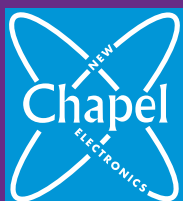




BACKSHELL

& ACCESSORIES



NEW CHAPEL ELECTRONICS

FT *electronics*

AB Connectors Limited

AB Connectors

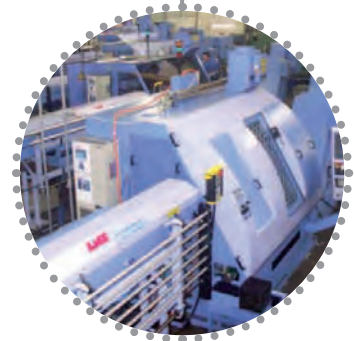
Company Profile

AB Connectors Limited and New Chapel Electronics Limited, subsidiaries of TT electronics plc., are one of the recognised market leaders in design, test and manufacture of harsh environment interconnection systems, bespoke harness assemblies and equipment sub-units.

With a satellite assembly facility in North Carolina, USA, and a co-ordinated global sales and distribution network, AB Interconnect team of companies offer an unrivalled service to both engineers and buyers alike.

Through a commitment to a structured new product introduction process, AB Connectors Ltd. and New Chapel Electronics Ltd. are continuing investment in research and development of new materials and processes, surface treatments and the very latest manufacturing technology and techniques to ensure the products meet the most exacting standards encountered in the modern Military, Mass Transportation and Industrial market places.

AB Connectors Ltd. and New Chapel Electronics Ltd. total commitment to providing customers with high levels of service, cost effectiveness, quality and innovation solutions in interconnection products, make them the ideal first choice supply partners.



Backshells

Backshells and Accessories

As part of the 'Systems' approach to interconnection, AB Connectors Ltd. and New Chapel Electronics Ltd. always consider the backshell and accessory as an integral part which should not be left to third party designs. As such, each of the product ranges can be purchased with components suited to particular mechanical and environmental requirements.

Backshells and accessories range from plain grommet nut, cable clamp and protective caps, to items which are fully watertight and offer EMI/RFI screening.

If the connector situation should change some time in the future, then backshells and accessories can be purchased separately for retro-fit action.

AB Connectors Ltd. and New Chapel Electronics Ltd. offer a full design and development support programme in order to provide bespoke backshells and accessories to your individual needs should the necessity occur.

Please consult the relevant product catalogue for full details or contact the Sales Office where consideration can be given to individual requirements.

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ABCIRP

Backshell Part Number Explanations

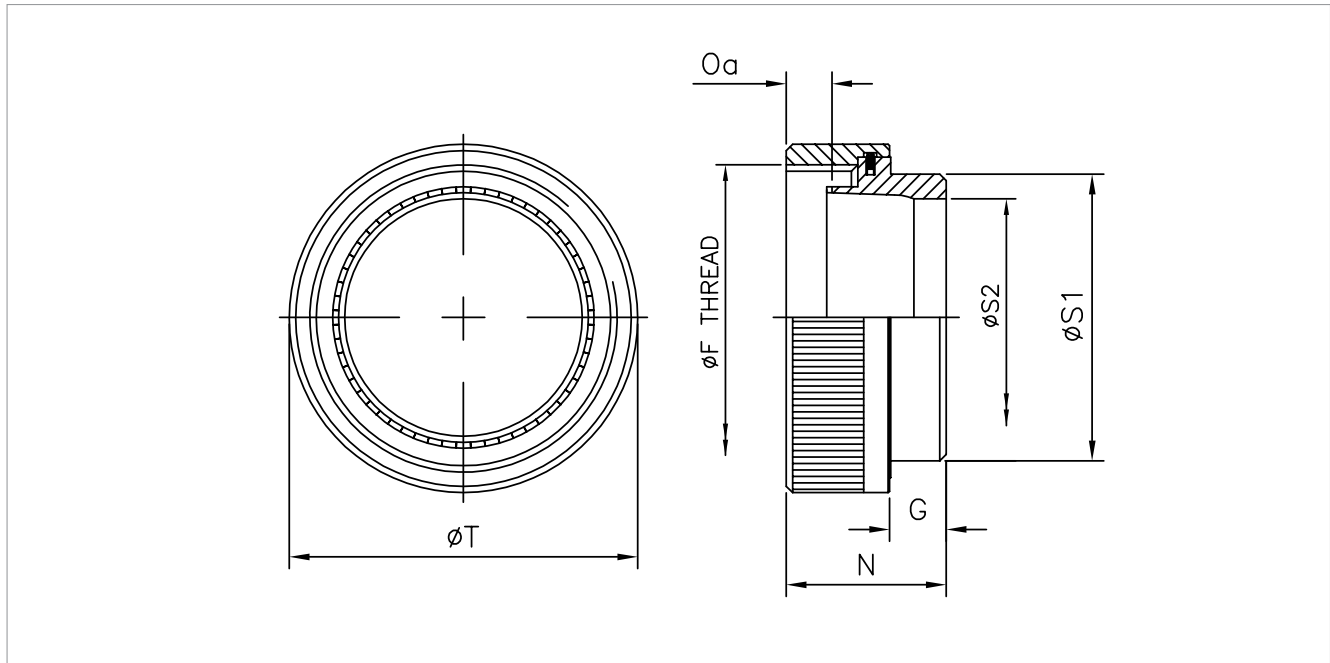
Product Range:	ABB	P	XX	XXXXX
Material Insert:	P : Plastic.			
Shell Size:	10SL to 49			
Accessory Class:	LBN: Locking Backnut SCHSA: Conduit/Heatshrink/Screen Adaptor ECHSA: 90° Conduit/Heatshrink/Screen Adaptor SUAM/SUAP: Step-up Adaptors SDAM/SDAP: Step-down Adaptors SHEM/SHEP: Step-down Adaptors SUAMS/SUAPS: Screened Shell Extender			



