

# THALIS Flex- Balloon Expandable Stent

## TECHNICAL SPECIFICATIONS

Description	Expandable Stent System Semi-Compliant OTW
Material	Cobalt Chromium alloy
Lengths	17 26 36 57 mm
Recommended Guidewire	0.018" (0.45 mm)
Recommended Introducer Sheath	5 F
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	Ø 5 to 7 = 18 bar   Ø 8 = 16 bar   Ø 9 to 10 = 13 bar
Working Catheter Length	80 cm   135 cm
X-ray Marker	One marker at proximal and distal end of balloon
Low Entry Profile	0.50 mm (0.020")
Balloon Material	Nylon
Hydrophilic Coating	400 mm distal

## ORDER INFORMATION

Usable catheter length 80 cm

Diameter (mm)	Stent Length (mm)   Balloon Length (mm)			
	17   20	26   30	36   40	57   60
5	50 TFX 17-08 5F	50 TFX 26-08 5F	50 TFX 36-08 5F	50 TFX 57-08 5F
6	60 TFX 17-08 5F	60 TFX 26-08 5F	60 TFX 36-08 5F	60 TFX 57-08 5F
7	70 TFX 17-08 5F	70 TFX 26-08 5F	70 TFX 36-08 5F	70 TFX 57-08 5F
8	80 TFX 17-08 5F	80 TFX 26-08 5F	80 TFX 36-08 5F	80 TFX 57-08 5F
9	90 TFX 17-08 5F	90 TFX 26-08 5F	90 TFX 36-08 5F	90 TFX 57-08 5F
10	100 TFX 17-08 5F	100 TFX 26-08 5F	100 TFX 36-08 5F	100 TFX 57-08 5F

Usable catheter length 135 cm

Diameter (mm)	Stent Length (mm)   Balloon Length (mm)			
	17   20	26   30	36   40	57   60
5	50 TFX 17-13 5F	50 TFX 26-13 5F	50 TFX 36-13 5F	50 TFX 57-13 5F
6	60 TFX 17-13 5F	60 TFX 26-13 5F	60 TFX 36-13 5F	60 TFX 57-13 5F
7	70 TFX 17-13 5F	70 TFX 26-13 5F	70 TFX 36-13 5F	70 TFX 57-13 5F
8	80 TFX 17-13 5F	80 TFX 26-13 5F	80 TFX 36-13 5F	80 TFX 57-13 5F
9	90 TFX 17-13 5F	90 TFX 26-13 5F	90 TFX 36-13 5F	90 TFX 57-13 5F
10	100 TFX 17-13 5F	100 TFX 26-13 5F	100 TFX 36-13 5F	100 TFX 57-13 5F



Our Micro-Invasive Strategy is focused on moving all devices to smaller profile and modified micro-lumen introduction to address clinical complications associated with access, port site entry, bleeding, and reentry with the potential to eliminate the need for closure devices and the integration of stenting and dilation procedures when possible.

### FEATURES

- > Reduce puncture site diameter
- > Minimal device profile  
All devices are 5F or smaller
- > Reducing the procedure time
- > Reducing thrombogenicity
- > Less complications

