### BLADES, STRIP BLOCKS AND REPLACEMENT PARTS FOR MODELS 2900/2940 **APPLICATION COMPLETE BLADE SETS INDIVIDUAL** CONDUCTOR O.D. WIRE O.D. **CUT AND STRIP** STRIP BLADE SETS Special Modification Kits or Cutter Heads may be required All custom blades require 20-30 feet of wire/cable sample **CUSTOM DIE STRIP BLADES** • Die blades provide the best strip quality out of our standard blades. **Set #2396** is best for general small wires from 20 – 12 AWG. **Set #2396-10** is best for larger wires ranging from 10-2 AWG. **Set #2396-11** are equipped with special butt cut blades and is best #2396 with 157 (.990") Cut for small solid wires ranging from 20-12 AWG. All Wires& Complete **Round Multi-Conductors Cut Blade Set** Strip Blade Set Gude Blade Set Blade Sets **HIGHEST STRIP QUALITY** #2396 #156 #170 #157 (990°) #2396-10 #169 #156 #170 #2396-11 #6906 #156 #170 #2396-10/-11 with 169 or 6906 (Butt Cut) #156 GROUND DIE BLADES for SMALL CABLE UNDER .250" O.D. • For thin stretchy, rubbery insulations such as Rubber, Silicone and soft Teflon. **Complet Set Cut Blades** Strip Blades **Guide Blades** #12156-01 #9663 **Rubbery Insulated** #156 #170 Multi-Conductors Under .250" Wire O.D. #12156-01 with 169 (Butt Cut) #9663 **HIGHEST STRIP QUALITY** GROUND DIE BLADES for LARGE CABLE OVER .250" O.D. • For thin stretchy, rubbery insulations such as Rubber, Silicone and soft Teflon. **Cut Blades Guide Blades** Complete Set Strip Blades **Rubbery Insulated** #12378-01 #169 #11082 #170 Multi-Conductors Over .250" Wire O.D. **HIGHEST STRIP QUALITY** #12378-01 #11082 FLAT CABLE STRIP BLADE SETUPS • For Flat Multi-Conductor Cables, Telefone Cords, Communication Complete Set **Cut Blade Set** Strip Blade Set **Guide Set** #18300-01 #2551 #9212 #170 Flat Multi-Conductor Cable Maximum Cable Dimmesnions .113" x .260" A special 5/16 Large Wire Kit is required for Maximum Dimensions

#18300-01

#9212

### BLADES, STRIP BLOCKS AND REPLACEMENT PARTS FOR MODEL 2900/2940-05

2-Stage Stripping

**Round Power Cord or Coaxial Cable** 

Up to .250" (6.3mm) O.D.

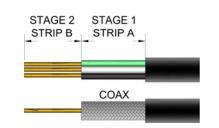
### SPECIAL STRIP BLADES FOR SINGLE OR 2 STAGE STRIPPING

### **APPLICATION**

(All custom blades require 20-30 feet of wire/cable sample)

### 2 STAGE STRIPPING BLADE SETS FOR CABLES UNDER .250" O.D. (6.3mm)

• For stripping the outer insulation and inner conductors of round 3 conductor cable in a single cycle. (Cable must not have any fillers)



сит		STAGE : Inner Co		STAGE Outer In	
Complete Set	Cutters	Strip B, Blad	es & Guides	Strip A, Blad	es & Guides
#18301-01	#169	#9663	#170	#156	#170
COAX CABLES					
#18302-01	#169	#9663	#170	#9663	#170

2 STAGE STRIPPING BLADE SETS FOR FLAT CABLES For Stripping the outer insulation and inner conductors of flat

STAGE 1

STRIP A

2 Conductor

STAGE 2 STRIP

Inner Conductors

3 Conductor

FLAT PARALLEL PRECISION STRIP BLADES

2 CONDUCTORS

**3 CONDUCTORS** 

#12225-03

#12225-03

#12225-03

#8782-03

#8782-03

• For stripping 2 and 3 parallel conductor wires.