ABCIRP

Locking Backnut

Style: ABBP-**-LBN



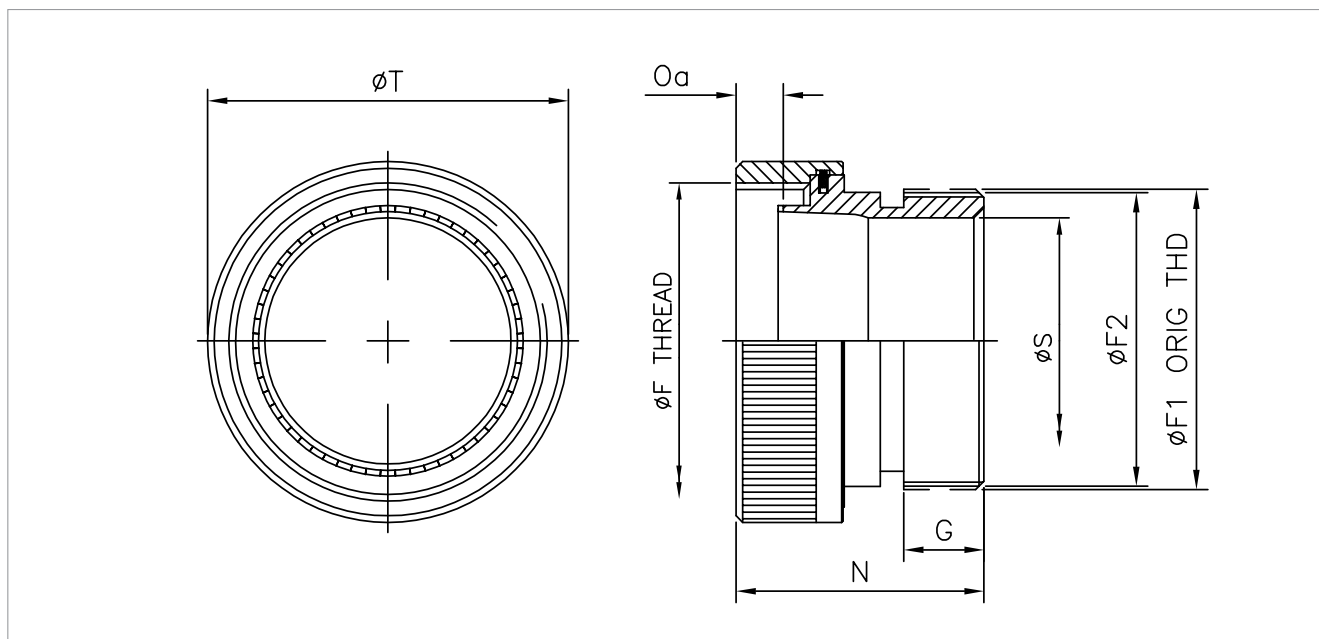
Shell Size	ØF Thread Class 2B	G max.	N max.	ØS1 max.	ØS2 min.	ØT max.	Oa min. Overlap Accessory
18	1" x 20 UNEF	8.70	25.65	25.50	16.70	31.00	7.00
20	1 1/8" x 18 UNEF	8.70	25.65	30.20	19.80	35.00	7.00
22	1 1/4" x 18 UNEF	8.70	25.65	30.20	19.80	38.00	7.00
24	1 3/8" x 18 UNEF	8.70	24.65	36.60	25.40	41.00	7.00
28	1 5/8" x 18 UNEF	8.70	24.65	36.60	27.00	48.00	7.00
32	1 7/8" x 16 UN	8.70	24.65	44.50	32.50	54.00	7.00
36	2 1/16" x 16 UNS	8.70	24.65	50.90	35.70	61.00	7.00
40	2 5/16" x 16 UN	8.70	24.65	57.20	45.00	67.00	7.00



ABCIRP

Conduit/Heatshrink/Screen Adaptor

Style: ABBP-**-SCHSA



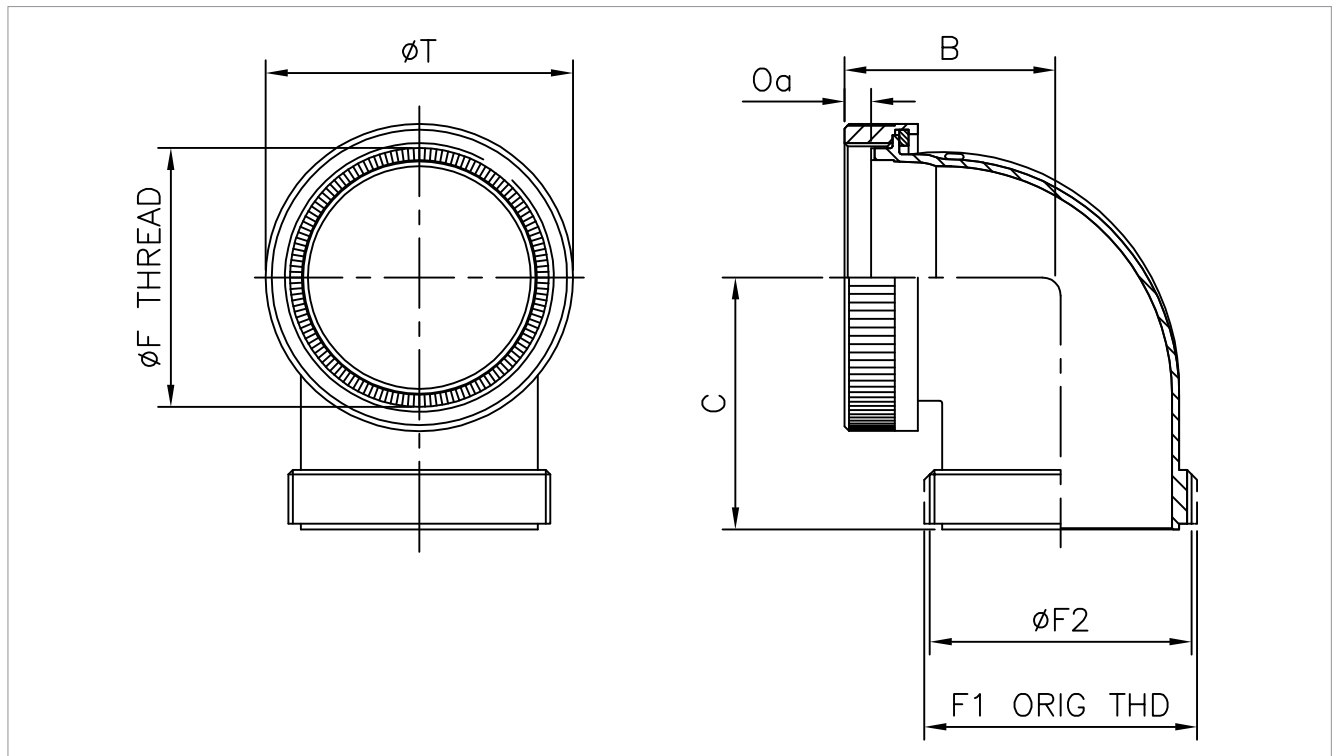
Shell Size	ØF Thread Class 2B	ØF1 Thread Class 2A	G max.	N max.	ØS min.	ØT max.	Oa min. Overlap Accessory
18	1" x 20 UNEF	1" x 20 UNEF	12.40	36.06	16.70	31.00	7.00
20	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	12.40	38.60	19.80	35.00	7.00
22	1 1/4" x 18 UNEF	1 3/16" x 18 UNEF	12.40	38.60	21.34	38.00	7.00
24	1 3/8" x 18 UNEF	1 7/16" x 18 UNEF	12.40	38.60	25.40	41.00	7.00
28	1 5/8" x 18 UNEF	1 7/16" x 18 UNEF	12.40	38.56	30.13	48.00	7.00
32	1 7/8" x 16 UN	1 3/4" x 18 UNS	12.10	38.26	36.73	54.00	7.00
36	2 1/16" x 16 UNS	2" x 18 UNS	12.10	39.26	41.00	61.00	7.00
40	2 5/16" x 16 UN	2 1/4" x 16 UN	12.10	38.30	48.10	67.00	7.00



