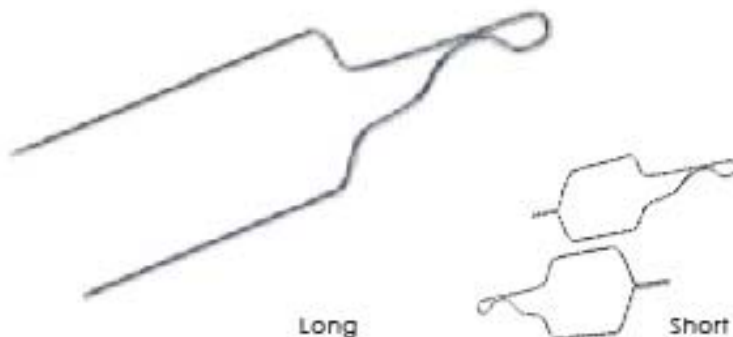


Ni-Ti Wire (Roll)

- Super elastic and resilient
- Continuous mid-range force levels
- Made in the KOREA

TYPE	Item No.
012	D700-800
014	D700-801
016	D700-802
018	D700-803
020	D700-804

No.39 Kobayashi Ties



Long

Short

Combines ligature wire with a preformed welded hook and placed with the Mathieu Needle Holder w/Safety Latch.

Preformed Kobayashi hooks are pre-trimmed to save time and placed with the Shorty Twist Holder and Mathieu Needle Holder w/Safety Latch.



TYPE	Item No.
Long 012	D700-620
Long 014	D700-621
Short 012	D700-622
Short 014	D700-623

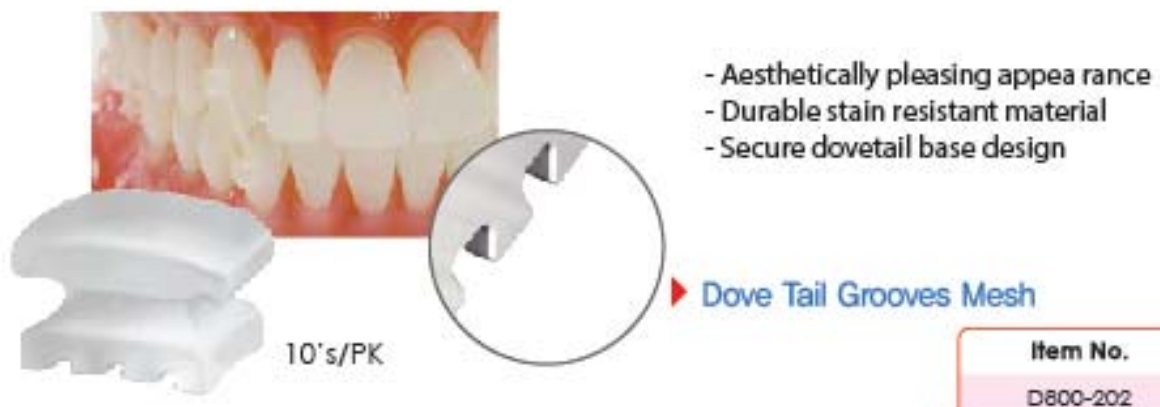
No.40 Clear Button



- Mechanical lock base for strong bonding and easy debonding
- Dove Tail Grooves (provide superior mechanical lock)
- Made in Korea

TYPE	Item No.
Rect (10's)	D800-201
Round (10's)	D800-200

No.41 Composite Button



- Aesthetically pleasing appearance
- Durable stain resistant material
- Secure dovetail base design

Item No.
D800-202

No.42 Lingual Button(Coated)



With laser-structured base. 10 per package. Available in two shapes:

- Round base for incisors
- Contoured, round base (3.0mm) for cuspids and bicuspid
- Durable aesthetic coating

Item No.
D800-883

No.43 Ceramic Button



10's/PK

- Low profile and smooth edge prevent soft tissue irritation. Safe to use for patients with nickel allergies. Curved base for superior bonding retention.



Item No.

D800-203

No.44 Lingual Button



Welding & Welding



Welding

10's/PK

- These very small low-profile micro buttons ensure patient comfort. Contoured mesh base allows for easy bonding.

TYPE	Item No.
Bonding (10's)	D800-550
Welding (Round)	D800-551
Welding (oval)	D800-552

No.45 Easy Lingual Button



10's/PK



- Unique Engraved Hollow Design
- 100% complete adhesive bonding and light curing.

TYPE	Item No.
Easy Bonding (10's)	D800-553

No.46 Lingual Cleat (Bonding)



10's/PK

- Single unit cast construction allows for superior bond strength. Low-profile design. Smoothness of ball hooks allows for many uses in orthodontic treatment. Pack of 10.

Item No.

D800-565

No.47 Eyelets(Bonding)



10's/PK



Item No.

D800-554

Our direct bond eyelet is easily bonded on the buccal or lingual of any tooth. Base allows for superior bond strength. 10 per pack.

No.48 Traction Button(Bonding)



10's/PK

Bondable to cuspids impacted palatally or labially. The 1" traction chain swings freely within the eyelet. The small .016" diameter and large .022" diameter chain links can be cut easily to achieve the desired length.

Item No.

D800-604

No.49 Lingual Ring(Bonding)



10's/PK

Our direct bond Lingual ring is easily bonded on the buccal or lingual of any tooth. Base allows for superior bond strength. 10 per pack.

Item No.

D800-557

No.50 Traction Chain



5's/PK



Item No.

D800-605

Bondable to cuspids impacted palatally or labially. The 1" traction chain swings freely within the eyelet. The .016 diameter chain links can be easily cut to achieve the desired length. The traction chain can be tied to the archwire with elastic thread or tubing to provide traction in the desired direction. Sold individually.

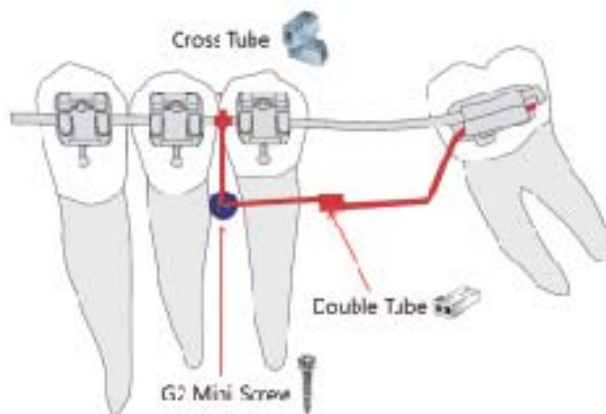
No.51 Cross Tube



- Easily connect auxiliary and custom attachments to archwire
- Perfect for all orthodontic anchorage systems
- Diverse TAD technique use
- High quality stainless steel

Item No.

D800-559



No.52 Crimpable Double Tubes



- Easily connect auxiliary and custom attachments to archwire
- Perfect for all orthodontic anchorage systems
- Diverse TAD technique use
- High quality stainless steel
- Made in the KOREA

Item No.

D800-558

No.53 Ni-Ti Coil Spring (Coated)



Item No.

D800-020

No.54 Stainless Steel Open & Closed Coil Springs



TYPE

Item No.

Open

D700-731

Closed

D700-741



- The Stainless Steel Open & Closed Coil Springs are made of a hard, tempered wire that provides maximum efficiency for tooth movement and to open or close space.

No.55 Ni-Ti Open Coil Spring



TYPE

Item No.

010X030

D700-721

- Nitinol Open Coil & Closed Coil Springs are made from super elastic Nickel Titanium and are designed for continuous tooth movement as well as gentle patient comfort. Nitinol Open Coil Springs are especially efficient in opening space when placed on the archwire and compressed between brackets. The Nitinol Closed Coil Springs is design to close space.

No.56 Ni-Ti Closed Coil Spring



Closed Coil Springs are manufactured from our super-elastic nickel titanium alloy. Coil springs close spaces with consistent and predictable results. Exclusive perpendicular loop design ins easy to engage and remove.

Size	Item No.	Screw
6mm(Yellow)	D800-700	D800-700S
8mm(Blue)	D800-701	D800-701S
10mm(Red)	D800-702	D800-702S
12mm	D800-703	D800-703S

No.57 Crimpable Hook **PATENTED**



TYPE	Item No.
Short	D800-905
Medium	D800-906
Long (Left)	D800-907
Long (Right)	D800-908
Long (3 Ball)	D800-909

10's/PK

No.58 Power Button



- Excellent for use with mini screw attachments
- Easily and securely attach closed coil springs or any auxiliary attachments
- Can be placed onto Tooth or outside of the mouth
- Curved 7.2 mm
- Made in the KOREA

TYPE	Item No.
Power Button(Right)	D800-910
Power Button(Left)	D800-911
Multi Hook	D800-500

10's/PK

No.59 Bondable Hook



These very small Bonding Hook micro buttons ensure patient comfort while still allowing room for tying elastics. Contoured mesh base allows for easy bonding. Pack of 10.

