

# Helix

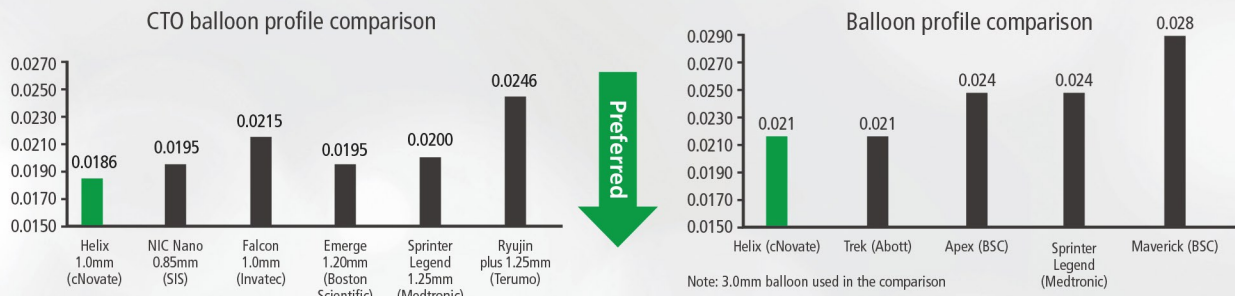
## Balloon Dilatation Catheter

- ⦿ Well controlled Semi-Compliant
- ⦿ Both Ø1.0mm and Ø1.25mm available
- ⦿ Extremely low profile, folded balloon even smaller than the shaft!
- ⦿ Powerful crossability and pushability for the most complex CTO lesions
- ⦿ A tapered & balance tip enhances the ability of crossing and re-crossing
- ⦿ 6F guiding catheter "KISSING" compatible
- ⦿ Advanced hydrophilic coating

### TECHNICAL SPECIFICATION

|                                      |                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Prox Shaft OD                        | 1.9F                                                                                                        |
| Distal Shaft OD                      | 2.36F(ø1.0–1.75mm) 2.55F(ø2.0 – 3.0mm) 2.7F(ø3.25 – 4.0mm)                                                  |
| Balloon Material                     | Property Pebax                                                                                              |
| Balloon Pleats                       | 2 folds/3 folds                                                                                             |
| Compliance                           | Semi-Compliant                                                                                              |
| Nominal Pressure                     | 6 atm                                                                                                       |
| Rated Burst Pressure                 | 14 atm                                                                                                      |
| Mean Burst Pressure                  | 20 atm                                                                                                      |
| Tip Crossing Profile (entry profile) | 0.016"                                                                                                      |
| Tip length                           | 1.5/2.0/2.5mm                                                                                               |
| Marker Bands                         | 2 Pt/Ir markers (Note: 1 marker for 1.0–1.75mm balloons only)                                               |
| Balloon Diameters (mm)               | 1.0 – 4.0mm (1/4 size up)                                                                                   |
| Balloon Lengths (mm)                 | 5, 8, 10, 12, 15, 20, 25, 30                                                                                |
| Coating                              | Glide™ Hydrophilic from tip to adjacent guidewire port (Outer surface)<br>Fast™ coating for guidewire lumen |