ABCIRP

90° Conduit/Heatshrink/Screen Adaptor

Style: ABBP-**-ECHSA



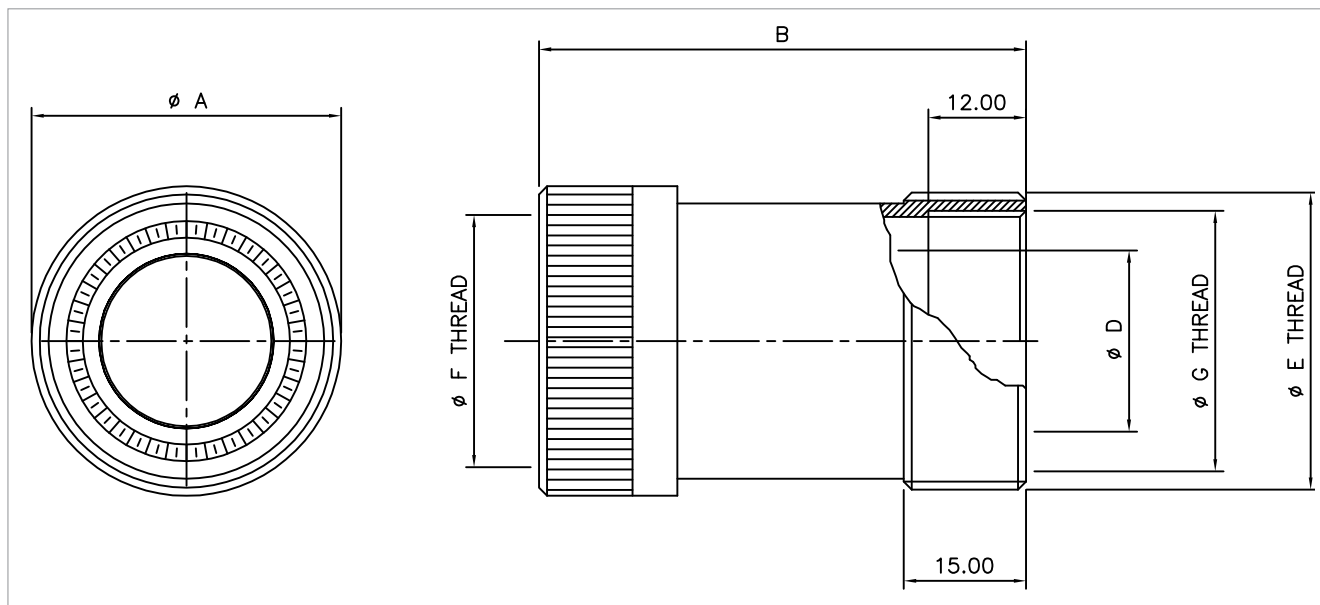
Shell Size	B max.	C max.	ØF Thread Class 2B	Ø1 Original Thread Class 2A	ØT max.	Oa min. Overlap Accessory
18	30.10	35.00	1" x 20 UNEF	1" x 20 UNEF	31.00	7.00
20	33.00	35.00	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	35.00	7.00
22	33.10	35.00	1 1/4" x 18 UNEF	1 1/4" x 18 UNEF	38.00	7.00
24	37.90	40.00	1 3/8" x 18 UNEF	1 7/16" x 18 NEF	41.00	7.00
28	37.10	40.00	1 5/8" x 18 UNEF	1 7/16" x 18 NEF	48.00	7.00
32	43.10	45.00	1 7/8" x 16 UN	1 3/4" x 18 UNS	54.00	7.00
36	45.90	50.00	2 1/16" x 16 UNS	2" x 18 UNS	61.00	7.00
40	49.00	54.60	2 5/16" x 16 UN	2 1/4" x 16 UN	67.00	7.00

ABCIRP

Step-up Adaptors - Metric / PG Inner Thread Imperial Outer Thread

Style: ABBP-**-SUA *

* Indicates: M = Metric/P = PG



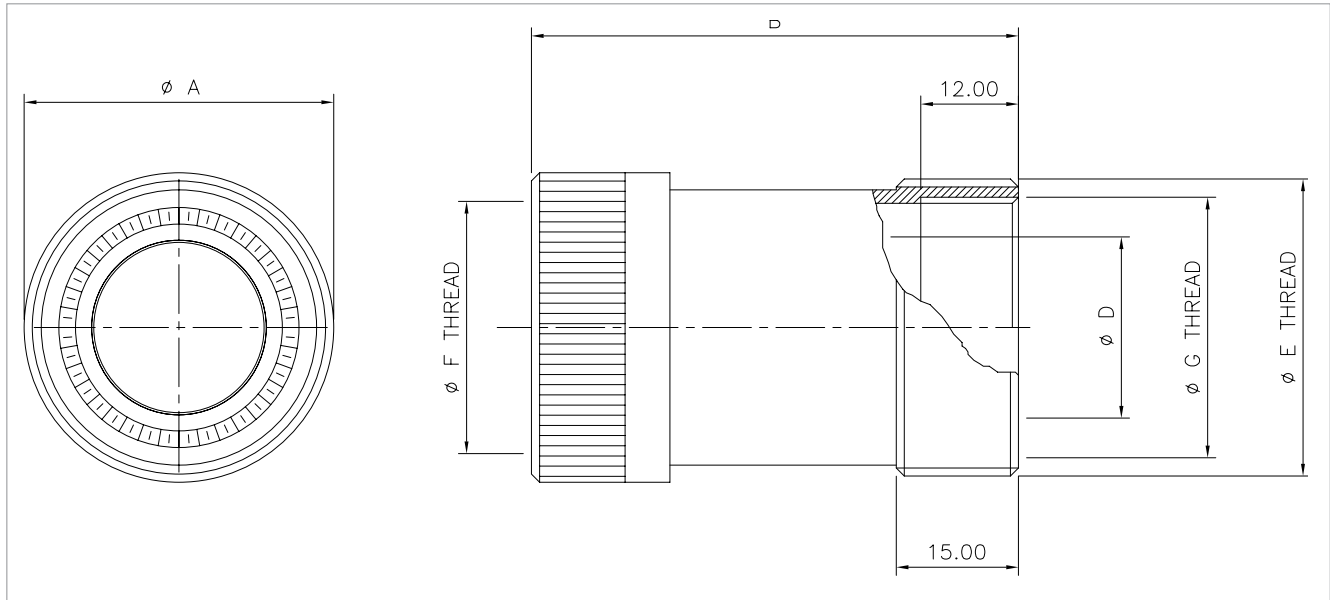
Shell Size	ϕF Thread Class 2B	ϕE Thread Class 2A	ϕG Thread		ϕA max.	B	ϕD Bore	Oa min. Overlap Accessory
			Metric	PG				
18	1" x 20 UNEF	1 3/16" x 18 UNEF	M25 x 1.5	PG16	31.00	58.8	16.7	7.00
20	1 3/16" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	35.00	58.8	19.8	7.00
22	1 3/16" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	38.00	58.8	19.8	7.00
24	1 7/16" x 18 UNEF	1 3/4" x 18 UNS	M40 x 1.5	PG29	41.00	58.8	25.4	7.00
28	1 7/16" x 18 UNEF	1 3/4" x 18 UNS	M40 x 1.5	PG29	48.00	65.8	27.0	7.00
32	1 3/4" x 18 UNS	1 3/4" x 18 UNS	M40 x 1.5	PG29	54.00	65.8	32.5	7.00
36	2" x 18 UNS	2" x 18 UNS	M50 x 1.5	PG36	61.00	65.8	35.7	7.00
40	2 1/4" x 16 UN	2 1/4" x 16 UN	M50 x 1.5	PG42	67.00	65.8	45.0	7.00

