

# SPIN SHAFT ACCESSORIES

## THE SPIN SHAFT Apparatus 1 & 2

Spin On/Off Shafts for Apparatus 1 & 2 offer a quick, convenient change between paddle and basket methods without the need to reset the shaft height.

These two-piece basket/paddle/cylinder shafts join above the media to prevent potential contamination.

## KEY CONSIDERATIONS

### Spin Shaft Features:

- Spin On/Off Shafts may be used on any Agilent/VanKel, Distek, Erweka, or Hanson dissolution instruments.
- Distek's primary design is the bottom detachable basket hub and paddle blade but QLA also manufactures Spin On/Off Shafts for Distek 2100 and 2500 baths as well.
- It is unnecessary to remove the shaft when changing from APP 1 to APP 2.
- There is no need to readjust shaft height or the locking mechanism.
- The attachment connection for Spin On/Off Shafts is located outside the media, eliminating any chance of contamination.
- Precision manufacturing has assured USP compliance and detachable components meet USP specifications.
- Spin On/Off Shafts are engineered to minimize the risk of cross-threading and ensure a secure connection.
- Wobble data is well within USP tolerance.

## AGILENT COMPATIBLE SPIN SHAFT ACCESSORIES

(INCLUDES LEGACY VANKEL)

Part No.	Description	OEM Ref
SPNSHT-13	Spin ON/OFF 14.5" (370mm) Upper Shaft for V-Series, 316 SS, Serialized (when fully assembled)	QLA
SPNSHT-15	Spin ON/OFF 15" (380mm) Upper Shaft, 316 SS, Serialized (when fully assembled)	13-3612
SPNSHT-19	Spin ON/OFF 19" (480mm) Upper Shaft, 316 SS, Serialized (when fully assembled)	12-1401
SPNSHT-21	Spin ON/OFF 21" (535mm) Upper Shaft, 316 SS, Serialized (when fully assembled)	13-3613
SPNSHT-24	Spin ON/OFF 24" (610mm) Upper Shaft, 316 SS, Serialized (when fully assembled)	13-3614
SPNBSK-01	Spin ON/OFF Basket Shaft, Spring Clip Style, 316 SS, Serialized	13-3631
SPNRNG-01	Spin ON/OFF Basket Shaft, Push-On Style for VanKel, 316 SS, Serialized	12-1431
SPNEPD-01	Spin ON/OFF Paddle, Electropolished 316 SS, Serialized	13-3603
SPNNPD-01	Spin ON/OFF Paddle, PTFE Coated over 316 SS, Serialized	13-3602
SPNTPD-01	Spin ON/OFF Paddle, Solid Molded Fluoropolymer, One Piece Design, Serialized	QLA

**Note:** All spin shafts are laser marked with a unique serial number and come with COC.

Q03026

UPPER SPIN SHAFT (SPNSHT-13, SPNSHT-15, SPNSHT-19, SPNSHT-21, SPNSHT-24)



SPNBSK-01



SPNRNG-01



SPNEPD-01



SPNNPD-01



SPNTPD-01

**DISTEK****COMPATIBLE SPIN SHAFT ACCESSORIES**

Part No.	Description	OEM Ref
SPNSHT-16.5	Spin ON/OFF 16.5" (420mm) Upper Shaft, 316 SS, Serialized (when fully assembled)	QLA
SPNSHT-21	Spin ON/OFF 21" (535mm) Upper Shaft, 316 SS, Serialized (when fully assembled)	QLA
SPNRNG-DK	Spin ON/OFF Basket Shaft, Standard Push-On Style for Distek, 316 SS, Serialized	QLA
SPNEPD-01	Spin ON/OFF Paddle, Electropolished 316 SS, Serialized	QLA
SPNNPD-01	Spin ON/OFF Paddle, PTFE Coated over 316 SS, Serialized	QLA
SPNTPD-01	Spin ON/OFF Paddle, Solid Molded Fluoropolymer, One Piece Design, Serialized	QLA

**ERWEKA****COMPATIBLE SPIN SHAFT ACCESSORIES**

Part No.	Description	OEM Ref
SPNSHT-7EW	Spin ON/OFF 7" (180mm) Upper Shaft for Low Head, 316 SS, Serialized	QLA
SPNSHT-15EW	Spin ON/OFF 15" (380mm) Upper Shaft for High Head, 316 SS, Serialized	QLA
SPNBSK-EW	Spin ON/OFF Basket Shaft, Spring Clip Style, 316 SS, Serialized	QLA
SPNEPD-EW	Spin ON/OFF Paddle, Electropolished 316 SS, Serialized	QLA
SPNTPD-EW	Spin ON/OFF Paddle, Solid Molded Fluoropolymer, One Piece Design, Serialized	QLA

