

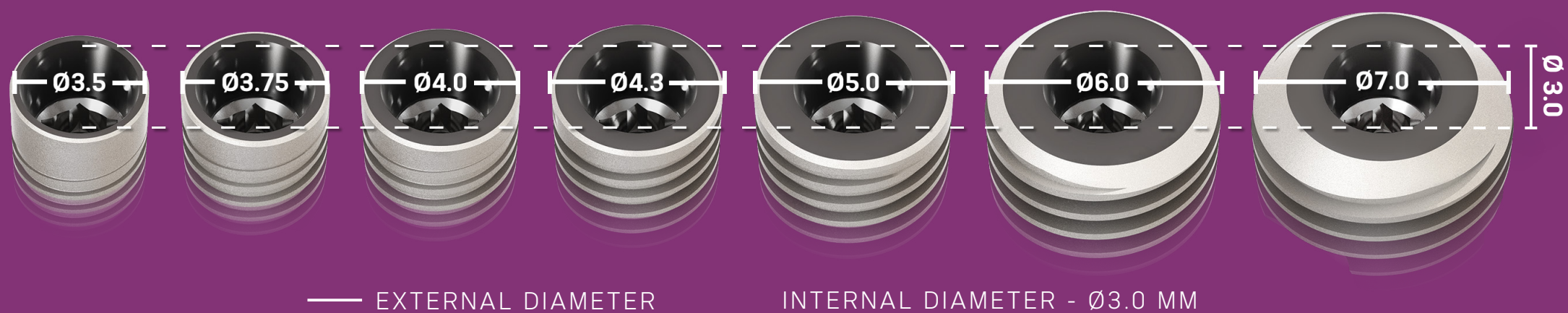


# Grand Morse<sup>®</sup> Implant System

TECH SPECS BOOKLET

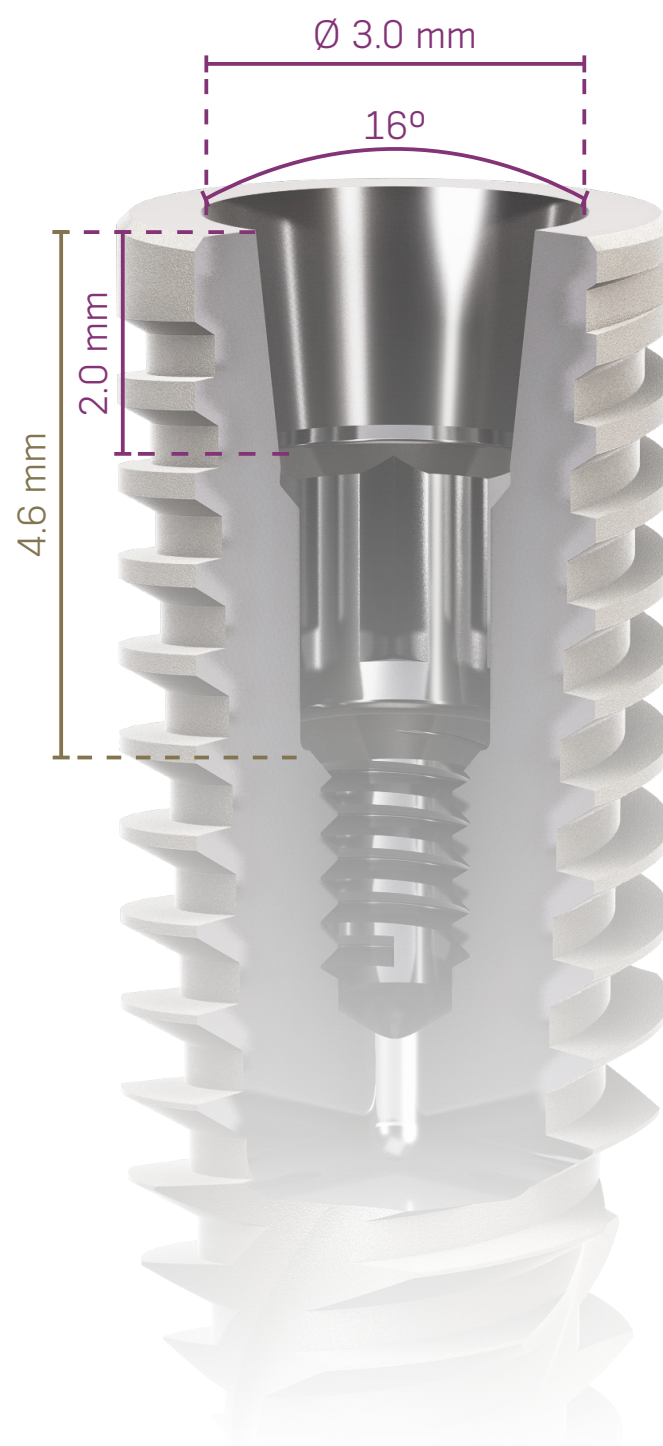
 **NEODENT<sup>®</sup>**  
A Straumann Group Brand