ABCIRP

Step-down Adaptors - Metric / PG Inner Thread Imperial Outer Thread

Style: ABBP-**-SDA*

* Indicates: M = Metric/P = PG



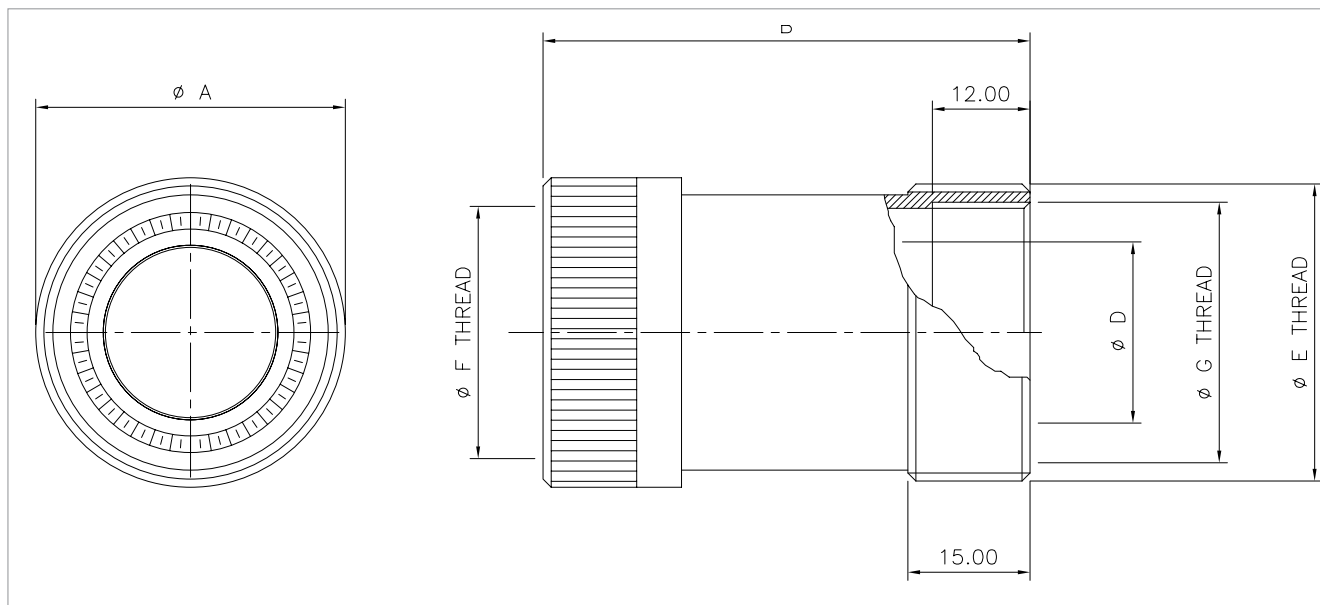
Shell Size	$\varnothing F$ Thread	$\varnothing E$ Thread	$\varnothing G$ Thread		$\varnothing A$ max.	B	$\varnothing D$ +0/-0.10 Bore
			Metric	PG			
18	1" x 20 UNEF	7/8" x 20 UNEF	M18 x 1.5	PG11	31.00	58.8	TBC
20	1 1/8" x 18 UNEF	1" x UNEF	M20 x 1.5	PG13.5	35.00	58.8	TBC
22	1 1/4" x 18 UNEF	1" x UNEF	M20 x 1.5	PG13.5	38.00	58.8	TBC
24	1 3/8" x 18 UNEF	1 3/16" x 18 UNEF	M25 x 1.5	PG16	41.00	58.8	TBC
28	1 5/8" x 18 UNEF	1 3/16" x 18 UNEF	M25 x 1.5	PG16	48.00	65.8	TBC
32	1 7/8" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	54.00	65.8	TBC
36	2 1/16" x 18 UNS	1 3/4" x 18 UNEF	M40 x 1.5	PG29	61.00	65.8	TBC
40	2 5/16" x 18 UNS	2" x 18 UNS	M40 x 1.5	PG29	67.00	65.8	TBC

ABCIRP

Step-down Adaptors - Metric / PG Inner Thread Imperial Outer Thread

Style: ABBP-**-SHE*

* Indicates: M = Metric/P = PG



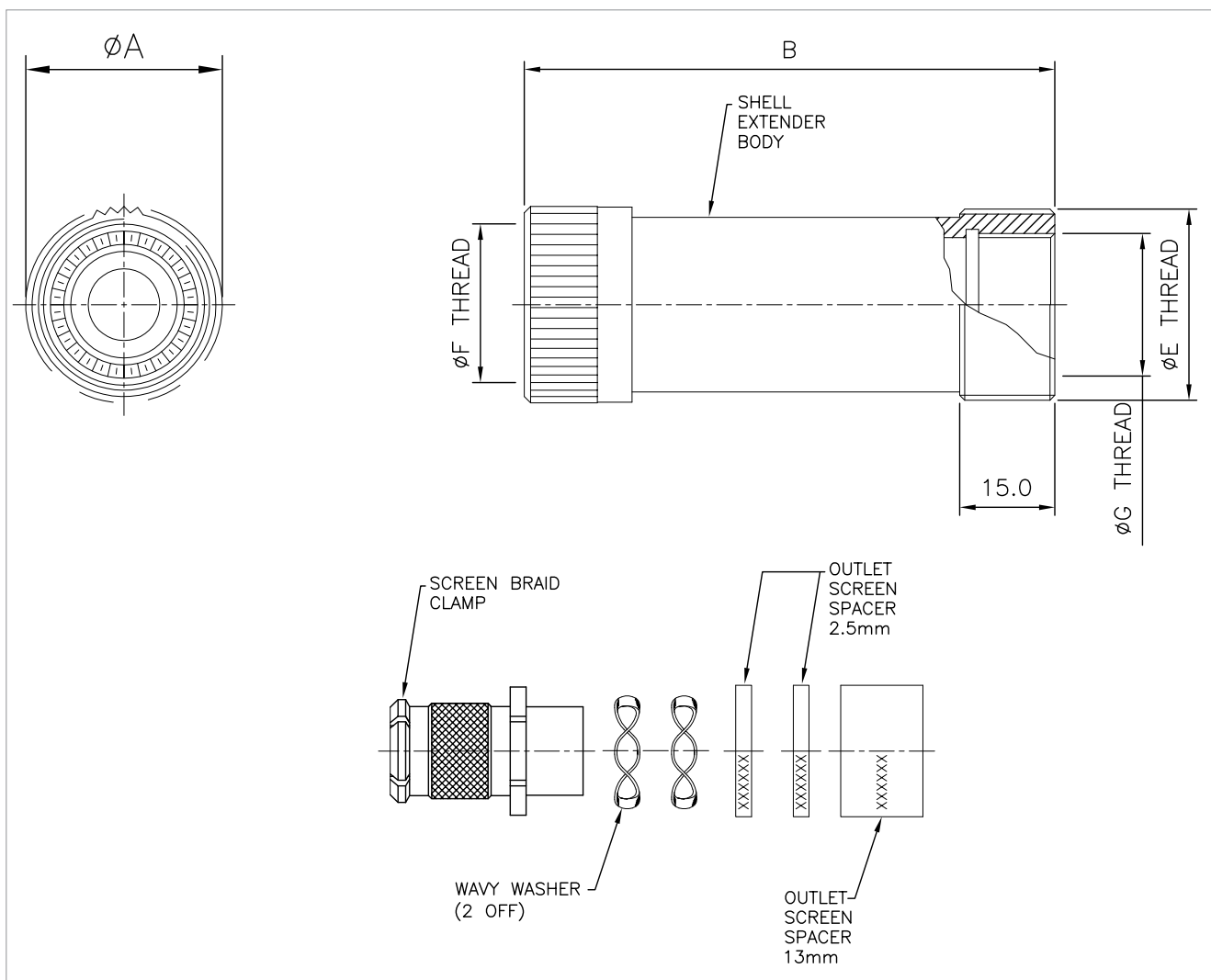
Shell Size	ϕF Thread	ϕE Thread	ϕG Thread		ϕA max.	B	ϕD +0/-0.10 Bore
			Metric	PG			
18	1" x 20 UNEF	1" x 20 UNEF	M20 x 1.5	PG13.5	31.00	58.8	TBC
20	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	M25 x 1.5	PG16	35.00	58.8	TBC
22	1 1/4" x 18 UNEF	1 3/16" x 18 UNEF	M25 x 1.5	PG16	38.00	58.8	TBC
24	1 3/8" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	41.00	58.8	TBC
28	1 5/8" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	48.00	65.8	TBC
32	1 7/8" x 18 UNEF	1 3/4" x 18 UNEF	M40 x 1.5	PG29	54.00	65.8	TBC
36	2 1/16" x 18 UNS	2" x 18 UNS	M40 x 1.5	PG29	61.00	65.8	TBC
40	2 5/16" x 18 UNS	2 1/4" x 16 UN	M50 x 1.5	PG36	67.00	65.8	TBC

