

HYDRON INCORPORATED



STRIPPERS

WS 22 Double-Ended End Stripper

- For 600 volt cables, 1/0 AWG to 1000 MCM
- Square-cuts two specific cable sizes
- Clean strips quickly with no conductor damage
- Stripping length preset at factory, special order
- Length: 6 in.
- Weight: 1.0 lb.



WS 22



Bushings to Square Cut Insulation

Replacement Blade: CB 22

Bushing selection tables by conductor size and insulation thickness (part numbers listed)



Concentric Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS							
	60 MIL		80 MIL		90 MIL		110 MIL	
	Max. O.D. in.	No.	Max. O.D. in.	No.	Max. O.D. in.	No.	Max. O.D. in.	No.
1/0	.515	15-52540	.565	15-57560	.590	15-60075	*	*
2/0	.565	15-57540	.590	15-60060	.640	15-65075	*	*
3/0	.615	15-62540	.665	15-67650	.690	15-70075	*	*
4/0	.665	15-67540	.715	15-72560	.740	15-75075	*	*
MCM								
250	*	*	.765	15-77560	.790	15-80075	.815	15-82590
350	*	*	.865	15-87560	.890	15-90075	.965	15-92590
500	*	*	.990	15-10060	1.040	15-105075	1.065	15-107590
600	*	*	1.065	15-107560	1.115	15-112575	1.140	15-115090
700	*	*	1.165	15-117560	1.190	15-120075	1.125	15-122590
750	*	*	1.190	15-120060	1.215	15-122575	1.215	15-125090
800	*	*	1.215	15-122560	1.265	15-127575	1.265	15-130090
900	*	*	1.290	15-130060	1.315	15-132575	1.315	15-137590
100	*	*	1.340	15-135060	1.365	15-137575	1.365	15-140090



Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS							
	60 MIL		80 MIL		90 MIL		110 MIL	
	Max. O.D. in.	No.	Max. O.D. in.	No.	Max. O.D. in.	No.	Max. O.D. in.	No.
1/0	.490	15-50040	.540	15-55060	.590	15-60075	*	*
2/0	.540	15-55040	.590	15-60060	.615	15-62575	*	*
3/0	.590	15-60040	.640	15-65060	.665	15-67575	*	*
4/0	.665	15-67540	.690	15-70060	.740	15-75075	*	*
MCM								
250	*	*	.740	15-75060	.765	15-77575	.815	15-82590
350	*	*	.840	15-85060	.890	15-90075	.915	15-92590
500	*	*	.965	15-97560	1.015	15-102575	1.040	15-105090
600	*	*	1.065	15-107560	1.090	15-110075	1.115	15-112590
700	*	*	1.140	15-115060	1.165	15-117575	1.190	15-120090
750	*	*	1.165	15-117560	1.190	15-120075	1.215	15-122590
800	*	*	1.190	15-120060	1.215	15-122575	1.265	15-127590
900	*	*	1.240	15-125060	1.290	15-130075	1.315	15-132590
100	*	*	1.315	15-132560	1.340	15-135075	1.365	15-137590



Compacted Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS							
	60 MIL		80 MIL		90 MIL		110 MIL	
	Max. O.D. in.	No.	Max. O.D. in.	No.	Max. O.D. in.	No.	Max. O.D. in.	No.
1/0	.465	15-47540	.151	15-52560	.565	15-57575	*	*
2/0	.515	15-52540	.565	15-57560	.590	15-60075	*	*
3/0	.565	15-57540	.615	15-62560	.640	15-65075	*	*
4/0	.615	15-62540	.665	15-67560	.690	15-75075	*	*
MCM								
250	*	*	.715	15-72560	.740	15-75075	.790	15-80090
350	*	*	.790	15-80060	.840	15-85075	.865	15-87590
500	*	*	.915	15-92560	.965	15-97575	.990	15-100090
600	*	*	1.065	15-102560	1.040	15-105075	1.090	15-110090
700	*	*	1.015	15-107560	1.090	15-110075	1.140	15-115090
750	*	*	1.065	15-110060	1.140	15-115075	1.165	15-117590
800	*	*	1.090	15-115060	1.165	15-117575	1.190	15-120090
900	*	*	1.190	15-120060	1.215	15-122575	1.265	15-127590
100	*	*	1.265	15-127560	1.290	15-130075	1.315	15-132590

WS 1, WS 2 & WSK 2 Mid-Span Strippers

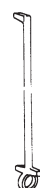
- For .320 to 1.300 in Cable O.D.
- Operates on all tree wire and spacer cables
- Strips at end or any point along cable length (mid-span)
- Designed for HOT STICK operation
- Choice of handle styles
- Each tool built for a specific cable size
- Strips to any length in one continuous operation
- WSK models have double-action blades
- Length: 11 in. end-to-end
- Weight: 2.5 lb.



