

P R O D U C T
C A T A L O G



SY
NA



01

Before opening shrink-wrapped package, check implant D & L is size you need; and D/L in package window matches label outside



02

Re-check implant D/L on inner shrink-wrapped vial before opening. Twist open the outer vial and drop inner ampoule onto steriles/surface



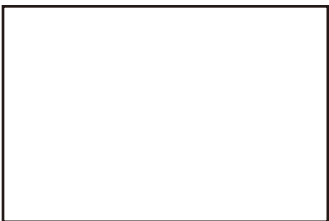
03

Open ampoule with implant facing up



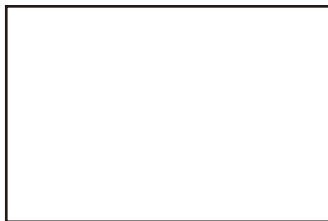
04

Rotate open transparent cover with implant facing up



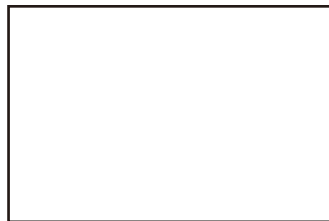
05

Connect Implant -piece connector to Implant turning the connector and same time pushing it into implant to completely engage



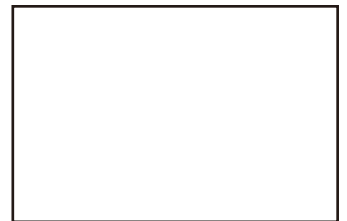
06

Check the marking line on connector matches the implant top



07

Open white silicone cap at other end of ampoule for cover screw



08

Use 1.2mm universal hex driver to unscrew cover screw from ampoule and drive into implant



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Prosthetic Technical Specification

Surgical Drills

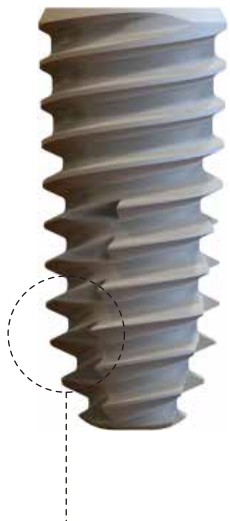
Surgical Kit Lay-Out

Drilling Sequence

Proven Implant Design

Long-term Proven Industry Leading powerful design and connection

- * Submerged type implant with anti-rotation internal hex and 11° Morse-taper connection – prosthetic platform compatible with Astra® implant
- * Industry-standard SLA surface with consistent roughness
- * Double acid wash to provide an ultra-clean surface
- * Industry's only double-sterile packing – inner and outer ampoule



Macro Thread (Double Thread)

- * Corkscrew thread design to provide powerful self-threading effect and change of path during implant insertion
- * Double Thread to achieve quicker implant insertion
- * Optimal gradual taper implant design for stability even in soft bone and for immediate loading

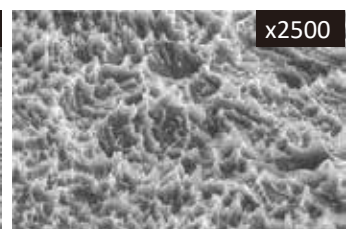
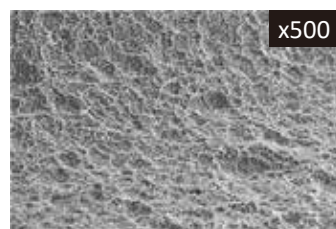
Cutting-edge Design

The implant has cutting-edge design to achieve optimal torque in any bone condition. The cork-screw thread design enables change of implant insertion path. Self-thread allows implant to be placed with high initial stability in soft bone.

S.L.A Surface

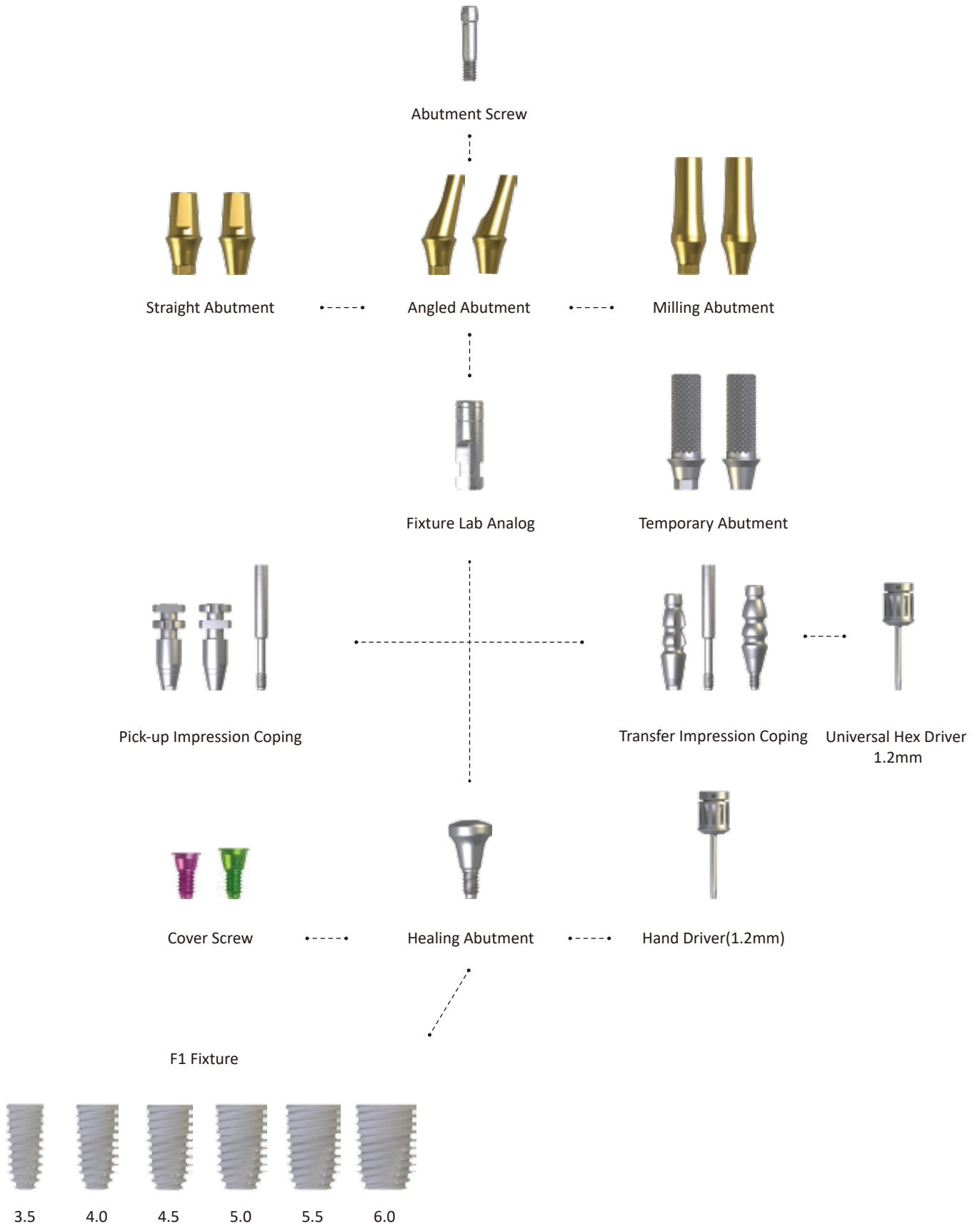
Sand-blast, Large-grit, Acid-etched surface

Implant body has consistent rough SLA surface and 50% more roughness than RBM. Double acid washed allows clean surface.



