

A remarkable solution for vertical bone atrophy

Helix Short was designed to meet patient expectations, delivering the Neodent® established concepts of immediacy and straightforward protocols, even for more demanding indications, such as low vertical bone availability: An alternative to bone graft procedures such as guided bone regeneration and sinus lift augmentation.[1,2]



EVERY MILLIMETER MATTERS: AN IMPLANT DESIGN FOR A WIDE VARIETY OF CLINICAL SITUATIONS.

The proven versatility of the Helix implant design as a short implant, the Helix Short offers solutions for different bone types. Features built into its design include:

- Body design for progressive stability;
- Single trapezoidal threads;
- Apically tapered: apex for increased mechanical stability;
- Because every millimeter matters, a wide range of lengths:





THE HELIX SHORT CONNECTION: A STABLE FOUNDATION FOR CHALLENGING REHABILITATIONS

Built upon a new prosthetic platform, the Helix Short connection was designed in conjunction with a transmucosal collar to allow a deep internal connection as a stable foundation for the system - even when using a short implant. Its unique connection, regardless of the implant diameter, provides:

1. Wide cone on top for optimized occlusal forces distribution.
2. Internal indexation for easy handling and precise abutment positioning.

ACQUA HYDROFILIC SURFACES AND TREATMENT PREDICTABILITY[9-11]

The Neodent® Acqua hydrophilic surface is the next level of the highly successful S.L.A. surface. It was developed to reach expected results outcomes even in the most challenging patient cases, such as soft bone or immediate protocols.[8-11]

תמיד לשירותך

משפחת ה.א שיטות

מנהלי תיקי לקוחות



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אזור צפון

מטה מכירות משרד (שתלים + רגנרציה)



שולי נער
03-6138777
054-2525435



נטלי רינק
03-6138777
054-3196860



רינת גורביץ
03-6138777
054-9094420



מאיה פוחס
03-6138777
054-2515271

תמיכה מקצועית



טניה ניצ'ק
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רפרנטית גבייה והנה"ח



דריה ברל
050-9022467
מנהלת יזע ורגולציה

תמיכה במעבדות שיניים
ושיקום על גביי שתלים
054-2525419

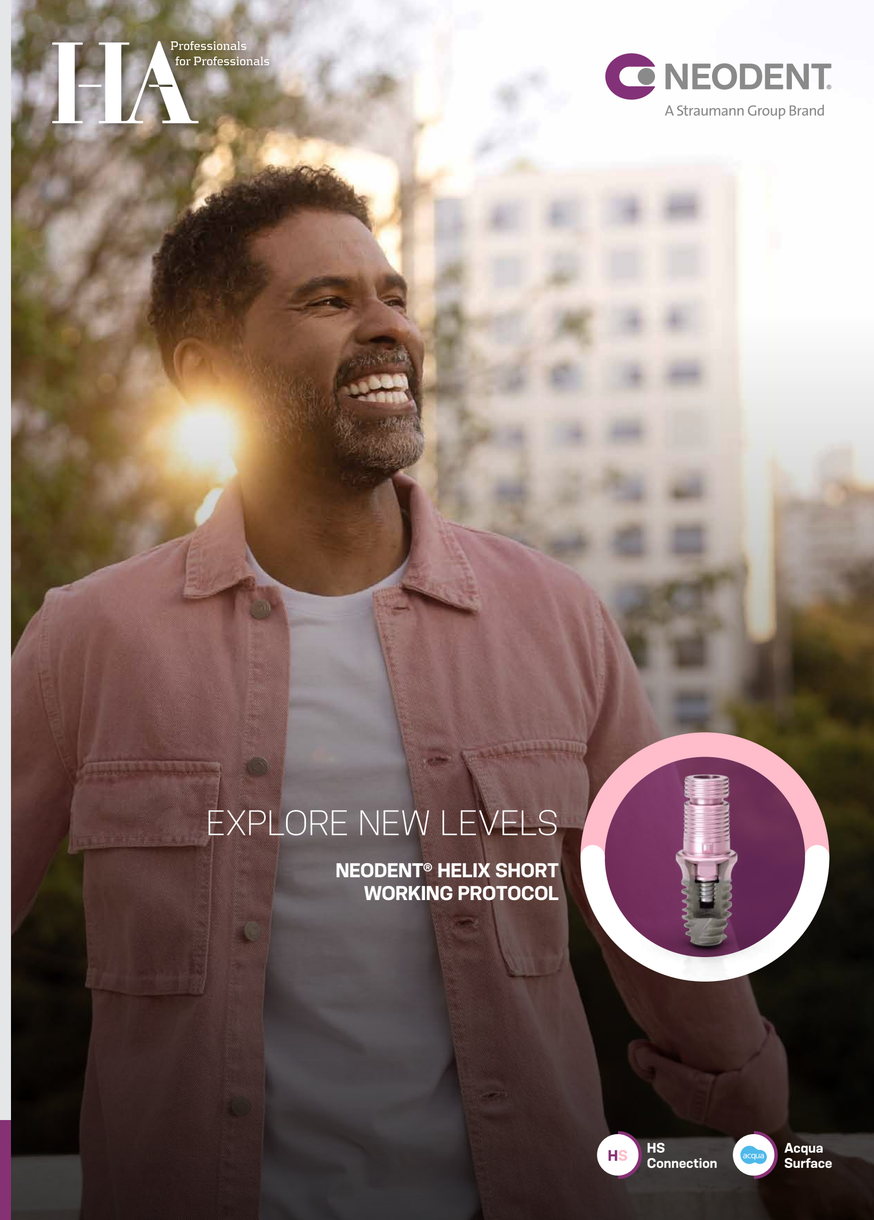
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NEODENT
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EXPLORE NEW LEVELS