## GRAND MORSE® CONNECTION



All Neodent® Grand Morse® implants feature the unique Grand Morse® connection regardless of the implant diameter.

|                 |        |
|-----------------|--------|
| INDEX EXACT     | 4.6 mm |
| CONICAL PORTION | 2.0 mm |



## HELIX GM

|       | 8.0 | 10.0 | 11.5 | 13.0 | 16.0 | 18.0 |      | 8.0 | 10.0 | 11.5 | 13.0 | 16.0 | 18.0 |
|-------|-----|------|------|------|------|------|------|-----|------|------|------|------|------|
| Ø3.5  |     |      |      |      |      |      | Ø5.0 |     |      |      |      |      |      |
| Ø3.75 |     |      |      |      |      |      | Ø6.0 |     |      |      |      |      |      |
| Ø4.0  |     |      |      |      |      |      | Ø7.0 |     |      |      |      |      |      |
| Ø4.3  |     |      |      |      |      |      |      |     |      |      |      |      |      |

## HELIX GM LONG

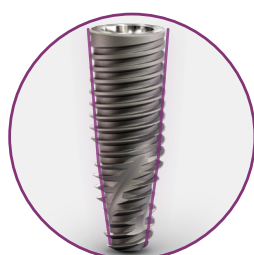
|       | 20.0 | 22.5 | 25.0 |
|-------|------|------|------|
| Ø3.75 |      |      |      |
| Ø4.0  |      |      |      |



### DYNAMIC PROGRESSIVE THREAD DESIGN

- Coronal: Trapezoidal > Compressing
- Apex: V-Shape > Self-tapping

» Designed to achieve high primary stability



### FULLY TAPERED BODY DESIGN

- Coronal: 2° - 12°
- Apex: 16°

» Allows under prepping of the osteotomy



### HYBRID CONTOUR

- Coronal: Cylindrical
- Apex: Conical

» For stability with vertical placement flexibility



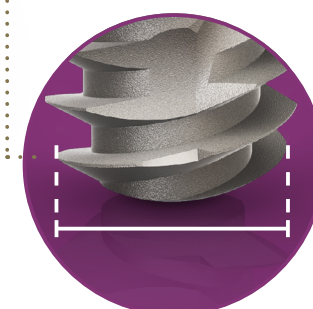
### ACTIVE APEX

- Soft rounded small tip
- Helical flutes

» Enable immediate loading\*



|       | APEX CORE | APEX DIAMETER |
|-------|-----------|---------------|
| Ø3.5  | Ø1.5      | Ø2.2          |
| Ø3.75 | Ø1.5      | Ø2.4          |
| Ø4.0  | Ø1.6      | Ø2.6          |
| Ø4.3  | Ø1.6      | Ø2.7          |
| Ø5.0  | Ø2.0      | Ø3.2          |
| Ø6.0  | Ø3.1      | Ø4.6          |
| Ø7.0  | Ø3.9      | Ø5.4          |

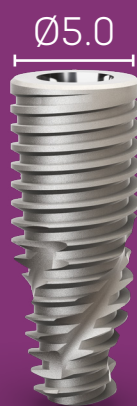


\*For immediate load application, the primary stability must be at least 35 N.cm and the patient must present with physiological occlusion.