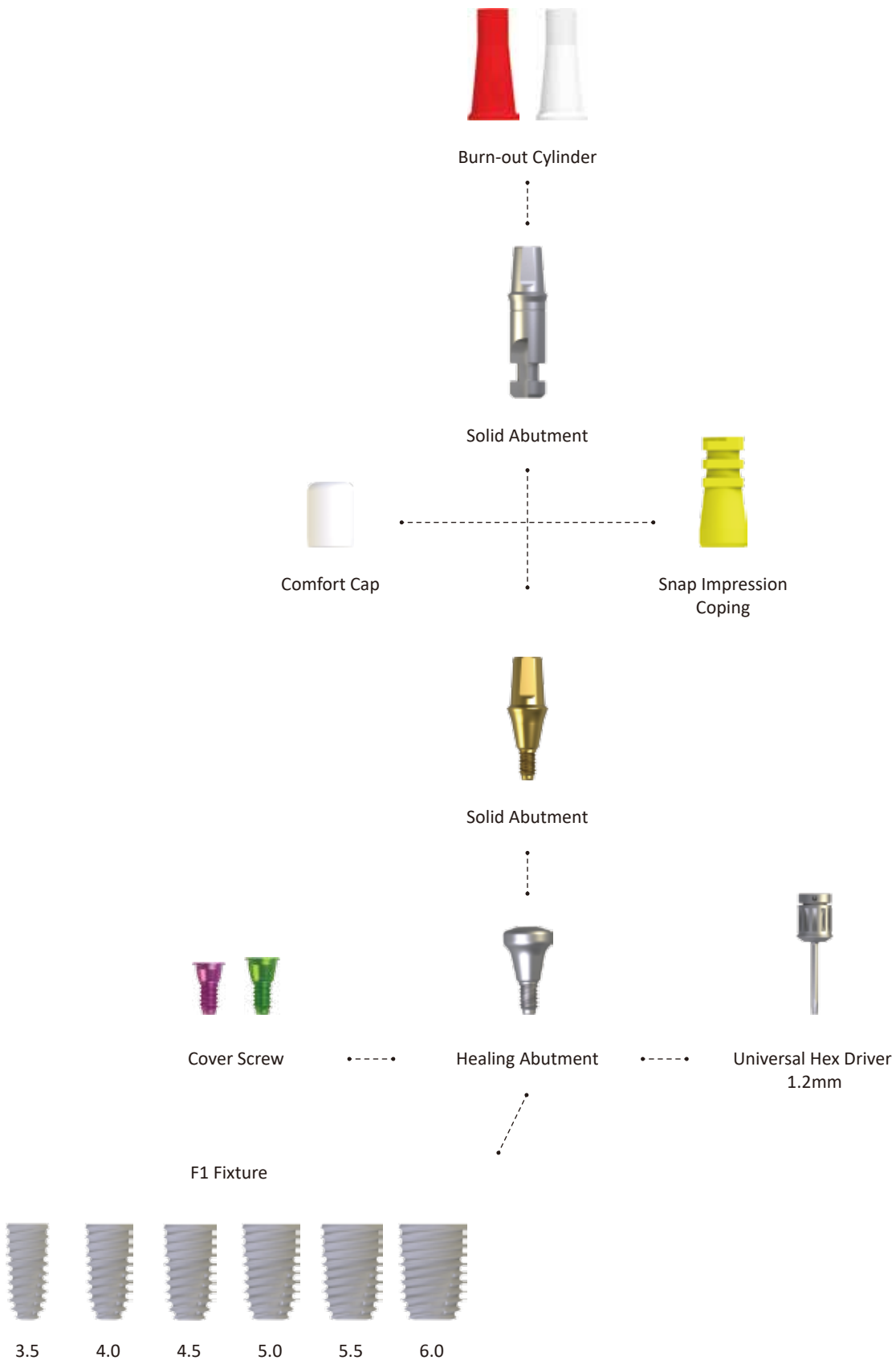
SY NA Prosthetics Flow Diagram

Cement & Screw-Cement Retained Restoration



SY NA Prosthetics Flow Diagram

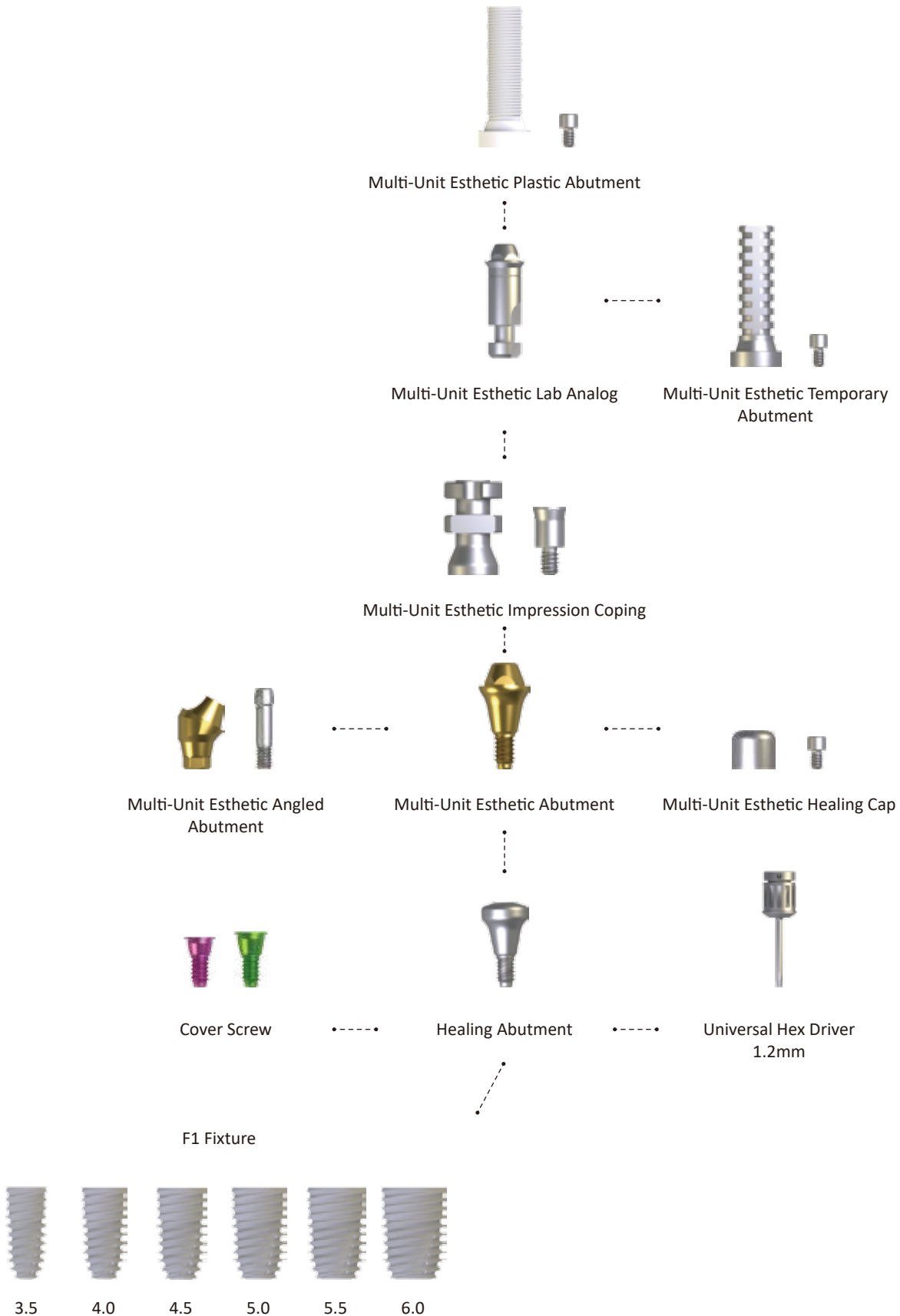
Cement Retained Restoration





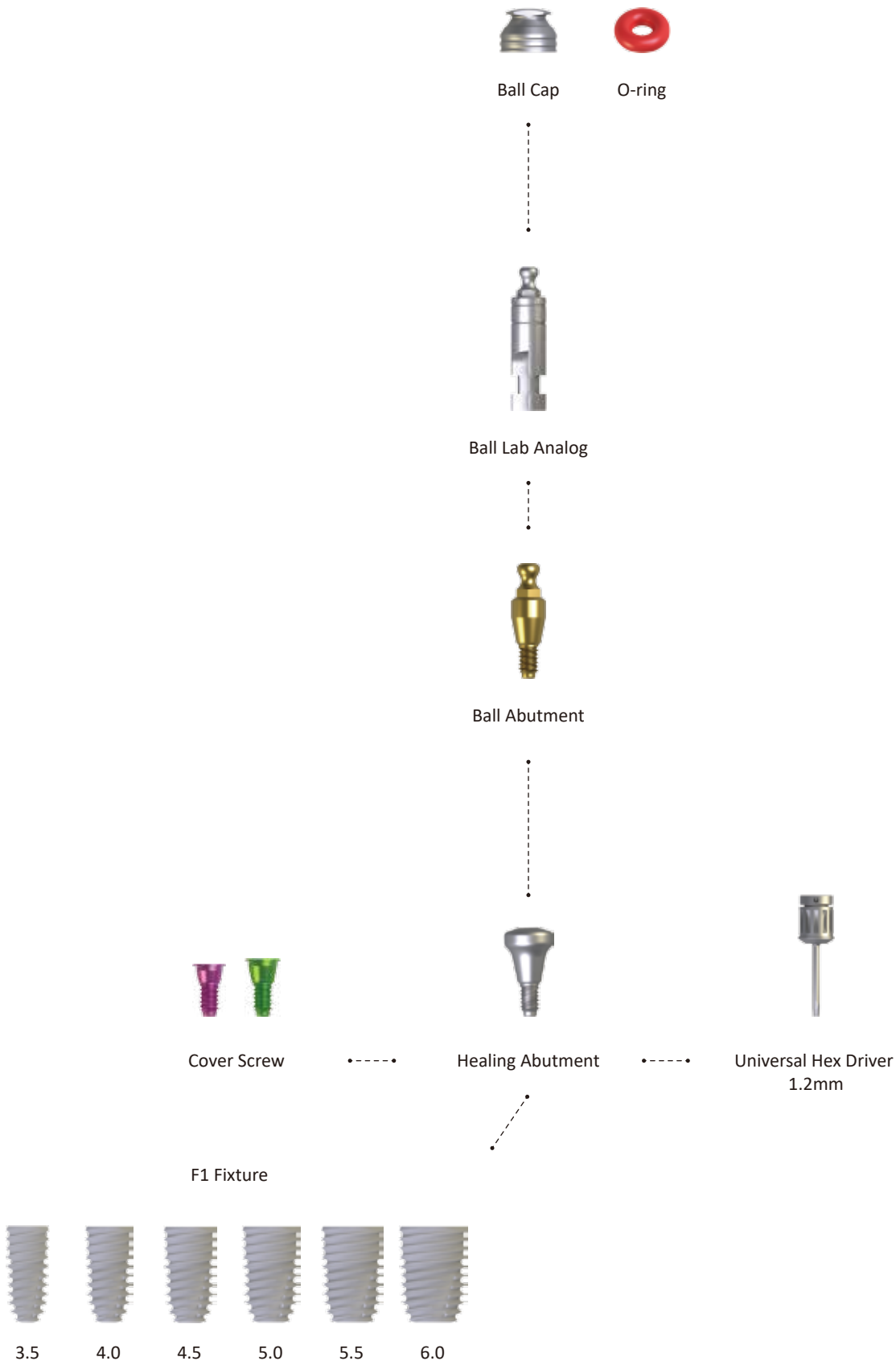
Prosthetics Flow Diagram

Cement & Screw-Cement Retained Restoration

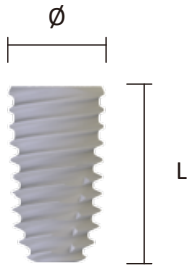


SY NA Prosthetics Flow Diagram

Over-denture Retained Restoration



F1 Implant



- Surface treatment: SLA
- Internal Hex: 2.5mm
- Internal Conical Connection: 11°
- Female screw: M2.0

Length / ∅	3.5	4.0	4.5
7	ICH35070S	ICH40070S	ICH45070S
8.5	ICH35085S	ICH40085S	ICH45085S
10	ICH35100S	ICH40100S	ICH45100S
11.5	ICH35115S	ICH40115S	ICH45115S
13	ICH35130S	ICH40130S	ICH45130S
15	ICH35150S	ICH40150S	ICH45150S

Length / ∅	5.0	5.5	6.0
7	ICH50070S	ICH55070S	ICH60070S
8.5	ICH50085S	ICH55085S	ICH60085S
10	ICH50100S	ICH55100S	ICH60100S
