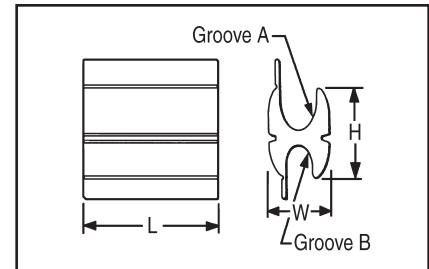
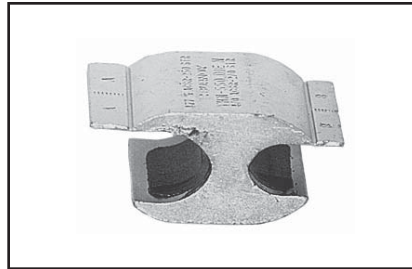


TYPE YHN & YHR

HYCRIMP™

Accommodates: Aluminum (STR, Compressed, Compact) Copper, ACSR, AACR and Steel

Material: Aluminum



RUS Accepted

N Die Connectors*													
Catalog Number	Conductors (See Below for Compact Conductors)							Dimensions			Installation Data		
	Groove A (Run)			Groove B (Tap)							Tool, Die Set Catalog No. & (# of Crimps)		
	Wire Diameter Range	Str.	ACSR	Wire Diameter Range	Sol.	Str.	ACSR				Y35, Y750	Y45	Y46
								H	L	W			
YHN-450	0.52 - 0.75	4/0 - 400	4/0 (6/1) - 397.5 (18/1)	0.52 - 0.75	336 - 477	4/0 - 400	266.8 (26/7) - 477	1.86	3.50	1.25	U-N (3)	S-N (3)	P-N (3)
YHN-500	0.52 - 0.81	4/0 - 500	4/0 (6/1) - 477.0 (18/1)	0.16 - 0.45	#6 - 3/0	#6 - 2/0	#6 (6/1) - 2/0 (6/1)	1.96	1.62	1.28	U-N (2)	S-N (2)	P-N (2)
YHN-525	0.52 - 0.81	4/0 - 500	4/0 (6/1) - 477.0 (18/1)	0.52 - 0.81	-	4/0 - 500	266.8 (26/7) - 556.5	1.82	4.50	1.23	U-N (3)	S-N (3)	P-N (3)
YHN-550	0.57 - 0.81	250 - 500	266.8 (18/1) - 477.0 (18/1)	0.41 - 0.50	3/0 - 300	2/0 - 4/0	2/0 (6/1) - 266.8	1.90	2.00	1.28	U-N (2)	S-N (2)	P-N (2)
YHN-600	0.57 - 0.81	250 - 500	266.8 (18/1) - 477.0 (18/1)	0.57 - 0.68	336 - 400	266 - 336.4	300.0 (26/7) - 397.5	2.00	3.50	1.28	U-N (3)	S-N (3)	P-N (3)

Compact Conductors								Installation Data		
Catalog Number	Groove A (Run)			Groove B (Tap)			Die Index	Tool, Die Set Catalog No. & (# of Crimps)		
	Wire Diameter Range	Compressed ACSR	Compact CU or AL	Wire Diameter Range	Compressed ACSR	Compact CU or AL		Y35, Y750	Y45	Y46
YHN-450	0.52 - 0.75	266.8 - 477	250 - 500	0.52 - 0.75	266.8 - 336.4	250 - 500	N	U-N (3)	S-N (3)	P-N (3)
YHN-500	0.52 - 0.81	266.8 - 556.5	250 - 556	0.16 - 0.45	266.8 - 336.4	#6 - 3/0	N	U-N (2)	S-N (2)	P-N (2)
YHN-525	0.52 - 0.81	266.8 - 556.5	250 - 556	0.52 - 0.81	266.8 - 336.4	250 - 556	N	U-N (3)	S-N (3)	P-N (3)
YHN-550	0.57 - 0.81	300 - 556.5	300 - 556	0.41 - 0.56	2/0 - 266.8	3/0 - 266.8	N	U-N (2)	S-N (2)	P-N (2)
YHN-600**	0.57 - 0.81	300 - 556.5	300 - 556	0.57 - 0.68	336.4	300 - 397.5	N	U-N (3)	S-N (3)	P-N (3)