WS 1,
WS 2 &
WSK 2



Hook/Ring



Plastic



3/4" Rings



2 1/2" Rings



Models	Cable O.D.	Insulation Thickness	Rplcmnt Blades
	(inch)	(mils)	
Hook/Ring			
WS 1	.320 to .740	45 to 125	CB 2 CB 1
WS 2	.750 to 1.300	45 to 125 125 to 200	CB 2 CB 1
WSK 2	.750 to 1.300	M 200	CB 8-2A & CB 19

NOTE: Max. O.D. is measured in inches.

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Phone 781-331-5500 • Fax 781-331-5508 • www.hydroninc.com

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STRIPPERS

WS 68 & WS 68 SNAP Power Driven End Strippers



- Ergonomic end stripping tools for 600 volt secondary cable - designed for use with a low or variable speed power drill
- Tools designed to reduce working time and effort on repetitive stripping functions
- New adjustable strip stop with adjustable window allows easy setup for precise strip lengths from 0.625 in. to 2.5 in.
- Uses standard 2x2 and 4x4 bushings: From #6 AWG to 500 MCM (concentric, compressed, or compacted)
- WS 68 SNAP adds a bushing quick disconnect feature eliminating the need for a hex wrench
- 3/8" & 1/2" square socket adapters available

	WS 68	WS 68 SNAP
Drill Adapter (s) incl. w/tool	1/4" hex for quick disconnect chucks	3/8"
Length	6.63 in.	8.5" w/bushing
Weight	10.4 oz.	1.25 lb w/bushing

IC 1, IC 2 URD Insulation Chamfer Tools



WS 5A Adjustable End Stripper



- Same basic function as the WS 5 model plus:
 - New adjustment stop with rotary mechanism - eliminates the need for hex wrench
 - New adjustment window allows easy setting of stop for precise strip lengths
- Strip lengths from 0.625 in. up to 2.5 in. maximum
- For 600 volt to 35 kV cables
- 0.260 to 1.265 in. Cable O.D.
- Strips XLPE, polyethylene, and EPR insulation up to 400 mils thick
- Precisions stripping of insulation only or with semicon over insulation
- Ideal for primary URD cable
- Guarded cutting blade prevents injury
- Accepts SW 2 ratchet wrench for leverage
- Length: 8 in. • Weight: 1.2 lb
- Replacement blade: CB 7-2

- For .650 to 1.875 in. cable O.D.
- Chamfers 15 to 35 kV cable
- Creates a 45° bevel, approximately .125 in. long
- For XLPE insulations
- Perfect for premolded splices, elbows and terminators
- Complete operation takes 10 seconds or less
- Adjusts easily to fit different cable insulations
- Blades are recessed to prevent injury and blade damage
- Replacement blades: CB 163

Model	Cable O.D. Range (over insulation)	Tool Dia.	Weight
IC 1	.650"-1.260"	3 1/2"	10 oz.
IC 2	1.250"-1.875"	4 3/16"	12.5 oz.

BP, A, BP 1A, BP 2A Adjustable Blade BANANA PEELER®



- Adjustable blade semi-con scoring tool
- Scoring depth from 1 to 90 mils
- For "strippable" semi-con URD cable shield
- One hand scoring of circumference and length
- Spring-loaded blade assembly assures consistent scoring depth
- Teflon coated cable guide
- Unique cartridge adapts to out-of-round cables
- Semi-con is cleanly removed with no damage to underlying insulation
- Convertible to a fixed setting
- U.S. Patent No. 4,955,137
- Replacement blade: 34130
- Length: 9.4 in.
- Weight: 13 oz.

Removal of Soft Rubber Jackets

Model	Cable O.D. Range
BP AR	.38 - .756
BP 1AR	.75 - 1.10
BP 2AR	1.25 - 1.95

Blade Dept Range is from 50 mils (.050") to 140 mils (.140")

Removal of Semi-Con

Model	Cable O.D. Range
BP A	.38 - .75
BP 1A	.75 - 1.10
BP 1AH	1.10 - 1.30
BP 2A	1.25 - 1.75
BP2AH	1.75 - 1.95
BP 2 AK	1.95 - 2.00

Blade Depth is from 1 mil (.001") to 90 mils (.090")

Other sizes available special order.