11.5	ICH50115S	ICH55115S	ICH60115S
13	ICH50130S	ICH55130S	ICH60130S
15	ICH50150S	ICH55150S	ICH60150S

Note: 7mm length implants will be available later

Cover Screw



Ø	3.5	4.0
	SSR350	SSR400

- Long size is used in deep sub-gingival insertion
- Universal Hex Driver 1.2mm
- Recommended Hand Tightening Torque: 5~8 Ncm

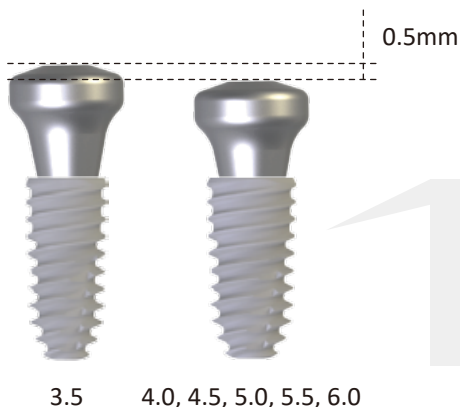
Healing Abutment



Height	Ø 4.0	4.5	5.0	6.0
3	HC40030	HC45030	HC50030	HC60030
4	HC40040	HC45040	HC50040	HC60040
5	HC40050	HC45050	HC50050	HC60050
7	HC40070	HC45070	HC50070	HC60070

- Used to achieve excellent gingiva cuff
- Universal Hex Driver 1.2mm
- Recommended Hand Tightening Torque: 5~8 Ncm

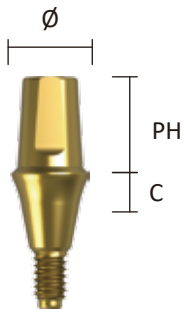
! Alert



All implant diameters have the same unique platform to enable any abutment to fit any implant diameter – superb flexibility. Please note abutment in 3.5mm diameter implant will be 0.5mm higher than on the rest of the diameters.