## HELIX GM



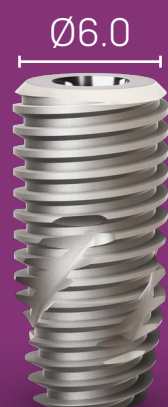
|      |                     |
|------|---------------------|
| 8.0  | 150 mm <sup>2</sup> |
| 10.0 | 180 mm <sup>2</sup> |
| 11.5 | 205 mm <sup>2</sup> |
| 13.0 | 229 mm <sup>2</sup> |
| 16.0 | 278 mm <sup>2</sup> |
| 18.0 | 311 mm <sup>2</sup> |



|      |                     |
|------|---------------------|
| 8.0  | 213 mm <sup>2</sup> |
| 10.0 | 256 mm <sup>2</sup> |
| 11.5 | 288 mm <sup>2</sup> |
| 13.0 | 325 mm <sup>2</sup> |
| 16.0 | 402 mm <sup>2</sup> |
| 18.0 | 453 mm <sup>2</sup> |



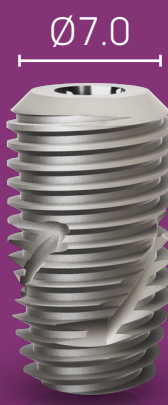
|      |                     |
|------|---------------------|
| 8.0  | 162 mm <sup>2</sup> |
| 10.0 | 195 mm <sup>2</sup> |
| 11.5 | 222 mm <sup>2</sup> |
| 13.0 | 228 mm <sup>2</sup> |
| 16.0 | 305 mm <sup>2</sup> |
| 18.0 | 342 mm <sup>2</sup> |



|      |                     |
|------|---------------------|
| 8.0  | 285 mm <sup>2</sup> |
| 10.0 | 346 mm <sup>2</sup> |
| 11.5 | 390 mm <sup>2</sup> |
| 13.0 | 439 mm <sup>2</sup> |



|      |                     |
|------|---------------------|
| 8.0  | 169 mm <sup>2</sup> |
| 10.0 | 205 mm <sup>2</sup> |
| 11.5 | 234 mm <sup>2</sup> |
| 13.0 | 263 mm <sup>2</sup> |
| 16.0 | 324 mm <sup>2</sup> |
| 18.0 | 363 mm <sup>2</sup> |

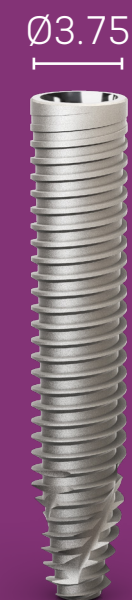


|      |                     |
|------|---------------------|
| 8.0  | 338 mm <sup>2</sup> |
| 10.0 | 412 mm <sup>2</sup> |
| 11.5 | 468 mm <sup>2</sup> |
| 13.0 | 529 mm <sup>2</sup> |

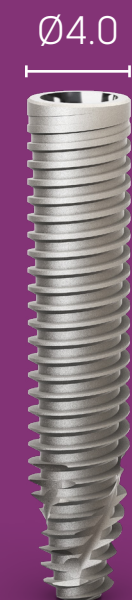


|      |                     |
|------|---------------------|
| 8.0  | 187 mm <sup>2</sup> |
| 10.0 | 225 mm <sup>2</sup> |
| 11.5 | 253 mm <sup>2</sup> |
| 13.0 | 286 mm <sup>2</sup> |
| 16.0 | 353 mm <sup>2</sup> |
| 18.0 | 397 mm <sup>2</sup> |