Cutters

#2551

#2551

Strip B, Blades & Guides Strip A, Blades & Guides

#170

#170

#170

#170

#170

2551 Square cuts are best for all conductors under 18 AWG

**169** Butt Cut Blades are best for 12-10AWG conductors **6906** Butt Cut Blades are best for 18-14 Solid Conductors

STAGE 1 STRIP

Outer Insulation

#170

#170

#170

#170

#170

#9212

#9212

#9212

#9212

#9212

Strip Blade Set with Builtin GUides

#12225-03

#8782-03

STAGE 2

STRIP B

cables

Complete Set

#18303-01

#18303-02

#18303-03

#18304-01

#18304-02

Complete Set

#18305-01

#8783

#18309-02

#18310-01

Cutters

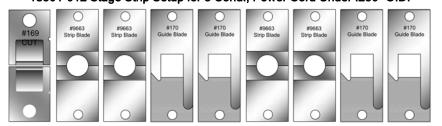
#169

#2551

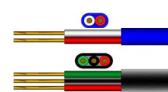
#6906

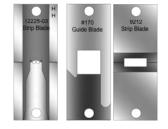
#169

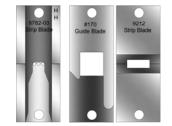
18301-012 Stage Strip Setup for 3 Cond., Power Cord Under .250" O.D.



18302-01 2 Stage Strip Setup for COAX under .250" O.D.



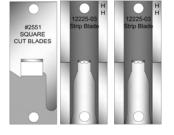




2-Stage Stripping Flat Multi-Conductor

(2 Conductor)

(3 Conductor)



#18305-01 (2 Conductor)

#8783 (3 Conductor)

#170 GUIDE

Parallel 2 & 3 Conductor



**Kevlar Reinforced** 

**Fiber Optic Cable** 

## KEVLAR REINFORCED FIBER OPTIC CABLE BLADE SETS

• For cutting and stripping round of flat kevlar reinforced Fiber Optic Cable

Single Conductor Fiber Optic						
Complete set	Cutters	Strip Blades	Guide Set			
#18306-01	#10213-90	#156	#170			
	Replaceme	nt Blade Set				
#18306-01	#10213-90	#156	#170			
Parallel or Flat Fiber Optic						
#18307-01	#10213-90	#12225-03	N/A			
Replacement Blade Set						
#18307-02	#10213-90	#12225-03	N/A			

• 18306-01 & 18307-01 Complete Blade Sets include: (1) 2887-90 Cutter Head and (1) 12017-04 Strip Block

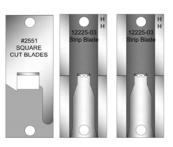
#2551

#2551

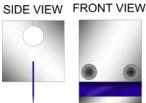
### #18306-01 (Single Conductor) #18307-01 (Parallel Conductor)

KEVLAR SHEAR PACKAGE with STRIP

STRIP

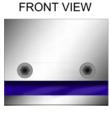


#8783



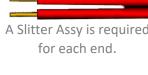


#170 GUIDE



#14123-90

2 Parallel **Conductor Slit** A Slitter Assy is required



			'			
#2551 SQUARE SUT BLADES	H H H H S782-03 Strip Blade	Brigade H H H STREET	SIDE VIEW	FRONT VIEW	FRONT VIEW	3 Parallel Conductor Slit  A Slitter Assy is rector for each end.

#14122-90



STRIP AND SLIT 2 CONDUCTOR BLADE SETS Strip and Slitts from .250"-1" Setup Complete Set #18308-01 Slitter Assembly Cut Blade Set Strip Blade Set #2551 #12225-03 #12603-90 Replacement Blade Set #12225-03 #18308-02 #2551 #12603-90 Strip and Slitts from 1.000"-1.250" Setup #18309-01 #2551 #12225-03 #13526-90 Replacement Blade Set

#12225-03

#8782-03

#13526-90

#14122-90

• 18308-01 & 18309-01 Complete Sets include (1) 2887 Cutter Head and (1) 15056 Strip Block STRIP AND SLIT 3 CONDUCTOR SETUPS

Strip and Slitts from .250"-1" Setup

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Replaceme	nt Blade Set	# 11122 GG
#18310-02	#2551	#8782-03	#14122-90
	Strip and Slitts From	⊢1.000- 1.250" Setu∣	p
#18311-01	#2551	#8782-03	#14123-90
	Replaceme	nt Blade Set	
#18311-02	#2551	#8782-03	#14123-90

18310-01 & 18311-01 Complete Sets include (1) 2887 Cutter Head and (1) 13845 Strip Block

