



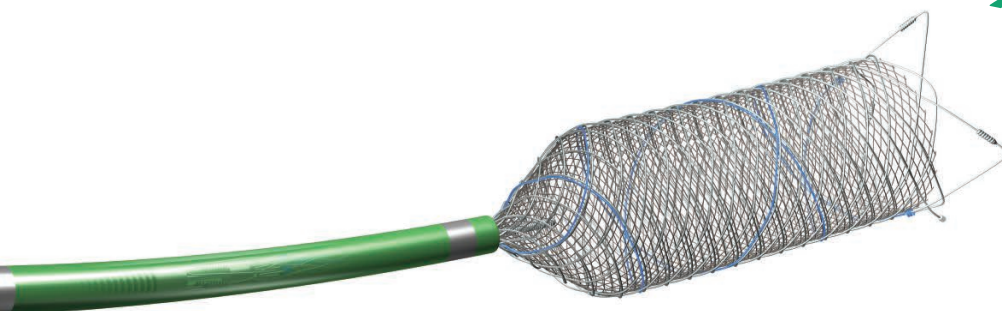
## PRODUCT SIZES

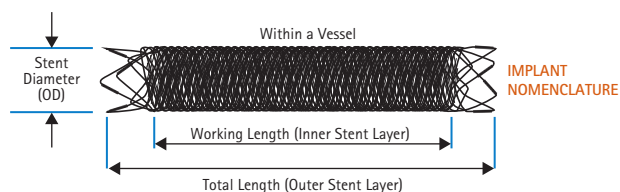
One unit per box.

Fully Open Implant Diameter	Product Code	*Working Length (mm) / Total Length (mm) at Target Vessel Diameters (mm)			Crimped Length Inside Microcatheter (mm)	% Foreshortening At Fully Open Implant Diameter
		2.0	2.5	3.0		
2.5	FREDJR2508	11 / 15	8 / 13		18	27
2.5	FREDJR2513	17 / 21	13 / 18		26	33
2.5	FREDJR2520	28 / 32	20 / 25		40	38
2.5	FREDJR2526	35 / 38	26 / 30		49	39
3.0	FREDJR3009		12 / 16	9 / 13	20	32
3.0	FREDJR3014		19 / 23	14 / 19	30	38
3.0	FREDJR3021		29 / 34	21 / 27	46	42
3.0	FREDJR3027		37 / 41	27 / 32	56	44

\* Outer device total length (including flared ends) and inner device working length (marked by helical strands), constrained in vessel.

DELIVERED THROUGH:  
**Headway<sup>®</sup> 21**  
Microcatheter





## EFFECTIVE METAL SURFACE AREA

One unit per box.

Fully Open Implant Diameter	Product Code	*Effective Metal Surface Area (%) at Target Vessel Diameters (mm)		
		2.0	2.5	3.0
2.5	FREDJR2508	29	31	
2.5	FREDJR2513	30	31	
2.5	FREDJR2520	29	33	
2.5	FREDJR2526	30	32	
3.0	FREDJR3009		25	28
3.0	FREDJR3014		25	28
3.0	FREDJR3021		25	28
3.0	FREDJR3027		26	29

\* Effective Metal Surface Area (%) measured for the inner stent, which provides flow diversion.

The FRED® and FRED® Jr. systems are CE Marked. The FRED Jr. system is not approved in the United States. The FRED system is limited by United States law to investigational use only.

### INDICATIONS FOR USE:

The system is intended for endovascular embolization of intracranial neurovascular aneurysms. The FRED and FRED Jr. system may also be used with embolic coils for the treatment of intracranial neurovascular lesions.



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