## HELIX GM LONG



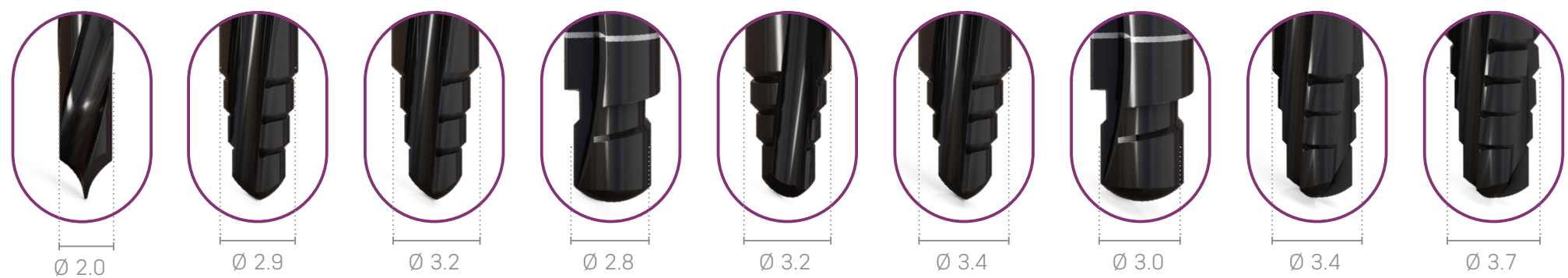
|      |                     |
|------|---------------------|
| 20.0 | 380 mm <sup>2</sup> |
| 22.5 | 427 mm <sup>2</sup> |
| 25.0 | 472 mm <sup>2</sup> |



|      |                     |
|------|---------------------|
| 20.0 | 408 mm <sup>2</sup> |
| 22.5 | 457 mm <sup>2</sup> |
| 25.0 | 508 mm <sup>2</sup> |



|                  |       |       |        |       |        |         |        |       |        |
|------------------|-------|-------|--------|-------|--------|---------|--------|-------|--------|
| NOMINAL DIAMETER | Ø 2.0 | Ø 3.5 | Ø 3.5+ | Ø 3.5 | Ø 3.75 | Ø 3.75+ | Ø 3.75 | Ø 4.0 | Ø 4.0+ |
| DRILL DIAMETER   | 2.0   | 2.9   | 3.2    | 2.8   | 3.2    | 3.4     | 3.0    | 3.4   | 3.7    |
| TIP DIAMETER     | 2.0   | 2.0   | 2.0    | -     | 2.0    | 2.0     | -      | 2.4   | 2.4    |