3.5 4.0, 4.5, 5.0, 5.5, 6.0

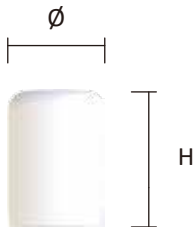
Solid Abutment



- Used for cement-retained restoration
- Gold anodised for superior aesthetics and strength
- ! Unique One Prosthetic Platform - Any Abutment fits Any Implant Diameter
- ! Unique choice of 4 Cuff Diameters allows flexibility in prosthetic treatment planning –
 - o small cuff diameter can be placed on widest implant in Anterior Single Tooth Replacement to fit between narrow path of adjacent teeth
 - o wide cuff diameter can be used on smallest implant diameter in delayed implantation for molars to avoid huge cantilever
- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 30 Ncm

	∅	4.0	4.5	5.0	6.0	
Cuff	1	ICHSA4001040	ICHSA4501040	ICHSA5001040	ICHSA6001040	
	2	ICHSA4002040	ICHSA4502040	ICHSA5002040	ICHSA6002040	
	PH 4	3	ICHSA4003040	ICHSA4503040	ICHSA5003040	ICHSA6003040
		4	ICHSA4004040	ICHSA4504040	ICHSA5004040	ICHSA6004040
	5	ICHSA4005040	ICHSA4505040	ICHSA5005040	ICHSA6005040	
	6	ICHSA4006040	ICHSA4506040	ICHSA5006040	ICHSA6006040	
PH 5.5	1	ICHSA4001055	ICHSA4501055	ICHSA5001055	ICHSA6001055	
	2	ICHSA4002055	ICHSA4502055	ICHSA5002055	ICHSA6002055	
	3	ICHSA4003055	ICHSA4503055	ICHSA5003055	ICHSA6003055	
	4	ICHSA4004055	ICHSA4504055	ICHSA5004055	ICHSA6004055	
	5	ICHSA4005055	ICHSA4505055	ICHSA5005055	ICHSA6005055	
	6	ICHSA4006055	ICHSA4506055	ICHSA5006055	ICHSA6006055	
PH 7	1	ICHSA4001070	ICHSA4501070	ICHSA5001070	ICHSA6001070	
	2	ICHSA4002070	ICHSA4502070	ICHSA5002070	ICHSA6002070	
	3	ICHSA4003070	ICHSA4503070	ICHSA5003070	ICHSA6003070	
	4	ICHSA4004070	ICHSA4504070	ICHSA5004070	ICHSA6004070	
	5	ICHSA4005070	ICHSA4505070	ICHSA5005070	ICHSA6005070	
	6	ICHSA4006070	ICHSA4506070	ICHSA5006070	ICHSA6006070	

Comfort Cap



Height	∅	4.0	4.5	5.0	6.0
7		CC4070	CC4570	CC5070	CC6070

- Used to protect Solid Abutment to minimise foreign body sensation
- Can be used to build temporary prosthesis
- Gold anodised for superior aesthetics and strength
- ! Each Cuff Diameter corresponds to its own Cap for greater accuracy

Plastic Impression Coping



Height / Ø	4.0	4.5	5.0	6.0
4	ICPIC4040	ICPIC4540	ICPIC5040	ICPIC6040
5.5	ICPIC4055	ICPIC4555	ICPIC5055	ICPIC6055
7	ICPIC4070	ICPIC4570	ICPIC5070	ICPIC6070

- Used to take impression of Solid Abutment
- ! Each Cuff Diameter & Height corresponds to its own Coping for greater accuracy

Burn-out Cylinder



Type / Ø	4.0	4.5	5.0	6.0
SINGLE	ICBOC40S	ICBOC45S	ICBOC50S	ICBOC60S
BRIDGE	ICBOC40B	ICBOC45B	ICBOC50B	ICBOC60B

- Attach to Solid Abutment Analog during wax-up to give perfect casting
- ! Each Cuff Diameter corresponds to its own Cylinder for greater accuracy

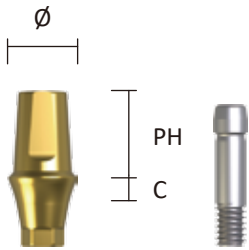
Abutment Lab Analog



Height / Ø	4.0	4.5	5.0	6.0
4	AGAL4040	AGAL4540	AGAL5040	AGAL6040
5.5	AGAL4055	AGAL4555	AGAL5055	AGAL6055
7	AGAL4070	AGAL4570	AGAL5070	AGAL6070

- Use in working model as replica of Solid Abutment
- ! Each Cuff Diameter & Height corresponds to its own Analog for greater accuracy

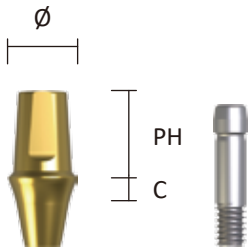
Straight Abutment (HEX)



- Used for cement and screw-cement retained restoration
- Gold anodised for superior aesthetics and strength
- ! Unique One Prosthetic Platform - Any Abutment fits Any Implant Diameter
- ! Unique choice of 4 Cuff Diameters allows flexibility in prosthetic treatment planning –
 - o small cuff diameter can be placed on widest implant in Anterior Single Tooth Replacement to fit between narrow path of adjacent teeth
 - o wide cuff diameter can be used on smallest implant diameter in delayed implantation for molars to avoid huge cantilever
- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 30 Ncm

	Ø	4.0	4.5	5.0	6.0	
Cuff	1	ICHHA4001040	ICHHA4501040	ICHHA5001040	ICHHA6001040	
	2	ICHHA4002040	ICHHA4502040	ICHHA5002040	ICHHA6002040	
	PH 4	3	ICHHA4003040	ICHHA4503040	ICHHA5003040	ICHHA6003040
		4	ICHHA4004040	ICHHA4504040	ICHHA5004040	ICHHA6004040
		5	ICHHA4005040	ICHHA4505040	ICHHA5005040	ICHHA6005040
		6	ICHHA4006040	ICHHA4506040	ICHHA5006040	ICHHA6006040
PH 5.5	1	ICHHA4001055	ICHHA4501055	ICHHA5001055	ICHHA6001055	
	2	ICHHA4002055	ICHHA4502055	ICHHA5002055	ICHHA6002055	
	PH 5.5	3	ICHHA4003055	ICHHA4503055	ICHHA5003055	ICHHA6003055
		4	ICHHA4004055	ICHHA4504055	ICHHA5004055	ICHHA6004055
		5	ICHHA4005055	ICHHA4505055	ICHHA5005055	ICHHA6005055
		6	ICHHA4006055	ICHHA4506055	ICHHA5006055	ICHHA6006055
PH 7	1	ICHHA4001070	ICHHA4501070	ICHHA5001070	ICHHA6001070	
	2	ICHHA4002070	ICHHA4502070	ICHHA5002070	ICHHA6002070	
	PH 7	3	ICHHA4003070	ICHHA4503070	ICHHA5003070	ICHHA6003070
		4	ICHHA4004070	ICHHA4504070	ICHHA5004070	ICHHA6004070
		5	ICHHA4005070	ICHHA4505070	ICHHA5005070	ICHHA6005070
		6	ICHHA4006070	ICHHA4506070	ICHHA5006070	ICHHA6006070

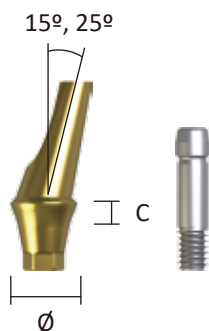
Straight Abutment (NON-HEX)



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- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 30 Ncm