## Superb Crossing Profile for Easy Navigation through the Most Complex Lesions



## ORDER INFORMATION

| Catalog No. | Balloon Size  | Catalog No. | Balloon Size  | Catalog No. | Balloon Size  |
|-------------|---------------|-------------|---------------|-------------|---------------|
| 801-1005    | Φ 1.0 x 5mm   | 801-2012    | Φ 2.0 x 12mm  | 801-3025    | Φ 3.0 x 25mm  |
| 801-1008    | Φ 1.0 x 8mm   | 801-2015    | Φ 2.0 x 15mm  | 801-3030    | Φ 3.0 x 30mm  |
| 801-1010    | Φ 1.0 x 10mm  | 801-2020    | Φ 2.0 x 20mm  | 801-3205    | Φ 3.25 x 5mm  |
| 801-1012    | Φ 1.0 x 12mm  | 801-2025    | Φ 2.0 x 25mm  | 801-3208    | Φ 3.25 x 8mm  |
| 801-1015    | Φ 1.0 x 15mm  | 801-2030    | Φ 2.0 x 30mm  | 801-3210    | Φ 3.25 x 10mm |
| 801-1020    | Φ 1.0 x 20mm  | 801-2205    | Φ 2.25 x 5mm  | 801-3212    | Φ 3.25 x 12mm |
| 801-1025    | Φ 1.0 x 25mm  | 801-2208    | Φ 2.25 x 8mm  | 801-3215    | Φ 3.25 x 15mm |
| 801-1030    | Φ 1.0 x 30mm  | 801-2210    | Φ 2.25 x 10mm | 801-3220    | Φ 3.25 x 20mm |
| 801-1205    | Φ 1.25 x 5mm  | 801-2212    | Φ 2.25 x 12mm | 801-3225    | Φ 3.25 x 25mm |
| 801-1208    | Φ 1.25 x 8mm  | 801-2215    | Φ 2.25 x 15mm | 801-3230    | Φ 3.25 x 30mm |
| 801-1210    | Φ 1.25 x 10mm | 801-2220    | Φ 2.25 x 20mm | 801-3505    | Φ 3.5 x 5mm   |
| 801-1212    | Φ 1.25 x 12mm | 801-2225    | Φ 2.25 x 25mm | 801-3508    | Φ 3.5 x 8mm   |
| 801-1215    | Φ 1.25 x 15mm | 801-2230    | Φ 2.25 x 30mm | 801-3510    | Φ 3.5 x 10mm  |
| 801-1220    | Φ 1.25 x 20mm | 801-2505    | Φ 2.5 x 5mm   | 801-3512    | Φ 3.5 x 12mm  |
| 801-1225    | Φ 1.25 x 25mm | 801-2508    | Φ 2.5 x 8mm   | 801-3515    | Φ 3.5 x 15mm  |
| 801-1230    | Φ 1.25 x 30mm | 801-2510    | Φ 2.5 x 10mm  | 801-3520    | Φ 3.5 x 20mm  |
| 801-1505    | Φ 1.5 x 5mm   | 801-2512    | Φ 2.5 x 12mm  | 801-3525    | Φ 3.5 x 25mm  |
| 801-1508    | Φ 1.5 x 8mm   | 801-2515    | Φ 2.5 x 15mm  | 801-3530    | Φ 3.5 x 30mm  |
| 801-1510    | Φ 1.5 x 10mm  | 801-2520    | Φ 2.5 x 20mm  | 801-3705    | Φ 3.75 x 5mm  |
| 801-1512    | Φ 1.5 x 12mm  | 801-2525    | Φ 2.5 x 25mm  | 801-3708    | Φ 3.75 x 8mm  |
| 801-1515    | Φ 1.5 x 15mm  | 801-2530    | Φ 2.5 x 30mm  | 801-3710    | Φ 3.75 x 10mm |
| 801-1520    | Φ 1.5 x 20mm  | 801-2705    | Φ 2.75 x 5mm  | 801-3712    | Φ 3.75 x 12mm |
| 801-1525    | Φ 1.5 x 25mm  | 801-2708    | Φ 2.75 x 8mm  | 801-3715    | Φ 3.75 x 15mm |
| 801-1530    | Φ 1.5 x 30mm  | 801-2710    | Φ 2.75 x 10mm | 801-3720    | Φ 3.75 x 20mm |
| 801-1705    | Φ 1.75 x 5mm  | 801-2712    | Φ 2.75 x 12mm | 801-3725    | Φ 3.75 x 25mm |
| 801-1708    | Φ 1.75 x 8mm  | 801-2715    | Φ 2.75 x 15mm | 801-3730    | Φ 3.75 x 30mm |
| 801-1710    | Φ 1.75 x 10mm | 801-2720    | Φ 2.75 x 20mm | 801-4005    | Φ 4.0 x 5mm   |
| 801-1712    | Φ 1.75 x 12mm | 801-2725    | Φ 2.75 x 25mm | 801-4008    | Φ 4.0 x 8mm   |
| 801-1715    | Φ 1.75 x 15mm | 801-2730    | Φ 2.75 x 30mm | 801-4010    | Φ 4.0 x 10mm  |
| 801-1720    | Φ 1.75 x 20mm | 801-3005    | Φ 3.0 x 5mm   | 801-4012    | Φ 4.0 x 12mm  |
| 801-1725    | Φ 1.75 x 25mm | 801-3008    | Φ 3.0 x 8mm   | 801-4015    | Φ 4.0 x 15mm  |
| 801-1730    | Φ 1.75 x 30mm | 801-3010    | Φ 3.0 x 10mm  | 801-4020    | Φ 4.0 x 20mm  |
| 801-2005    | Φ 2.0 x 5mm   | 801-3012    | Φ 3.0 x 12mm  | 801-4025    | Φ 4.0 x 25mm  |
| 801-2008    | Φ 2.0 x 8mm   | 801-3015    | Φ 3.0 x 15mm  | 801-4030    | Φ 4.0 x 30mm  |
| 801-2010    | Φ 2.0 x 10mm  | 801-3020    | Φ 3.0 x 20mm  | ----        | ----          |

## COMPLIANCE CHART

| PRESSURE (atm) | 1.0mm | 1.25mm | 1.5mm | 1.75mm | 2.0mm | 2.25mm | 2.5mm | 2.75mm | 3.0 mm | 3.25mm | 3.5 mm | 3.75mm | 4.0 mm |
|----------------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| 2              | 0.90  | 1.15   | 1.40  | 1.65   | 1.87  | 2.15   | 2.36  | 2.60   | 2.82   | 3.05   | 3.30   | 3.52   | 3.78   |
| 4              | 0.95  | 1.20   | 1.45  | 1.70   | 1.94  | 2.20   | 2.45  | 2.67   | 2.91   | 3.15   | 3.40   | 3.63   | 3.90   |
| 6 NOM          | 1.00  | 1.25   | 1.50  | 1.75   | 2.00  | 2.25   | 2.50  | 2.75   | 3.00   | 3.25   | 3.50   | 3.75   | 4.00   |
| 8              | 1.05  | 1.30   | 1.55  | 1.80   | 2.05  | 2.35   | 2.57  | 2.85   | 3.10   | 3.35   | 3.63   | 3.87   | 4.13   |
| 10             | 1.10  | 1.35   | 1.60  | 1.85   | 2.11  | 2.40   | 2.64  | 2.95   | 3.18   | 3.45   | 3.74   | 3.99   | 4.25   |
| 12             | 1.15  | 1.40   | 1.65  | 1.90   | 2.19  | 2.50   | 2.71  | 3.00   | 3.27   | 3.55   | 3.85   | 4.11   | 4.35   |
| 14 RBP         | 1.20  | 1.45   | 1.70  | 1.95   | 2.25  | 2.55   | 2.80  | 3.05   | 3.35   | 3.65   | 3.95   | 4.22   | 4.45   |
| 16             | 1.23  | 1.50   | 1.75  | 2.00   | 2.32  | 2.60   | 2.85  | 3.15   | 3.45   | 3.75   | 4.05   | 4.35   | 4.58   |
| 18             | 1.25  | 1.55   | 1.80  | 2.05   | 2.38  | 2.68   | 2.93  | 3.25   | 3.55   | 3.85   | 4.15   | 4.46   | 4.68   |