Item No.
D800-090

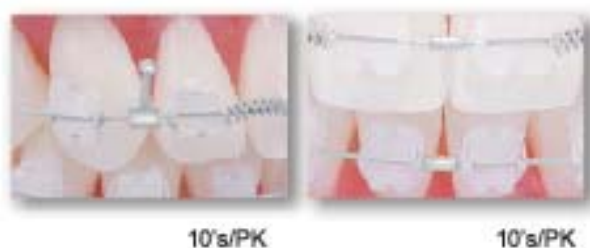
No.60 Split Curved Hook



Simply slip this hook over the engaged archwire and crimp it with hook crimping pliers. Provides a solid anchor for elastics or springs. 10 per package.

TYPE	Item No.
Split Hook(Right)	D800-913
Split Hook(Left)	D800-914

No.61 Crimpable Hook (Coated)



- Split archwire opening
- For total aesthetic treatment
- Very comfortable for the patient
- Crimps securely suit to archwire

TYPE	Item No.
Stop(2mm)	D800-009
Short	D800-010
Medium	D800-011
Long(left)	D800-012
Long(right)	D800-013

No.62 Split Universal Hook



- Strong, non-sliding lock with proper crimp
- One piece construction
- Left and right hooks for use with elastics and extension springs
- Straight hooks permit inter-maxillary fixation to be applied and facilitate post-surgical use of elastics
- 018&022

Item No.
D800-912

No.63 Easy Crimpable Hook



Stop

Short

Medium

Long

TYPE	Item No.
Stop	D800-556
Short	D800-901
Medium	D800-902
Long(Right)	D800-903
Long(Left)	D800-904

10's/PK

No.64 [Smart] Lingual Button



20's/PK

With laser-structured base. 20 per package. Available in two shapes:

- Round base for incisors

Contoured, round base (3.0mm) for cuspids and bicuspid Durable aesthetic coating

Item No.

D800-015

No.65 [Smart] Sliding Hook



Avoid bracket failure from tying a Kobayashi Hook. Sliding hooks are constructed of heavy wall, soft tubing which complements any elastic configuration. 20 per package.

20's/PK

Item No.

D601-210

No.66 [Smart] Crimpable Hook



10's/PK

Item No.

D601-390

No.67 Bite Builder



10's/PK



- Open deep bites with immediate results
- Bonds lingual to upper anteriors
- Eliminates occlusal interference
- Reduces bond failure on lower brackets

TYPE	Item No.
Ivory	D800-600
Tooth	D800-601

No.68 Crimpable Stop



10's/PK

TYPE	Item No.
Crimpable Stop	D800-555

- Sleek, smooth and easy to place. Our new MIM crimpable- stop can be placed anywhere on an archwire to limit tooth movement or maintain position. Fits round wire or rectangular wires up to .021x.025.

No.69 Crimpable Mini Stop



20's/PK



- The stainless steel Mini Stops slide easily onto your wire and are extremely comfortable for the patient. The .028 inner diameter and 2mm length will accommodate most wire sizes and is easily crimped in place. 25 per package.

TYPE	Item No.
2mm	D800-031
3.2mm	D800-032
4mm	D800-033

No.70 Crimpable Arch Stop



10's/PK

Item No.

D800-034

These Split Stops Allow for Easy and Precise Placement without Having to Remove the Archwire. Crimp Tubes Create a Strong, Non-Sliding Lock with the Archwire, and Remain Firmly in place During Treatment.

No.71 Lingual Sheaths

Hook (Left, Right)



10's/PK



-.036(0.9mm) slotted, horizontal, latching indent.



TYPE	Item No.
Lingual Sheath	D800-561
Lingual Sheath (Hook) Left	D800-562
Lingual Sheath (Hook) Right	D800-563

No.72 Direct Bond Lingual Sheath



- Foil mesh pad, bonds directly to molars.
-.036 slotted, horizontal, latching indent. Fits left or right.



Item No.

D800-564

No.73 Tongue Tamers



10's/PK



- Eliminates detrimental forces
- Discourages over-active muscle activity
- Bonds to upper or lower arches
- 80 gauge foil mesh bonding base
- High quality 17-4 stainless steel
- Curved base perfect for lingual placement

Item No.

D800-569

No.74 Bite Turbo



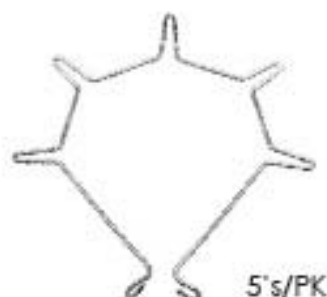
10's/PK

Item No.

D800-602

Bite Turbos are small composite platforms placed on the inside of the upper front teeth, or on the biting surfaces of the back molars, to avoid over closure of the teeth.

No.75 Anterior Root Torquing



Size	Item No.
Small	D800-705
Medium	D800-706
Large	D800-707

No.76 Torquing Springs



5's/PK

- The Torquing Springs will stop relapse before it happens!

You can apply torque to any tooth from centrals to 2nd bicuspids upper or lower.

Crimps to any rectangular wire from .016x.022 to .017x.025&.019x.025.

You can deliver 125 to 150 grams of labial or lingual root torque to align roots and finish cases faster.

Use small spring for upper laterals and lower interiors, and large spring for all other teeth.

Size	Item No.
016x022 (S)	D800-710
016x022(L)	D800-711
017x025 (S)	D800-712
017x025(L)	D800-713
019x025 (S)	D800-714
019x025(L)	D800-715

No.77 Power Button Kit



(Convex) tipping tooth movement
(Concave) bodily tooth movement

Item No.
D800-080

High Elasticity Power Button can be used for treatment of primary cases.

>>> Use like Thin Dia Wire.

Low Elasticity Power Button can be used for treatment of advanced cases.

>>> Use like Thick Dia Wire.

Instruction for Use

1. Apply Invisaligner and mark required positions.
2. Choose proper type of Power Button according to desired direction of teeth movement.
3. Make a hole on the Aligner with punching Plier.
4. Push and fix Power Button into the Hole of Aligner.
5. Fix Power Button with CA-Cyano Bond.



About Powerligner

The biggest benefit of clear aligner is that it doesn't interfere in your social life because the device is not seen to others, and there's no inconvenience during talking and eating because you don't have bracket or wire on your teeth. The greatest effect of clear aligner should be how exactly teeth can be moved almost what the dentist proposals were.

Powerligner is the ungraded version of the clear aligner.

1) Predictable and Continuous Orthodontic

By Power Button, the treatment increases the effect of the teeth aligner while the plastic device guides the teeth movement.

2) Accurate and Ideal orthodontic Expression by High Elasticity.

Purpose of using power button is to rotate, push, or put the teeth in the direction the dentist intends. Different size and type can be chosen for different cases. Power button, made with high elasticity, has the proper strength level of resistance to change, and have continuous elasticity.

Teeth alignment can be achieved by the elastic force of power button that high elasticity buttons get back their original form.

3) Simple and Easy

With various types, power buttons can be changed anytime, watching teeth movement, and make possible teeth movement to various directions with one plastic device, so there's no necessary to make new plastic dices several times for tretment steps of orthodontic. It is easier to change the power direction comparing to resin that attach the material on tooth. It can be applied on buccal and lingual, and force can be delivered where the direction is that doctor intends.

4) Treatment period can be reduced with power button, using with Beatles Bracket that is coming soon, overcoming the weakness of orthodontic screws and other orthodontic treatment, and clear aligner.

5) Power Button can be used with existing clear aligner device, and this case, position accuracy and efficiency of teeth movemrnt can be more improved.