	Ø	4.0	4.5	5.0	6.0	
Cuff	1	ICHNA4001040	ICHNA4501040	ICHNA5001040	ICHNA6001040	
	2	ICHNA4002040	ICHNA4502040	ICHNA5002040	ICHNA6002040	
	PH 4	3	ICHNA4003040	ICHNA4503040	ICHNA5003040	ICHNA6003040
		4	ICHNA4004040	ICHNA4504040	ICHNA5004040	ICHNA6004040
	5	ICHNA4005040	ICHNA4505040	ICHNA5005040	ICHNA6005040	
	6	ICHNA4006040	ICHNA4506040	ICHNA5006040	ICHNA6006040	
PH 5.5	1	ICHNA4001055	ICHNA4501055	ICHNA5001055	ICHNA6001055	
	2	ICHNA4002055	ICHNA4502055	ICHNA5002055	ICHNA6002055	
	3	ICHNA4003055	ICHNA4503055	ICHNA5003055	ICHNA6003055	
	4	ICHNA4004055	ICHNA4504055	ICHNA5004055	ICHNA6004055	
	5	ICHNA4005055	ICHNA4505055	ICHNA5005055	ICHNA6005055	
	6	ICHNA4006055	ICHNA4506055	ICHNA5006055	ICHNA6006055	
PH 7	1	ICHNA4001070	ICHNA4501070	ICHNA5001070	ICHNA6001070	
	2	ICHNA4002070	ICHNA4502070	ICHNA5002070	ICHNA6002070	
	3	ICHNA4003070	ICHNA4503070	ICHNA5003070	ICHNA6003070	
	4	ICHNA4004070	ICHNA4504070	ICHNA5004070	ICHNA6004070	
	5	ICHNA4005070	ICHNA4505070	ICHNA5005070	ICHNA6005070	
	6	ICHNA4006070	ICHNA4506070	ICHNA5006070	ICHNA6006070	

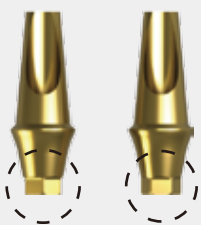
Angled Abutment (HEX)



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- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 30 Ncm

Cuff	Ø	4.0	4.5	5.0	6.0	
HEX	15°	1	ICHAA4001015P	ICHAA4501015P	ICHAA5001015P	ICHAA6001015P
		2	ICHAA4002015P	ICHAA4502015P	ICHAA5002015P	ICHAA6002015P
		3	ICHAA4003015P	ICHAA4503015P	ICHAA5003015P	ICHAA6003015P
		4	ICHAA4004015P	ICHAA4504015P	ICHAA5004015P	ICHAA6004015P
		5	ICHAA4005015P	ICHAA4505015P	ICHAA5005015P	ICHAA6005015P
		6	ICHAA4006015P	ICHAA4506015P	ICHAA5006015P	ICHAA6006015P
HEX	15°	1	ICHAA4001025P	ICHAA4501025P	ICHAA5001025P	ICHAA6001025P
		2	ICHAA4002025P	ICHAA4502025P	ICHAA5002025P	ICHAA6002025P
		3	ICHAA4003025P	ICHAA4503025P	ICHAA5003025P	ICHAA6003025P
		4	ICHAA4004025P	ICHAA4504025P	ICHAA5004025P	ICHAA6004025P
		5	ICHAA4005025P	ICHAA4505025P	ICHAA5005025P	ICHAA6005025P
		6	ICHAA4006025P	ICHAA4506025P	ICHAA5006025P	ICHAA6006025P
HEX	15°	1	ICHAA4001015V	ICHAA4501015V	ICHAA5001015V	ICHAA6001015V
		2	ICHAA4002015V	ICHAA4502015V	ICHAA5002015V	ICHAA6002015V
		3	ICHAA4003015V	ICHAA4503015V	ICHAA5003015V	ICHAA6003015V
		4	ICHAA4004015V	ICHAA4504015V	ICHAA5004015V	ICHAA6004015V
		5	ICHAA4005015V	ICHAA4505015V	ICHAA5005015V	ICHAA6005015V
		6	ICHAA4006015V	ICHAA4506015V	ICHAA5006015V	ICHAA6006015V
HEX	15°	1	ICHAA4001025V	ICHAA4501025V	ICHAA5001025V	ICHAA6001025V
		2	ICHAA4002025V	ICHAA4502025V	ICHAA5002025V	ICHAA6002025V
		3	ICHAA4003025V	ICHAA4503025V	ICHAA5003025V	ICHAA6003025V
		4	ICHAA4004025V	ICHAA4504025V	ICHAA5004025V	ICHAA6004025V
		5	ICHAA4005025V	ICHAA4505025V	ICHAA5005025V	ICHAA6005025V
		6	ICHAA4006025V	ICHAA4506025V	ICHAA5006025V	ICHAA6006025V

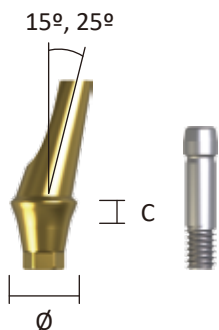
Guide for Angled Abutment



TYPE : A TYPE : B

- It is possible to achieve 12 orientations at 30° with the Type A and Type B.
- ! Please always surgically place flat of hex facially to use Type B as standard angled abutment

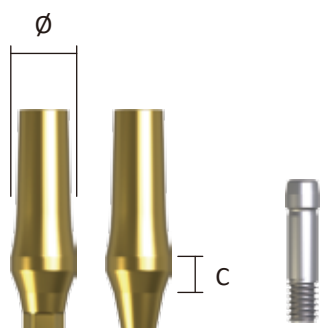
Angled Abutment (NON-HEX)



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 - o wide cuff diameter can be used on smallest implant diameter in delayed implantation for molars to avoid huge cantilever
- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 30 Ncm

	Cuff ∅	4.0	4.5	5.0	6.0	
NON-HEX	15°	1	ICHAA4001015N	ICHAA4501015N	ICHAA5001015N	ICHAA6001015N
		2	ICHAA4002015N	ICHAA4502015N	ICHAA5002015N	ICHAA6002015N
		3	ICHAA4003015N	ICHAA4503015N	ICHAA5003015N	ICHAA6003015N
		4	ICHAA4004015N	ICHAA4504015N	ICHAA5004015N	ICHAA6004015N
		5	ICHAA4005015N	ICHAA4505015N	ICHAA5005015N	ICHAA6005015N
		6	ICHAA4006015N	ICHAA4506015N	ICHAA5006015N	ICHAA6006015N
NON-HEX	25°	1	ICHAA4001025N	ICHAA4501025N	ICHAA5001025N	ICHAA6001025N
		2	ICHAA4002025N	ICHAA4502025N	ICHAA5002025N	ICHAA6002025N
		3	ICHAA4003025N	ICHAA4503025N	ICHAA5003025N	ICHAA6003025N
		4	ICHAA4004025N	ICHAA4504025N	ICHAA5004025N	ICHAA6004025N
		5	ICHAA4005025N	ICHAA4505025N	ICHAA5005025N	ICHAA6005025N
		6	ICHAA4006025N	ICHAA4506025N	ICHAA5006025N	ICHAA6006025N

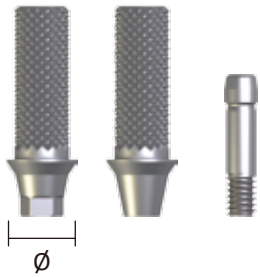
Milling Abutment (Hex and Non-Hex)



	Cuff ∅	4.0	4.5	5.0	6.0
HEX	1.5	ICHMHA40015	ICHMHA45015	ICHMHA50015	ICHMHA60015
	3	ICHMHA40030	ICHMHA45030	ICHMHA50030	ICHMHA60030
NON-HEX	1.5	ICHMNA40015	ICHMNA45015	ICHMNA50015	ICHMNA60015
	3	ICHMNA40030	ICHMNA45030	ICHMNA50030	ICHMNA60030

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- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 30 Ncm

Temporary Abutment (Non-Hex)



Type	∅
HEX	4.5 ICHTH450
NON-HEX	ICHTN450

- Used for temporary prosthesis
- Diamond-pattern Knurling surface for ease to temporise
- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 20 Ncm