### BLADES, STRIP BLOCKS AND REPLACEMENT PARTS FOR MODEL 2900/2940-05

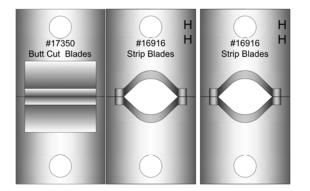
(PLEASE NOTE: 2940 & 4040 TOOLING WILL NOT FIT ON A 2900 OR 4000)

### 2940/4040 EXCLUSIVE LARGE WIRE STRIP BLADE SETS

### **APPLICATION**

(All custom blades require 20-30 feet of wire/cable sample)

2940 & 4040 LARGE WIRE STRIP BLADES .625" Max., O.D. (16mm)



18321-01 Standard Strip Blades for PVC insulated wires up to .625" O.D.

#16734

Strip Blades

#16734

Strip Blades

#17350

**Butt Cut Blades** 



Up to .625" (16mm) O.D.

STANDARD STRIP BLADE SET

Strip Blades & Guides Cutters #17350 #16916-01

• For standard large PVC insulated wires

Complete Set

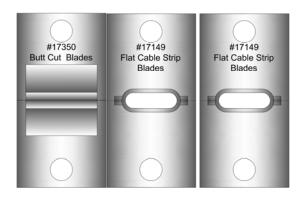
#18321-01

### PRECISION GROUND LARGE WIRE STRIP BLADES

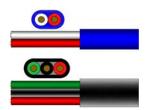
#18322-01

• For stripping thin or though to remove insulations. Also for rubbery insulations.

### 18322-01 Precision Ground Blades for thin or though insulations up to .625" O.D.



**For Stripping Flat Multi-Conductor** 



### FLAT MULTI-CONDUCTOR CABLE

For stripping the outer insulation and inner conductors of large flat Multi-Conductor Cables such as ROMEX

Complete Set	Cutters	Strip Blade Set
#18323-01	#17350	#17149

### 18323-01 Flat Large Cable Strip Blades



#16918 (Balance Blades) for 2940 & 4040

For Guide Blocks or where necessary

### BALANCE BLADES FOR 2940 & 4040

2940 and 4040 Cutter Heads cannot be operated without blades. Balance blades are used to fill slots where strip blades are not desired.

Also to be used as filler blades on 4040 Guide Blocks. Also to counter balance blade setups that are loaded to far right of any strip block.

