

Manage even the most
challenging stones.



NCircle[®]

NITINOL TIPLESS STONE EXTRACTOR



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NCircle®

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Stone extraction with minimal trauma can be an arduous task, especially if you have to constantly adjust the field of vision or maneuver around a calyceal stone. The NCircle Nitinol Tipless Stone Extractor can help you resolve these challenges.

Tipless basket

The tipless configuration allows you to position the basket directly against the mucosal lining to minimize trauma, reduce bleeding, and maintain a clear working field.

Optimized control

The NCircle is designed to keep the stone and basket within the focal range of a ureteroscope.

Nitinol construction

The resilient, memory characteristics of the nitinol wire allow the basket to return to its original shape when the device is **deployed**.

Flexibility

The flexibility of the extractor's outer sheath allows you to fully deflect the ureteroscope during stone manipulation.

Delta Wire® Technology

The NCircle is available in a Delta Wire configuration. The Delta Wire design provides the largest wire mass possible when constructing a basket. The larger wire mass increases the radial force of the basket and allows for greater radial dilation. The 2.4 Fr flexible sheath permits continuous full deflection of the ureteroscope during stone manipulation, while improving irrigation flow.



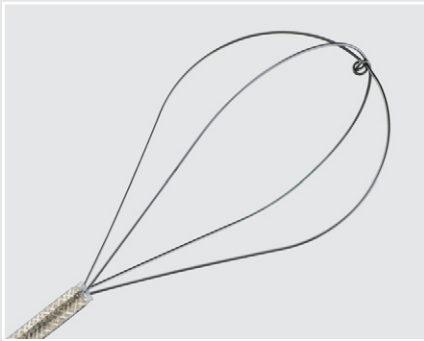
Round wire

The basket of a typical helical stone extractor is constructed of round stainless steel wire. The sheath diameter determines how large the round wires can be. This illustration represents a cross section of a four-wire, round-wire basket in a sheath.

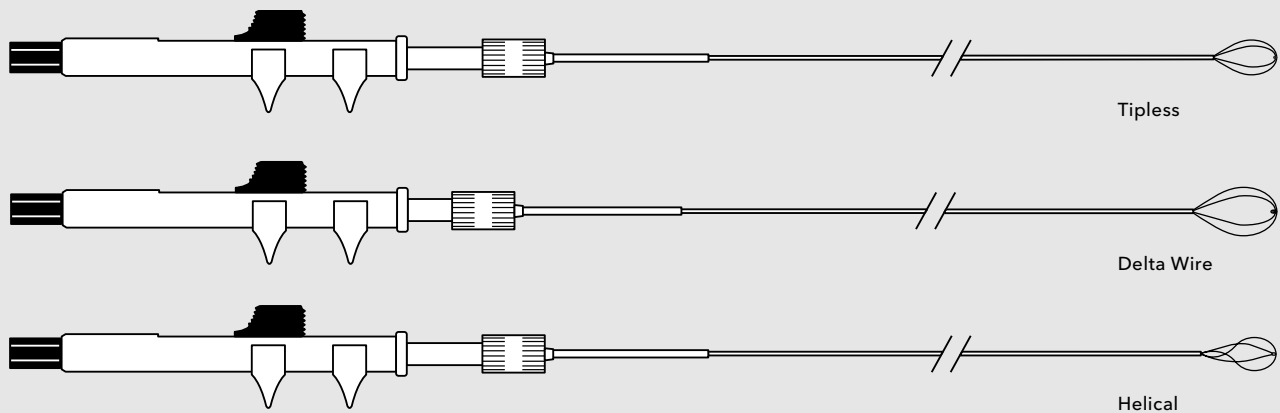


Delta Wire

This illustration represents a cross section of the four-wire, Delta Wire basket in a sheath and demonstrates the size and shape of the Delta Wire. The greater mass, combined with the inherent memory qualities of nitinol alloy, creates a unique basket with discernible proof of its increased radial force.



The NCircle Nitinol Tipless Stone Extractor is used for stone manipulation and removal in the urinary tract. The nitinol wire allows the basket to retain its shape even following extreme torsion. The unique tipless design allows you to open the basket at the base of the calyx and encircle the stone. Opening the basket at the base of the calyx reduces the likelihood of mucosal damage and perforation.



Order Number	Reference Part Number	Fr	Length cm	Basket Diameter cm
NCircle Tipless Stone Extractor				
G46206	NTSE-015115	1.5	115	1
G18778	NTSE-022115-UDH	2.2	115	1
G49620	NTSE-030065	3.0	65	1
G17627	NTSE-030115-UDH	3.0	115	1
G17520	NTSE-045065-UDH	4.5	65	2
NCircle Tipless Stone Extractor With Modified Basket				
G18777	NTSE-022115-UDH-MB	2.2	115	2
G17872	NTSE-030115-UDH-MB	3.0	115	2
NCircle Delta Wire Tipless Stone Extractor				
G19110	NTSED-024115-UDH	2.4	115	1
NCircle Delta Wire Tipless Stone Extractor With Modified Basket				
G19111	NTSED-024115-UDH-MB	2.4	115	2
NCircle Helical Tipless Stone Extractor				
G18191	NTHSES-030115-UDH	3.0	115	1
G18193	NTHSE-045065-UDH	4.5	65	2

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Customer Service - Urology

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