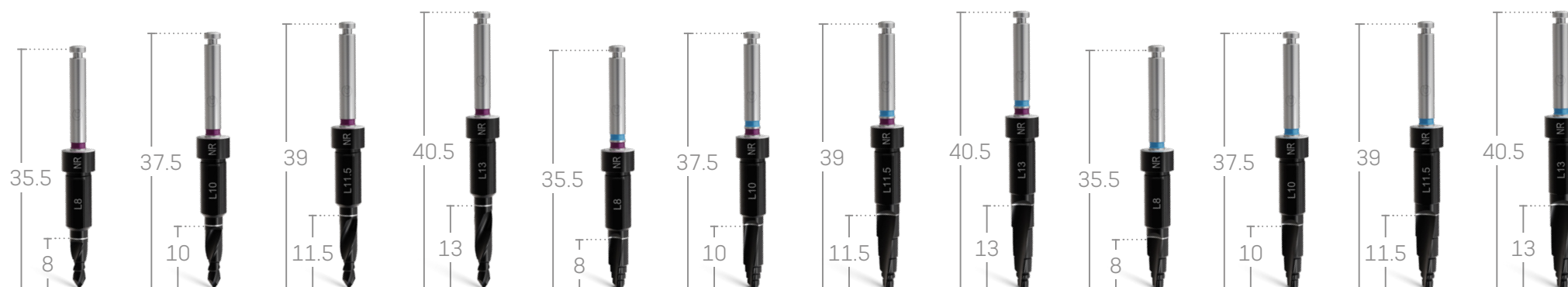


|                  |       |       |        |       |       |        |       |       |       |
|------------------|-------|-------|--------|-------|-------|--------|-------|-------|-------|
| NOMINAL DIAMETER | Ø 4.0 | Ø 4.3 | Ø 4.3+ | Ø 4.3 | Ø 5.0 | Ø 5.0+ | Ø 5.0 | Ø 6.0 | Ø 7.0 |
| DRILL DIAMETER   | 3.3   | 3.6   | 4.0    | 3.5   | 4.2   | 4.6    | 4.1   | 5.2   | 6.1   |
| TIP DIAMETER     | -     | 2.4   | 2.4    | -     | 2.8   | 2.8    | -     | 3.7   | 4.6   |





NARROW  
REGULAR

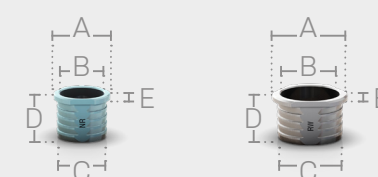


|                  |       |       |       |       |              |              |              |              |        |        |        |        |
|------------------|-------|-------|-------|-------|--------------|--------------|--------------|--------------|--------|--------|--------|--------|
| NOMINAL DIAMETER | Ø 3.5 | Ø 3.5 | Ø 3.5 | Ø 3.5 | Ø 3.5   3.75 | Ø 3.5   3.75 | Ø 3.5   3.75 | Ø 3.5   3.75 | Ø 3.75 | Ø 3.75 | Ø 3.75 | Ø 3.75 |
| ACTIVE DIAMETER  | 2.7   | 2.7   | 2.7   | 2.7   | 3.1          | 3.1          | 3.5          | 3.5          | 3.3    | 3.3    | 3.7    | 3.7    |
| ACTIVE LENGTH    | 8     | 10    | 11.5  | 13    | 8            | 10           | 11.5         | 13           | 8      | 10     | 11.5   | 13     |



#### EASYGUIDE SLEEVES

|                   | INDICATION        | (A)<br>STOP<br>DIAMETER | (B)<br>INTERNAL<br>DIAMETER | (C)<br>BODY<br>DIAMETER | (D)<br>HEIGHT | (E)<br>SHOULDER<br>HEIGHT |
|-------------------|-------------------|-------------------------|-----------------------------|-------------------------|---------------|---------------------------|
| NARROW<br>REGULAR | Ø 3.5   3.8       | 5.0                     | 3.9                         | 4.5                     | 4             | 0.5                       |
| REGULAR<br>WIDE   | Ø 4.0   4.3   5.0 | 6.7                     | 5.2                         | 5.8                     | 4.5           | 0.5                       |



|                  |     |
|------------------|-----|
| NOMINAL DIAMETER | -   |
| ACTIVE DIAMETER  | 2.0 |
| ACTIVE LENGTH    | 6   |



