

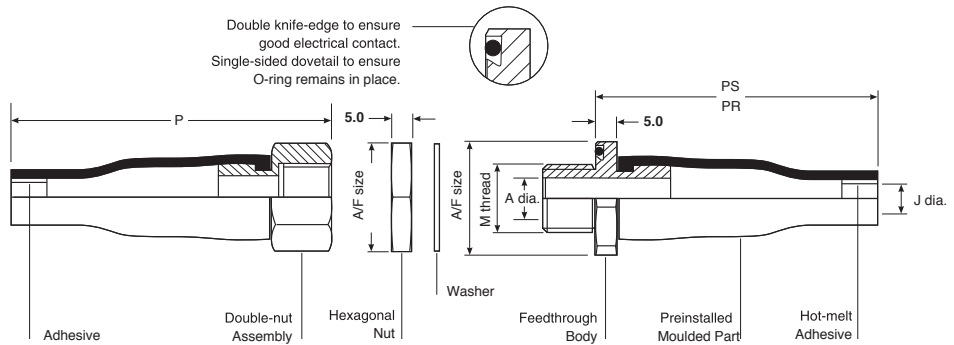
TCFS & TCFR Series Cable Feedthrough Assemblies Product Family Overview

Provides environmental sealing and screen continuity to a bulkhead as a cable passes through. The assembly consists of a specifically designed locknut and O-ring seal, onto the rear of which is pre-installed a heat-shrinkable moulded part. Feedthrough installation is simply effected by tightening the locknut on the rear of the bulkhead, which compresses the O-ring and ensures that a knife-edge provides electrical contact between the assembly and bulkhead.

These moulded parts are screened providing shielding levels better than 80 dB at 100 MHz.

Key Features

- Screened or unscreened cables
- One-piece part
- Each size covers a wide cable range
- Light weight
- Single- or double-sided assembly

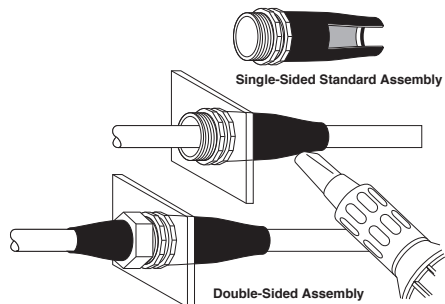


Product Dimensions

Feedthrough Size		J Diameter		M Thread	A Dia.	A/F		P ±10%			Hole Size
		Sup.	Rec.			Max.	Body	Nut	P	PS	
TCFS-12	TCFR-12	6.5	5.0	M12 x 1.5	7.5	24	17	52	50	43	13.0
TCFS-16	TCFR-16	8.5	6.0	M16 x 1.5	10.2	29	22	57	65	48	17.0
TCFS-20	TCFR-20	10.5	7.2	M20 x 1.5	14.0	34	27	61	77	52	21.0
TCFS-24	TCFR-24	16.5	8.5	M24 x 1.5	19.2	38	30	74	90	65	25.0
TCFS-30	TCFR-30	20.5	10.0	M30 x 1.5	24.2	48	36	73	115	64	31.0
TCFS-36	TCFR-36	28.5	15.8	M36 x 1.5	30.2	52	41	104	140	95	37.0
-	TCFR-48	35.5	n/a	M48 x 1.5	40.2	67	55	144	110	135	50.0

*PR dimension for shorter TCFR Series
Dimensions in millimetres unless otherwise stated.

TCFS & TCFR Series Cable Feedthrough Assemblies Part Numbering



TCFS 12 62C - 0 20 100 A H

PART NUMBER EXAMPLE

Adhesive System :

E Epoxy (please contact us)
H S1030 hot melt
W S1048 hot melt

Moulded part Type:

A Straight unscreened
B 90° unscreened
C Straight screened
D 45° screened
E 90° screened (16 to 36 only)

Moulding Part Material :

-25 Semi-rigid elastomer, or **25S** if screened
-100 Low fire hazard, or **100S** if screened

Thread Length:

20 Standard length (mm), also available in 5mm increments, minimum 15mm

Assembly Modification Code :

0 Standard assembly
1 Double sided assembly
2 Same as 1 but with potting ports
3 Locknut

Feedthrough Material/Finish:

See material and finish code tables earlier in this section.

Size : See dimensions table left

Part :

TCFS Full length moulded part
TCFR Shortened moulded part (straight only)