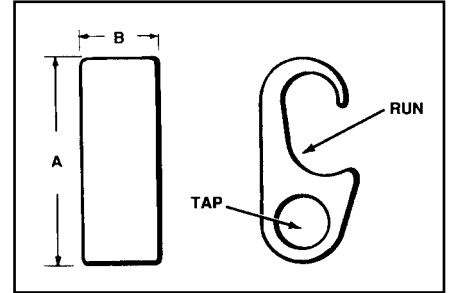


BURNDY® Grounding Products

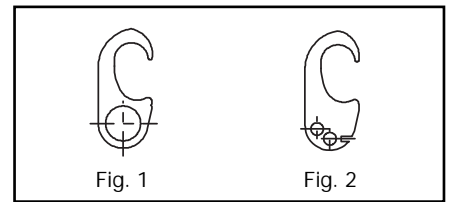
TYPE YGHP-C

HYTAP™ CONNECTOR

Irreversible compression ground tap figure 6 can be used as a tap connector or as a tap splice connector. Four die sets and eight connectors can accommodate a conductor range from #8 solid through 500 kcmil plus 1/2", 5/8", and 3/4" copper bonded ground rods. UL467 Listed. Acceptable for direct burial in earth and concrete. Prefilled with PENETROX™ compound and strip sealed.



✓ UL96 Listed for Lightning Protection.



CATALOG NUMBER	FIG. NO.	ACCOMMODATES				B	DIE INDEX NO.	INSTALLATION DATA				
		RUN		TAP				Y750/Y35 Y39 HYPRESS™	PAT750-18V	③ Y45 HYPRESS™	④ Y46 HYPRESS™	NO. OF CRIMPS
		⑤	⑥	⑤	⑥							
YGHP2C2	1	#6 SOL. (0.162) (59500) – #2 STR. (0.292) (59500)	① #6 SOL. (0.162) (#2 STR.) – #2 STR. (0.292) (#2 STR.)	—	—	0	U0	U0	U0	U0	1	
YGHP2C6W6W⑧	2	#6 SOL. (0.162) – #2 STR. (0.292)	#8 SOL. (0.128) – 6 STR. (0.184) QTY. 2	—	—	.75 [19]	U997	⑦ U997P	U997	U997	1	
YGHP29C6W6W⑧	2	1/0 STR. (0.372) (98500) – 250 kcmil (0.575) (131500) 1/2" – 5/8" ROD	#8 SOL. (0.128) – 6 STR. (0.184) QTY. 2	#3 REBAR 3/8	#8 SOL. – 6 STR.							
YGHP29C2	1		#4 SOL. (0.204) (#4 SOL.) – #2 STR. (0.292) (#2 STR.)	THRU	#2 STR.							
YGHP29C26	1		1/0 STR. (0.372) (98500) – 2/0 STR. (0.419) (98500)	1/2	1/0 STR. – 2/0 STR.							
YGHP29C29 ②	1	250 kcmil (0.575) (250 kcmil) – 500 kcmil (0.813) (500 kcmil) 5/8" – 3/4" ROD	3/0 STR. (0.470) (131500) – 250 kcmil (0.575) (211500)	#4 REBAR	3/0 STR. – 250 kcmil							
YGHP34C2 ⑥	1		#4 SOL. (0.204) – #2 STR. (0.292)	#5 REBAR 5/8	—							
YGHP34C26 ⑥	1		1/0 STR. (0.372) (98500) – 2/0 STR. (0.419) (98500)	THRU	1/0 STR. – 2/0 STR.							
YGHP34C29 ⑥	1	250 kcmil (0.575) – 500 kcmil (0.813) 5/8" – 3/4" ROD	3/0 STR. (0.470) (131500) – 250 kcmil (0.575) (211500)	3/4	3/0 STR. – 250 kcmil							
YGHP34C34 ⑥	1		350 kcmil (0.681) – 500 kcmil (0.843)	#6 REBAR	350 kcmil – 500 kcmil	1.10 [28]	1011	⑥U1011	U1011	S1011	P1011	3

Dimensions in brackets { } represent lightning protection conductors.