R Die Connectors*													
Catalog Number	Conductors (See Below for Compact Conductors)							Dimensions			Tool, Die Set Catalog No. & (# of Crimps)		
	Groove A (Run)			Groove B (Tap)									
	Wire Diameter Range	Str.	ACSR	Wire Diameter Range	Sol.	Str.	ACSR				Y45	Y46	
	H	L	W										
YHR-700	.666 - .893	336 - 600	300 - 556 (18/1)	.398 - .684	3/0 - 350	2/0 - 350	1/0 - 336.4 (18/1)	3.04	3.50	1.74	S-KR (3)	P-KR (3)	
YHR-750	.666 - .893	336 - 600	300 - 556 (18/1)	.666 - .893	N/A	350 - 600	300 - 556 (18/1)	3.04	4.62	1.74	S-KR (4)	P-KR (4)	
YHR-800	.879 - 1.108	600 - 900	556.5 (18/1) - 795 (26/7)	.398 - .684	3/0 - 350	2/0 - 350	1/0 - 336.4 (18/1)	3.05	3.50	1.74	S-KR (3)	P-KR (3)	
YHR-850	.879 - 1.108	600 - 900	556.5 (18/1) - 795 (26/7)	.666 - .893	N/A	350 - 600	300 - 556 (18/1)	3.04	4.62	1.74	S-KR (4)	P-KR (4)	
YHR-900	.879 - 1.108	600 - 900	556.5 (18/1) - 795 (26/7)	.879 - 1.108	N/A	600 - 900	556.5 (18/1) - 795 (26/7)	2.97	4.62	1.74	S-KR (4)	P-KR (4)	
YHR-950	.666 - 1.165	336 - 1000	556.5 (18/1) - 954 (45/7)	.666 - 1.165	N/A	336 - 1000	336.4 (18/1) - 954 (45/7)	3.14	6.00	1.66	S-KR (5)	P-KR (5)	

Compact Conductors							Installation Data		
Catalog Number	Groove A (Run)			Groove B (Run)			Die Index	Tool, Die Set Catalog No. & (# of Crimps)	
	Wire Diameter Range	Comp. ACSR	Compact CU or AL	Wire Diameter Range	Comp. ACSR	Compact CU or AL		Y45	Y46
YHR-700	.666 - .893	397 - 636	477 - 636	.398 - .684	2/0 - 397 (18/1)	3/0 - 397.5	KR	S-KR (3)	P-KR (3)
YHR-750	.666 - .893	397 - 636	477 - 636	.666 - .893	397 - 636	477 - 636	KR	S-KR (4)	P-KR (4)
YHR-800	.879 - 1.108	795 - 954	795 - 954	.398 - .684	2/0 - 397 (18/1)	3/0 - 397.5	KR	S-KR (3)	P-KR (3)
YHR-850	.879 - 1.108	795 - 954	795 - 954	.666 - .893	397 - 636	477 - 636	KR	S-KR (4)	P-KR (4)
YHR-900	.879 - 1.108	795 - 954	795 - 954	.879 - 1.108	795 - 954	795 - 954	KR	S-KR (4)	P-KR (4)
YHR-950	.666 - 1.165	-	-	.666 - 1.165	N/A	-	KR	S-KR (5)	P-KR (5)

* HYCRIMP™ connectors can be installed with competitive R dies.

** Die Index S-T and S-Z may also be used on sizes 700 - 900 only. S-KR required for 950 and S-Z.

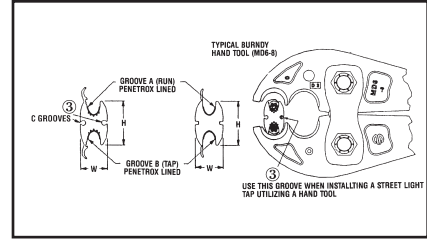
For faster installations use BURNDY® PATRIOT® family of battery tools.

Not recommended for copper to copper applications. Use a copper connector to increase connection life.

Blue highlighted items are industry standard and most frequently ordered.