Type	Size	standard	Item No.	classification
Convex	Diameter x Hight (Size)	Ø 3 x 1 (20ea)	PB-341	High Elasticity
		Ø 3 x 1.25 (20ea)	PB-342	
		Ø 4 x 1 (20ea)	PB-343	
		Ø 4 x 1.25 (20ea)	PB-344	
		Ø 3 x 1 (20ea)	PB-341M	Middle Elasticity
		Ø 3 x 1.25 (20ea)	PB-342M	
		Ø 4 x 1 (20ea)	PB-343M	
		Ø 4 x 1.25 (20ea)	PB-344M	
		Ø 3 x 1 (20ea)	PB-341L	Low Elasticity
		Ø 3 x 1.25 (20ea)	PB-342L	
		Ø 4 x 1 (20ea)	PB-343L	
		Ø 4 x 1.25 (20ea)	PB-344L	
Concave	Wide x Length x Hight (Size)	3 x 2 x 1 (20ea)	PO-441	High Elasticity
		3 x 2 x 1.25 (20ea)	PO-442	
		4 x 2 x 1 (20ea)	PO-443	
		4 x 2 x 1.25 (20ea)	PO-444	
		5 x 2 x 1 (20ea)	PO-445	
		5 x 2 x 1.25 (20ea)	PO-446	
		3 x 2 x 1 (20ea)	PO-441M	Middle Elasticity
		3 x 2 x 1.25 (20ea)	PO-442M	
		4 x 2 x 1 (20ea)	PO-443M	
		4 x 2 x 1.25 (20ea)	PO-444M	
		5 x 2 x 1 (20ea)	PO-445M	
		5 x 2 x 1.25 (20ea)	PO-446M	
		3 x 2 x 1 (20ea)	PO-441L	Low Elasticity
		3 x 2 x 1.25 (20ea)	PO-442L	
		4 x 2 x 1 (20ea)	PO-443L	
		4 x 2 x 1.25 (20ea)	PO-444L	
		5 x 2 x 1 (20ea)	PO-445L	
		5 x 2 x 1.25 (20ea)	PO-446L	

No.78 Natural Elastics



Our Rainforest-themed elastics are perfectly formed and accurately cut to ensure consistent force levels. A unique manufacturing process eliminates the use of heavy talc. To eliminate concerns over latex allergies, our latex elastics are manufactured from a medical grade resin. Offering the same force as our Silicon latex elastics, our Ultra Latex elastics do not absorb water or saliva and perform more like latex elastics than ever before.

Each box contains 50 patient bags of 100 elastics, a total of 5,000 elastics.

Elastic (Silicon Material)			50x100/PK				
Force			1/8" 3.2mm	3/16" 4.8mm	1/4" 6.4mm	5/16" 8mm	3/8" 9.5mm
Light	3.5 oz	99g	D707-000	D707-001	D707-002	D707-003	D707-004
Medium	4.5 oz	128g	D707-010	D707-011	D707-012	D707-013	D707-014
Heavy	6.5 oz	128g	D707-120	D707-121	D707-122	D707-123	D707-124

No.79 Ligature O-ring



1,000's/PK



- Superior color stability, fade resistant
- Medical grade polyurethane
- High elasticity and excellent rebounding
- Latex free safe for sensitive patients

Features Include

- Very High Resistance to Breakage and Tearing During Placement or treatment, Saving Valuable Chair Time and Promoting Patient Confidence..
- High Flexibility and Resiliency Stiffness, making the Ties Easier to Place and Remove While Providing a Longer Lasting, More Effective Tie.
- Latex-Free Medical Grade Polymer.
- Patient-Specific Sticks with 26 Ties Accommodate Complete Archwire Engagement.
- Innovative Design Assure That Gloved Hands Keep a Secure Grip.
- Optimum .120" Diameter, Plus Long-Term Elasticity Facilitate Both Archwire Retention and Tooth Movement.

Color	Item No.
Clear	D702-501
Silver	D702-502
White	D702-503
Yellow	D702-516
Tooth	D702-526
Sky blue	D702-512
Spring Green	D702-513
Light pink	D702-507
Red	D702-505
Color Set	D702-500

No.80 Ligature Ties (Single Stick)



1,000's/PK

Color	Item No.
Clear	D702-551
Silver	D702-552
Assorted	D702-550

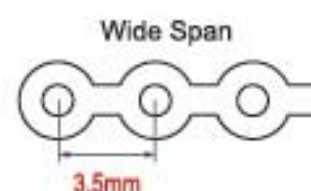
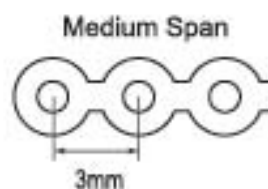
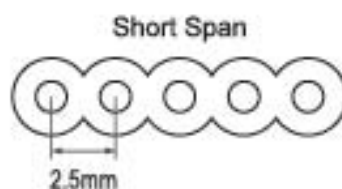
- The chain is manufactured under precise form press and has high durability.
- The decremental change is very small due to its material of polyurethane.
- Its calm but continuous force effectively works to the teeth movement.

No.81 Smooth Chain

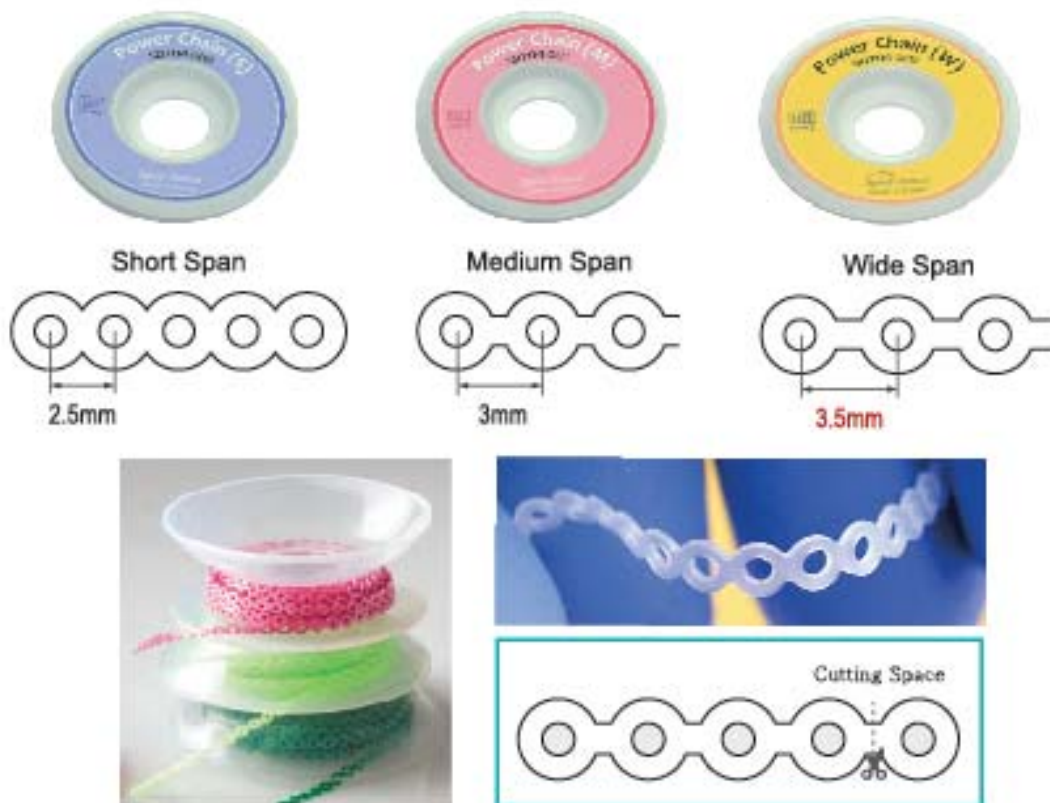


Size	Item No.
Short	D703-000
Medium	D703-001
Wide	D703-002

- The chain is manufactured under precise form press and has high durability.
- The decremental change is very small due to its material of polyurethane.
- Its calm but continuous force effectively works to the teeth movement.



No.82 Power Chain (4m)



Maximum Power Chain

- Superior color stability, fade resistant
- High elasticity and excellent rebounding
- Medical grade polyurethane
- Latex free safe for sensitive patients

Size	Item No.
Short	D705-000
Medium	D705-001
Wide	D705-002

No.83 Power Thread (3.5mm)



- 025" & 030"
- Excellent stretch and rebound
- Stain resistant
- Non-Latex

TYPE	Item No.
025"	D706-100
030"	D706-101

No.84 O-Separator Ring



Package : 720pcs/pack

Item No.