ABCIRP

Screened Shell Extender - Metric / PG Inner Thread Imperial Outer Thread

Style: ABBP-**-SUA*S

* Indicates: M = Metric/P = PG



Shell Size	ϕF Thread	ϕE Thread	ϕG Thread		ϕA max.	B
			Metric	PG		
18	1" x 20 UNEF	1 3/16" x 18 UNEF	M25 x 1.5	PG16	31.00	58.8
20	1 1/8" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	35.00	58.8
22	1 1/4" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	38.00	58.8
24	1 3/8" x 18 UNEF	1 3/4" x 18 UNEF	M40 x 1.5	PG29	41.00	58.8
28	1 5/8" x 18 UNEF	1 3/4" x 18 UN	M40 x 1.5	PG29	48.00	65.8
32	1 7/8" x 18 UNEF	2" x 18 UNS	M40 x 1.5	PG29	54.00	65.8
36	2 1/16" x 18 UNS	2 1/4" x 16 UN	M50 x 1.5	PG36	61.00	65.8
40	2 5/16" x 18 UNS	2 1/2" x 16 UN	M50 x 1.5	PG42	67.00	65.8

ABCIRH/ABBMS

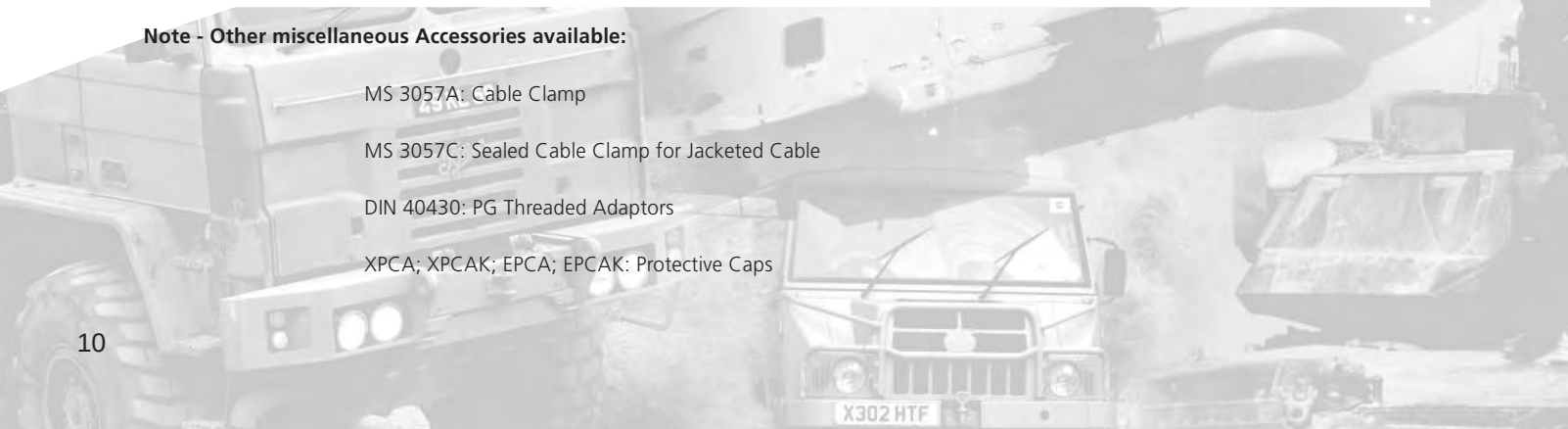
Backshell Part Number Explanations

Product Range:	ABB	H	XX	XX	FT	F80
Halogen Free Insert:	H : Low Fire Hazard.					
Shell Size:	10SL to 49					
Plan Form:	2 Way to 85 Way					
	ACA: Locking Armoured Conduit Adaptor with Grommet HSA: Locking Heatshrink Adaptor with Grommet LHSA: Locking RFI Shielded Adaptor with Grommet HSAS: Non-Locking Heatshrink Adaptor, Grommet and Follower CCA: Non-Locking Conduit Adaptor, Grommet and Follower FM: 90° Locking Outlet, RFI Shielded with Grommet FT: 90° Locking Outlet with Grommet FC: 90° Locking Outlet, Sealed Cable Clamp and Grommet F: 90° Locking Outlet with Cable Clamp and Grommet					
Accessory Class:	CRA: Conduit Adaptor with Braid Screen Trap - No Grommet SCA: Locking Screened Cable Adaptor with Grommet EV: Non-Locking Grommet and Follower SUAM/SUAP: Shell Extender and Nut Assembly OCN: Non-Locking Cable Clamp with Grommet and Follower JE: Non-Locking Cable Clamp with Grommet and Follower RC: Non-Locking Sealed Cable Clamp with Grommet and Follower HD: Locking Sealed Cable Clamp with Grommet HC: Locking Cable Clamp with Grommet SHE: Long Backshell with Grommet XLE: Long Backshell, Grommet and Sealed Cable Clamp XLA: Long Backshell, Grommet, Cable Clamp and Brushing					

F80 Style Grommet: F80 : Contact Style

Note - Other miscellaneous Accessories available:

- MS 3057A: Cable Clamp
- MS 3057C: Sealed Cable Clamp for Jacketed Cable
- DIN 40430: PG Threaded Adaptors
- XPCA; XPCAK; EPCA; EPCAK: Protective Caps

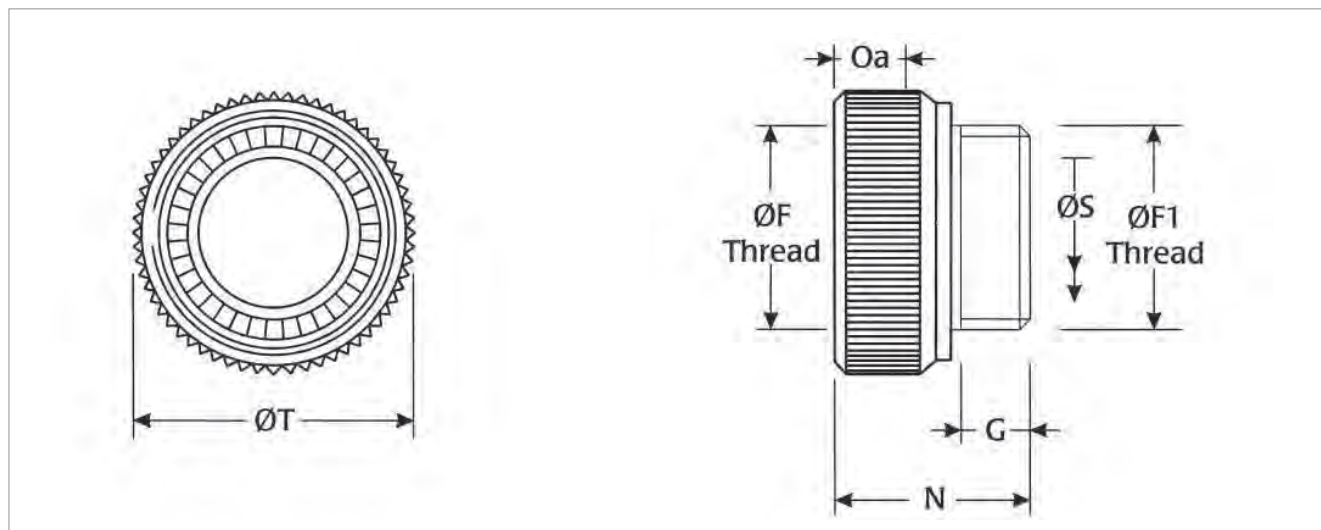


ABCIRH/ABBMS

Locking Armoured Conduit Adaptor with Grommet
Accessory Type 'H'