Implant Lab Analog



∅	
3.5	AGIL350
4.0	AGIL400

- Use in working model as replica of Implant

Pick-up Impression Coping

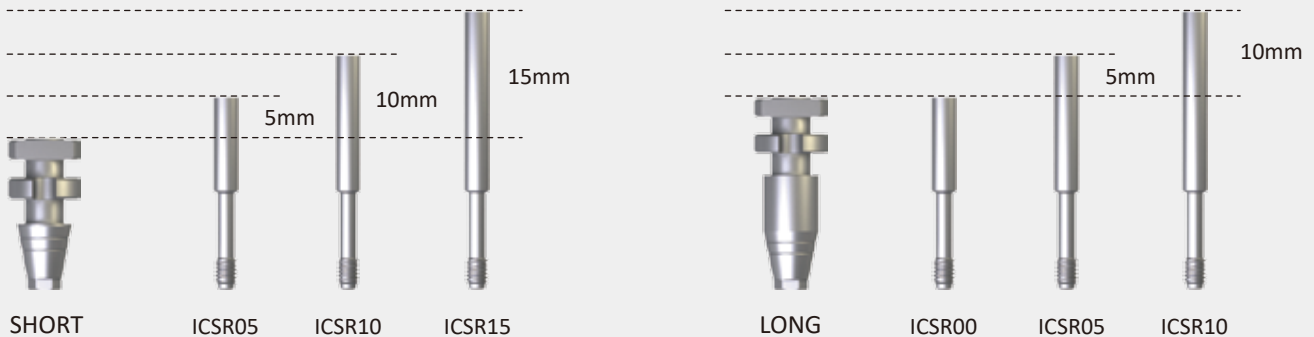


Type	∅	4.0	4.5	5.0	6.0
HEX	SHORT	ICOT40SH	ICOT45SH	ICOT50SH	ICOT60SH
	LONG	ICOT40LH	ICOT45LH	ICOT50LH	ICOT60LH
NON-HEX	SHORT	ICOT40SN	ICOT45SN	ICOT50SN	ICOT60SN
	LONG	ICOT40LN	ICOT45LN	ICOT50LN	ICOT60LN

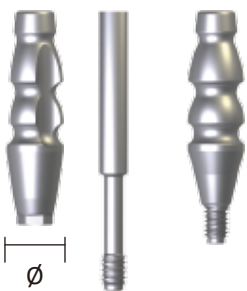
- Used to take open tray impression
- Extended Flat and Groove Flange provides accurate impression
- ! Each Cuff Diameter corresponds to its own Impression Coping for greater accuracy
- Universal Hex Driver 1.2mm

Impression Coping Guide

17



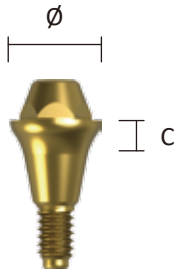
Transfer Impression Coping



Type	∅	4.0	4.5	5.0	6.0
HEX	SHORT	ICCT40SH	ICCT45SH	ICCT50SH	ICCT60SH
	LONG	ICCT40LH	ICCT45LH	ICCT50LH	ICCT60LH
NON-HEX	SHORT	ICCT40SN	ICCT45SN	ICCT50SN	ICCT60SN
	LONG	ICCT40LN	ICCT45LN	ICCT50LN	ICCT60LN

- Used to take closed tray impression
- Extended Flat and smooth rounded Grooves provides accurate impression with minimal tear
- ! Each Cuff Diameter corresponds to its own Impression Coping for greater accuracy
- Universal Hex Driver 1.2mm

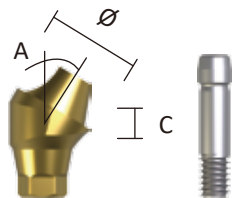
Multi-Unit Esthetic Solid Abutment



- Used as Screw-In Abutment in multiple implant cases
- Gold anodised for superior aesthetics and strength
- ! Unique One Prosthetic Platform - Any Abutment fits Any Implant Diameter
- ! Unique choice of 6 Gingiva Heights allows flexibility in prosthetic treatment planning
- ! Unique 2-piece Holder to carry Abutment to Implant and fix
- Recommended Tightening Torque: 30 Ncm

Cuff	\varnothing
	4.8
1	ICHESA48010
2	ICHESA48020
3	ICHESA48030
4	ICHESA48040
5	ICHESA48050
6	ICHESA48060

Multi-Unit Esthetic Angled Abutment



- Used for screw-retained restoration to adjust prosthetic path at 17° and 30° axial angle in multiple implant cases
- Gold anodised for superior aesthetics and strength
- ! Unique One Prosthetic Platform - Any Abutment fits Any Implant Diameter
- ! Unique choice of 6 Gingiva Heights allows flexibility in prosthetic treatment planning
- ! Industry-standard MU Abutment Holder to carry Abutment to Implant and fix
- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 30 Ncm

Cuff	\varnothing
	4.8
1	ICHEAA4801017
2	ICHEAA4802017
3	ICHEAA4803017
4	ICHEAA4804017
5	ICHEAA4805017
6	ICHEAA4806017
1	ICHEAA4801030
2	ICHEAA4802030
3	ICHEAA4803030
4	ICHEAA4804030
5	ICHEAA4805030
6	ICHEAA4806030

Multi-Unit Esthetic Healing Cap



- Used to achieve excellent gingiva cuff over MU Abutment
- Universal Hex Driver 1.2mm
- Recommended Hand Tightening Torque: 5~8 Ncm

Multi-Unit Esthetic Pick-up Impression Coping



- Used to take open tray impression
- Extended Flat and Groove Flange provides accurate impression
- ! Screw is very small and needs careful handling
- Universal Hex Driver 1.2mm

Multi-Unit Esthetic Temporary Abutment



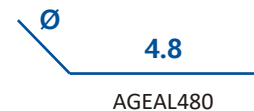
- Used for temporary prosthesis
- Special grooved surface for ease to temporise
- ! Screw is very small and needs careful handling
- Universal Hex Driver 1.2mm
- Recommended Tightening Torque: 20 Ncm

Multi-Unit Esthetic Plastic Abutment



- Used for wax-up on MU Abutment Analog for casting
- Used to create final prosthesis after customisation
- ! Screw is very small and needs careful handling
- Universal Hex Driver 1.2mm
- Recommended Hand Tightening Torque for Lab: 5~8 Ncm
- Recommended Tightening Torque for Final Restoration: 20 Ncm

Multi-Unit Esthetic Lab Analog



- Use in working model as replica of Multi-Unit Esthetic Straight and Angled Abutment

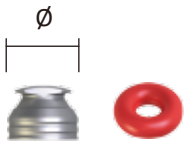
Ball Abutment



- Used for stud-type over-denture prosthetics or epithesis
- Gold anodised for superior aesthetics and strength
- ! Unique One Prosthetic Platform - Any Abutment fits Any Implant Diameter
- ! Unique choice of 6 Cuff Lengths allows flexibility in prosthetic treatment planning
- Ball Abutment Driver
- Recommended Tightening Torque: 30 Ncm

Cuff	\varnothing	4.0
0		ICBA4000
1		ICBA4010
2		ICBA4020
3		ICBA4030
4		ICBA4040
5		ICBA4050
6		ICBA4060

Ball Abutment Metal Housing & O-Ring



- Metal Housing supports O-Ring
- Metal Housing will fit into denture or epithesis
- O-Ring can help with up to 20° divergence
- Can be fitted with cold-cure acrylic

\varnothing	4.0
	ICFBC

Ball Abutment Lab Analog



\varnothing	3.5
	ICBLA

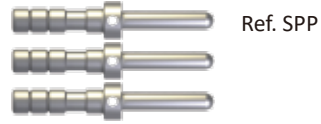
- Use in working model as replica of Ball Abutment

SY NA Surgical Kit Lay-out.