D704-100

Blue, donut-style separators can be used for anterior or posterior separation. Placed between the teeth, they exert gentle continuous force. For best results use the Deluxe Elastic Separating Pliers 760 per pack

No.85 Lip Bumper Tubing

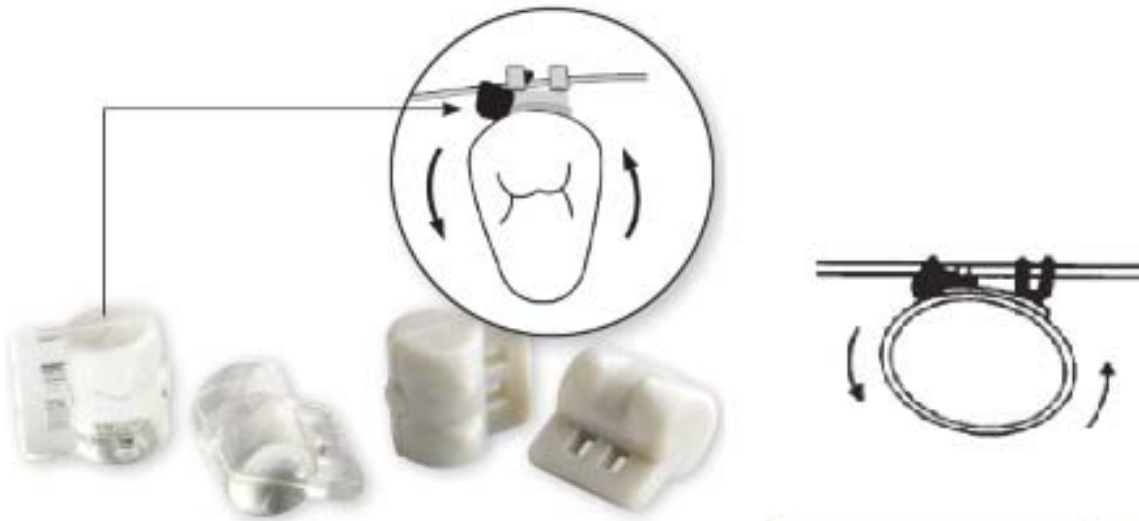


Our new coil spring tubing fits over any type of coil spring and creates comfort and protection. Will not stain and is odor resistant. Our clear .045 tubing is easy to use and spool.



TYPE	Item No.
Clear	D706-200
Gray	D706-201

No.86 Rotation Wedges



Preformed tabs snap over bracket tie wings. 100 per package.

TYPE	Item No.
Clear	D704-200
Gray	D704-201

No.87 Self Retractor (Mirror)



Holds mouth open, depresses tongue and prevents injury. Flexible for easy insertion. only 1 sizes&Mirror: Medium. Cold sterilizable polypropylene material that is softer than polycarbonate

Item No.
D600-620

No.88 Angle Wider



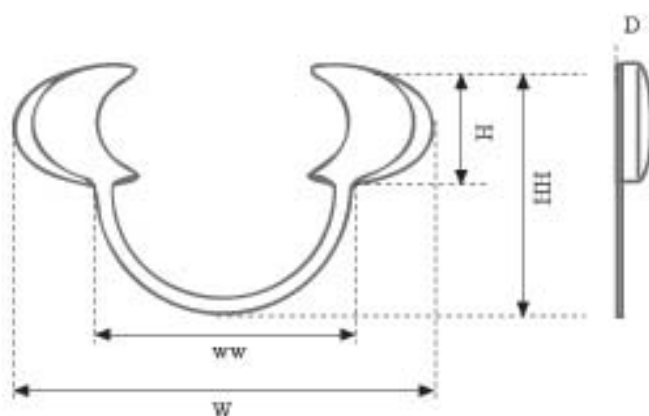
2's/PK
Adult

Item No.
D600-600



2's/PK
Child

Item No.
D600-601



	SD700-600	SD700-700
W	132mm	101.6mm
WW	90mm	65mm
H	92mm	70.8mm
HH	42.7mm	32.3mm
D	21.3mm	16.4mm

- Unique intraoral extensions retract buccinator muscles.
- Provides unobstructed view and superior buccal access.
- Maintains accessibility during all types of procedures.
- Safe for autoclave and dry heat sterilization up to 350°F/177°C

No.89 Side Wider

1's/PK

TYPE	Item No.
Adult	D600-602
Child	D600-603

Sterilization Hard Type 138℃

SIDE WIDER can be scalded up to the temperature of 138℃ or cleaned with chemicals.

Following sterilization should be avoided:

- Sterilization with ultraviolet ray
- Autoclave - Chemiclave - Sterilization with EOG - Sterilization with dry-heat
- Soaking in a chemical solution for a long period of time

Instruction for use

Insert SIDE WIDER into the mouth of patient pull it the direction required

Materials

Ge Poly carbonate U.S.A(94V-0, 94V-1)

Caution

- A crack or breakage of the product may occur when it is used under severe condition like in the cold district.
- Do not leave SIDE WIDER in a direct sunlight that might cause deterioration of resin
- Careful sterilization is essential to use product.

No.90 Lip Retractor 'J' Type



6's/PK

- Smooth rounded edge for patient comfort.
- Designed not to glide.
- Easily holds lips.

Item No.

D600-608

No.91 Lip Retractor 'J' Type (NEW)



2's/PK

Lip Retractor J Type is a clear, polycarbonate retractor that can be cold or heat sterilized.

The angled end helps retract lips and is comfortable for the patient. The patient retracts lips with one hand and holds the mirror in the other, allowing the assistant to have both hands free to properly take photographs.

One size fits all.

Item No.

D600-607

No.92 Lip Retractor—EEZ



This new cheek retractor is excellent for occlusal photographs. Angled bend helps to retract lips comfortably. Cold sterilizable or heat sterilizable up to 290° F.

TYPE	Item No.
Adult	D600-610
Child	D600-611



No.94 Cheek Retractor



OptiView is a progressive retractor that provides uniform lip and cheek retraction for improved intra-oral access. Designed to conform to the natural anatomy of the mouth, OptiView minimizes tension, providing continued comfort throughout lengthy procedures.

Type	Item No.
Blue(Adult)	D600-612
white(Child)	D600-613

No.95 Lip Retractor Front Type



2's/PK

TYPE	Item No.
Adult	D600-605
Child	D600-604

- New large size available to fit most patients
- Each end of the retractor has a unique size
- The ends are elongated, resulting in increased access to the posterior region
- Pictures can be taken without the aid of an assistant, and the patient does not suffer any discomfort
- Available in cold sterilizable, autoclavable, and heat sterilizable variations; 1 pair per pack

No.96 Silicone Mouth Props

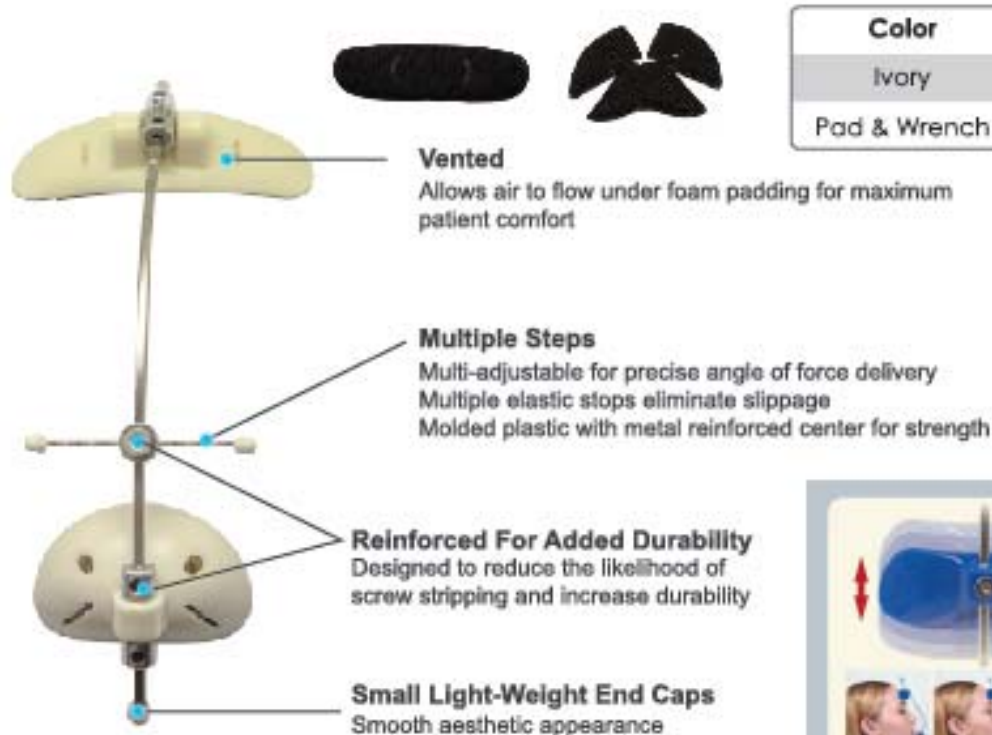


Stainless steel inserts for structural integrity under stress.