**HANSON****COMPATIBLE SPIN SHAFT ACCESSORIES**

<b>SR8-Plus</b>		
Part No.	Description	OEM Ref
SPNSHT-16	Spin ON/OFF 16" (405mm) Upper Shaft, 316 SS, Serialized (when fully assembled)	QLA
SPNBSK-HR	Spin ON/OFF Basket Shaft, Spring Clip Style, 316 SS, Serialized	QLA
SPNEPD-01	Spin ON/OFF Paddle, Electropolished 316 SS, Serialized	QLA
SPNNPD-01	Spin ON/OFF Paddle, PTFE Coated over 316 SS, Serialized	QLA
SPNTPD-01	Spin ON/OFF Paddle, Solid Molded Fluoropolymer, One Piece Design, Serialized	QLA

**SPIN SHAFT TIGHTENING AND LOOSENING TOOL**

- Provides for a secure connection and ensures the 2 piece shaft doesn't come loose or detached during operation
- Rubber lined for extra grip and will not scratch or damage the shaft
- Use two tools for best results.

Part No.	Description	OEM Ref
SHFTOOL	Spin Shaft Tightening/ Loosening Tool	QLA

**Vision**

Part No.	Description	OEM Ref
74-105-050	10" (255mm) Upper Spin Shaft, 316 SS, Serialized	74-105-050
74-205-050	15" (380mm) Upper Spin Shaft, 316 SS, Serialized	74-205-050
74-105-251	Spin Basket Shaft, Spring Clip Style, 316 SS, Serialized	74-105-251
74-105-202	Spin Paddle, Electropolished 316 SS, Serialized	74-105-202
74-105-201	Spin Paddle, Solid Molded Fluoropolymer, One Piece Design, Serialized	74-105-201
74-105-371	Spin Basket Shaft for 2L, Spring Clip Style, 316 SS, Serialized	74-105-371
74-105-361	Spin Paddle for 2L, Electropolished 316 SS, Serialized	74-105-361
74-105-351	Spin Paddle for 2L, Solid Molded Fluoropolymer, One Piece Design, Serialized	74-105-351

## ULTRACENTER™ PRECISION TAPERED SHAFTS

### Patent Pending

QLA UltraCenter™ Precision Tapered upper and lower shafts provide a significantly more accurate paddle and/or basket shaft assembly. The tapered fit between the upper and lower shaft results in an extremely concentric assembly with far less wobble. They were specifically designed to complement QLA AccuCenter™ Brackets and UltraCenter™ Vessels. UltraCenter™ upper and lower shafts are interchangeable. These shafts are another QLA innovative dissolution component developed to help achieve Enhanced Mechanical Calibration in accordance with the current ASTM standard. Dissolution instruments calibrated to this standard do not need further calibration with USP calibrator tablets.

Part No.	Description	OEM Ref
ASTMSHT-13	UltraCenter Precision Tapered 14.5" (370mm) Upper Spin Shaft, 316 SS, Serialized (when fully assembled)	QLA
ASTMSHT-15	UltraCenter Precision Tapered 15" (380mm) Upper Spin Shaft, 316 SS, Serialized (when fully assembled)	QLA
ASTMSHT-16	UltraCenter Precision Tapered 16" (405mm) Upper Spin Shaft, 316 SS, Serialized (when fully assembled)	QLA
ASTMSHT-16.5	UltraCenter Precision Tapered 16.5" (420mm) Upper Spin Shaft, 316 SS, Serialized (when fully assembled)	QLA
ASTMSHT-19	UltraCenter Precision Tapered 19" (480mm) Upper Spin Shaft, 316 SS, Serialized (when fully assembled)	QLA
ASTMSHT-21	UltraCenter Precision Tapered 21" (535mm) Upper Spin Shaft, 316 SS, Serialized (when fully assembled)	QLA
ASTMSHT-24	UltraCenter Precision Tapered 24" (610mm) Upper Spin Shaft, 316 SS, Serialized (when fully assembled)	QLA
SPNSBK-ASTM	UltraCenter Precision Tapered Spin Basket, Spring Clip Style, 316 SS, Serialized	QLA
SPNEPD-ASTM	UltraCenter Precision Tapered Spin Paddle, Electropolished 316 SS, Serialized	QLA
SPNNPD-ASTM	UltraCenter Precision Tapered Spin Paddle, PTFE Coated over 316 SS, Serialized	QLA
SPNTPD-ASTM	UltraCenter Precision Tapered Spin Paddle, Solid Molded Fluoropolymer, One Piece Design, Serialized	QLA



SPIN PADDLES AND BASKET SHAFT



CLOSE-UP OF PRECISION TAPERED SHAFT



UPPER SPIN SHAFTS