

## TYPE YST

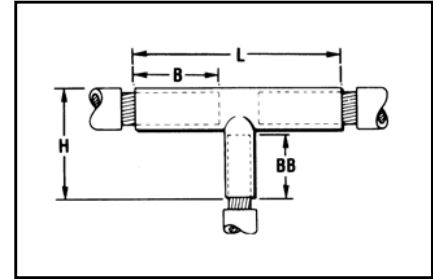
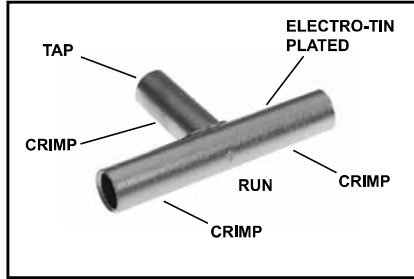
## UNINSULATED T

## COPPER HYTEE™ COUPLER

UL Listed 90° C,  
600 Volts to 35 kV ♦

Type YST copper compression tee is designed for connecting a run conductor with a perpendicular tap conductor.

YST connectors are commonly used in junction boxes and manholes to make a radial tap off a main run. They are needed in many industrial, utility generation and commercial applications. The most common cable combinations are listed below. BURNDY® Type Y-R reducers can be used to accommodate most cable combinations.



C-137

## Features &amp; Benefits

- Manufactured from seamless high conductivity electrolytic copper tubing with heavy duty wall thickness
  - ◊ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties
- Long barrel design on all three (3) legs
  - ◊ Provides for an additional crimp or indent with almost twice the pull out strength properties as a standard length barrel plus a connection that will operate cooler under heavy loading
- Long barrel permits the use of the Y-R reducers
  - ◊ Affords total flexibility and versatility for virtually any conductor combination
- Electro-tin plated
  - ◊ Provides durable long-lasting corrosion resistance
- Barrel diameter closely matches commercial (code) cable and Navy cable diameters
  - ◊ Provides an excellent relationship of the conductor/connector combination to produce a high quality electrical connection with the recommended tooling

Catalog Number	Code ● Conductors		Dimensions				Dieless (# of crimps)			Installation Tooling ▲						Wire Length	
	Run	Tap	B	BB	H	L	# of crimps	Mechanical HYTOOL™	Hydraulic HYPRESS™	Run Conductors			Tap Conductors				
										Y35, ▲ 739, Y750, Y46*	Color Code	Die Index	Y35, ▲ 739, Y750, Y46*	Color Code	▲ Die Index		
Run	Tap	B	BB	H	L	(# of crimps)	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	MY29-3 (2) MY29-11 (2) MD6 (4) ** MD7 (4) **	Y644HSXT (1)	Die Number (# of crimps)	Color Code	Die Index	Die Number (# of crimps)	Color Code	▲ Die Index	Run	Tap
YST4C4C	4 str.	4 str.	1.12	1.38	1.72	3.25				U4CRT (2)	Gray	8	U4CRT (2)	Gray	8	1-3/16"	1-3/16"
YST2C2C	2 str.	2 str.	1.25	1.56	1.98	3.56				U2CRT (2)	Brown	10	U2CRT (2)	Brown	10	1-5/16"	1-5/16"
YST2525	1/0 str.	1/0 str.	1.38	1.56	1.91	3.81				U24RT (2)	Pink	12	U25RT (2)	Pink	12	1-7/16"	1-7/16"
YST2626	2/0 str.	2/0 str.	1.50	1.67	2.18	3.94				U26RT (2)	Black	13	U26RT (2)	Black	13	1-9/16"	1-9/16"
YST282C	4/0 str.	2 str.	1.62	1.50	2.12	3.94				U28RT (2)	Purple	15	U2CRT (2)	Brown	10	1-11/16"	1-5/16"
YST2825	4/0 str.	1/0 str.	1.62	1.56	2.25	4.00				U28RT (2)	Purple	15	U25RT (2)	Pink	12	1-11/16"	1-5/8"
YST2828	4/0 str.	4/0 str.	1.62	1.75	2.44	4.19	—			U28RT (2)	Purple	15	U28RT (2)	Purple	15	1-11/16"	1-13/16"
YST2929	250 kcmil	250 kcmil	1.62	1.78	2.53	4.25	—			U29RT (2)	Yellow	16	U29RT (2)	Yellow	16	1-11/16"	1-11/16"
YST3131	350 kcmil	350 kcmil	2.00	2.25	3.12	5.50	—			U31RT (4)	Red	18	U31RT (4)	Red	18	2"	2"
YST3428	500 kcmil	4/0 str.	2.25	1.75	2.81	5.81	—			U34RT (4)	Brown	20	U28RT (2)	Purple	15	2-5/16"	1-11/16"
YST3434	500 kcmil	500 kcmil	2.25	2.70	3.76	6.19	—			U34RT (4)	Brown	20	U34RT (4)	Brown	20	2-5/16"	2-5/16"
YST3939	750 kcmil	750 kcmil	2.88	3.34	4.64	8.12	—			—	U39RT (4)	Black	24	U39RT (4)	Black	24	2-15/16"

\* Use adapter PUADP-1 with U Dies in Y46 HYPRESS™.

\*\* Use with appropriate W Dies (see page O-29).

■ The maximum size for the Y35 is 400 kcmil.

• Contact factory for conductor combinations not shown.

▲ See tooling section of this catalog for complete tool and die listings.

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.