

# Peripheral Balloon Expandable Stent System (QBX) 5 F

## 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	08 QBX 050175F	08 QBX 050265F	08 QBX 050365F	08 QBX 050575F
6	08 QBX 060175F	08 QBX 060265F	08 QBX 060365F	08 QBX 060575F
7	08 QBX 070175F	08 QBX 070265F	08 QBX 070365F	08 QBX 070575F
8	08 QBX 080175F	08 QBX 080265F	08 QBX 080365F	08 QBX 080575F
9	08 QBX 090175F	08 QBX 090265F	08 QBX 090365F	08 QBX 090575F
10	08 QBX 100175F	08 QBX 100265F	08 QBX 100365F	08 QBX 100575F

Usable catheter length **135 cm**

Diameter (mm)	Stent Length (mm)   Balloon Length (mm)			
	17   20	26   30	36   40	57   60
5	13 QBX 050175F	13 QBX 050265F	13 QBX 050365F	13 QBX 050575F
6	13 QBX 060175F	13 QBX 060265F	13 QBX 060365F	13 QBX 060575F
7	13 QBX 070175F	13 QBX 070265F	13 QBX 070365F	13 QBX 070575F
8	13 QBX 080175F	13 QBX 080265F	13 QBX 080365F	13 QBX 080575F
9	13 QBX 090175F	13 QBX 090265F	13 QBX 090365F	13 QBX 090575F
10	13 QBX 100175F	13 QBX 100265F	13 QBX 100365F	13 QBX 100575F



INVASIVE STRATEGY

Access through the radial, brachial, or femoral artery: Our Micro-Invasive Strategy is focused on reducing **Puncture Site Diameter (PSD)** and **Puncture Site Surface Area (PSSA)** by minimizing the device entry and crossing profiles to 5 F or less while maintaining device functionality. By reducing profile and maintaining functionality, **Vascular Access Site Complications (VASC's)** can be significantly reduced with the added potential to eliminate the need and cost associated with **Vascular Closure Devices (VCD's)**.

### CONCEPT

- > Reduce Puncture Site Diameter (PSD)
- > Reduce Puncture Site Surface Area (PSSA)
- > Minimize Device Profile
- > All devices are 5F or smaller
- > Maintain Device Functionality
- > Reduce Procedure Time
- > Improve Port Site Thrombogenicity
- > Reduce Complications

### BENEFITS

- > Improve Results
- > Reduce Patient Complications
- > Reduce Cost
- > Improve Patient Morbidity
- > Reduce Utilization of Vascular Closure Devices (VCD's)