Pilot Drill



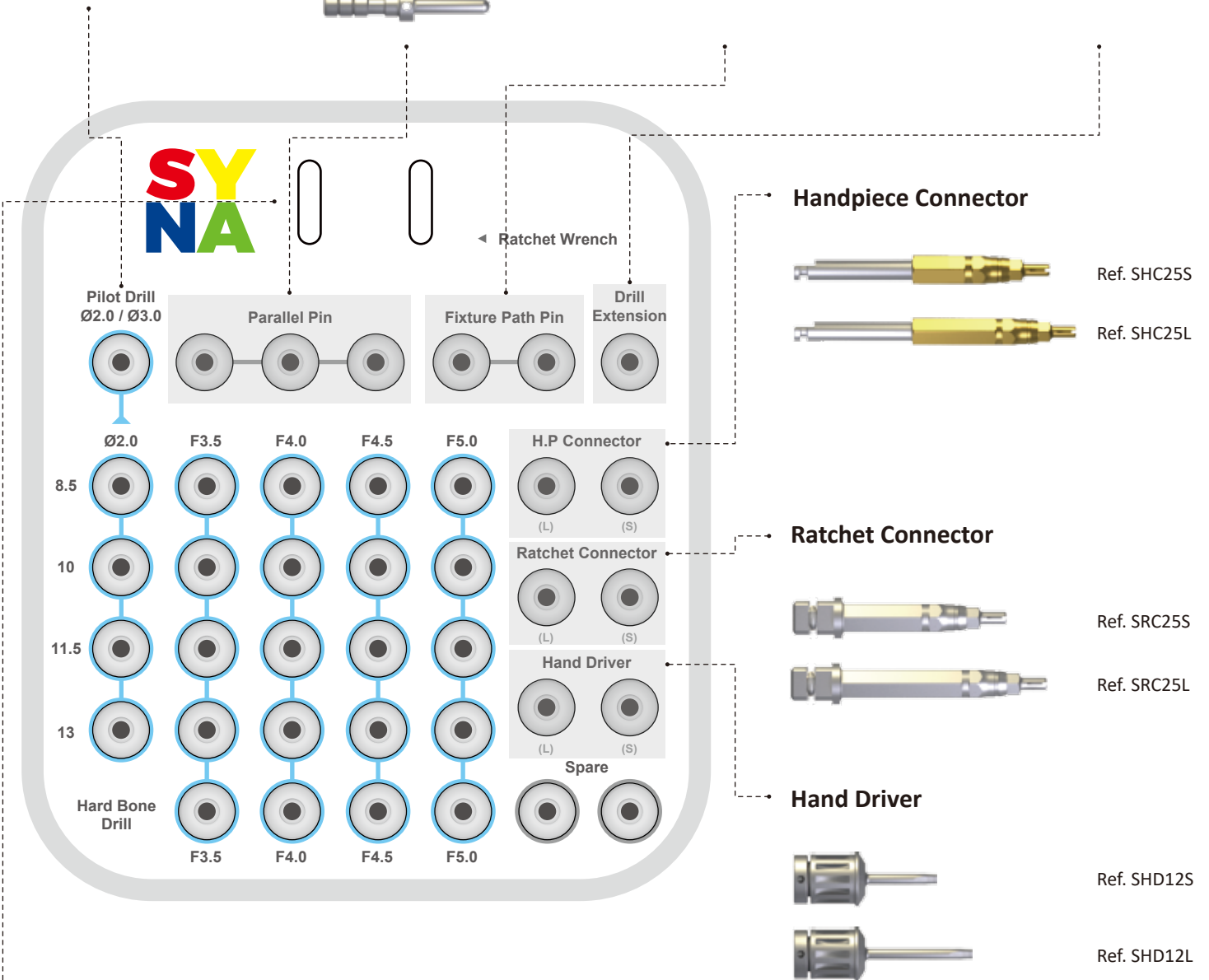
Parallel Pin



Fixture Path Pin



Drill Extension



Torque Wrench



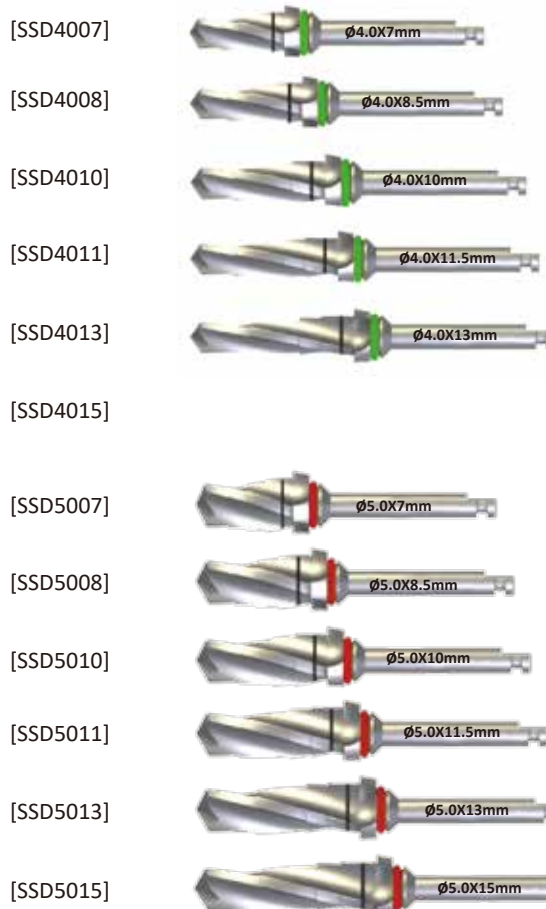
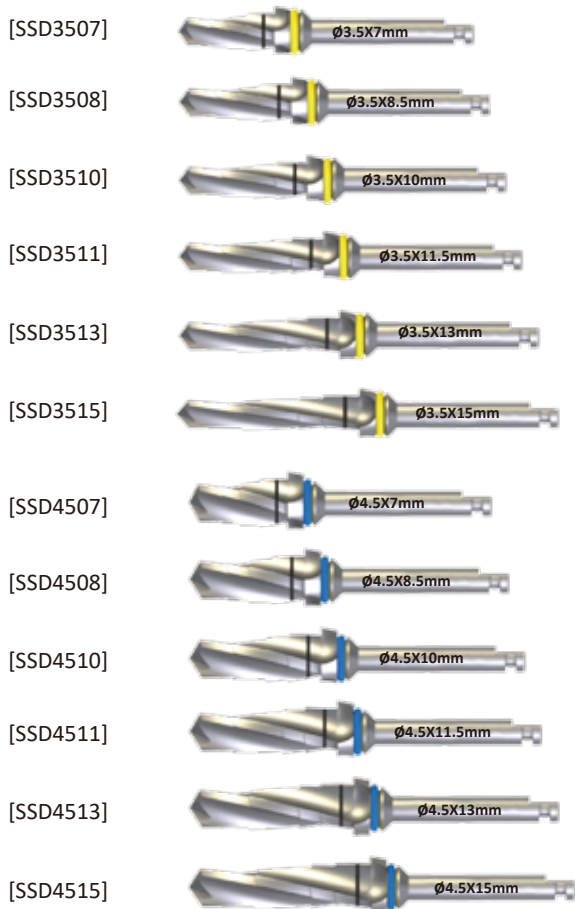
Pilot Drill



