

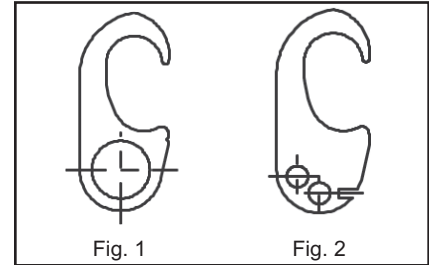
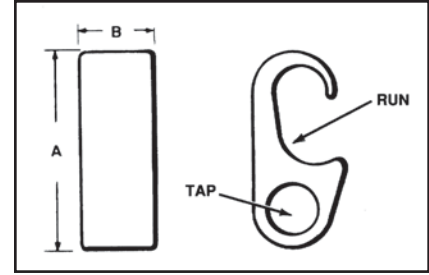
TYPE YGHP-C

HYTAP™

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.



E-9

Catalog Number	Fig. #	Accommodates		⑨ Cable to Rebar		B	Die Index	Installation Data				
		① Run	① Tap	Run	Tap			Y750/Y35/Y39	PAT750-18V	Y45 ②	Y46 ③	# of Crimps
YGHP2C2	1	#6 Sol. (0.162) {59500} - #2 Str. (0.292) {59500}	⑥ #6 Sol. (0.162) {59500} - #2 Str. (0.292) {59500}	—	—	0.75	O	UO	UO	UO	UO	1
YGHP2C6W6W ⑦	2	#6 Sol. (0.162) - #2 Str. (0.292)	#8 Sol. (0.128) - #6 Str. (0.184) Qty. 2	—	—							1
YGHP29C6W6W ⑦	2		#8 Sol. (0.128) - #6 Str. (0.184) Qty. 2	#3 Rebar 3/8 - 1/2 #4 Rebar	#8 Sol. - 6 Str.	2.31	997	U997	U997P ④	U997	U997	1
YGHP29C2	1	1/0 Str. (0.372) {98500} - 250 kcmil (0.575) {131500}	#4 Sol. (0.204) {#4 Sol.} - #2 Str. (0.292) {#2 Str.}	#3 Rebar 3/8 - 1/2 #4 Rebar	#2 Str.							1
YGHP29C26	1	1/2" - 5/8" Rod	1/0 Str. (0.372) {98500} - 2/0 Str. (0.419) {98500}	#3 Rebar 3/8 - 1/2 #4 Rebar	1/0 Str. - 2/0 Str.							1
YGHP29C29 ⑧	1		3/0 Str. (0.470) {131500} - 250 kcmil (0.575) {211500}	#3 Rebar 3/8 - 1/2 #4 Rebar	3/0 Str. - 250 kcmil							1
YGHP34C2 ⑤	1	250 kcmil (0.575) {250 kcmil} - 500 kcmil (0.813) {500 kcmil} 5/8" - 3/4" Rod	#4 Sol. (0.204) - #2 Str. (0.292)	#5 Rebar 5/8 - 3/4 #6 Rebar	—	998	PU998	PU998	PU998 or S998	PU998 or P998	1	
YGHP34C26 ⑤	1		1/0 Str. (0.372) {98500} - 2/0 Str. (0.419) {98500}	#5 Rebar 5/8 - 3/4 #6 Rebar	1/0 Str. - 2/0 Str.						1	
YGHP34C29 ⑤	1		3/0 Str. (0.470) {131500} - 250 kcmil (0.575) {211500}	#5 Rebar 5/8 - 3/4 #6 Rebar	3/0 Str. - 250 kcmil						1	
YGHP34C34 ⑤	1	250 kcmil (0.575) - 500 kcmil (0.813) 5/8" - 3/4" Rod	350 kcmil (0.681) - 500 kcmil (0.843)	#5 Rebar 5/8 - 3/4 #6 Rebar	350 kcmil - 500 kcmil	2.75	1011	U1011	U1011	S1011	P1011	3

NOTES:

- ① Dimensions in brackets { } represent lightning protection conductors.
- ② Where a "U" or "PU" die is recommended with Y45 HYPRESS™, a PT6515 adapter is required.
- ③ Where a "U" or "PU" die is recommended with Y46 HYPRESS™, a PUADP-1 adapter is required.
- ④ Polarized die for the PAT750 series tool.
- ⑤ These connectors can only be installed using the Y750, Y45 or Y46 series of HYPRESS™ tools; cannot be installed with the Y35 or Y39 series.
- ⑥ When using #6 Sol in tap, fold conductor double for improved fill.
- ⑦ Not UL96/CSA
- ⑧ When using 3/0 in tap, minimum run conductor must be 2/0 Str.
- ⑨ Clean rust and protective coatings from rebar prior to installation to provide proper ground connection. Precrimping is not required.

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, UPRECRIMP dies may be used for even greater rotation and vibration resistance on ground rods.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YGHP-C

HYTAP™ CONNECTOR

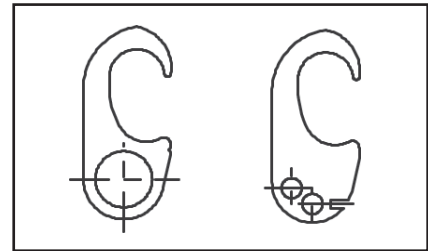
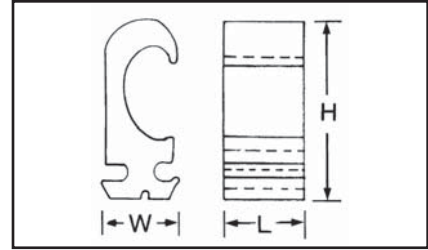
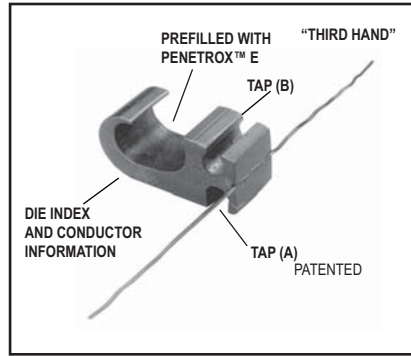
High Strength Copper Irreversible Compression

Ground Rod Tap Connector

E-10

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.

IEEE-837



Features & 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™ E 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. ①	Tap Conductor ②	Dimensions			Installation Tooling Die Number ③ (# of Crimps)		Die Index
			H	L	W	Y35/Y750/PAT750 HYPRESS™	④ Y46 HYPRESS™	
YGHP58C2W-2	1/2" - 5/8"	#2 Sol. - #6 Sol. Copper (1) Continuous Run and (1) Tap or up to (2) Taps may be connected	1.90"	0.75"	0.94"	U997 (1)	U997 (1)	997
YGHP58C2W-2TN						U997 (1)	U997 (1)	

① Ground rod must be precrimped with die U2CABT (Index 348); for greater rotational resistance use UPRECRIMP die; Galvanized Steel Rods require YGHP58C2W-2TN

② Either tap position may be left void when fewer than (2) conductors are used
③ See Tooling Section in Master Catalog for complete tool and die listing

④ Use PUADP-1 with "U"-dies in Y46

NOTE:

A 12" bend radius is recommended for the conductor

Blue highlighted items are industry standard and most frequently ordered.