Style: ABBH-**-**-ACA-F80

Style: ABB-**-**-ACA



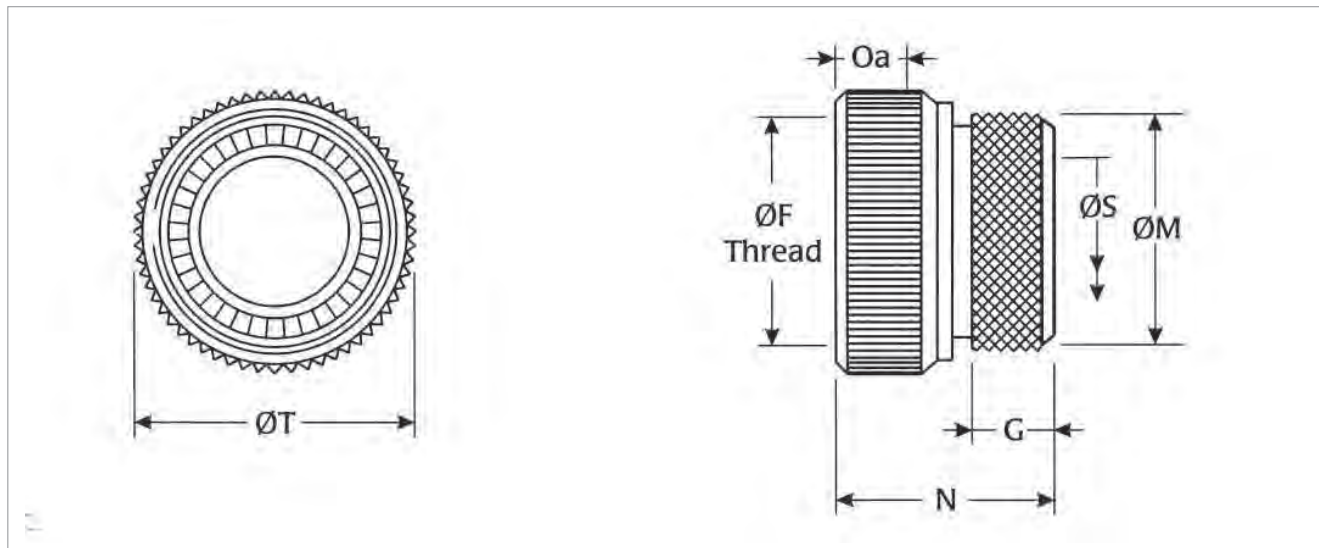
Shell Size	ØF Thread Class 2B	ØF1 Thread Class 2A	G Max.	N max.	ØS min.	ØT max.	Oa min. Overlap Accessory
10SL	5/8" x 24 UNEF	5/8" x 24 UNEF	9.50	27.90	8.20	22.00	7.00
14S	3/4" x 20 UNEF	3/4" x 20 UNEF	9.50	27.90	11.10	25.00	7.00
16S	7/8" x 20 UNEF	7/8" x 20 UNEF	9.50	27.90	14.30	28.00	7.00
16	7/8" x 20 UNEF	7/8" x 20 UNEF	9.50	27.90	14.30	28.00	7.00
18	1" x 20 UNEF	1" x 20 UNEF	9.50	29.90	16.70	31.00	7.00
20	1 1/8" x 18 UNEF	1 3/16" x 18 NEF	9.50	29.90	19.80	35.00	7.00
22	1 1/4" x 18 UNEF	1 3/16" x 18 NEF	9.50	29.90	19.80	38.00	7.00
24	1 3/8" x 18 UNEF	1 7/16" x 18 NEF	9.50	29.90	25.40	41.00	7.00
28	1 5/8" x 18 UNEF	1 7/16" x 18 NEF	9.50	30.00	27.00	48.00	7.00
32	1 7/8" x 16 UN	1 3/4" x 18 NS	11.00	28.90	32.50	54.00	7.00
36	2 1/16" x 16 UNS	2" x 18 NS	11.80	28.90	35.70	61.00	7.00
40	2 5/16" x 16 UN	2 1/4" x 16 UN	11.80	28.90	45.00	67.00	7.00

ABCIRH/ABBMS

Locking Heatshrink Adaptor with Grommet
Accessory Type 'G'

Style: ABBH-**-**-HSA-F80

Style: ABB-**-**-HSA



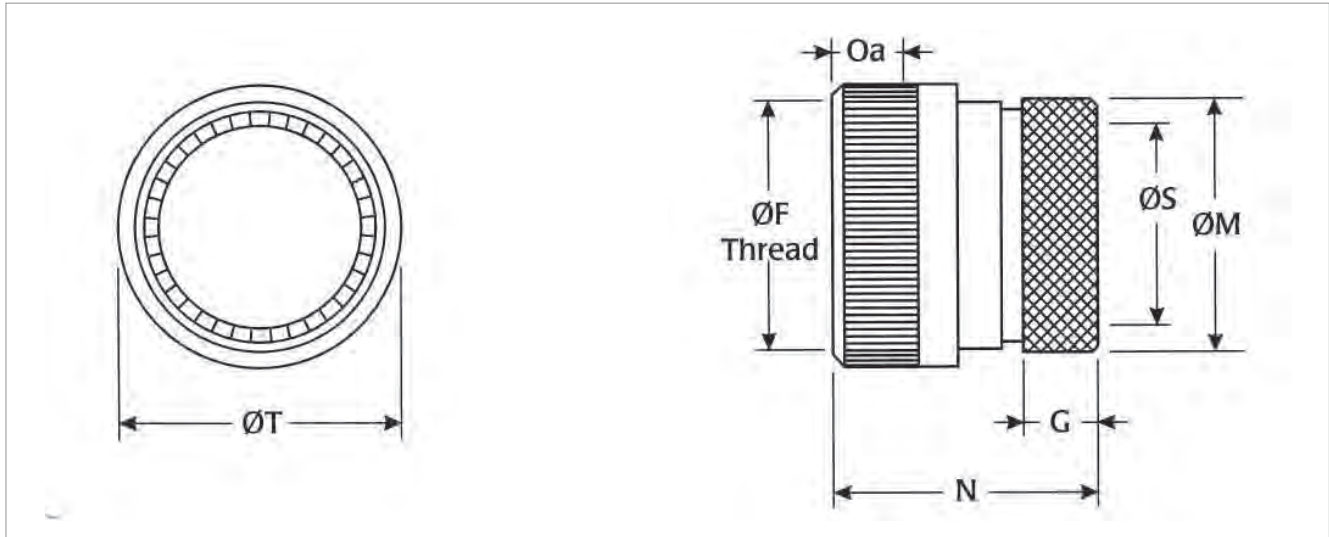
Shell Size	ØF Thread Class 2B	G max.	M max.	N max.	ØS min.	ØT max.	Oa min. Overlap Accessory
10SL	5/8" x 24 UNEF	8.20	15.70	28.46	7.70	22.00	7.00
14S	3/4" x 20 UNEF	8.20	19.30	28.46	10.60	25.00	7.00
16S	7/8" x 20 UNEF	8.20	24.10	28.46	13.50	28.00	7.00
16	7/8" x 20 UNEF	8.00	24.10	32.26	13.50	28.00	7.00
18	1" x 20 UNEF	8.00	24.10	32.26	14.60	31.00	7.00
20	1 1/8" x 18 UNEF	9.20	29.80	35.80	18.70	35.00	7.00
22	1 1/4" x 18 UNEF	9.20	29.80	35.80	20.80	38.00	7.00
24	1 3/4" x 18 UNEF	9.20	38.00	35.80	24.60	41.00	7.00
28	1 5/8" x 18 UNEF	9.20	38.00	35.76	27.00	48.00	7.00
32	1 7/8" x 18 UN	11.70	48.00	38.26	33.30	54.00	7.00
36	2 1/16" x 16 UNS	11.70	48.00	39.26	38.50	61.00	7.00
40	2 5/16" x 16 UN	12.10	57.95	38.30	48.10	67.00	7.00