PALATAL  
SETTER



PALATAL  
SETTER  
DRILL



PALATAL  
SETTER  
SLEEVE



GUIDE  
PLACEMENT  
DRILL



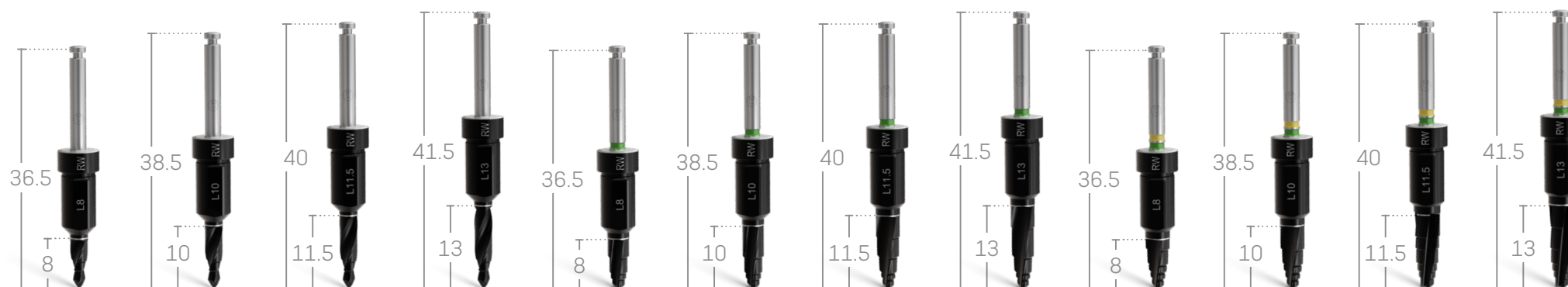
GUIDE  
CLAMP



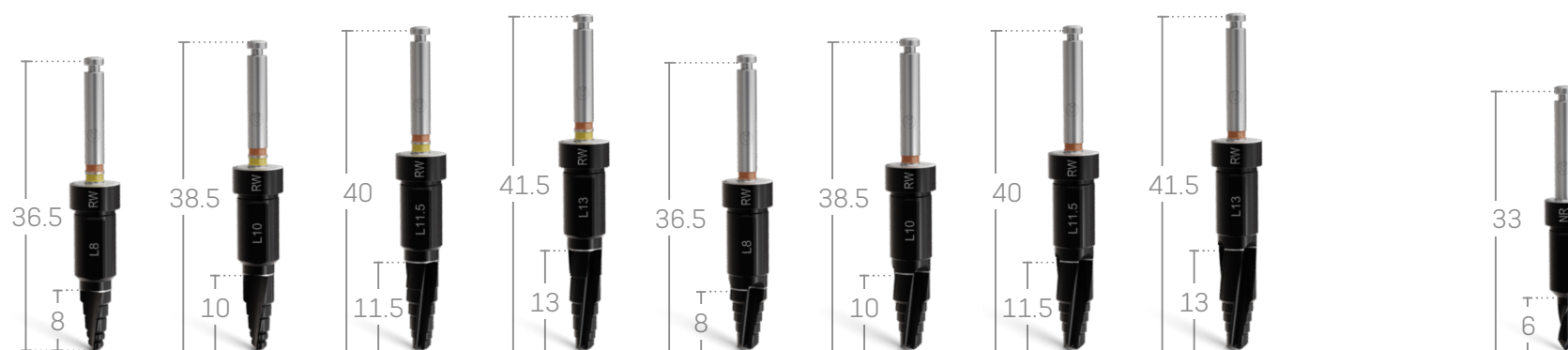
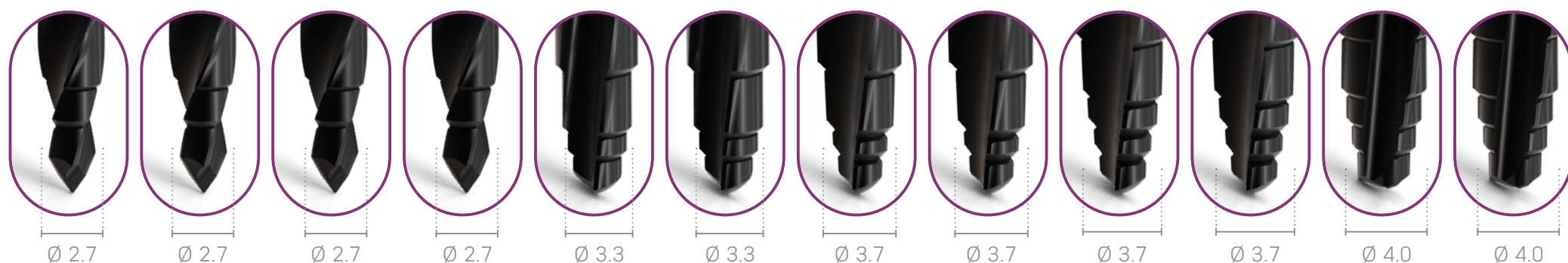
GUIDE  
CLAMP  
SLEEVE