NOTES:

- When using #6 SOL. in tap, fold conductor double to improve fill in YGHP2C2.
- For YGHP29C29 when using 3/0 in tap, minimum run conductor is 2/0 STR.
- Where a 'U' or 'PU' die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.
- Where a 'U' or 'PU' die is recommended with the Y45 HYPRESS™, a P-UADP-1 adapter must be used.
- Clean rust and protective coatings from rebar before connector installation to provide a proper ground connection. Pre-crimping is not required.
- These connectors can only be installed using the Y750, Y45 or Y46 HYPRESS™ with the recommended dies. These connectors can not be installed with the Y35 and Y39 HYPRESS™.
- Polarized die for the PAT750-18V.
- Not UL96/CSA.

GROUND ROD DIA.	PRECRIMP DIES	
1/2"	UPRECRIMP 12	U2CABT
5/8"	UPRECRIMP 58	
3/4"	UPRECRIMP 34	

For increased rotational resistance on ground rods, pre-crimp ground rod with U2CABT die Index 348 or uprecrimp dies may be used for even greater rotation and vibration resistance on ground rods.

CABLE TO GROUND ROD
CABLE TO REBAR
CABLE TO CABLE
FOR CONCRETE ENCASED
ELECTRODE GROUNDING
APPLICATIONS

Throughout the catalog you will notice blue highlighted items. These are the most frequently ordered BURNDY® Products.

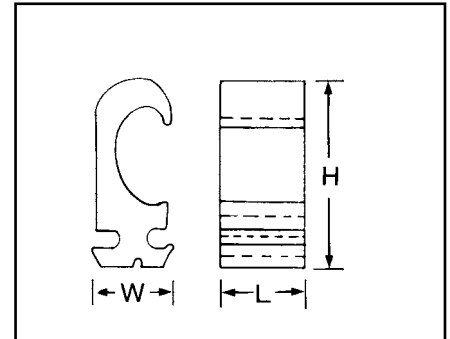
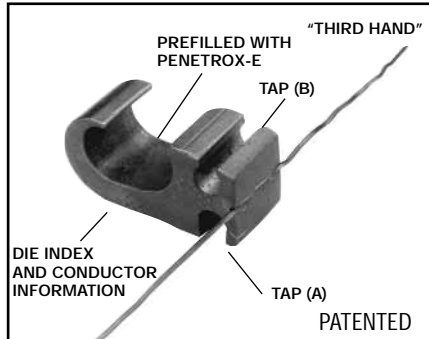
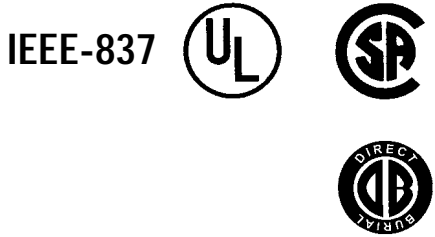
TYPE YGHP-C

HYTAP™ CONNECTOR

High Strength
Copper Irreversible
Compression

Ground Rod Tap
Connector

Type YGHP-C irreversible compression ground tap figure 6 can be used as a ground rod tap connector for both continuous run and tapping applications. An open groove allows ground rod to be connected to a continuous run or tap. The second groove is for a tap only. Prefilled with PENETROX-E™ and strip sealed. UL467 Listed for direct burial in earth or concrete.

