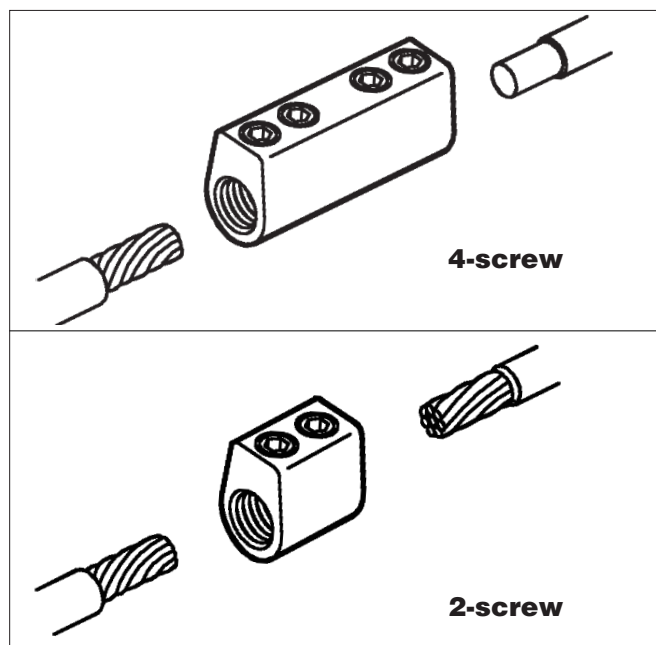
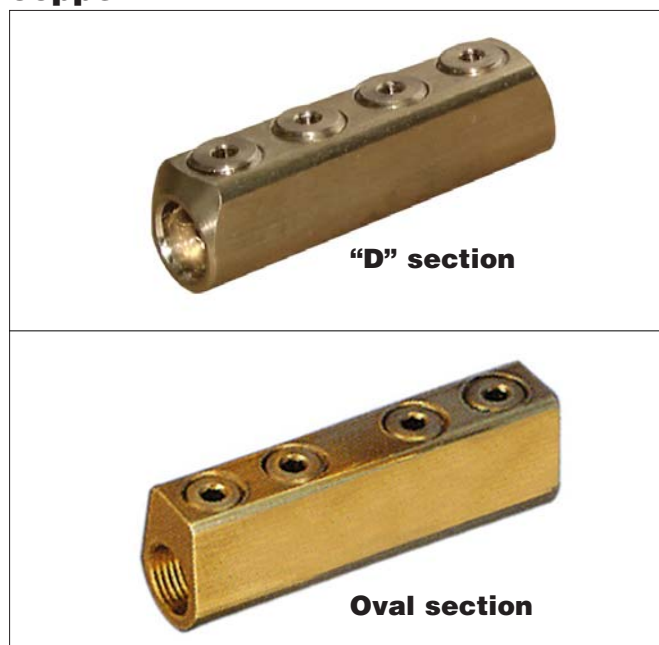


## Underground mechanical brass tunnel connectors from 4 to 60 mm<sup>2</sup> copper

**tyco** / Electronics / Energy Division



### Application

- These connectors are suitable for connecting a wide range of solid circular aluminium or stranded copper.

### Description

- These connectors are composed of :
  - Brass body.
  - Brass screw.

- Connectors are available in both Oval and "D" section variants :

- Oval section connectors. Grub screws are fully recessed in the connector body.
- "D" section connectors are supplied with socket head grub screws. Grub screws may stand proud of the connector body.
- Available in both water blocked type (suffix W) or through type (suffix T).

### Features and benefits

For Oval section connectors, grub screws are fully recessed in the connector body:

- Design especially suitable for use with heat shrinkable sleeving.

Both Oval and "D" section connectors, connectors feature rifled bores:

- Improved conductivity.

## Underground brass tunnel connectors

B&H existing reference	New B&H reference	PN	RPN	Conductor c.s.a. (sqmm)		Rifled bore Nom.diameter	Standard Grub screw size
				Stranded Copper or Aluminium	Solid Circular Aluminium		
Oval Section Connectors							
BTC-1-20T	022040002	1-1199698-3	122596-000	4-10**	N/A	8	M6
BTC-1-40T*	022040003	1-1199676-6	517236-000	4-25	10-35	8	M6
BTC-1-45W	022040004	7-1199664-5	757222-000	4-25	10-35	8	M6
BTC-2-50T	022040005	0-1199684-7	371936-000	4-50	10-50	10	M8
BTC-2-55W	022040006	0-1199666-2	720771-000	4-50	10-50	10	M8
BTC-3-55T	022040009	3-1199690-1	923556-000	4-60	10-70	11	M10
BTC-3-60W	022040010	3-1199700-2	036674-000	4-60	10-70	11	M10
"D" section Connectors							
BTC-4-20T	022040012	2-1199676-6	518836-000	4-10**	N/A	8	M6
BTC-4-40T	022040013	8-1199689-4	913402-000	4-25	10-35	8	M6
BTC-4-45W	022040014	0-1199676-4	514458-000	4-25	10-35	8	M6
BTC-5-50T	022040017	4-1199668-8	709828-000	4-50	10-50	10	M8
BTC-5-55W	022040019	3-1199666-7	729176-000	4-50	10-50	10	M8
BTC-6-55T	022040021	2-1199688-3	943894-000	4-60	10-70	11	M10
BTC-6-60W	022040023	0-1199688-1	978852-000	4-60	10-70	11	M10

\* This connector also available in aluminium (ATC-1-40T).

\*\* These are 2 screw designs where conductors overlap.