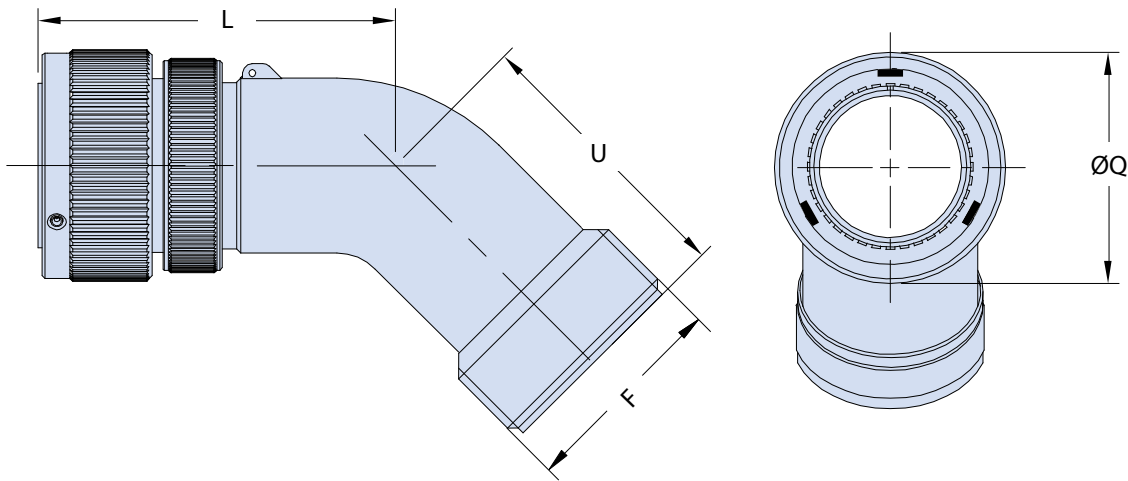
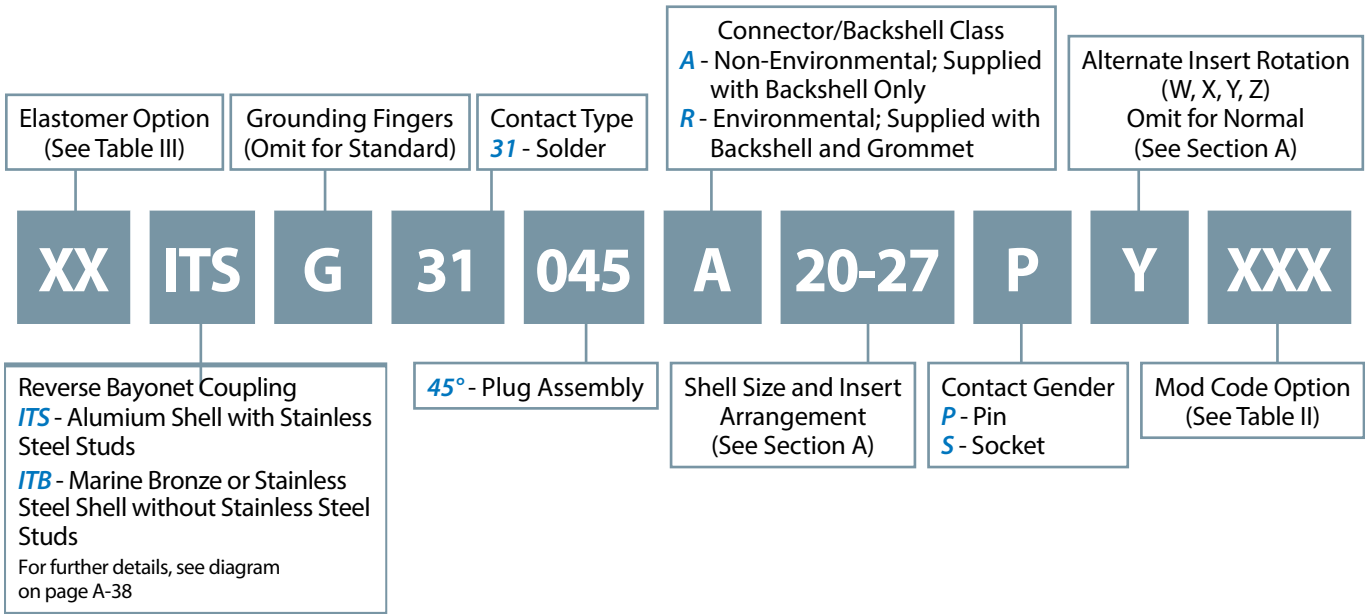


# ITS 31045 A and ITS 31045 R ITS 41045 A and ITS 41045 R Cylindrical Plug Assembly with 45° Backshell



## Application Notes

- 45° plug assembly with backshell for the attachment of strain relief cable clamps.
- Connector/Backshell Class "A" (non-environmental)—Not supplied with wire sealing grommet; Class "R" (environmental)—Supplied with grommet.
- Standard materials configuration consists of aluminum alloy. For platings, see TABLE II finish options.
- Standard contact material consists of copper alloy with silver plating or gold plating.
- A broad range of other front and rear connector accessories are available.  
See our website and/or contact the factory for complete information.
- Order cable clamps separately.

ITS 31045 A and ITS 31045 R  
ITS 41045 A and ITS 41045 R  
Cylindrical Plug Assembly with 45° Backshell



TABLE I: DIMENSIONS

Shell Size	F Thread	L Max.	ØQ ±0.2	U ±0.2
<b>16 S</b>	0.8750 - 20UNEF	55.0	31.6	24.6
<b>16</b>	0.8750 - 20UNEF	64.0	31.6	24.6
<b>18</b>	1.0000 - 20UNEF	68.0	36.2	27.0
<b>20</b>	1.1875 - 18UNEF	73.0	39.8	28.6
<b>22</b>	1.1875 - 18UNEF	73.0	43.0	36.0
<b>24</b>	1.4375 - 18UNEF	81.0	46.4	44.3

For further sizes, please contact the factory.

TABLE II: MODIFICATION CODES

CONTACT OPTIONS		
Sym	Description	
B0	Connector without Contacts**	
B1	Connector with Gold Plated Contacts	
<b>Omit for standard version (Silver plated)</b>		
STANDARD MATERIAL AND FINISH (*)		
Sym	Description	RoHS
	Omit for Aluminum/ Cadmium Olive Drab	
F6	Aluminum/ Black Electrodeposited Paint	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓

(\*) For further options, please contact the factory.

(\*\*) Crimp Contacts Only

TABLE III

ELASTOMER OPTIONS	
Sym	Description
	Omit for Polychloroprene Elastomer
FR	Fire Resistant Elastomer
S	Silicone Elastomer