

# WS5

## 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 600 volt to 35KV cables with .260”(6.6mm) to 1.265”(32.13mm) in diameter and insulation thickness of < 400mils.



## 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. 1A



Fig. 1B

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.*

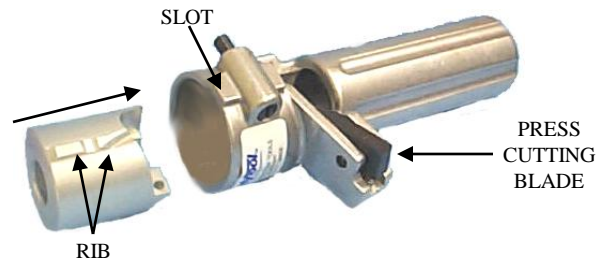


Fig. 2

**Step 2** (Fig. 2) To insert the bushing into the WS5, line up rib on the bushing with the slot on the WS5 housing. Raise the cutting blade by depressing outer end and insert the bushing until it locks into place.

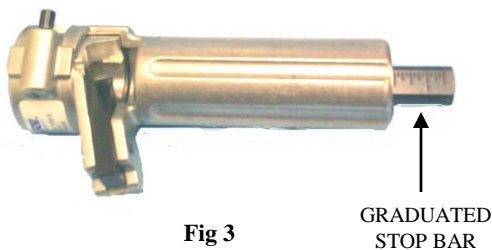


Fig 3

GRADUATED  
STOP BAR

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

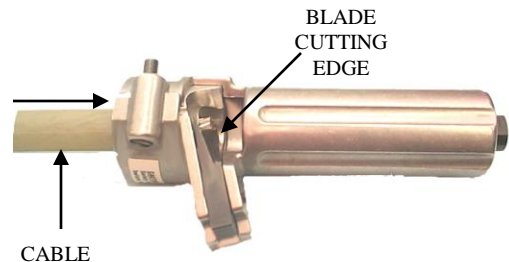


Fig. 4

**Step 4.** (Fig. 4) To strip the insulation, insert the cable into the WS5 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 WS5 - Part 2

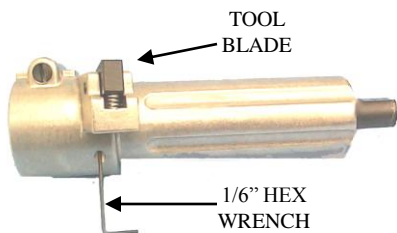


Fig. 5

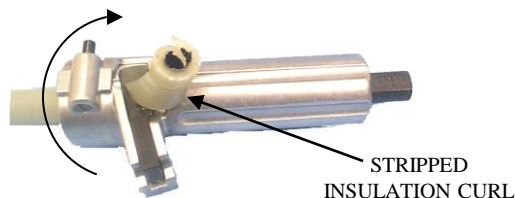


Fig. 6

**Step 5.** (Fig. 5) Before stripping the insulation, adjust the blade edge to 1/64"(.39mm)-1/32"(.79mm) above the conductor surface by inserting the provided hex wrench through the hole located beneath the tool blade.

**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 #
WS5	10327	CB7-2	10324	10346

## NOTES

- To strip more than 3 3/4" of insulation, Remove the stop bar and collar.
- If extra leverage is needed to strip insulation, use the Utility Tool Ratchet Wrench, Model SW2



SW2  
Ratchet Wrench

BUSHING SELECTION TABLE					
Cable O.D. to be stripped		Bushing #	Cable O.D. to be stripped		Bushing #
(inch)	(mm)		(inch)	(mm)	
.260 - .285	6.60 - 7.24	WS 5-300	.761 - .785	19.33 - 19.94	WS 5-800
.286 - .310	7.26 - 7.87	WS 5-325	.786 - .810	19.96 - 20.57	WS 5-825
.311 - .335	7.90 - 8.51	WS 5-350	.811 - .835	20.60 - 21.21	WS 5-850
.336 - .360	8.53 - 9.14	WS 5-375	.836 - .860	21.23 - 21.84	WS 5-875
.361 - .385	9.17 - 9.78	WS 5-400	.861 - .885	21.87 - 22.48	WS 5-900
.386 - .410	9.80 - 10.41	WS 5-425	.886 - .910	22.50 - 23.11	WS 5-925
.411 - .435	10.44 - 11.05	WS 5-450	.911 - .935	23.14 - 23.75	WS 5-950
.436 - .460	11.07 - 11.68	WS 5-475	.936 - .960	23.77 - 24.38	WS 5-975
.461 - .485	11.71 - 12.32	WS 5-500	.961 - .985	24.41 - 25.02	WS 5-1.000
.486 - .510	12.34 - 12.95	WS 5-525	.986 - 1.010	25.04 - 25.65	WS 5-1.025
.511 - .535	12.98 - 13.59	WS 5-550	1.011 - 1.035	25.67 - 26.29	WS 5-1.050
.536 - .560	13.61 - 14.22	WS 5-575	1.036 - 1.060	26.31 - 26.92	WS 5-1.075
.561 - .585	14.25 - 14.86	WS 5-600	1.061 - 1.085	26.95 - 27.56	WS 5-1.100
.586 - .610	14.88 - 15.49	WS 5-625	1.086 - 1.110	27.58 - 28.19	WS 5-1.125
.611 - .635	15.52 - 16.13	WS 5-650	1.111 - 1.135	28.22 - 28.83	WS 5-1.150
.636 - .660	16.15 - 16.76	WS 5-675	1.136 - 1.160	28.85 - 29.46	WS 5-1.175
.661 - .685	16.79 - 17.40	WS 5-700	1.161 - 1.185	29.49 - 30.10	WS 5-1.200
.686 - .710	17.42 - 18.03	WS 5-725	1.186 - 1.210	30.12 - 30.73	WS 5-1.225
.711 - .735	18.06 - 18.67	WS 5-750	1.211 - 1.235	30.76 - 31.37	WS 5-1.250
.736 - .760	18.69 - 19.30	WS 5-775	1.236 - 1.260	31.39 - 32.00	WS 5-1.275
			1.261 - 1.285	32.03 - 32.64	WS 5-1.300

**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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