ABCIRH/ABBMS

Locking RFI Shielded Adaptor with Grommet
Accessory Type 'GM'

Style: ABBH-**-**-LHSA-F80

Style: ABB-**-**-LHSA



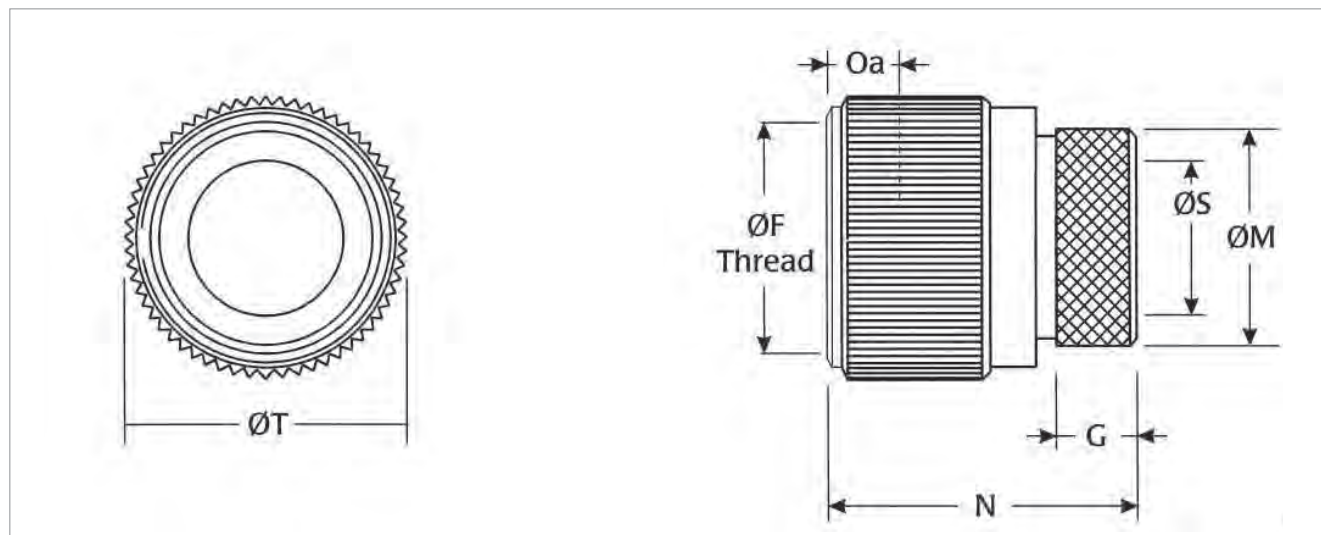
Shell Size	ØF Thread Class 2B	G Max.	ØM max.	N max.	ØS min.	ØT max.	Oa min. Overlap Accessory
10SL	5/8" x 24 UNEF	12.40	15.70	32.26	8.60	22.00	7.00
14S	3/4" x 20 UNEF	12.40	19.30	32.26	11.10	25.00	7.00
16S	7/8" x 20 UNEF	12.40	24.10	32.26	14.30	28.00	7.00
16	7/8" x 20 UNEF	12.40	24.10	36.06	14.30	28.00	7.00
18	1" x 20 UNEF	12.40	24.10	36.06	16.06	31.00	7.00
20	1 1/8" x 18 UNEF	12.40	29.80	38.60	19.80	35.00	7.00
22	1 1/4" x 18 UNEF	12.40	29.80	38.60	21.34	38.00	7.00
24	1 3/8" x 18 UNEF	12.40	38.00	38.60	25.40	41.00	7.00
28	1 5/8" x 18 UNEF	12.40	38.00	38.56	30.13	48.00	7.00
32	1 7/8" x 16 UN	12.10	48.00	38.26	36.73	54.00	7.00
36	2 1/16" x 16 UNS	12.10	48.00	39.26	41.00	61.00	7.00
40	2 5/16" x 16 UN	12.10	57.95	38.30	48.10	67.00	7.00

ABCIRH/ABBMS

Non-Locking Heatshrink Adaptor, Grommet & Follower
Accessory Type 'GS'

Style: ABBH-**-**-HSAS-F80

Style: ABB-**-**-HSAS



Shell Size	ØF Thread Class 2B	ØM max.	G max.	N max.	ØS min.	ØT max.	Oa min. Overlap Accessory
*10SL	-	-	-	-	-	-	-
*14S	-	-	-	-	-	-	-
*16S	-	-	-	-	-	-	-
*16	-	-	-	-	-	-	-
18	1" x 20 UNEF	24.10	11.90	45.30	14.70	28.60	7.00
20	1 1/8" x 18 UNEF	29.80	11.90	51.10	18.70	31.85	7.00
22	1 1/4" x 18 UNEF	29.80	11.90	51.10	20.90	35.03	7.00
24	1 3/4" x 18 UNEF	38.00	11.90	51.10	24.70	39.10	7.00
28	1 5/8" x 18 UNEF	38.00	11.90	51.10	27.10	45.60	7.00
32	1 7/8" x 18 UN	48.00	11.90	51.10	33.40	50.80	7.00
36	2 1/16" x 16 UNS	48.00	11.90	51.10	38.60	57.45	7.00
40	2 5/16" x 16 UN	57.90	11.90	51.10	48.10	63.10	7.00

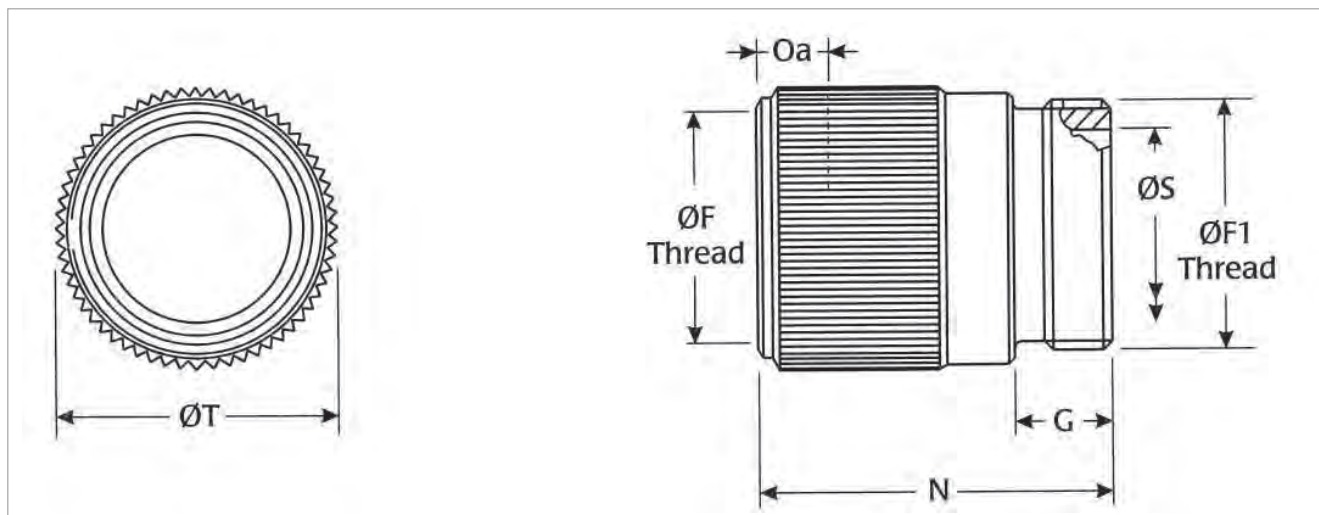
*Please consult factory for availability