LOKTAP™

LOKTAP™ compression connectors are high quality, range-taking devices which accommodate combinations of aluminum to copper, and aluminum to aluminum conductors. BURNDY seven connector program accommodates a conductor range from #6 Sol. to 4/0 ACSR. In addition, LOKTAP™ products feature a “C” groove on both sides of the connector for use in street lighting applications from #14 Sol. to #10



Sol. LOKTAP™ connectors are designed to be installed with BURNDY mechanical or hydraulic tools and matching O and D3 die set.

H-30

Handtool or Hydraulic 7 Connector Program ①														
Catalog Number	① Code No.	Conductors (See Below for Compact Conductors)								Dimensions			Installation Data	
		Groove A (Run)				Groove B (Tap)							② MD7, MD6	Y35, Y750, Y45†, Y46‡
		Wire Diameter Range	Sol.	Str.	ACSR	Wire Diameter Range	Sol.	Str.	ACSR					
		H	L	W										
YHO-1	1	0.162 - 0.332	#6 - #1	#6 - #1	#6 - #2	0.162 - 0.332	#6 - #2	#6 - #2	#6 - #2	1.11	1.25	0.67	(4)	U-O (2)
YHO-2	2	0.260 - 0.419	#1 - 2/0	3 - 2/0	#3 - 1/0	0.162 - 0.332	#6 - #2	#6 - #2	#6 - #2	1.12	1.50	0.64	(5)	U-O (2)
YHD-3	3	0.398 - 0.470	3/0 - 4/0	2/0 - 3/0	1/0 - 2/0	0.162 - 0.332	#6 - #2	#6 - #2	#6 - #2	1.47	1.88	0.76	(5)	UD3 (2)
YHD-4	4	0.336 - 0.470	2/0 - 4/0	1 - 3/0	#1 - 2/0	0.336 - 0.477	#1 - 2/0	#1 - 2/0	#1 - 2/0	1.42	1.88	0.83	(5)	UD3 (2)
YHD-5	5	0.475 - 0.563	250 - 300	4/0	3/0 - 4/0	0.162 - 0.332	#6 - #2	#6 - #2	#6 - #2	1.47	1.88	0.87	(5)	UD3 (2)
YHD-6	6	0.461 - 0.563	250 - 300	3/0 - 4/0	3/0 - 4/0	0.336 - 0.447	#1 - 2/0	#1 - 2/0	#1 - 2/0	1.42	2.25	0.83	(6)	UD3 (3)
YHD-7	7	0.461 - 0.563	250 - 300	250 - 300	3/0 - 4/0	0.461 - 0.563	3/0 - 4/0	3/0 - 4/0	3/0 - 4/0	1.40	2.52	0.84	(7)	UD3 (3)
YHO-10**	—	0.232 - 0.419**	#2 - #1**	#4 - 2/0**	#4 - 1/0	0.232 - 0.419**	#4 - 1/0**	#4 - 1/0**	#4 - 1/0	1.18	1.50	0.68	(4)	U-O (2)

Compact Conductors								Installation Data		
Catalog Number	① Code No.	Groove A (Run)			Groove B (Tap)			Tool, Die Set Catalog No. & (# of Crimps)		Die Index
		Wire Diameter Range	Compact ACSR	Compact CU or AL	Wire Diameter Range	Compact ACSR	Compact CU or AL			
								② MD7, MD6	Y35, Y750, Y45†, Y46‡	
YHO-1	1	0.162 - 0.332	#6 - 1	#6 - #1	0.162 - 0.332	#6 - #1	#6 - #1	(4)	U-O (2)	O
YHO-2	2	0.260 - 0.419	#2 - 1/0	#2 - 2/0	0.162 - 0.332	#6 - #1	#6 - #1	(5)	U-O (2)	O
YHD-3	3	0.398 - 0.470	2/0 - 3/0	3/0	0.162 - 0.332	#6 - #1	#6 - #1	(5)	UD3 (2)	D3
YHD-4	4	0.336 - 0.470	1/0 - 3/0	1/0 - 3/0	0.338 - 0.447	1/0 - 2/0	1/0 - 3/0	(5)	UD3 (2)	D3
YHD-5	5	0.475 - 0.563	4/0 - 266	4/0 - 256	0.162 - 0.332	#6 - #1	#6 - #1	(5)	UD3 (2)	D3
YHD-6	6	0.461 - 0.563	3/0 - 266.8	4/0 - 266	0.338 - 0.447	1/0 - 2/0	1/0 - 3/0	(6)	UD3 (3)	D3
YHD-7	7	0.461 - 0.563	3/0 - 266.8	4/0 - 266	0.461 - 0.563	3/0 - 266.8	4/0 - 266	(7)	UD3 (3)	D3
YHO-10**	—	0.232 - 0.419**	#4 - 2/0	#2 - 2/0**	0.232 - 0.419**	#4 - 2/0	#2 - 2/0**	(4)	U-O (2)	O

