

SCT/QR Coring & Stripping Tools



SCT-F320QR

- **High-alloy steel** ensures long blade life and optimum performance.
- **Dual-edged one-piece blade** guarantees correct blade alignment.
- **Stripping, coring, and beveling in one step** speeds connectorization.
- **Beveled outer conductor** prevents O-ring damage and minimizes water migration.

DESCRIPTION

SCT-QR hardline stripping/coring tools strip back and bevel the outer conductor, core the dielectric, and strip back the outer jacket on CommScope® Quantum Reach® (QR) cables.

APPLICATIONS

SCT-QR Hardline stripping & coring tools work on 0.320" through 1.125" CommScope® Quantum Reach® (QR) cables.

Note that, because the jacket must be stripped after coring, SCT tools for QR applications include a special, integrated jacket stripper made especially for this purpose.

SPECIAL FEATURES

Three Functions in One Operation:

SCT-QR tools speed connectorization because they strip back and bevel the outer conductor and core the dielectric in one smooth operation.



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SPECIAL FEATURES *(continued)*

Non-clogging Stops:

There is a non-clogging internal stop on every SCT-QR tool that is factory-set to the required dimension for the cable.

Patented Stripping/Coring Blades:

The bevel on the coring edge of the blade self-aligns on the center conductor, which enables an SCT-QR tool to core cable even when it is out-of-round. Made of tool steel that is heat treated to full hardness, the blade bevels the outer conductor, thereby eliminating O-ring damage and minimizing water migration.



Manual or Drill Operation:

SCT tools can be ordered with a standard ergonomic handle or a Cable Prep brand RTH ratchet T-handle. Either handle can be removed for operation with a 3/8-inch variable speed drill.



Attached Jacket Stripping Tool:

Because the jacket on QR cable must be stripped after the coring operation, each SCT-QR stripping/coring tool (labeled SCT-QR-A) comes with a special jacket stripping tool (labeled SCT-QR-B). The two pieces are threaded, so they can be assembled and stored as one unit, which protects the insides of the parts from damage. The jacket stripper is designed with a patented mandrel pin that supports the soft aluminum outer conductor and keeps it from being damaged during the jacket stripping operation.





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ORDERING INFORMATION

SCT-QR tools can be ordered with either a standard handle or a ratchet T-handle. The ratchet T-handle can be removed for use on any Cable Prep brand SCT- and AIO-series tool.

Replacement blade kits include a coring-tool blade, a jacket-stripping blade, screws, a spring washer, and a hex key.

SCT-QR tools include the appropriate jacket stripper. No separate jacket stripper need be ordered.

CommScope® Quantum Reach® Cable Size	SCT/QR Tool with Standard Handle Part Number	SCT/QR Tool with Ratchet T-handle Part Number	Blade Kit Part Number
.320 (7 mm) QR	SCT-7MMQR	RSCT-7MMQR	SC-7MMQR
320 (7 mm) QR with Corning Gilbert GAF-360-320-QR Crimp Style, Thomas & Betts SNS320QR, or PPC EX320QR connectors	SCT-F320QR*	RSCT-F320QR*	SC-F320QR
500 QR	SCT-500QR	RSCT-500QR	SC-500QR
540 QR	SCT-540QR	RSCT-540QR	SC-540QR
715 QR	SCT-715QR	RSCT-715QR	SC-715QR
860 QR	SCT-860QR	RSCT-860QR	SC-860QR
1125 QR	SCT-1125QR	RSCT-1125QR	SC-1125QR

*The HCT/ACT-41Q crimp tool is used for the Corning Gilbert GAF-360-320-QR connector. The Cobra360 or HPT-1100 compression tool is used for the Corning Gilbert GAS320QRP connector, the Thomas & Betts SNS320QR connector, and the PPC320QR connector.

Note that SCT-QR tools include the appropriate jacket stripper. Please see JCS Jacket Strippers for a list of replacement jacket strippers for QR cable.

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SPECIFICATIONS

SCT/QR tools are black anodized aluminum.

SCT/QR Tool Part Number	Weight (Ounces)	Weight (Grams)
SCT-7MMQR	15.4	435.4
SCT-F320QR	15.4	435.4
SCT-500QR	22.1	626
SCT-540QR	22.1	626
SCT-715QR	23	653.2
SCT-860QR	23	653.2
SCT-1125QR	31.4	889
RSCT-7MMQR	23.7	671.3
RSCT-F320QR	9.6	272.2
RSCT-500QR	30.4	861.8
RSCT-540QR	30.4	861.8
RSCT-715QR	31.4	889
RSCT-860QR	31.4	889
RSCT-1125QR	39.7	1124.9
SC-7MMQR	15.4	435.4
SC-F320QR	15.4	435.4
SC-500QR	22.1	626
SC-540QR	22.1	626
SC-715QR	23	653.2
SC-860QR	23	653.2
SC-1125QR	31.4	889

Final trim dimension cross-reference table

SCT/RSCT Tool	Core Depth (Inches)	Center Conductor Stop Length (Inches)	Jacket Strip Back (Inches)
(R)SCT-7MMQR	1 1/4 1.250	1 1.000	1/2 0.500
(R)SCT-F320QR	9/16 0.5625	7/16 0.4375	3/8 0.375
(R)SCT-500QR	1 1/4 1.250	1 1.000	1/2 0.500
(R)SCT-540QR	1 1/4 1.250	1 1.000	1/2 0.500
(R)SCT-715QR	1 1/4 1.250	1 1.000	1/2 0.500
(R)SCT-860QR	1 1/4 1.250	1 1/16 1.0625	5/8 0.625
(R)SCT-1125QR	1 1/4 1.250	1 1/4 1.250	5/8 0.625



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