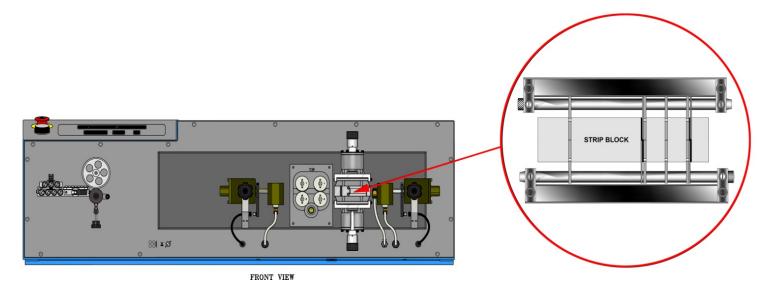
> Complete Set #16918

### **BLADES, STRIP BLOCKS AND REPLACEMENT PARTS FOR MODELS 2900 & 2940-05** (PLEASE NOTE: 2940 & 4040 TOOLING WILL NOT FIT ON A 2900 OR 4000) **APPLICATION INDIVIDUAL** CONDUCTOR O.D. WIRE O.D. (All custom blades require 20-30 feet of wire/cable sample) **CUT BLADES** STANDARD V-TYPE CUT BLADES • For wires from 20-12 AWG Cut Blade Set No. Recommended Wire Gauge Range #157 (.990") 20-12 AWG Solid or Stranded #157 Standard V-Type **FLAT** • For small AWG wires and flat parallel wires. Parallel or Flat Cable Cut Blade Set No. **AWG Wire Range** 20-12 AWG Width #2551 20-12 .290" (7.4mm) Solid or Stranded Flat Wire or Cable #2551 Square Cut FLAT CABLE STRIP BLADE SETUPS • For Lager AWG wires or Multi Conductors Round or Flat Cable Cut Blade Set No. **AWG Wire Range** O.D. or Width #169 18-2 .480" (12.2mm) 18-2 AWG #169 Butt Cut. FLAT CABLE STRIP BLADE SETUPS 18-14 AWG • For Small Wires or Flat Cables Solid or Stranded Cut Blade Set No. **AWG Wire Range** Flat Cable Width #6906 .290" (7.4mm) 18-14 **Flat Wire or Cable** #6906 Butt Cut Small Flat Cable. FLAT CABLE STRIP BLADE SETUPS • For Soft None Caseharden Steel Rope or Solid Steel wires. Solid Wire O.D. Cut Blade Set No. Steel Rope O.D. #6931 .062"- .125" .090" - .125" **Plastic Coated or Bare Steel Rope Soft Solid Steel Wire** #6931 Carbide Butt Cut FLAT CABLE STRIP BLADE SETUPS • For Kevlar reinforced Fiber Optic Glass or Plastic Cut Blade Set No. **Maximum Cable Dimensions** 10213-90 #10213-90 .113" x .260" **Kevlar Reinforced Fiber Optic Cable** #10213-90 Kevlar Shears (Requires Special Strip Block No. 12017-04 and 2887-90 Cutter Head) LARGE WIRE AND CABLE BUTT CUT BLADES FOR 2940 & 4040 • For Large wire and cable up to 2/0 AWG wires #17350 or .625"/16mm O.D. Multi Conductors Butt Cut Blades Round or Flat Cable Cut Blade Set No. **AWG Wire Range** O.D. or Width #17350 0 - 2/0.625" (16mm) 0 - 2/0 AWG#17350 Large Cable Butt Cut Blades 2940/4040

### **HOW TO SELECT STRIP BLOCKS FOR MODELS 2900-05 & 2940-05**

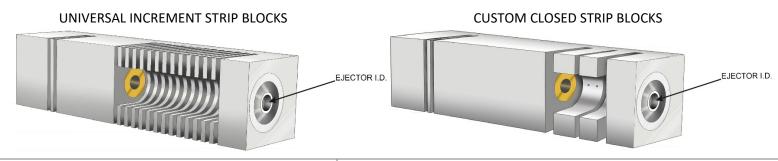
### WHAT IS A STRIP BLOCK?

The Strip Block holds the strip blades and produces the desired strip lengths on the 2900-05/2940-05. It is located on the Cutter Head of the stripper.



### **FOLLOW 3 EASY STEPS ON HOW TO SELECT STRIP BLOCKS**

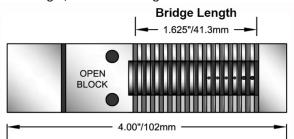
STEP 1: SELECT THE TYPE OF BLOCK, UNIVERSAL INCREMENT OR CUSTOM CLOSED.



### UNIVERSAL INCREMENT STRIP BLOCKS

Universal Increment Strip Blocks are mainly for high-mix, low-volume applications. These blocks allow for a variety of strip lengths by simply placing your strip blades in different increment slots. For example, a 1/8" increment strip block can produce any strip combination divisible by 1/8"; such as 1/4" x 1/2", 3/4" x 3/8" or 1" x 1".

Universal Strip Blocks come with short bridge lengths that require less wire guiding. These are ideal for short strip lengths under 1". For strip lengths, 1" and longer, select a full-length increment block.

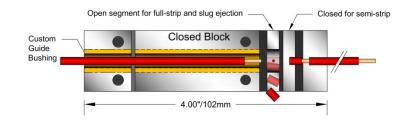


Universal Increment Strip Blocks require bridge guides for proper guiding of the wire through the block. (See page 8 for more details)

### **CUSTOM CLOSED STRIP BLOCK**

Custom Closed Strip Blocks are for high volume or high-precision stripping applications. Closed blocks are precisely hand machined to the customer's specification. Closed blocks allow for operating the stripper at a faster speed, thus increasing production. Typically, the blade mounting slots on custom blocks are double-wide. The wider slots are to accommodate both strip blades and guide sets in the same slot. Setups are quicker on closed blocks, and there is no need for bridge guides as they come with a built-in internal guide bushing.

Strip blocks can be specified for a full-strip or semi-strip, or a combination of both. A sample is in the illustration below.