Handtool or Hydraulic 4 Connector Program													
Catalog Number	Conductors (See Below for Compact Conductors)								Dimensions			Installation Data	
	Groove A (Run)				Groove B (Tap)							Tool, Die Set Catalog No. & (# of Crimps)	
	Wire Dia. Range	Sol.	Str.	ACSR	Wire Dia. Range	Sol.	Str.	ACSR					
	H	L	W	Y35, Y750, Y45†, Y46‡									
YHO125	.162 - .398	#6 - 2/0	#6 - 1/0	#6 - 1/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.15	1.62	.70	U-O (2)	
YHD-5	0.475 - 0.563	250 - 300	4/0	3/0 (6/1) - 4/0 (6/1)	0.162 - 0.332	#6 - 2	#6 - 2	#6 - #2	1.47	1.88	0.87	UD3 (2)	
YHD-6	0.461 - 0.563	250 - 300	3/0 - 4/0	3/0 (6/1) - 4/0 (6/1)	0.336 - 0.447	#1 - 2/0	#1 - 2/0	#1 - 2/0	1.42	2.25	0.83	UD3 (3)	
YHD-7	0.461 - 0.563	250 - 300	250 - 300	3/0 (6/1) - 4/0 (6/1)	0.461 - 0.563	3/0 - 4/0	3/0 - 4/0	3/0 - 4/0	1.40	2.52	0.84	UD3 (3)	

Compact Conductors							Installation Data	
Catalog Number	Groove A (Run)			Groove B (Tap)			Tool, Die Set No. & (# of Crimps)	Die Index
	Wire Dia. Range	Compact ACSR	Compact CU or AL	Wire Dia. Range	Compact ACSR	Compact CU or AL		
							Y35, Y750, Y45†, Y46‡	
YHO125	.162 - .398	#6 - 1/0	#2 - 2/0	.126 - .332	#6 - #1	#6 - #1	U-O (2)	O
YHD-5	0.475 - 0.563	4/0 - 266	4/0 - 256	.162 - 0.332	#6 - #1	#6 - #1	UD3 (2)	D3
YHD-6	0.461 - 0.563	3/0 - 266.8	4/0 - 266	.338 - 0.447	1/0 - 2/0	1/0 - 3/0	UD3 (3)	D3
YHD-7	0.461 - 0.563	3/0 - 266.8	4/0 - 266	.461 - 0.563	3/0 - 266.8	4/0 - 266	UD3 (3)	D3

① See page H-27 for Seven Connector Selector Chart.
 ② PERMANENT DIES IN TOOL INSTALL ALL SIZES.
 ③ “C” grooves accommodate #10 Sol.-#14 Sol. range, .116”-.064”. No “C” grooves on Cat. #YHO125. When utilizing “C” groove(s) apply PENETROX™ A13 prior to wire installation. If utilizing two (2) “C” groove taps, installation to be made with HYDRAULIC TOOL ONLY. All four (4) grooves CANNOT be utilized if using a hand tool. When hand tool is used, only one (1) “C” groove can be used; connector MUST be positioned as shown in drawing.

** YHO-10: These ranges are for aluminum only.
 Use only #4 Str. concentric copper tap.

† U Die with adapter PT-6515.
 ‡ U Die with adapter PUADP-1.

US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487