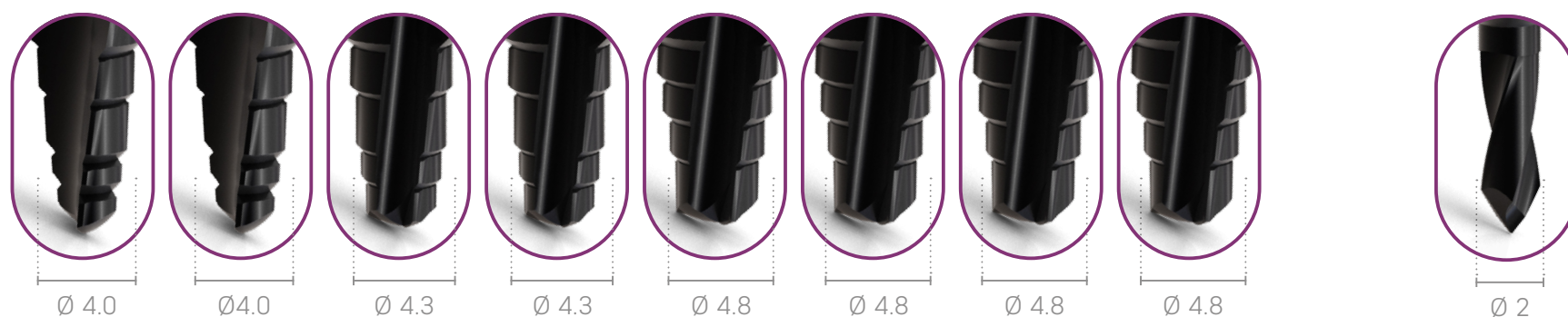
REGULAR  
WIDE



|                  |      |      |      |      |      |      |      |      |         |         |         |         |
|------------------|------|------|------|------|------|------|------|------|---------|---------|---------|---------|
| NOMINAL DIAMETER | Ø3.5 | Ø3.5 | Ø3.5 | Ø3.5 | Ø4.0 | Ø4.0 | Ø4.0 | Ø4.0 | Ø4.0 43 | Ø4.0 43 | Ø4.0 43 | Ø4.0 43 |
| ACTIVE DIAMETER  | 2.7  | 2.7  | 2.7  | 2.7  | 3.3  | 3.3  | 3.7  | 3.7  | 3.7     | 3.7     | 4.0     | 4.0     |
| ACTIVE LENGTH    | 8    | 10   | 11.5 | 13   | 8    | 10   | 11.5 | 13   | 8       | 10      | 11.5    | 13      |



|                  |        |        |        |        |      |      |      |      |
|------------------|--------|--------|--------|--------|------|------|------|------|
| NOMINAL DIAMETER | Ø43 50 | Ø43 50 | Ø43 50 | Ø43 50 | Ø5.0 | Ø5.0 | Ø5.0 | Ø5.0 |
| ACTIVE DIAMETER  | 4.0    | 4.0    | 4.3    | 4.3    | 4.8  | 4.8  | 4.8  | 4.8  |
| ACTIVE LENGTH    | 8      | 10     | 11.5   | 13     | 8    | 10   | 11.5 | 13   |



**Neodent**  
easyguide

Neodent® EasyGuide offers a straightforward guided surgery technique with one-hand procedures, featuring special drills with a unique design, combined with the versatility of the Helix® GM implant.

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