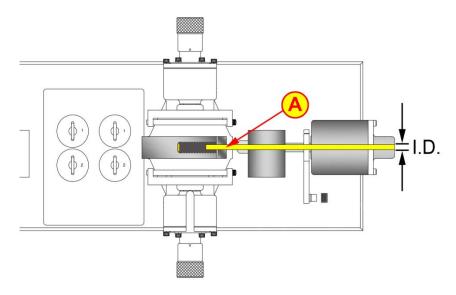


The standard block includes a single strip combination. Up to a maximum of 3 strip combinations can be added at an additional cost for each.

### STEP 2: SELECT THE EJECTOR I.D.

When selecting the block Ejector I.D., this is primarily based on the nominal range of the wire. See tables for the best ejector diameter based on wire AWG size range.

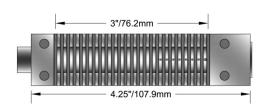
A: The strip block ejector may be equal or smaller in I.D. size, but not be greater than the I.D. of the right strip assembly on the machine. Additional size right strip assemblies or modification kits may be required.



### STEP 3: USE THE TABLES BELOW TO CROSS REFRENCE FOR BLOCK PART NUMBER.

### UNIVERSAL OPEN INCREMENT LONG STRIP BLOCKS For SMALL WIRES

Maximum Strip lengths 1.500." x 1.500" 38.1mm x 38.1mm



WIRE AWG SIZE	32-20 AWG	22-12 AWG	10-8 AWG	8 AWG	
EJECTOR I. D. SIZE  Ejector I.D.	<b>1/8"</b> .125"(3.2mm)	<b>3/16"</b> .187"(4.8mm)	<b>1/4"</b> .250"(6.4mm)	<b>5/16"</b> .313"(7.9mm)	
INCREMENT SIZE	STRIP BLOCK PART NUMBER				
3/32	4160	4161	4162	4163	
1/8	4164	4165	4166	4167	
5/32	4168	4169	4170	4171	
3/16	4172	4173	4174	4175	
7/32	4176	4177	4178	4179	
2.5mm	4180	4181	4182	4183	
3mm	4184	4185	4186	4187	
4mm	4188	4189	4190	4191	
5mm	4192	4193	4194	4195	
Custom Increments	2496	2494	2495	2497	

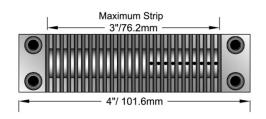
# CUSTOM CLOSED STRIP BLOCKS For SMALL WIRES 3.125"/79.3mm 4.25"/107.9mm

WIRE AWG SIZE	32-20 AWG	22-12 AWG	10-8 AWG	8 AWG		
EJECTOR I. D. SIZE  Ejector I.D	<b>1/8"</b> .125"(3.2mm)	<b>3/16"</b> .187"(4.8mm)	<b>1/4"</b> .250"(6.4mm)	<b>5/16"</b> .313"(7.9mm)		
	STRIP BLOCK PART NUMBER					
Specify Strip Dimmensions	2500	2498	2499	2501		

Price of custom blocks covers one strip combination. Add \$40.00 for each additional strip combination in the same block.

## UNIVERSAL OPEN INCREMENT LONG STRIP BLOCKS For LARGE WIRES Maximum Strip lengths

1.500." x 1.500" 38.1mm x 38.1mm

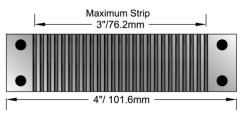


WIRE AWG SIZE	6 - 2 AWG
BLOCK I. D. HAS A FIXED 1/2", .500" (12.7MM) SIZE	
Block I.D. Side View	
INCREMENT SIZE	STRIP BLOCK PART NUMBER
1/8	4234
5/32	4235
3/16	4236
7/32	4237
3mm	4239
4mm	4240
5mm	4241
Custom Increments	2481

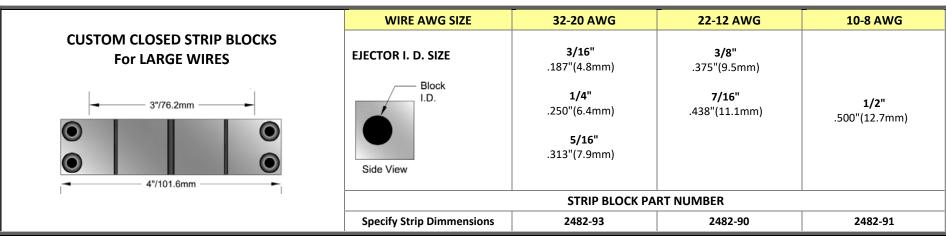
### UNIVERSAL CLOSED INCREMENT LONG STRIP BLOCKS For LARGE WIRES

