

# WS6-M

## ADJUSTABLE END STRIPPER

**Warning!** This tool 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. Please read and understand instructions before using this tool.

**Note:** This tool is a manually operated cutting device for polyethylene, (XLPE)cross link polyethylene, and (EPR) ethylene propylene rubber insulation on 15KV to 46KV cables 22.86mm (.900") to 52.07mm (2.030") 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.

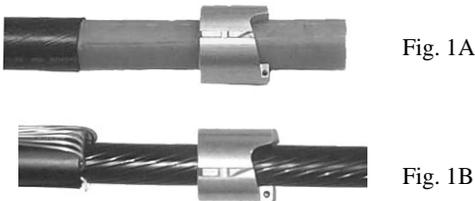


Fig. 1

**Step 1.** (Fig 1) Check the bushing by sliding it over polyethylene insulation (Fig 1A) or semi-con over EPR insulation (Fig. 1B). The bushing should fit snugly and still rotate easily on the cable. *We recommend the use of lubricant be used on the semi-con over EPR cable.*

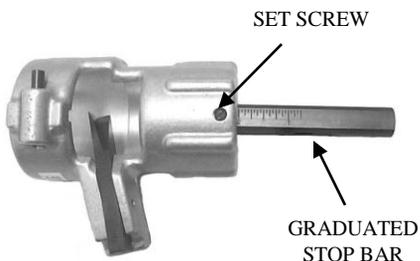


Fig. 3

**Step 3.** (Fig. 3) To adjust the stop bar for desired length of conductor exposure, loosen set screw located on the end of the tool body directly above the stop bar. Adjust the stop bar to the desired length of insulation to be stripped and tighten the set screw.

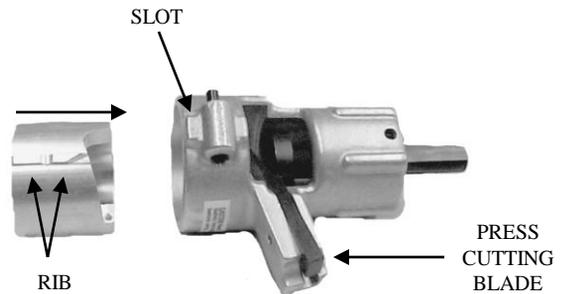


Fig. 2

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

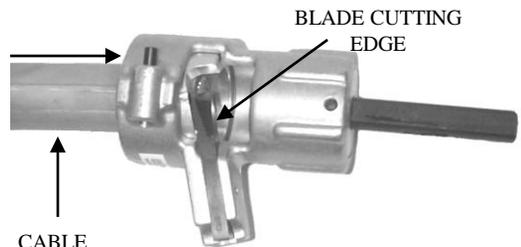


Fig. 4

**Step 4.** (Fig. 4) To strip the insulation, insert the cable into the WS6-M until it comes in contact with cutting edge of the blade. Always check the blade position with respect to the conductor, before stripping the insulation.

# Instructions for WS6-M - Part 2

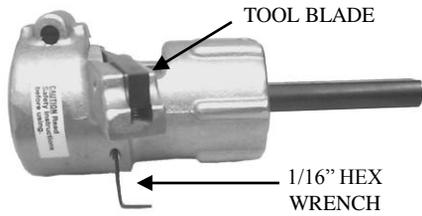


Fig. 5

**Step 5.** (Fig. 5) Before stripping the insulation, adjust the blade edge to 0.39mm (1/64”) – 0.79mm (1/32”) above the conductor surface by inserting the provided hex wrench through the hole located beneath the tool blade.

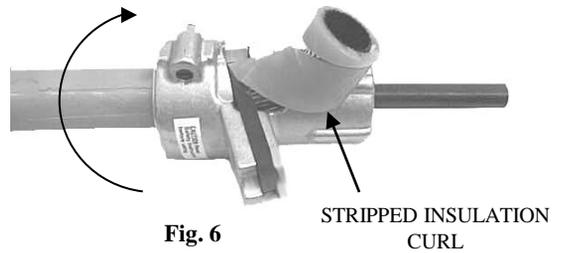


Fig. 6

**Step 6.** (Fig. 6) Rotate the tool clockwise around the cable to remove the insulation. Insulation will peel off until the cable conductor reaches the stop bar. The blade will automatically sever the insulation cleanly at the end of the cut.

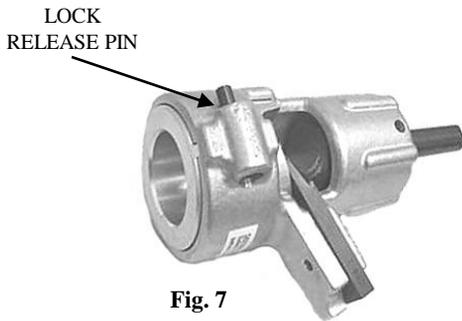


Fig. 7

(Fig. 7) To remove the bushing, depress the lock release pin on the housing and slide the bushing out.

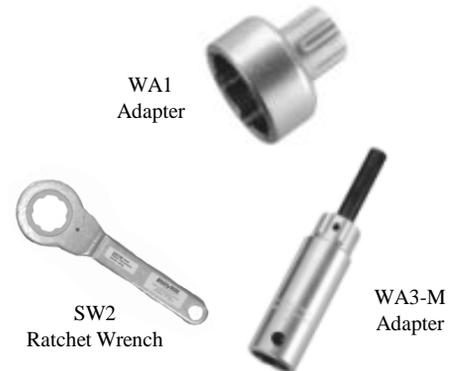
## REPLACEMENT PARTS

Model	Part #	Blade	Blade Part #	Rotating Stop Bar Part #
WS 6-M	42360	CB 8-2	12903	42361
WS 6 with WA3-M	42355	CB 8-2	12903	42358

## Notes

- Stop bar removal allows infinite stripping of insulation
- Rotating stop bar permits a stripping length of 6.19mm (2-7/16”)
- WA1 adapter permits the use of the SW2 ratchet wrench
- WA3-M adapter allows strip lengths up to 139.7mm (5-1/2”), SW2 can also be used with WA3-M for extra leverage

BUSHING SELECTION TABLE					
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.



46 Nooks Hill Road  
Cromwell, CT 06416  
Phone: 800-528-8665  
Int'l: (01) 860-635-2200  
Fax: (01) 860-635-3631  
e-mail: info@ripley-tools.com  
Internet: www.ripley-tools.com