NEODENT® HELIX SHORT WORKING PROTOCOL

HS HS Connection

acqua Acqua Surface

Surgical working protocol

IMPLANT



	Ø 3.75	Ø 4.0	Ø 5.0	Ø 6.0	Ø 7.0
4 mm	140.1082	140.1066	140.1070	140.1074	140.1078
5.5 mm	140.1083	140.1067	140.1071	140.1075	140.1079
7 mm	140.1084	140.1068	140.1072	140.1076	140.1080
8.5 mm	140.1085	140.1069	140.1073	140.1077	140.1081

KIT



Helix Short Surgical Kit
110.318 Pre-mounted

DRILLING SEQUENCE

Implant diameter	Bone types	Twist Ø 2.0 103.621	Cylindrical Ø 2.7 103.597	Conical Ø 3.75 103.607	Conical Ø 3.75+ 103.608	Conical Ø 4.0 103.598	Conical Ø 4.0+ 103.599	Conical Ø 5.0 103.600	Conical Ø 5.0+ 103.601	Conical Ø 6.0 103.602	Conical Ø 6.0+ 103.603	Conical Ø 7.0 103.604	Conical Ø 7.0+ 103.605	Bone Profile 103.606
3.75	I/II	•	✓	✓	✓									•
	III/IV	•	✓	✓										
4.0	I/II	•	✓	•		✓	✓							•
	III/IV	•	✓	•		✓								
5.0	I/II	•	✓	•		✓		✓	✓					•
	III/IV	•	✓	•		✓		✓						
6.0	I/II	•	✓	•		✓		✓		✓	✓			
	III/IV	•	✓	•		✓		✓		✓				
7.0	I/II	•	✓	•		✓		✓		✓		✓	✓	
	III/IV	•	✓	•		✓		✓		✓		✓		

✓ Recommended sequence
* Optional

DRILL STOPS

Drill Stops



125.181 4.0 Drill Stop Ø 2.0 / 2.7 / 3.75 / 4.0	125.185 4.0 Drill Stop Ø 5.0	125.189 4.0 Drill Stop Ø 6.0 / 7.0
125.182 5.5 Drill Stop Ø 2.0 / 2.7 / 3.75 / 4.0	125.186 5.5 Drill Stop Ø 5.0	125.190 5.5 Drill Stop Ø 6.0 / 7.0
125.183 7.0 Drill Stop Ø 2.0 / 2.7 / 3.75 / 4.0	125.187 7.0 Drill Stop Ø 5.0	125.191 7.0 Drill Stop Ø 6.0 / 7.0
125.184 8.5 Drill Stop Ø 2.0 / 2.7 / 3.75 / 4.0	125.188 8.5 Drill Stop Ø 5.0	125.192 8.5 Drill Stop Ø 6.0 / 7.0