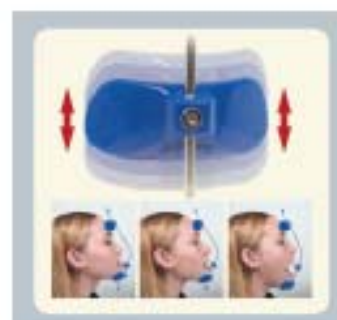
Impervious to all accepted chemical germicides, sterilants and disinfectants. Steam autoclavable, dry heat and "quick" dry heat sterilizable.

Size	Item No.
Small	D600-630
Medium	D600-631
Large	D600-632

No.98 Multi Adjustable Face Mask



Color	Item No.
Ivory	D700-003
Pad & Wrench	D700-008



Premium Cutters and Plier

Orthodontic Instruments Premium Cutters and Pliers

1. Precision Manufactured in the Korea with Korea and/or German Stainless Steel
2. Hand-Crafted Through 80% of the Process
3. High Quality 400 Series Surgical Stainless Steel Material Blend
4. Stringent Quality Control for Consistent Performance and Reliability
5. Handle Designed for Optimal Fit and Comfort
6. Contoured Corners Around the Joint Area for a Slim-Line Look and Feel
7. Shadow Satin Surfacing to Minimize Glare and Provide a Long-Lasting Finish
8. Lifetime Warranty Against Materials Defects and Craftsmanship
9. Steam Sterilize for at least 4 Minutes at 270°F/132°C

No.103 Weingart Plier 20° Tips

2 Year Guarantee !!



Designed with slim, tapered 20° tips with serrations that offer greater access and versatility for a secure grip of archwires and auxiliaries.

Item No.

DR5-34

No.104 Weingart Plier 50° Tips



Designed with slim, tapered 50° tips with serrations that offer greater access and versatility for a secure grip of archwires and auxiliaries.

Item No.

DR5-40

No.105 Weingart Plier 25° Tips



Designed with slim, tapered 25° tips with serrations that offer greater access and versatility for a secure grip of archwires and auxiliaries.

Item No.

DR5-20T

No.106 Distal End Cutter



Designed to cut all types of wires up to .021" x .025" (.53 mm x .64 mm). The head safely holds the cut portion of wire to be discarded.

Item No.

DR5-28

No.107 Micro Cutter



The tapered tips are designed to cut soft wire pins and ligature wires up to .014" (.40 mm). The slim, short curved tips allow for access into difficult areas with 15 offset tips. Cutting edge length 0.39" (9.87 mm).

Item No.

DR5-06

Orthodontic Plier

No.108 Ligature Cutter (TC)



No.109 Ligature Cutter (TC)



No.110 Ligature Cutter TC (Sharp)



No.111 Distal Cutter (TC)



No.112 Distal Cutter (TC)



No.113 Weingart Plier (TC)



No.114 Ligature Cutter TC (Black)



No.115 Distal Cutter TC (Black)



No.116 Weingart Plier TC (Black)



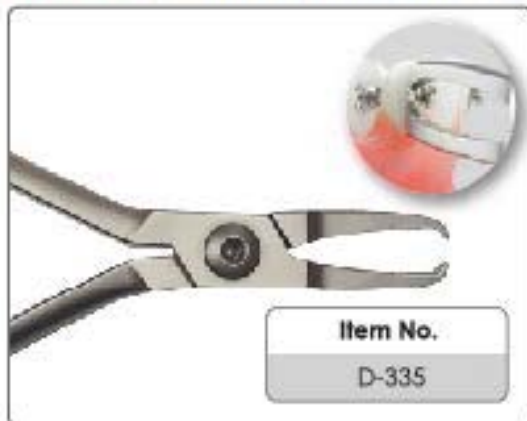
No.117 Tweed Arch Forming Plier



No.118 Bracket Remover (Curved)



No.119 Bracket Remover (Straight)



No.120 Band Remover



No.121 Tweed Loop Forming Plier



No.122 Bird Beak Plier



No.123 O-Ring Plier



No.124 How Plier (Straight)



No.125 How Plier (Offset)



No.126 Hollow Chop Plier



No.127 Punching Plier



No.128 Crimpable Hook Plier



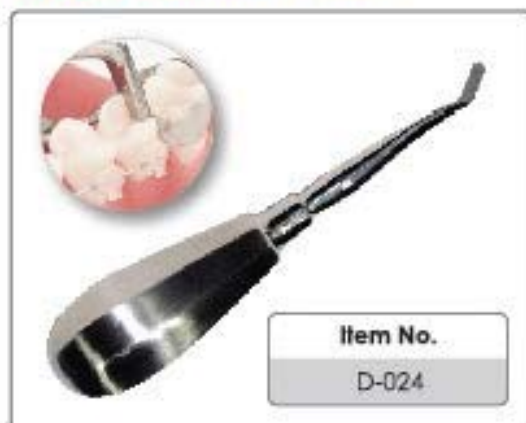
No.129 Kim's Plier



No.130 Ligature Forming Plier



No.131 Band Pusher



No.132 Cinch Back Plier



No.133 40° Mathieu Plier



No.134 Wire Turret



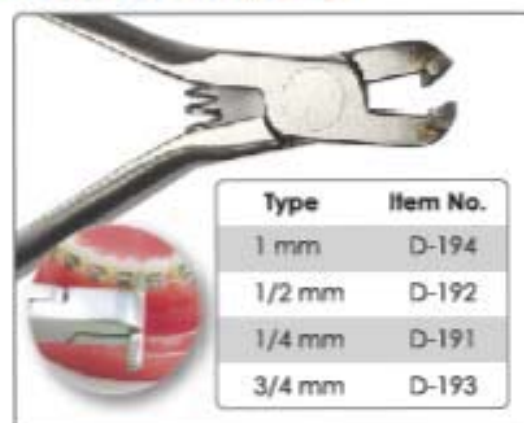
No.135 Contacez Gauge



No.136 Young Plier



No.137 Step Plier



No.138 Needle Holder

Features Small, Highly Serrated Tips With the Addition of a Hook at the Tip Designed to Avoid Slippage When Engaging Elastic Ties and Korea. With Tungsten Carbide Inserts.

Item No.

D-515

No.139 Crown Remover**Item No.**

D-025

No.140 Easyst Opener & Tucker**Item No.**

D-276

No.141 Ligature Tucker (Gold)

This Instrument is Very Useful When Tucking or Pushing Elastics. The Dual Straight and Curved Ends Allow for Ease of Intraoral Placement and Use. Solid Stainless Steel.

Item No.

D-273

No.142 Lingual Ligature Director

Item No.

D-288

No.143 Bracket Tweezer (Gold)

- Reverse action will not release bracket until desired.
- Aligns brackets by placing the opposite end into the bracket's slot.
- Stainless steel construction.

Item No.

D-277

No.144 Lingual Tying & Tucker



No.145 Self Bracket Opener (Blade)



No.146 Self Opener Tool (2 Sharp Tips)



No.147 Ligature Twister Plier



No.148 Bracket Positioner

- Accurately measures height of bracket placement

Size	Item No.
2.0, 2.5, 3.0, 3.5	D-390
3.5, 4.0, 4.5, 5.0	D-391

No.149 Height Gauge

This stainless Steel Positioning Device Features Four Bracket Height Measurements: 3.5, 4.0, 4.5, and 5.0. Adjustable for Use on Both Anterior and Posterior Teeth. Hinged Tip adjustable to 45°. Works with .022 and .018 Bracket Systems.

Item No.

D-103

No.150 Separating Plier

Item No.

D-701

This instrument is Designed to Stretch Separating Elastics for Ease of Placement Between Tooth Contacts. The Curved Beaks Allow for Easy Use in the Posterior Segment.