CE 0124

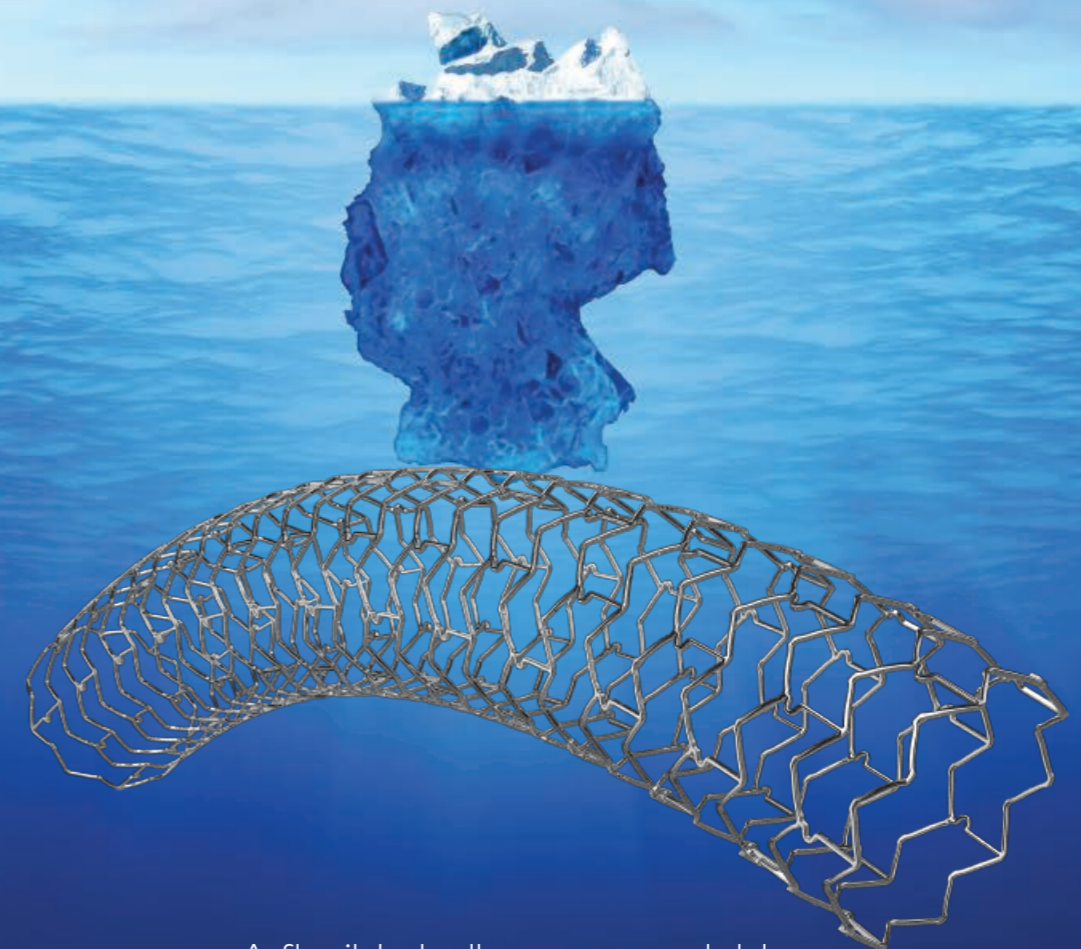


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Peripheral Vascular



# Peripheral Balloon Expandable Stent System (QBX) 5 F



A flexible balloon-expandable stent for easy deployment and precise placement



Regulatory Status  
CE Mark Approved



# Peripheral Balloon Expandable Stent System (QBX) 5 F

The QBX 5 F 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 QBX 5 F is mounted on an 0.018 over-the-wire delivery system and is available in a full range of diameters and lengths.

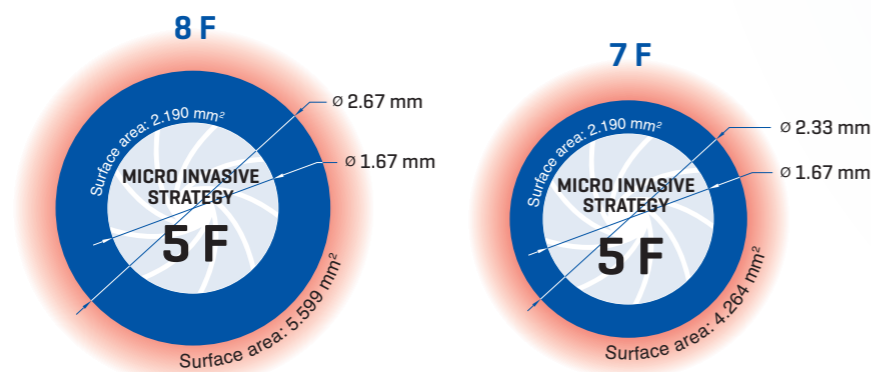
COMPLIANCE TABLE

Pressure (bar)	Stent Diameter (mm)					
	5	6	7	8	9	10
5	4.84	5.8	6.82	7.72	8.64	9.76
6	4.88	5.85	6.91	7.79	8.73	9.88
7	4.92	5.9	7.00	7.86	8.82	10.00
8	4.96	5.95	7.09	7.93	8.91	10.12
9 NP	5.00	6.00	7.18	8.00	9.00	10.24
10	5.04	6.05	7.27	8.07	9.09	10.36
11	5.08	6.1	7.36	8.14	9.18	10.48
12	5.12	6.15	7.45	8.21	9.27	10.6
13 RBP	5.16	6.2	7.54	8.28	9.36	10.72
14	5.2	6.25	7.63	8.35	-	-
15	5.24	6.3	7.72	8.42	-	-
16 RBP	5.28	6.35	7.81	8.49	-	-
17	5.32	6.4	7.90	-	-	-
18 RBP	5.36	6.45	7.99	-	-	-
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

- > **5 F 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**



Smaller sizes providing you with greater benefits

## 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