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STRIPPERS

RMS Remote Mid-Span Stripper

- Remote Mid-Span Stripper will quickly and safely remove insulation from tree wire & spacer cable with cable O.D.s of .600 to 1.75 in. and voltages of 15 Kv to 34.5 Kv
- Tool will mid-span strip any phase without removing the conductor from spacers
- Designed for one-man hand operation from a bucket
- The tool's head is surrounded by an insulated Delrin housing with an insulated stick and epoxy shaft connecting the head to the gear box
- Each cable size requires a separate bushing. Sample cable must be provided to determine correct bushing
- Each bushing comes with a wire gauge to ensure the proper bushing is used on the wire
- The hot stick can be fabricated to a variety of lengths as requested.
- Length: 7.21 in.
- Weight: .18 oz.



WS 64-U Adjustable Cable Stripper

- "Universal" tool for end stripping or mid-span stripping of outer jackets of insulating material
- End stripping and mid-span stripping with different blades (interchangeable)
- "Dual position" jaw for cable sizes from 1/2" up to 2 1/2" cable O.D. is versatile for electric utility applications
- Removes outer jacket on primary power cable (all major insulation shields)
- When using mid-span blade stripping version, caution must be used when end stripping concentric neutral cables
- Versatile design also includes ability to strip secondary and primary insulations
- Quickly and easily adjusts to cable size with spring loaded "trigger-action" jaw
- Micro adjustable blade allows accurate setup for a variety of insulation thicknesses
- Self feeding tool design allows easy and efficient operation with minimal effort
- Compact design for tighter work space requirements
- Rugged, all metal body design
- Length: 8 in.
- Weight: .19 lb.



No.	Function	Installed Blade
WS 64-U-E	End stripping only Outer jackets up to 2.5" OD Insulation to 1.5" OD, up to 35kv - 345 mils maximum thickness	CB 50K
WS 64-U-M	Mid Span/End Stripping Outer jackets up to 2.5" OD 175 mil maximum insulation/covering thickness	CB 236
WS 64-U-EM	End Strip and Mid Span Stripping	CB 50K installed CB 236 included

STT Secondary Torque Tool

- Designed with factory preset torque values to ensure accuracy
- Two models with two torque settings: 1) Maximum 30 ft. lbs. and Minimum 20 ft. lbs. 2) Maximum 40 ft. lbs. and Minimum 30 ft. lbs.
- Torque settings are changed by pushing the handle up and turning clockwise until tool stops. This sets the Maximum torque. Push the handle up and turn it counter-clockwise until it stops to set the minimum torque.
- Comes with 5/16" Hex wrench that snaps in the tool, allowing proper torque on different types of connectors
- Ratchet head helps tighten connectors in tight locations
- Simply reverse the wrench to loosen connectors
- Available in Insulated Head Only or Fully Insulated Tool
- Length: 9.75 in.
- Weight: 2 lb. 3 oz.



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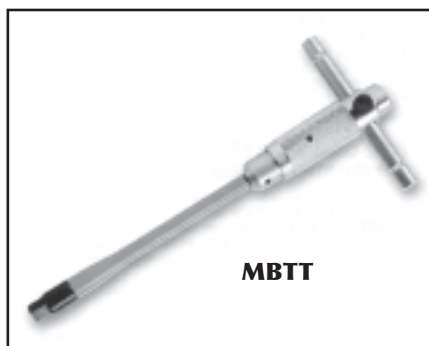
STRIPPERS

PIT 1T Load Break Elbow Probe Insertion Tool with 125 in.-lb torque delivery system



- For 15 to 35 KV elbow - small interface
- For quick and easy insertion of the probe inside the elbow
- Prevents load break probe contamination
- Prevents load break probe breakage
- Reduces cross threading
- Provides the proper tightening forces as recommended by the elbow manufacturers
- Multiple torque delivery system:
 - Delivers 125 inch - pound torque
 - Adjustable (Full "T" Handle or Moment arm for tight locations) and removable "T" handle
 - 7/8" steel drive and wrench or Channel Locks
 - 3/8" square drive socket
- Load Break Probe quickly removed by simply reversing the tightening action
- Available for all load break elbows
- U.S. Patent No. 5,605,082
- Length: 9.375 in.
- Weight: 1 lb 4 oz.

MBTT-150 Meter Base Torquing Tool



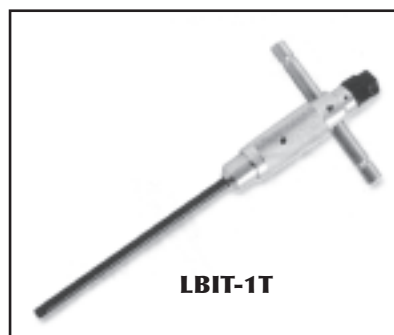
- Allows proper installation of Landis & Gyr "K" Base 3 Phase or similar meters without shorting, sparking or flashover
- Tool is insulated and isolated from meter base with composite shaft which is rated to 1000V
- Prevents over and under tightening with 150 in.-lb preset torque setting accurate to w/15 in.-lb
- 1/2" square socket drive accepts magnetic installation socket
- Adjustable tee handle
- **WARNING:** Do not use this tool for removal of un-torqued terminals or serious shaft damage may occur.
- 3/8" square socket torque test point
- Length: 13-3/4"
- Weight: 19 oz.