No.151 Hand Piece



Made in Japan



- Hand Piece Production
- Hand Piece Speed : 5,000 RPM
- Run contra angle with 20,000 RPM motor to obtain this speed
- Contra Angle Reduction : 4:1 Gear Reduction
 - Stroke Size : 1.6mm Stroke
 - Strip Size : 15/20/45/60
 - Body - Made in Japan
 - Head - Made in Japan

Type	Item No.
Strip Hand Piece	EG-50VT

Hand Piece Kit



Hand Piece Kit	Handpiece 5 Strips 1 Gauge 1 Pusher
----------------	--

Item No.
EG50/VS

Diamond Strip (Metal)



SIZE	Item No.
Hole 15µm(0.17mm)	DOSH-15
Hole 25µm(0.19mm)	DOSH-25
Hole 40µm(0.23mm)	DOSH-40
Hole 60µm(0.32mm)	DOSH-60
Hole 90µm(0.40mm)	DOSH-90



SIZE	Item No.
Without Hole 15µm(0.17mm)	DOS-15
Without Hole 25µm(0.19mm)	DOS-25
Without Hole 40µm(0.23mm)	DOS-40
Without Hole 60µm(0.32mm)	DOS-60
Without Hole 90µm(0.40mm)	DOS-90
Without Hole 15µm(SAW)	DOS-SAW

Diamond Strip (Plastic)



SIZE	Thickness.	Item No.
Serrated Saw	0.011	DOSP-100
Medium	0.200	DOSP-200
Coarse	0.300	DOSP-300

- Diamond-impregnated files
- Uses include breaking contact, reduction, contouring, fine trimming and finishing
- Designed to allow low temperature operation and prevent clogging
- Double-sided
- Files, grip and inner tray are autoclavable
- Colour coded for easy identification
- Competitively priced



▲ Diamond Strip Handle

No.152 Diamond Strip



Interproximal Diamond Strips

Perforated Diamond Strips are designed for complete control during interproximal stripping, shaping, and contouring. Strips allow easy access and precise manual enamel reduction resulting in a smooth, natural finish. Perforated design provides improved visibility, total control, and more flexibility than solid lightning strips. Strips are color coded; yellow for extra fine, red for fine, and blue for medium.



Type	Item No.
Blue (Medium) Single	D900-404
Blue (Medium) Double	D900-414

Diamond Strips

Diamond Strip System Securely holds all types of abrasive strips for enamel reduction process or just general contouring. Manual operation means safe, easy and effective results. Comes with six (4mm dual sided, medium grit) strips.



Type	Item No.
Single	D900-304
Double	D900-314



No.153 Ortho Diamond Kit



5's/PK



Item No.

DDMK1

- Diamond coated, which helps produce a natural finish
- Various particle sizes, Safe-and Standard- Tipped
- May be autoclaved, chemiclaved, or dry-heat sterilized-do not immerse in cold-sterilization solution
- Sold individually



ARS Diamond Bur

May be autolaved, chemiclaved or dry heat sterilized
Do not immerse in cold sterilization solution.



5's/PK



Type	Item No.
YELLOW(25ym)	D859Y
RED(55ym)	D859R

Anterior ARS Diamond Bur

No need to place a separator prior to using if teeth are parallel

May be autoclaved, chemiclaved or dry-heat sterilized - do not immerse

- in cold-sterilization solution Friction grip

Sold individually

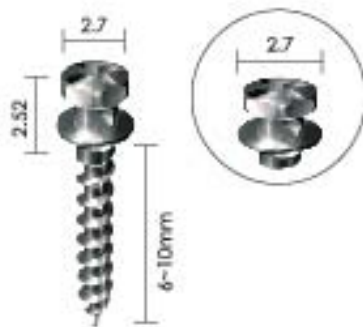


5's/PK



Type	Item No.
YELLOW(25ym)	D392Y
RED(55ym)	D392R

No.155 Orthodontics Screw



(Cylinder Type)

GS II (Cylinder Type)

Description	Item No.
1.4mm x 6mm	140-GS2-06
1.4mm x 8mm	140-GS2-08
1.4mm x 10mm	140-GS2-10
1.6mm x 6mm	160-GS2-06
1.6mm x 8mm	160-GS2-08
1.6mm x 10mm	160-GS2-10
2.0mm x 6mm	200-GS2-06
2.0mm x 8mm	200-GS2-08
2.0mm x 10mm	200-GS2-10



GS III (Cylinder Type)

Description	Item No.
1.4mm x 6mm	140-GS3-06
1.4mm x 8mm	140-GS3-08
1.4mm x 10mm	140-GS3-10
1.6mm x 6mm	160-GS3-06
1.6mm x 8mm	160-GS3-08
1.6mm x 10mm	160-GS3-10

GS IV (Taper Type)

Description	Item No.
1.4mm x 6mm	140-GS4-06
1.4mm x 7mm	140-GS4-07
1.4mm x 8mm	140-GS4-08
1.6mm x 6mm	160-GS4-06
1.6mm x 7mm	160-GS4-07
1.6mm x 8mm	160-GS4-08
1.6mm x 10mm	160-GS4-10

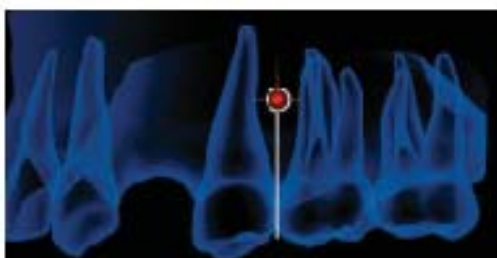


(Taper Type)

GS V (Cylinder Type)



Description	Item No.
1.6mm x 6mm	160-GS5-06
1.6mm x 8mm	160-GS5-08
1.6mm x 10mm	160-GS5-10



Screw Organizer Block Kit



Kit	GS I	222-1000
	GS II	222-2000
	GS IV	222-4000
	GS V	222-5000

* Select 20 screws of GS II, IV, V

Drive Handle

Description	Item No.
for all screw	222-0100

Organizer Block

Description	Item No.
for all screw & shaft	222-0004
for all screw & shaft	222-0044

Shaft (Engine)

Description	Item No.
for GS II	222-1020
for GS IV	222-1024

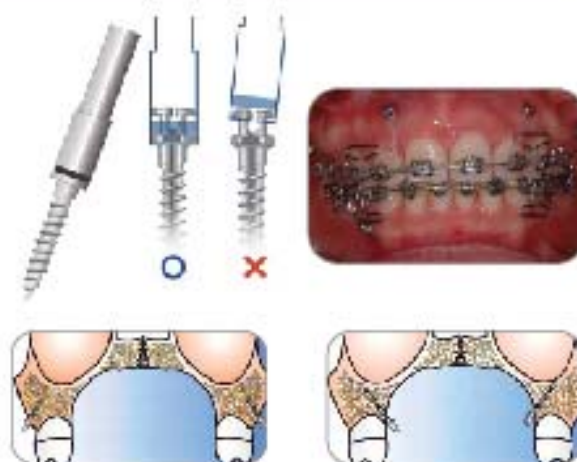
Shaft (Driver)

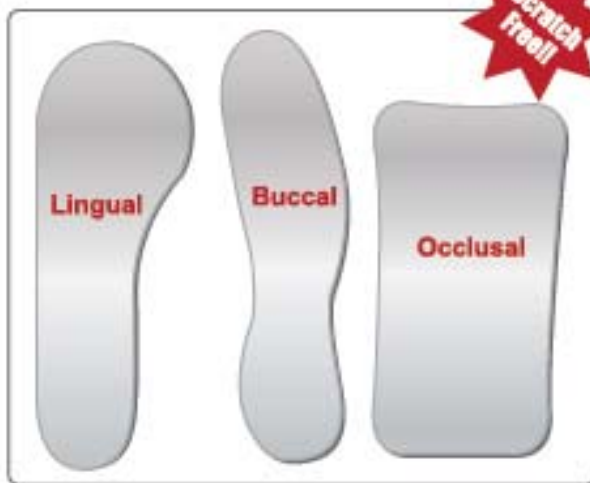
Description	Item No.
for GS II	222-1700
for GS IV	222-1900

Drill

Description	Item No.
1.0 Drill (Short)	222-3010
1.0 Drill (Long)	222-3030
1.3 Drill (Short)	222-3013
1.3 Drill (Long)	222-3023