Maximum Strip lengths 1.500." x 1.500"

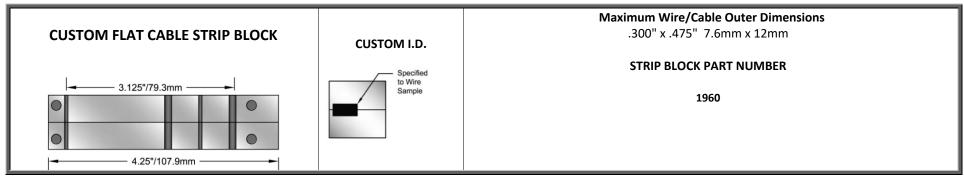
38.1mm x 38.1mm



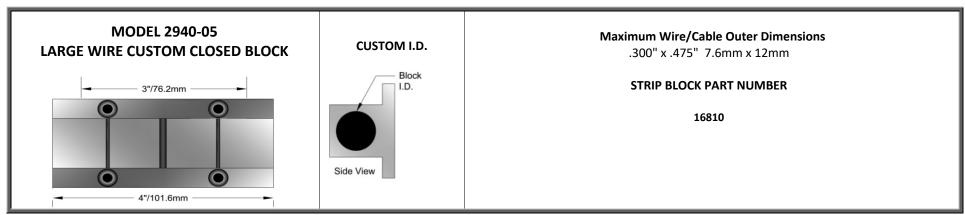
WIRE AWG SIZE	32-20 AWG	22-12 AWG	8 AWG	
Block I.D. Side View	<b>3/8"</b> .375"(9.5mm)	<b>7/16"</b> .438"(11.1mm)	<b>1/2"</b> .500"(12.7mm)	
INCREMENT SIZE	STRIP BLOCK PART NUMBER			
1/8	8117	8120	8122	
5/32	8123	8124	8126	
3/16	8127	8128	8129	
7/32	8130	8131	8132	
3mm	8134	8135	8136	
4mm	8137	8138	8139	
Custom Increments	8140	8141	8142	



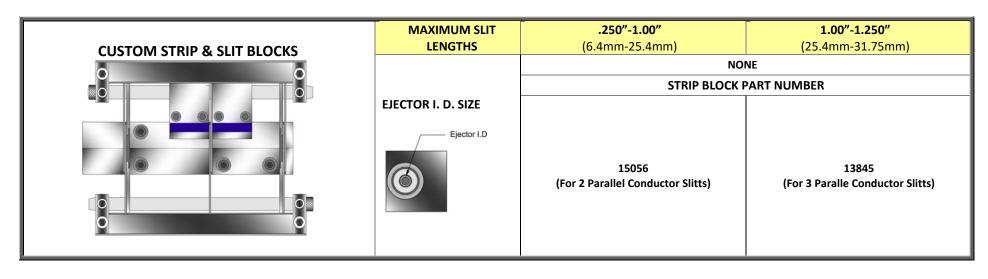
Price of custom blocks covers one strip combination. Add \$40.00 for each additional strip combination in the same block.



Price of custom blocks covers one strip combination. Add \$40.00 for each additional strip combination in the same block.



Price of custom blocks covers one strip combination. Add \$40.00 for each additional strip combination in the same block.



### Bridge Guides for Universal Open Increment Strip Blocks

Bridge Guide #1
.063"/1.6mm

Bridge Guide #2
.094"/2.4mm

Bridge Guide #3
.125"/3.2mm

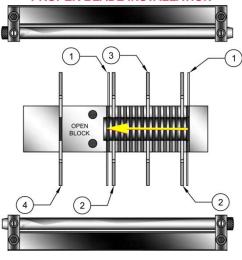
Bridge Guide #4
.172"/4.4mm

Bridge Guides are required when working with <u>open</u> universal increment strip blocks. The guides are for guiding smaller wires ranging from 32 to 12 AWG. The guides sustain and control wires with high-memory curve and help guide them across the strip block bridge. Without Bridge guides, high-memory curved wires can work their way out of the strip block's thus creating a wire jam. For the best setup, create a guide funnel using the closest Bridge guide to the wire O.D. on the far right, and use any larger guides on the left side. See sample illustration below.