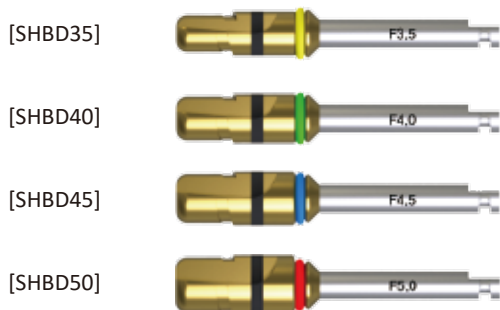
Pilot Drill



Tapered Drill

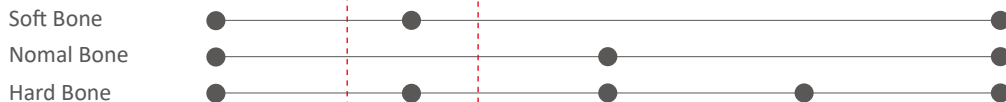
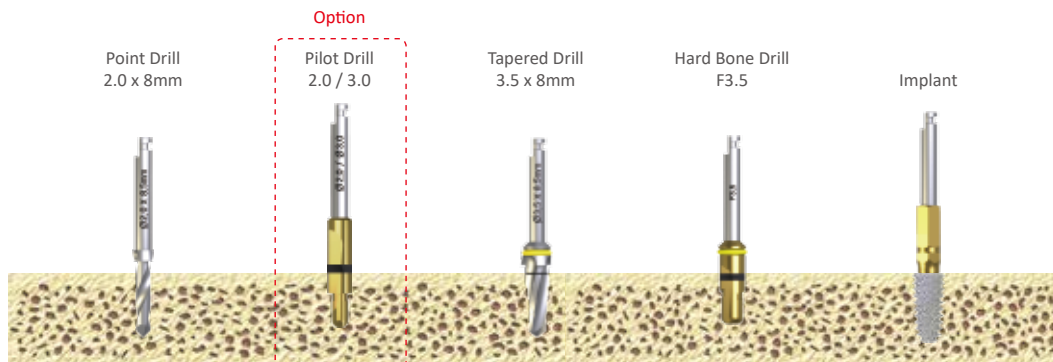
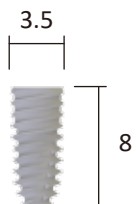


Hard Bone Drill

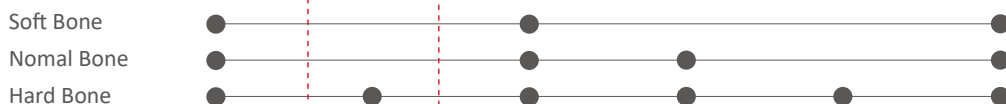
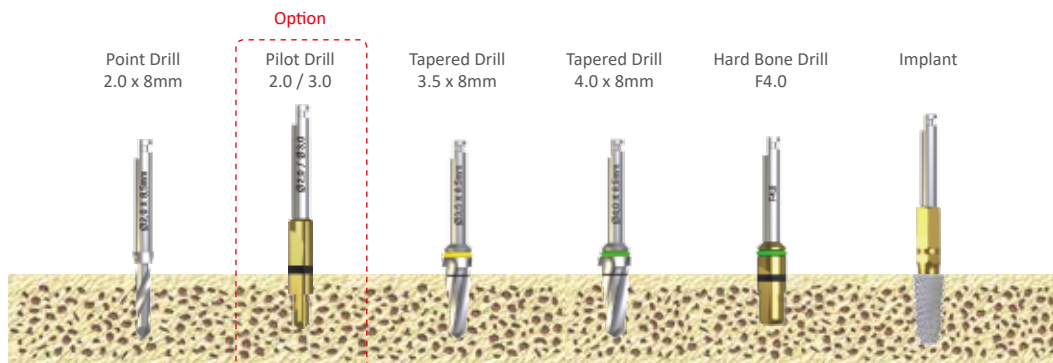
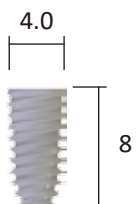


SYNA Implant Drill Sequence

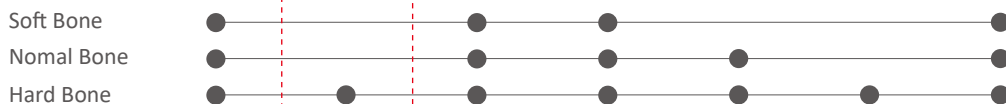
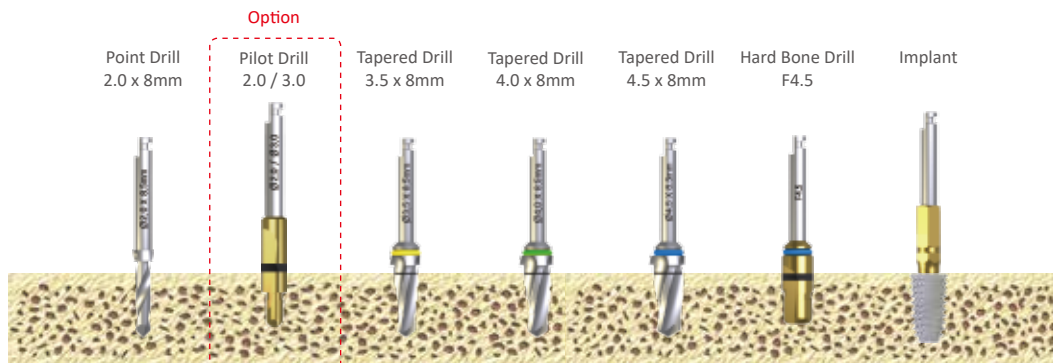
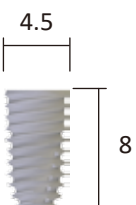
F1



F1

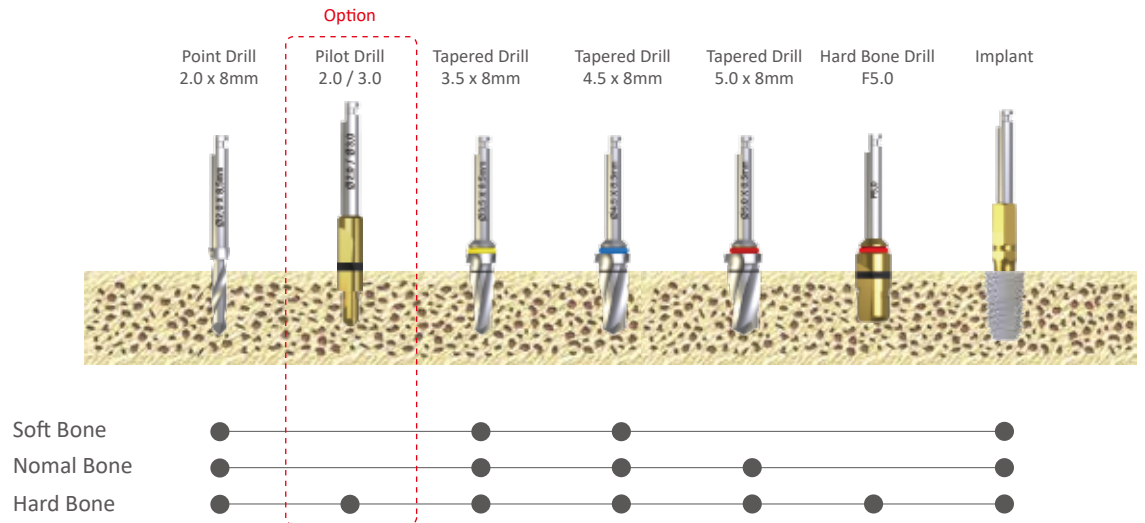
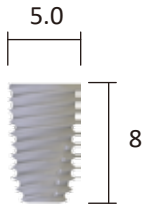


F1



SY NA Drilling Sequence

F1





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