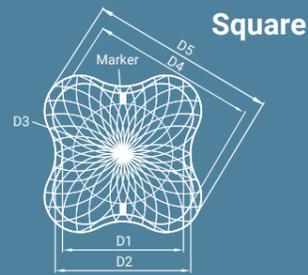


# Occlutech PLD

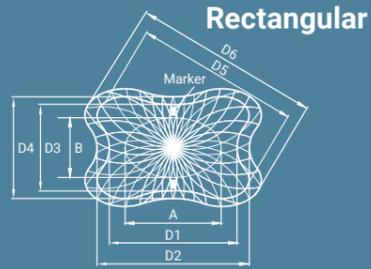
Product specifications

PLD

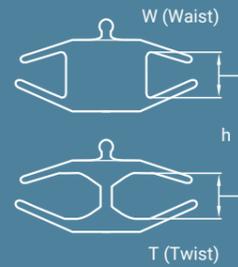
## Perfecting Performance



Square



Rectangular



T (Twist)

**Square PLD Dimensions:**

- D1 - Proximal disc length
- D2 - Distal disc length
- D3 - Waist diameter (Only for Square W\*)
- D4 - Diagonal length of proximal disc
- D5 - Diagonal length of distal disc

**Rectangular PLD Dimensions:**

- D1xD3 - Proximal disc length to width
- D2xD4 - Distal disc length to width
- AxB - Waist length to width (Only for Rectangular W\*)
- D5 - Diagonal length of proximal disc
- D6 - Diagonal length of distal disc

**General:**

- h - Height of the waist (3 mm for all sizes)

Article No.	[mm]					Sheath Size** [F]	Pusher Article No. (color)***	
	D1	D2	D3	D4	D5		Pistol Pusher	Flex-Pusher I
<b>Square W*</b>								
60PLD04W	7.5	9	4	11.5	13	7	55PP125L	50FP100L
60PLD05W	8.5	10	5	12.5	14	7	55PP125L	50FP100L
60PLD06W	9.5	11	6	14	16	7	55PP125L	50FP100L
60PLD07W	10.5	12	7	16	17	8	55PP125L	50FP100L
<b>Square T*</b>								
62PLD03T	7	8	10	11.5		7	55PP125L	50FP100L
62PLD05T	8.5	10	12.5	14		7	55PP125L	50FP100L
62PLD07T	11	12	16	17		8	55PP125L	50FP100L
<b>Rectangular W*</b>								
61PLD04W	4x2	8x6	9x7	10	11.5	7	55PP125L	50FP100L
61PLD06W	6x3	10x7	11x8	12.5	14	7	55PP125L	50FP100L
61PLD08W	8x4	12x8	14x10	15	16.5	8	55PP125L	50FP100L
61PLD10W	10x4	14x8	16x10	17	19	8	55PP125L	50FP100L
61PLD12W	12x5	16x9	17x10	19	21	9	55PP165L	50FP120L
61PLD14W	14x6	19x11	21x13	22	24	9	55PP165L	50FP120L
61PLD16W	16x8	20x12	23x14	24.5	26.5	10	55PP165L	50FP120L
61PLD18W	18x10	22x14	24x16	26.5	28.5	10	55PP165L	50FP120L
<b>Rectangular T*</b>								
63PLD05T	9x6	10x8	11.5	13		7	55PP125L	50FP100L
63PLD07T	11x8	12x9	14	16		8	55PP125L	50FP100L
63PLD10T	14x8	16x10	17	19		8	55PP125L	50FP100L
63PLD12T	16x9	17x11	19	21		9	55PP165L	50FP120L

Availability subject to regulatory approval.

\* W and T represent the types of connections between the discs. W stands for waist and T stands for twist.

\*\* Depending of the sheath supplier, smaller sizes might be possible, please see the PLD compatibility chart for more details.

\*\*\* Occlutech PLD occluder is compatible with both Flex-Pusher I and Pistol Pusher, appropriate pusher is provided with the occluder by Occlutech.



## Occlutech Paravalvular Leak Device

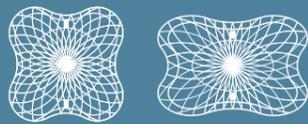


PLD



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# Paravalvular leak closure



## PRODUCT FEATURES

The Occlutech PLD is an ideal device for closing paravalvular leaks as it offers a range of unique features.

- Optimal positioning with two gold markers.
- Repositionable and fully retrievable.
- User-friendly and easy to use.
- Available with different design options for different PVL morphologies **Rectangular** and **Square**.



## Waist & Twist

The Occlutech PLD is available with two types of connections between the discs, **W**aist or **T**wist. Example below shown on an Occlutech PLD Square.

**W** = Waist



**T** = Twist



Connection diameter is negligible



Paravalvular leak



PLD delivered



PLD



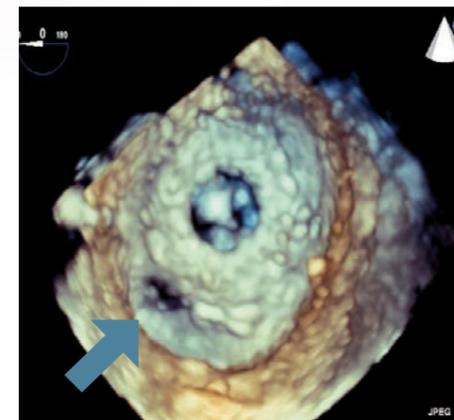
## CLINICAL BENEFITS

The Occlutech PLD is specifically designed to meet the needs in paravalvular leak closure. The design of the device allows alignment over the leak and therefore the ability to achieve complete closure. The device can be delivered from various routes (transapical or transfemoral) using small delivery catheters.

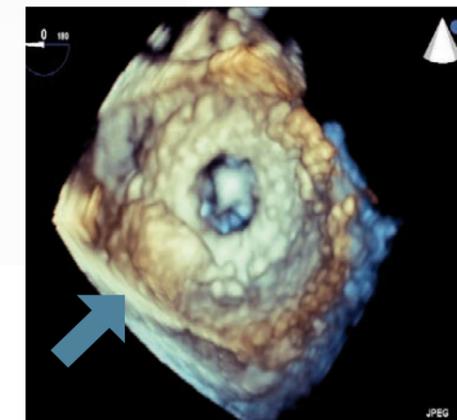
- First CE marked device specifically designed for the closure of the PVL.
- Improved device success.<sup>1</sup>
- High success rate in achieving complete closure.<sup>2</sup>
- No interference with the prosthetic valve leaflets.
- No interference with flow dynamics.<sup>3</sup>

**Content references:**

1. Smolka et al, 2016, Transcatheter closure of paravalvular leaks using a paravalvular leak device – a prospective Polish registry
2. Yildirim et al, 2016, A New Specific Device in Transcatheter Prosthetic Paravalvular Leak Closure: A Prospective Two-Center Trial
3. Göktekin et al, 2016, Early experience of percutaneous paravalvular leak closure using a novel Occlutech occluder



Typical half-moon shaped paravalvular leak.



Paravalvular leak closed with Occlutech PLD (61PLD10W).