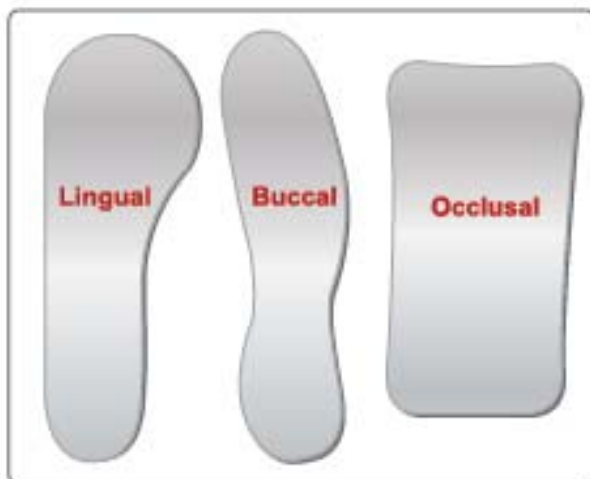
How To Use Shaft



No.157 Mirrors**PATENTED****Super Glass Mirror**

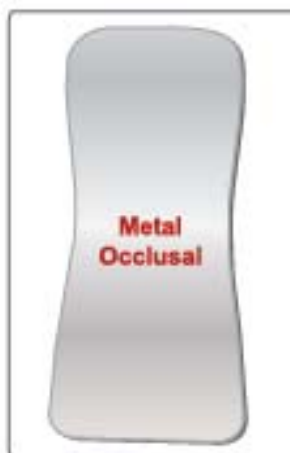
- Scratch Free Glass.
- Durable & Infrangible Glass.
- Light Weight less than 1/3 of conventional glass.
- Exact & Accurate 1:1 Ratio.
- Lighter than other conventional glass when use in the mouth.(Thickness 1.5mm)

Type	Item No.
Occlusal	D600-200
Lingual	D600-202
Buccal	D600-203
Set (3ea/pk)	D600-207

**Glass Mirror**

- Durable & Infrangible Glass.
- Light Weight less than 1/3 of conventional glass.
- Exact & Accurate 1:1 Ratio.
- Lighter than other conventional glass when use in the mouth.(Thickness 2.8mm)

Type	Item No.
Occlusal	D600-204
Lingual	D600-205
Buccal	D600-206
Set (3ea/pk)	D600-207

**Metal Mirror**

- No double reflections
- Polished stainless steel
- Double ended versatility
- Extremely durable finish
- Use with digital or 35mm
- Withstands repeated sterilization

Type	Item No.
Occlusal	D600-208

The highly polished surfaces of PixSure Perfect stainless steel mirror ensure high reflectivity and are virtually indestructible

No.160 Retainer Case



10ea/PK

Made from durable, high quality plastic, these retainer cases feature a new trim shape and an easy to use clasp that shuts securely. Choose from regular colors, glow colors, and sparkle colors or our last addition scented cases available in bubble gum, orange, cherry and lemon

Color	Item No.
MUH	D100-071
Pink	D100-072
Blue	D100-073
Silver	D100-074
White	D100-075

No.161 Retainer Case (Luminous)



10ea/PK

COLOR



Type	Item No.
LUMINOUS	D100-070

No.162 Elastic Case



100ea/PK



Item No.
D100-082

No.163 Elastic Holder



100ea/PK

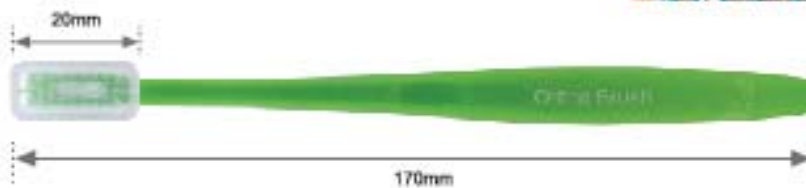


Color	Item No.
Pink	D100-083

No.164 Orthodontic Brush (Rainbow)



15ea/PK



Type	Item No.
Hard	D100-005H
Soft	D100-005S

No.165 Orthodontic Brush (Clear)



20ea/PK



"V" Trim Design

Bristle tips are smooth & evenly rounded using a specially patented process. The rounded tip bristles gently flow across gums, minimizing trauma. The "V" Trim Design allows the brush to perform a thorough cleaning without interfering with orthodontic appliances. Box of 72 (assorted colors). Each Toothbrush is individually bagged.

Color	Item No.
Blue	D100-005B
Pink	D100-005P

No.169 Denti Form



Denti Form Plain

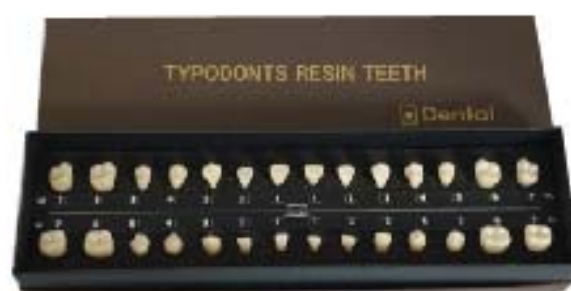


Speed Denti Form Plain



Type	Item No.
Denti Form Plain	D100-000
Speed Dental Form Plain	D100-001
DDentin Model	D100-002
One self Dentin Model	D100-003
T-self Dentin Model	D100-004

No.170 Typodont Kit

Typodont Kit
(Body + Wax + Teeth)

Resin Teeth

A compact, fully functional articulator that allows the study of various Simulated jaw movements. Typodonts may be banded or bonded.

Type	Item No.
Resin Teeth	D100-021
Typodont Kit	D100-020



No.172 Aluminum Oxide



Aluminum Oxide can be used with any sandblasting machine. Available in 50 micron or 90 micron. 50 micron is white in color and 240 grit. 90 micron is gray in color and 150 grit. 0.45kg

Type	Item No.
50 μ m	D15201
90 μ m	D15301

No.174 Microetcher Intraoral Sandblaster



Before Microetcher II
Foil Mesh Bracket Base



After Microetcher II
Foil Mesh Bracket Base



Microetcher IIA
Fully Autoclavable



Microetcher II

Benefits

- Increases bond strength up to 400%
- Stainless construction and replaceable carbide tip
- Nozzle rotates 360° for easy access

Uses

- Etch all metals, composites and amalgam
- Perfect for adhesive removal for rebonds or for etching the inside of bands
- Surface abrasion procedures in seconds

Item No.

22000

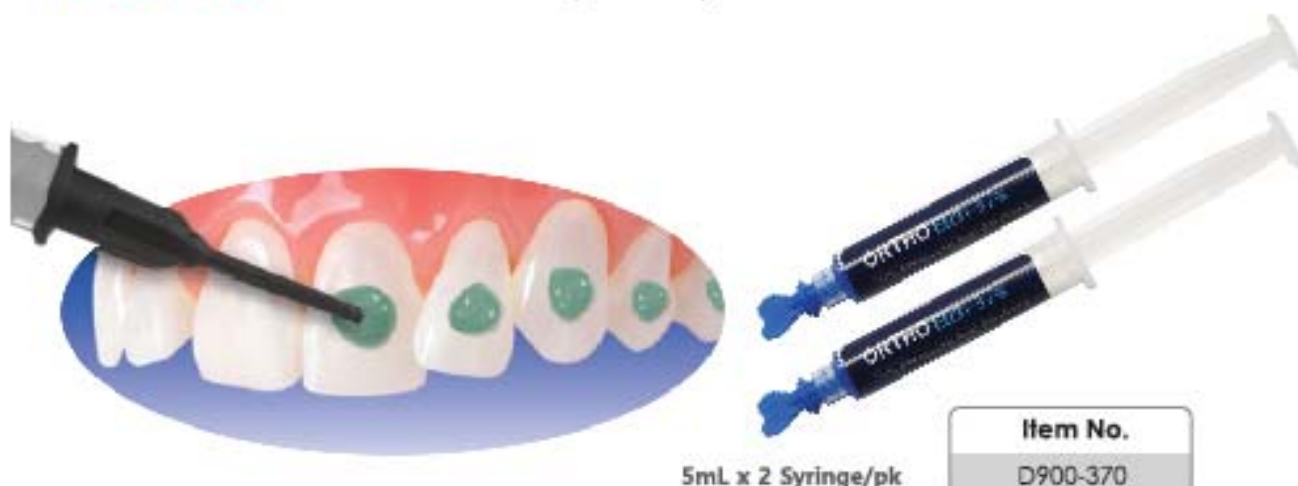


Aluminum Oxide can be used with any sandblasting machine.
Available in 50 micron or 90 micron.
50 micron is white in color and 240 grit. 90 micron is gray in
color and 150 grit. 0.45kg

Type	Item No.
50µm	D15201
90µm	D15301

ZD ZEST DENTAL SOLUTIONS
ZEST | DANVILLE MA | TERIALS | PERIOSCOPY

No.175 Ortho Etch(37%)



ORTHO Etch is a phosphoric acid (H_3PO_4) semi-gel type agent intended for use on dentin and enamel. ORTHO Etch will effectively remove the smear layer so it helps successful bonding.