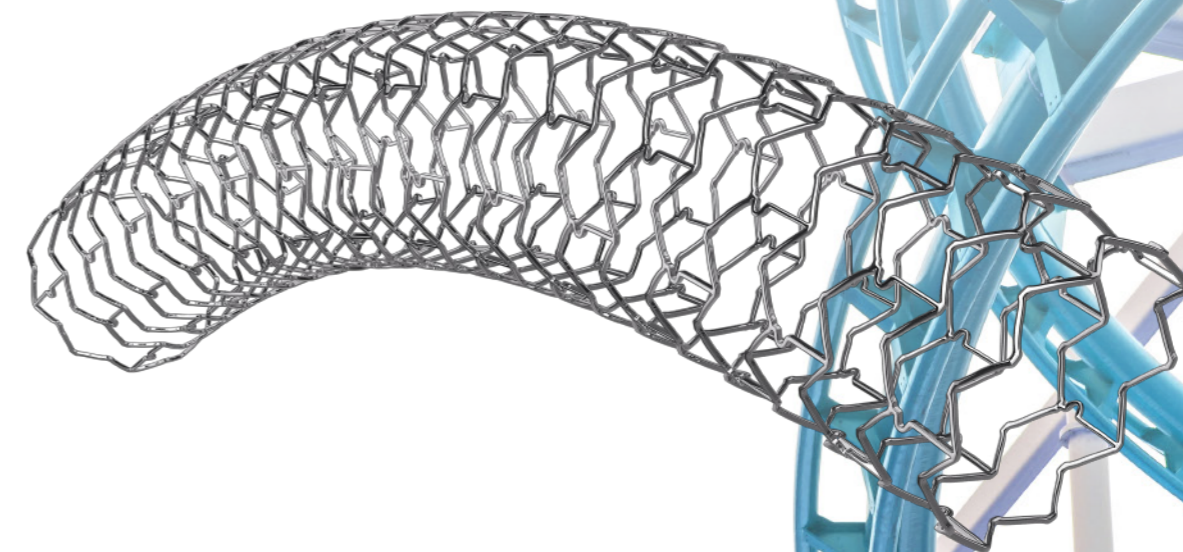
### OUTCOMES

- > Improve the results
- > Reduce the cost



»amg» International  
The Stent Company

# THALIS Flex- Balloon Expandable Stent



A flexible balloon expandable stent for easy deployment and precise placement

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Status  
June 2015  
PS THALISFlex-\_00  
Made in Germany

# THALIS<sup>Flex-</sup> Balloon Expandable Stent

The **THALIS<sup>FLEX</sup>** is a flexible, balloon expandable stent, made of cobalt chromium alloy.

It is designed using our Micro-Invasive Technology for peripheral vessel diameters from 5.0 mm to 10.0 mm. The THALIS<sup>FLEX</sup> is mounted on an 0.018 over-the-wire delivery system and is available in a full range of diameters and lengths.

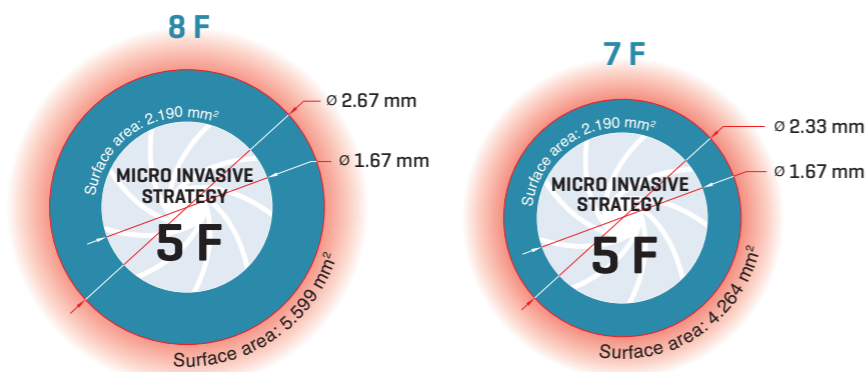
COMPLIANCE TABLE

Pressure (bar)	Stent Diameter (mm)					
	5	6	7	8	9	10
5	4.84	5.80	6.82	7.72	8.64	9.76
6	4.88	5.85	6.91	7.79	8.73	9.88
7	4.92	5.90	7.00	7.86	8.82	10.00
8	4.96	5.95	7.09	7.93	8.91	10.12
<b>9 NP</b>	<b>5.00</b>	<b>6.00</b>	<b>7.18</b>	<b>8.00</b>	<b>9.00</b>	<b>10.24</b>
10	5.04	6.05	7.27	8.07	9.09	10.36
11	5.08	6.10	7.36	8.14	9.18	10.48
12	5.12	6.15	7.45	8.21	9.27	10.60
<b>13 RBP</b>	5.16	6.20	7.54	8.28	<b>9.36</b>	<b>10.72</b>
14	5.20	6.25	7.63	8.35	-	-
15	5.24	6.30	7.72	8.42	-	-
<b>16 RBP</b>	5.28	6.35	7.81	<b>8.49</b>	-	-
17	5.32	6.40	7.90	-	-	-
<b>18 RBP</b>	<b>5.36</b>	<b>6.45</b>	<b>7.99</b>	-	-	-
Nominal pressure	9	9	9	9	9	9
RBP	18	18	18	16	13	13

The Peripheral Balloon Expandable Stent System provides a means of safely advancing the stent through the peripheral vessels to the desired location.

## KEY FEATURES

- ↪ 5F Introducer compatibility for all sizes
- ↪ Low crossing profile for all diameters
- ↪ Combination low shaft and tip entry profile
- ↪ Soft, tapered balloon tip for less trauma
- ↪ Flexible stent design
- ↪ High radial strength



## BENEFITS

- ↪ Simple to use
- ↪ Reduce puncture site diameter
- ↪ Easy deployment and precise placement
- ↪ Even and accurate stent expansion
- ↪ Good accessibility and high pushability across the peripheral vessels