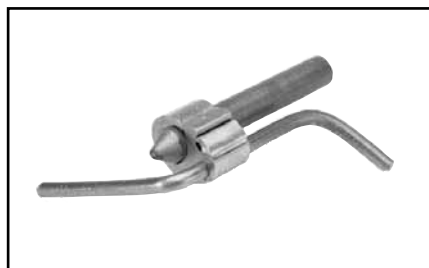


Features and Benefits

- Tap (A) accepts a continuous run on tap conductor
Tap (B) accepts a tap conductor only.
 - ◇ One connector style can be used for many applications, reducing number of connectors in inventory.
- Material is high conductivity wrought copper extrusion, identical material to the conductor.
 - ◇ High-conductivity copper minimizes resistance and voltage drop. Eliminates the possibility of corrosion due to dissimilar metals.
- System engineered tooling.
 - ◇ The tooling recommendation has been designed to ensure a reliable, dependable connection every time.
- The die index number is embossed on conductor after completion of crimp.
 - ◇ Facilitates speedy inspection of installed connectors to insure consistently reliable and dependable connections.
- Prefilled with PENETROX™ and individually sealed in clear polyethylene sheet.
 - ◇ Ensures the electrical integrity of the finished connection by inhibiting moisture and contaminants from entering the contact area. Maintains long-term high-conductivity.
- UL467 Listed.
 - ◇ May be used in direct burial or concrete embedded grounding applications. Provides quality assurance to recognized industry NEC standards from an independent party.
- "Third Hand" constrains conductors while installer completes crimp. Included with each connector.
 - ◇ Simplifies installation, reducing installed cost.



SINGLE TAP



CONTINUOUS RUN



CONTINUOUS RUN AND TAP

Catalog Number	Ground Rod Dia. ■	Tap Conductor +	Dimensions			▲ Installation Tooling				Die Index
						Y35/Y750/PAT750		Y46 •		
			H	B	W	Die No.	No. of Crimps	Die No.	No. of Crimps	
YGHP58C2W-2	1/2" - 5/8"	#2 Sol. - #6 Sol. Copper	1.90"	.75"	.94"	U997	(1)	U997	(1)	997
YGHP58C2W-2TN		(1) Continuous run and (1) Tap or up to (2) taps may be connected.								

NOTE: A 12" bend radius is recommended for the conductor.
 • Use PUADP-1 with 'U'-dies in Y46.
 ▲ See tooling section in Master Catalog for complete tool and die listing.
 + Either tap position may be left void when fewer than (2) conductors are used.

■ Ground rod must be precrimped with die U2CABT (Index No. 348).
 For even greater rotational resistance use U-PRECRIMP die.
 For Galvanized Steel Rods order YGHP58C2W-2TN.

Throughout the catalog you will notice blue highlighted items. These are the most frequently ordered BURNDY® Products.

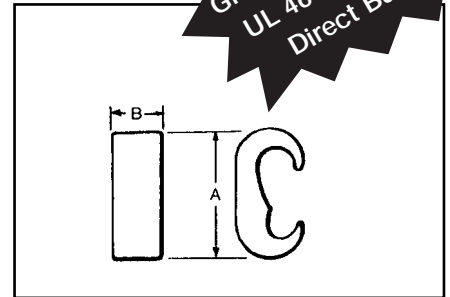
BURNDY® Grounding Products



TYPE YGHC-C

HYTAP™ CONNECTOR

Irreversible compression ground tap figure "C" connectors. Accommodates all cable combinations from #6 solid through 500 kcmil. "C"-shaped opening permits placing two continuous parallel cables into conductor groove. UL 467 Listed. Acceptable for direct burial in earth or concrete. Prefilled with PENETROX™ compound and strip sealed. Certain sizes are also UL 467 Listed for wire to ground rod.



IEEE-837



UL96 Listed for Lightning Protection.