Indication for use

Pre-treatment agent which helps to bonding agent having a strong bonding strength between resin and teeth.

Contraindication

If the stipulated working technique cannot be used, the material should not be applied.

Application method

1. Isolation & Drying
 - Clean and dry the cavity
 - Avoid any contamination of the cavity with saliva or blood
 - Rubber dam is recommended for isolation.
2. Cavity preparation
 - Reparation cavity with minimum elimination of the teeth
3. Etching
 - Etch entire cavity with ORTHO Etch for 10-30 sec
4. Rinse for 15 sec by water

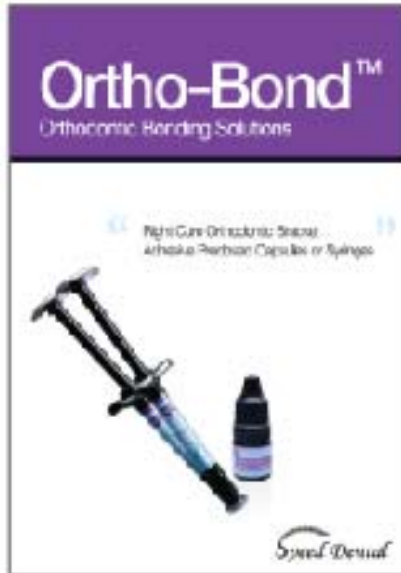
Storage

1. Do not store it under conditions of high temperature or intense light
2. Close the cap immediately after use
3. Store in dry and cool place
4. Valid of 3 years from the manufacturing date

Side effects

In rare cases, ORTHO Etch may cause a sensitizing reaction for hypersensitive patients due to any of the ingredients of these materials. In these cases, ORTHO Etch must no longer be used.

No.176 Ortho Bond Kit



Ortho Bond Kit

5g Ortho Bond™ Paste in Push Syringe x 2 Syringes
3ml Ortho Bond™ Sealant x 1 ea

Type	Item No.
Set	D900-475
Resin	D900-476
Primer	D900-477

Ortho Bond Component Push Syringes

A light-activated band cement in a single paste system which provides a longer working time and a rapid setting time. Can be placed directly into bands. Excess flash is easy to clean up prior to the light curing and the cement is easy to see due to the blue color. Contains fluoride to reduce the chance of decalcification.

- Available With or Without Fluoride - Ortho Bond Paste

and Sealant are formulated with a patented monomer that contains fluoride. It is available without fluoride in Push Syringe only.

- **Unsurpassed Bond Strength** - The Ortho Bond Paste is a highly filled material that delivers maximum bond strength in all situations with all types of appliances

- **Smooth Tacky Paste Viscosity** - The viscosity of Ortho Bond

Paste is very tacky which prevents bracket flotation. If a thinner paste viscosity is desired for bonding lingual retainers and acrylic appliances, Ortho Bond Thin or Medium Paste is available. Specify when ordering.

- **Total Paste Polymerization Under All Bracket Bases**-Ortho Bond is comprised of a catalyst and filler that reflects the light to insure complete polymerization under any appliance:metal, ceramic, sapphire or plastic. Once the material has been properly cured, an arch wire can be placed immediately.

- **Ease of Removal** - Ortho Bond™ is a small particle glass filled material designed specifically for orthodontic use that allows maximum penetration of filler into the finest screen mesh base and removal without enamel scarring.

• **Suggested Uses** - Bracket adhesive

No.177 Ortho Flow



ORTHO Flow can be applied easily to cavity because it flows well. With strong elastic force and solidity, this is the distinguished sealing material and isn't disengaged easily but can be removed following debond according to doctor's intend.

Item No.

D900-470

Application method



-When Power cable or Twist wire is laddered



* Light Curing 10-15min



- Cover brackets fully and light curing(alternative dental wax)



- To reduce feeling of irritation from the head of mini implant

No.181 Rapid Palatal Expanders



The body design of Leone's Rapid Palatal Expanders is completely smooth, with no rough areas or intersections for the maximum in complete patient comfort and hygiene.

Rapid Palatal Expanders

- Medical Grade Stainless Steel
- Laser Engraved Numbering
- Laser Welded Arms



Type	Item No.
# 11mm	D100-011
# 13 mm	D100-013

No.182 Aligner Seaters



Size : 10*33mm



- Helps seat aligner trays properly.
- Chewing increases blood circulation and can make the treatment more quickly.
- The patient can choice the flavors.

Type	Item No.
#2 (22mm)	D700-018
#4 (24mm)	D700-019
#6 (26mm)	D700-020
#8 (28mm)	D700-021
#0 (30mm)	D700-022

Useful Tools & Appliances for Ortho Clear

Punching Plier 1.



Punching Plier 2.



Indentation Forming Plier



Strip Kit



Ortho Speed



No.194 Ortho Curing Light **3sec** (DUAL BAND CURING LIGHT)

- The Ortho Curing combines market-leading engineering with unique design advancements that enhance performance and deliver consistent cures.
 - The Ortho Curing generates light intensity of 2,500mW/cm and ensures thorough curing as short as 2 seconds by applying Dual Band LED technology.
- Ortho Curing is compatible with the resins that react to 386nm~490nm.

The 4th generation in curing light



8mm fiber-optic light guide

The premium low profile fiber-optic light guide greatly improves the XD's light emission and access for posterior procedures.



Light Tip

Intuitive button control / LED Display

The newly improved silicone dual control button allow to change the device settings and precisely displays various conditions of the Ortho Curing such as battery level indication, mode selection and time duration.

Enhanced battery module

A high performance lithium-ion cell is incorporated into our special module guarantees extended battery life.



Radio Meter



Battery



Type	Item No.
klt	D7005
Light Tip	D7006
Battery	D7007
Radio Meter	D7008

FEATURES

- 2 Powerful Curing Modes
High Power(Green indicator light) and Plasma Emulation(Orange indicator light) deliver optimum results in all light curing application including indirect ceramic restorations and orthodontic bracket bonding
- Most light-cured materials can be thoroughly cured within less than 2 seconds(2mm)
- 9-Chip-LED is designed so that it's compatible with the resins that require a wide range of wavelength and for better light spreading
- Dual-Band LED technology makes it compatible with all other restorative methods and especially for the resins that react to 386nm~490nm wavelength

HYBRID CURING MODES

GOLD HIGH POWER MODE INTENSITY

High Power Mode
(1,500mW/cm²)

Appropriate for most application

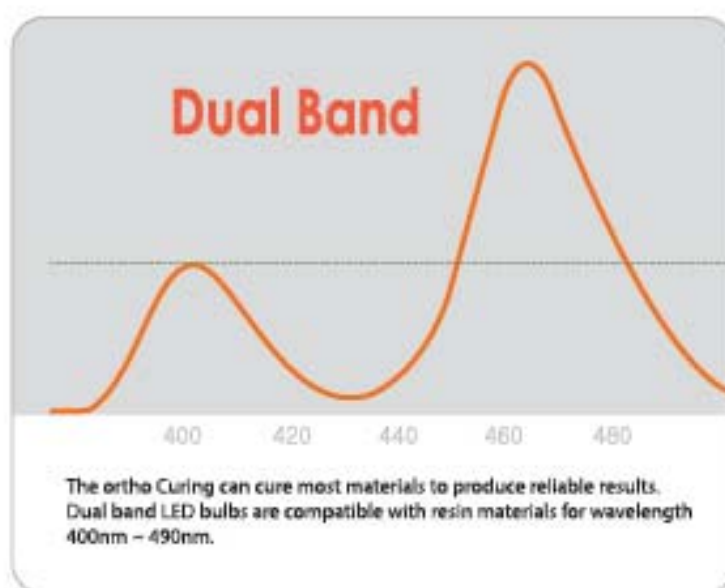
- Restorations for resins, liners, sealants and bases
- Indirect restorations such as veneers, inlays/onlays and crowns

GOLD PLASMA MODE INTENSITY

Plasma Emulation Mode
(min. 2,500mW/cm²)

Emulated plasma are equivalent light intensity for rapid curing and orthodontic bonding

- 2seconds cure for mos2mm depth composites
- Orthodontic bonding of ceramic/metal brackets, tubes and bands





Dentalsupply

Our commitments

**Safer, more comfortable and
more beautiful**

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