PART NO.	DESCRIPTION	I.D. SIZE
3466	Bridge Guide Complete Set #1 - #5	.063"219"
3467	Bridge Guide #1	1/16"/.063"/1.6mm
3468	Bridge Guide #2	3/32"/.094"/2.4mm
3469	Bridge Guide #3	1/8"/.125"/3.2mm
3470	Bridge Guide #4	11/64"/.172"/4.4mm
3471	Bridge Guide #5	7/32"/.218"/5.5mm
3472	Bridge Guide Custom I.D.	(Specified to Sample)
3473	Bridge Guide (A)	.118"/3mm
3474	Bridge Guide (B)	.157"/4mm
3475	Bridge Guide (C) .197"/5mm	
3476	Bridge Guide (D) .236"/6mm	
3477	Bridge Guide (E) .276"/7mm	
3478	Bridge Guide (F)	.315"/8mm
3479	Bridge Guide (G) .354"/9mm	
1943	Bridge Guide Parallel Conductor	(Specified to Sample)

### WORKING FROM **RIGHT** TO LEFT

### PROPER BLADE INSTALLATION

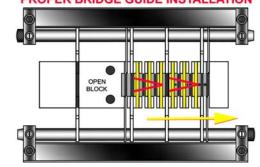


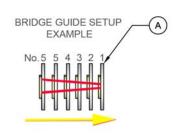
- 1: INSTALL 1<sup>ST</sup> #170 GUIDES
- 2: INSTALL 1<sup>ST</sup> SET OF STRIP BLADES (TRAIL STRIP)
- 3: INSTALL CUT BLADES
- 2: INSTALL 2<sup>ND</sup> SET OF STRIP BLADES (LEAD STRIP)
- 1: INSTALL 2<sup>ND</sup> SET OF 170 GUIDES
- 4: INSTALL #1933 BALANCE BLADE SET

### WORKING FROM LEFT TO RIGHT

A: BASED ON WIRE O.D. CREATE A GUIDE FUNNEL (>) USING THE LARGEST BRIDGE GUIDE AND ENDING WITH THE BRIDGE GUIDE NEAREST THE WIRE DIAMETER.

### PROPER BRIDGE GUIDE INSTALLATION





### ADDITIONAL CUTTER HEAD TOOLING AND SPARE PARTS

	Strip Block Adapto		
PART NO.	DESCRIPTION	Internal Diameter Size	000000000000
16757-01	Adapter Plate small strip blocks 2940/4040.	N/A	000000000000000000000000000000000000000
2639	Adapter Block Left 2600/2700	1/4"/.250"/6.3mm	#10683-xx
2641	Adapter Block Left 2600/2700	5/16"/.313"/7.9mm	#2639
716	Adapter Block Right 2600	3/8"/.375"/9.5mm	2700 Adapter Blocks  Adapter Block
10683-11	Adapter Block Right 2700	.136"/3.4mm	I.D. Side View
10683-12	Adapter Block Right 2700	.199"/5mm	#2639 #716 #716
10683-13	Adapter Block Right 2700	.277"/7mm	2600 Adapter Blocks
	Blade Holders		
PART NO.	DESCRI	2.25*/57.2mm	
77	Blade Holde (For all 2.250" Lo	2.750°/69.9mm	
76	Replacement Pin fo		
63604-01	Blade Holder Assembly (For all 2.750" Long Strip Blocks)		2.25'/57.2mm — D
63603	Replacement Pin for #63604-01 Blade Holders		2.750"/69.9mm
682	Blade Holder Assembly (For all 4" Long Strip Blocks)		3.5'/88.9mm
684	Replacement Pin for #682 Blade Holders		47/101.6mm
787	Blade Holder Assembly (For all 4.500" Long Strip Blocks)		1°/25.4mm
2014	Replacement Pin for #787 Blade Holders		4.502 / 115.9(1)(1)
7671	Replacement Blade Holder Lug (For all Blade Holders)		Blade Holder Side View
16501	Plunger Detent 10 (For Blade F		<b>(</b>