Catalog Number	Commercial Copper Cable Range/ Ground Rod to Copper Cable		Stranded Copper Cable Range		A	B	Die Index No.	Installation Data			No. of Crimps
	Run	Tap	Run	Tap				Y750/Y35/ PAT750/Y39 HYPRESS™	① Y45 HYPRESS™	② Y46 HYPRESS™	
								U-C	U-C	U-C	
YGHC2C2	#6 Sol. (0.162) #2 Str. (0.292) 1/4" Rod ⑦	#6 Sol. (0.162) #2 Str. (0.292)	10 mm ² (4.12 mm) 35 mm ² (7.62 mm)	10 mm ² (4.12 mm) 35 mm ² (7.62 mm)	1.16 [30]	0.75 [19]	C	U-C	U-C	U-C	1
YGHC26C2	1 Str. (0.328) {98500} 2/0 Str. (0.419) {98500} 3/8" Rod ⑦	#6 Sol. (0.162) {#6 Sol.} #2 Str. (0.292) {#2 Str.}	35 mm ² (7.62 mm) 70 mm ² (10.9 mm)	10 mm ² (4.12 mm) 35 mm ² (7.62 mm)	1.41 [36]	0.75 [19]	0	U-O	U-O	U-O	1
YGHC26C26	1 Str. (0.328) {98500} 2/0 Str. (0.419) {98500} 3/8" Rod ⑦	1 Str. (0.328) {98500} 2/0 Str. (0.419) {98500}	35 mm ² (7.62 mm) 70 mm ² (10.9 mm)	35 mm ² (7.62 mm) 70 mm ² (10.9 mm)	1.54 [39]	0.75 [19]	0	U-O	U-O	U-O	1
YGHC29C26	3/0 Str. (0.470) {3/0 Str.} 250 kcmil (0.575) {250 kcmil} 1/2" or 5/8" Rod ⑦	6 Sol. (0.419) {59500} 2/0 Str. (0.419) {98500}	95 mm ² (12.5 mm) 120 mm ² (14.4 mm)	10 mm ² (4.12 mm) 70 mm ² (10.9 mm)	1.97 [50]	0.75 [19]	997	U997	U997	U997	1
YGHC29C29	3/0 Str. (0.470) 250 kcmil (0.575) 1/2" or 5/8" Rod ⑦	3/0 Str. (0.470) 250 kcmil (0.575)	95 mm ² (12.5 mm) 120 mm ² (14.4 mm)	95 mm ² (12.5 mm) 120 mm ² (14.4 mm)	2.06 [52]	0.88 [22]	997	U997	U997	U997	1
YGHC34C26 ⑥	300 kcmil (0.630) {300 kcmil} 500 kcmil (0.813) {500 kcmil} 3/4" Rod ⑦	#6 Sol. (0.162) {59500} 2/0 Str. (0.419) {98500}	150 mm ² (16 mm) 240 mm ² (20.35 mm)	10 mm ² (4.12 mm) 70 mm ² (10.9 mm)	2.42 [62]	0.88 [22]	1011	U1011	S1011	P1011	2
YGHC34C29 ⑥	300 kcmil (0.630) 500 kcmil (0.813)	3/0 Str. (0.470) 250 kcmil (0.575)	150 mm ² (16 mm) 240 mm ² (20.35 mm)	95 mm ² (12.5 mm) 120 mm ² (14.4 mm)	2.67 [66]	0.88 [22]	1011	U1011	S1011	P1011	2
YGHC34C34 ⑥	300 kcmil (0.630) 500 kcmil (0.813)	300 kcmil (0.630) 500 kcmil (0.813)	150 mm ² (16 mm) 240 mm ² (20.35 mm)	150 mm ² (16 mm) 240 mm ² (20.35 mm)	2.91 [74]	1.1 [28]	1011	U1011	S1011	P1011	3

Dimensions in brackets { } represent lightning protection conductors.

NOTES:

- Where a "U" or "PU" die is recommended with the Y45 HYPRESS™, PT6515 adapter must be used.
- Where a "U" or "PU" die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.
- Listed under UL486A for copper wire connectors
- Dimensions in brackets [] are in millimeters.
- In referencing connectors without PENETROX™ oxide inhibitor add suffix "NP" to the end of the Catalog Number.
- These connectors can only be installed using the Y750, Y45 or Y46 HYPRESS™ with the recommended dies.
These connectors cannot be installed with the Y35 and Y39 HYPRESS™.
- Ground rod to copper cable is UL 467 Listed for direct burial in earth and concrete.

GROUND ROD DIA.	PRECRIMP DIES	
1/2"	UPRECRIMP 12	U2CABT
5/8"	UPRECRIMP 58	
3/4"	UPRECRIMP 34	

For increased rotational resistance on ground rods, pre-crimp ground rod with U2CABT die Index 348 or uprecrimp dies may be used for even greater rotation and vibration resistance on ground rods.