X-RAY POSITIONER / DIRECTION INDICATOR



HS X-ray Positioner / Direction Indicator 2.7/3.75
128.039

DRIVERS & TORQUE WRENCH



HS Implant Driver-Contra-Angle
105.153

HS Implant Driver-Torque Wrench (short)
105.154

HS Implant Driver-Torque Wrench
105.155



Torque Wrench
104.050

COVER SCREW



HS Cover Screw
117.025



Neo Screw Driver Manual
104.058 Short
104.060 Medium
104.072 Long

HEALING ABUTMENTS



HS Healing Abutment 1.5 / 2.5
106.270



HS Healing Abutment 1.5 / 2.5 / 3.5 / 4.5 / 5.5
106.273



Neo Screw Driver Manual
104.058 Short
104.060 Medium
104.072 Long

SURGICAL ACCESSORY



HS Height Measurer
128.038

Prosthetic working protocol

Screw/Cement Retained Solution | Single-Unit | Implant Level

ABUTMENT SELECTION

HS Titanium Base for Crown Ø 4.5

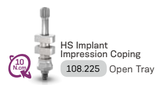


Transmucosal hights	
0.2	135.424
1.5	135.425
2.5	135.426
3.5	135.427

IMPRESSION / SCANNING



HS Implant Scanbody
108.226



HS Implant Impression Coping
108.225 Open Tray

MODEL PRODUCTION



HS Hybrid Repositionable Analog
101.108

MODEL SCANNING



HS Implant Scanbody
108.226

PROVISIONAL

HS Temporary Abutment for Crown



Perfil	
0.2	118.387
1.5	118.388
2.5	118.389
3.5	118.390

FINAL RESTORATION

Titanium Base Burn-out Coping



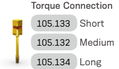
4.0	118.325
6.0	118.327

SCREWS



HS Screws
116.296 Neo
116.297 Working
116.298 Neotorque

DRIVERS



Neo Screwdriver Torque Connection
105.133 Short
105.132 Medium
105.134 Long

Neo Screwdriver Torque Connection – Contra-angle
105.146 Short
105.135 Medium
105.136 Long

Screw Retained Solution | Multi-Unit | Implant Level

ABUTMENT SELECTION

HS Titanium Base for Bridge Ø 4.8



Transmucosal hights	
0.2	135.428
1.5	135.429
2.5	135.430
3.5	135.431

PROVISIONAL

HS Temporary Abutment for Bridge



Perfil	
0.2	118.383
1.5	118.384
2.5	118.385
3.5	118.386

FINAL RESTORATION

CAD/CAM



Prosthetic working protocol

Screw Retained Solutions | Multi-Unit | Abutment Level

ABUTMENT SELECTION

HS Mini Conical Abutment



Transmucosal hights	
0.2	115.291
1.5	115.292
2.5	115.293
3.5	115.294
4.5	115.295

HS Mini Conical Abutment 17°



Transmucosal hights	
0.6	115.296
1.5	115.297
2.5	115.298
3.5	115.299

ANGLE MEASURER



HS Angle Measurer 17°
128.037

IMPRESSION / SCANNING



Mini Conical Abutment Scanbody
108.218



Slim Mini Conical Abutment Open Tray Impression Coping
108.176

PROVISIONAL



Neo Mini Conical Abutment Titanium Coping
118.302



Neo Mini Conical Abutment Protection Cylinder
106.268

MODEL PRODUCTION



Mini Conical Abutment Analog
101.092 Hybrid Repositionable (conventional/digital)

FINAL RESTORATION



Neo Mini Conical Abutment CoCr Coping
118.303



Neo Mini Conical Abutment Burn-out Coping
118.301



Neo Mini Conical Abutment One Step Hybrid Coping
118.382

SCREWS AND POLISHING PROTECTORS



Mini Conical Abutment Polishing Protector
123.008

Neo Mini Conical Abutment Coping Screw



116.270 Neotorque

DRIVERS

Hexagonal Prosthetic driver



105.137 105.138

Neo Screwdriver Torque Wrench

105.133 Short
105.132 Medium
105.134 Long

Neo Screwdriver Torque Connection – Contra-angle

105.146 Short
105.135 Medium
105.136 Long

Overdenture

HS TIN Attachment

Transmucosal hights	
0.2	102.245
1.5	102.246
2.5	102.247
3.5	102.248

Impression Coping 4 units

2010.722-NOV

Model Analog
2010.721-NOV

Model Analog 15°
2010.720-NOV

Processing Collar
2010.724-NOV

Matrix Housing (including Processing Spacer)

Extended 2010.703-NOV
Titanium 2010.701-NOV
PEEK 2010.702-NOV

Retention Insert

Red (approx. 300 g) 2010.710-NOV
Green (approx. 1650 g) 2010.713-NOV
White (approx. 750 g) 2010.711-NOV
Blue (approx. 2100 g) 2010.714-NOV
Yellow (approx. 1200 g) 2010.712-NOV
Black (approx. 2550 g) 2010.715-NOV

Drivers

Torque Wrench + Neo Screwdriver Torque Connection

Accessories

Equipment Box
2010.101-NOV

Matrix Housing Extraction Instrument
2010.751-NOV

Block Out Spacer
2010.723-NOV

Retention Insert Instrument
2010.741-NOV

Processing Insert
2010.725-NOV

Processing Insert Removal Instrument
2010.731-NOV