

Warning! This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

Note: This tool is a power or manually operated cutting device for removing polyethylene, (XLPE) cross link polyethylene, and most (EPR) ethylene propylene rubber insulations from 15KV to 46KV cables with .900" (22.86mm) to 2.030" (52.07mm) in diameter.



OPERATING INSTRUCTIONS

For best results, the end of the cable to be stripped should be cut straight and square using a hack-saw or curved jaw cable cutters.



Step 1. Check the bushing by sliding it over the polyethylene insulation or over the semi-con on EPR insulated cable. The bushing should fit closely, yet still rotate easily on the cable. **We recommend the use of lubricant be used on the semi-con over EPR cable.**



Step 2. To insert the bushing into the WS6, line up rib on the bushing with the slot on the WS6 housing. Raise the cutting blade by depressing outer end and insert the bushing until it locks into place.



Step 3. To adjust the stop bar for desired length of conductor exposure, loosen the set screw located at the back end of the tool with a 1/8" hex wrench. Adjust the stop bar to the desired length of insulation to be stripped and tighten the set screw. Up to 5-1/2" of insulation can be removed with this tool.



Step 4. Insert the cable into the WS6 until it comes in contact with cutting edge of the blade.



Step 5. Before stripping the insulation, adjust the blade edge to 1/32" (.79mm) - 1/16" (1.59mm) above the conductor surface by inserting the provided 1/16" hex wrench through the hole located beneath the tool blade. Turn the adjusting screw in the bushing to re-position the blade.



Step 6. A Blade Lock Screw is provided with all WS6 tools. After the blade is adjusted in Step 5, thread the lock screw into the casting. Turn until the end of the screw makes contact with the bottom of the blade to secure it from movement. Avoid over-tightening this lock screw.

Step 7. Test the tool operation on a sample cable by hand. Slowly rotate the tool clockwise around the cable to remove the insulation. Insulation will peel off the cable until the conductor reaches the stop bar. The blade will automatically sever the insulation at the end of the cut. Observe the conductor and insulation condition. The blade depth should be set as conservative as possible, but also deep enough to produce a clean, square cut. Re-adjust the blade as needed.



Step 8. The tool is ready for power operation as shown above, or can be operated manually.



To remove the bushing, depress the lock release pin on the housing and slide the bushing out

REPLACEMENT PARTS

Model	Part #	Blade	Blade Part #	Rotating Stop Bar Part #
WS 6	12900	CB 8-2	12903	12928
WS 6 with WA 1	12917	CB 8-2	12903	12928
WS 6 with WA 3	12918	CB 8-2	12903	N/A



SW-2
Ratchet Wrench

BUSHING SELECTION TABLE			These tables should only be used as a guide. Cable samples should be provided to Ripley to ensure proper sizing.		
Cable O.D. to be stripped		Bushing #	Cable O.D. to be stripped		Bushing #
(inch)	(mm)		(inch)	(mm)	
0.961 - 0.985	24.41 - 25.02	WS 6-1.000	1.436 - 1.460	36.47 - 37.08	WS 6-1.475
1.986 - 1.010	25.04 - 25.65	WS 6-1.025	1.461 - 1.485	37.11 - 37.72	WS 6-1.500
1.011 - 1.035	25.68 - 26.29	WS 6-1.050	1.486 - 1.510	37.74 - 38.35	WS 6-1.525
1.036 - 1.060	26.31 - 26.92	WS 6-1.075	1.511 - 1.535	38.38 - 38.99	WS 6-1.550
1.061 - 1.085	26.95 - 27.56	WS 6-1.100	1.536 - 1.560	39.01 - 39.62	WS 6-1.575
1.086 - 1.110	27.58 - 28.19	WS 6-1.125	1.561 - 1.585	39.65 - 40.26	WS 6-1.600
1.111 - 1.135	28.22 - 28.83	WS 6-1.150	1.586 - 1.610	40.28 - 40.89	WS 6-1.625
1.136 - 1.160	28.85 - 29.46	WS 6-1.175	1.611 - 1.635	40.92 - 41.53	WS 6-1.650
1.161 - 1.185	29.49 - 30.10	WS 6-1.200	1.636 - 1.660	41.55 - 42.16	WS 6-1.675
1.186 - 1.210	30.12 - 30.73	WS 6-1.225	1.661 - 1.685	42.19 - 42.80	WS 6-1.700
1.211 - 1.235	30.76 - 31.37	WS 6-1.250	1.686 - 1.710	42.82 - 43.43	WS 6-1.725
1.236 - 1.260	31.39 - 32.00	WS 6-1.275	1.711 - 1.735	43.46 - 44.07	WS 6-1.750
1.261 - 1.285	32.03 - 32.64	WS 6-1.300	1.736 - 1.760	44.09 - 44.70	WS 6-1.775
1.286 - 1.310	32.66 - 33.27	WS 6-1.325	1.761 - 1.785	44.73 - 45.34	WS 6-1.800
1.311 - 1.335	33.30 - 33.91	WS 6-1.350	1.786 - 1.810	45.36 - 45.97	WS 6-1.825
1.336 - 1.360	33.93 - 35.54	WS 6-1.375	1.811 - 1.835	46.00 - 46.61	WS 6-1.850
1.361 - 1.385	34.57 - 35.18	WS 6-1.400	1.836 - 1.860	46.63 - 47.24	WS 6-1.875
1.386 - 1.410	35.20 - 35.81	WS 6-1.425	1.861 - 1.885	47.27 - 47.88	WS 6-1.900
1.411 - 1.435	35.84 - 36.45	WS 6-1.450			

WARRANTY: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.



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