PIT 2 Load Break Elbow Probe Insertion Tool



- For 35 Kv Cooper Power Systems Load Break Elbow
- 1" hex on end of tool
- Prevents probe arc follower contamination
- Prevents probe arc follower breakage
- Provides a tight connection and reduces cross threading
- Available for all load break elbows
- Length: 10 in.
- Weight: 1 lb.

LBIT-1T Load Break Bushing Insertion Tool



- For 200 amp Bushing Inserts with internal hexagon socket drive
- Preset torque setting of 180 in.-lb (125 in.-lb optional; LBIT-1T-125)
- Secures Bushing Insert for positive installation and removal
- Available with hotstick eye (LBIT-1TR)
- Multiple Drive systems:
 - Adjustable "T" Handle
 - 3/8" square socket drive
 - 7/8" hexagon for wrench
- Length: 14 1/4"
- Weight: 21 oz.

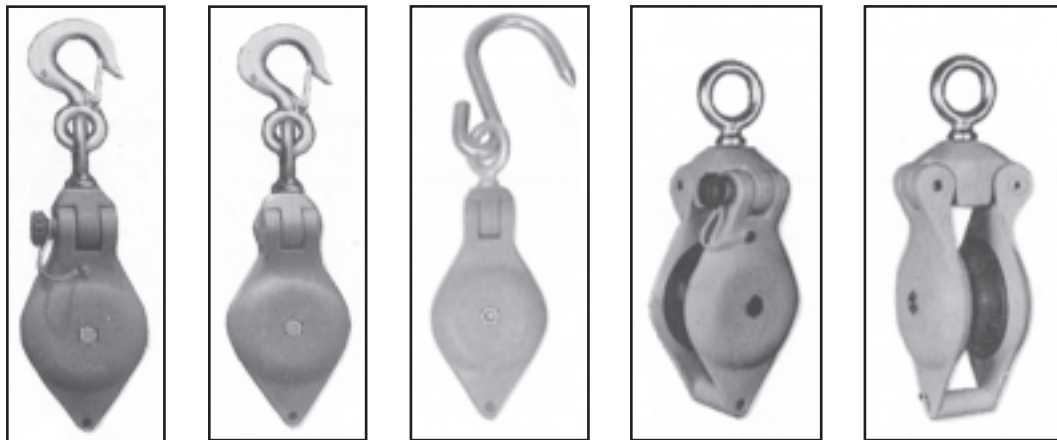
HYDRON INCORPORATED

HAND LINE BLOCKS



- Block and sheave constructed of rugged nylon fiberglass reinforced high di-electric material.
- Reinforced 1/2" diameter axle and swivel bearings.
- 3" sheaves—block can accommodate rope thru 5/8" dia.
- Provided with either side opening or closed block.
- Blocks are rated with 3-1 safety factor.*

*Recommended safe working load 1,000 lbs.



No. 3550 **No. 3551** **No. 3551-1** **No. 3553** **No. 3554**

*Recommended safe working load 1,000 lbs.

No.	Description	Wt.	No.	Description	Wt.
3550	Side Opening Block w/Swivel Hook and Safety Snap	1 3/4 lbs	3553	Side Opening Block w/Swivel Eye Only	1 1/4 lbs
3550-1	Side Opening Block w/Swivel Meat Hook	1 3/4 lbs	3554	Closed Block w/Swivel Eye Only	1 1/4 lbs
3551	Closed Block w/Swivel Hook and Safety Snap	1 3/4 lbs	10-147	Meat Hook only for blocks	1 lb
3551-1	Closed Block w/Swivel Meat Hook	1 3/4 lbs			

**LINE
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COMPLETE HAND LINES



Complete Hand Lines with your choice of above insulating blocks—Nos. 3550 or 3551. Includes length of 1/2" polypropylene rope. Hand Line Hook No. P10060 and Hand Line Snap No. P30142.

Hand Line No. 3550 Block				Hand Line No. 3551 Block			
No.	Working Height	Overall Rope Length	Wt.	No.	Working Height	Overall Rope Length	Wt.
3555	30 feet	60 feet	5 lbs	3558-1	30 feet	60 feet	4 1/2 lbs
3556	40 feet	80 feet	5 1/2 lbs	3559-1	40 feet	80 feet	5 lbs
3557	50 feet	100 feet	6 lbs	3560-1	50 feet	100 feet	5 1/2 lbs

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