ABCIRH/ABBMS

Non-Locking Conduit Adaptor, Grommet & Follower
Accessory Type 'R'

Style: ABBH-**-**-CCA-F80

Style: ABB-**-**-CCA



Shell Size	ØF Thread Class 2B	ØF1 Thread Class 2A	G max.	N max.	ØS min.	ØT max.	Oa min. Overlap Accessory
10SL	5/8" x 24 UNEF	5/8" x 24 UNEF	10.10	29.10	8.80	19.10	7.00
14S	3/4" x 20 UNEF	3/4" x 20 UNEF	10.10	29.10	11.30	22.10	7.00
16S	7/8" x 20 UNEF	7/8" x 20 UNEF	10.10	29.10	18.54	25.50	7.00
16	7/8" x 20 UNEF	7/8" x 20 UNEF	10.10	30.60	18.54	25.50	7.00
18	1" x 20 UNEF	1" x 20 UNEF	10.10	37.00	16.70	28.60	7.34
20	1 1/8" x 18 UNEF	1 3/16" x 18 NEF	10.10	37.00	19.80	31.85	7.34
22	1 1/4" x 18 UNEF	1 3/16" x 18 NEF	10.10	37.00	19.80	35.03	7.34
24	1 3/8" x 18 UNEF	1 7/16" x 18 NEF	11.10	39.85	25.40	39.10	7.14
28	1 5/8" x 18 UNEF	1 7/16" x 18 NEF	11.10	39.85	30.13	45.60	6.34
32	1 7/8" x 16 UN	1 3/4" x 18 NS	11.10	39.85	32.50	50.80	7.40
36	2 1/16" x 16 UNS	2" x 18 NS	11.10	39.85	35.70	57.45	7.40
40	2 5/16" x 16 UN	2 1/4" x 16 UN	11.10	39.85	45.00	63.10	6.34

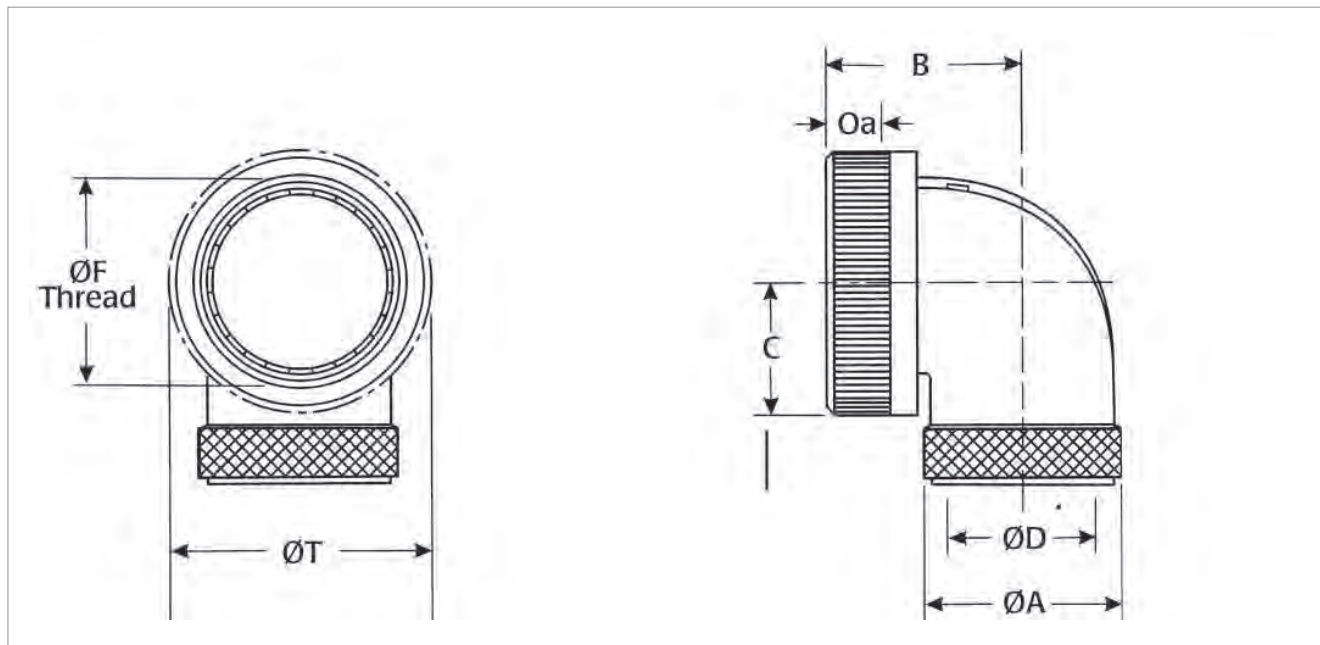
ABCIRH/ABBMS

90° Locking Outlet, RFI Shielded with Grommet

Accessory Type 'FM'

Style: ABBH-**-**-FM-F80

Style: ABB-**-**-FM



Shell Size	A Max.	B Max.	C max.	D max.	ØF Thread Class 2B	ØT max.	Oa min. Overlap Accessory
10SL	15.90	24.00	30.00	7.77	5/8" x 24 UNEF	22.00	7.00
14S	19.10	25.00	30.00	10.36	3/4" x 20 UNEF	25.00	7.00
16S	22.30	27.00	30.00	13.01	7/8" x 20 UNEF	28.00	7.00
16	22.30	27.00	30.00	13.01	7/8" x 20 UNEF	28.00	7.00
18	25.50	30.10	35.00	15.14	1" x 20 UNEF	31.00	7.00
20	30.20	33.00	35.00	18.10	1 1/8" x 18 UNEF	35.00	7.00
22	30.20	33.10	35.00	21.62	1 1/4" x 18 UNEF	38.00	7.00
24	36.60	37.90	40.00	25.10	1 3/8" x 18 UNEF	41.00	7.00
28	36.60	37.10	40.00	30.38	1 5/8" x 18 UNEF	48.00	7.00
32	44.50	43.10	45.00	36.48	1 7/8" x 16 UN	54.00	7.00
36	50.90	45.90	50.00	40.67	2 1/16" x 16 UNS	61.00	7.00
40	57.20	49.00	54.60	48.50	2 5/16" x 16 UN	67.00	7.00

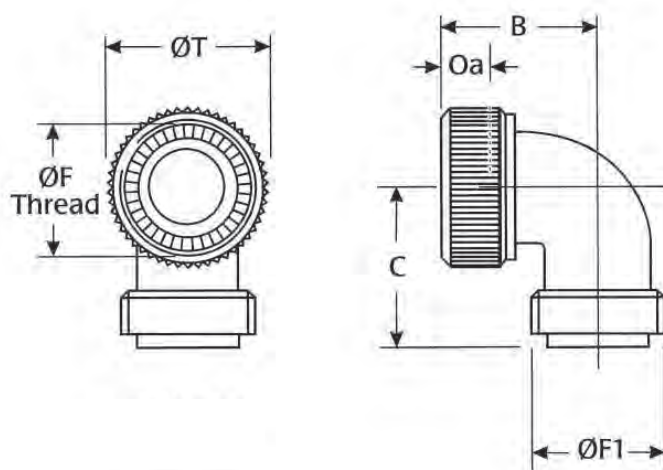
ABCIRH/ABBMS

90° Locking Outlet with Grommet

Accessory Type 'FT'

Style: ABBH-**-**-FT-F80

Style: ABB-**-**-FT



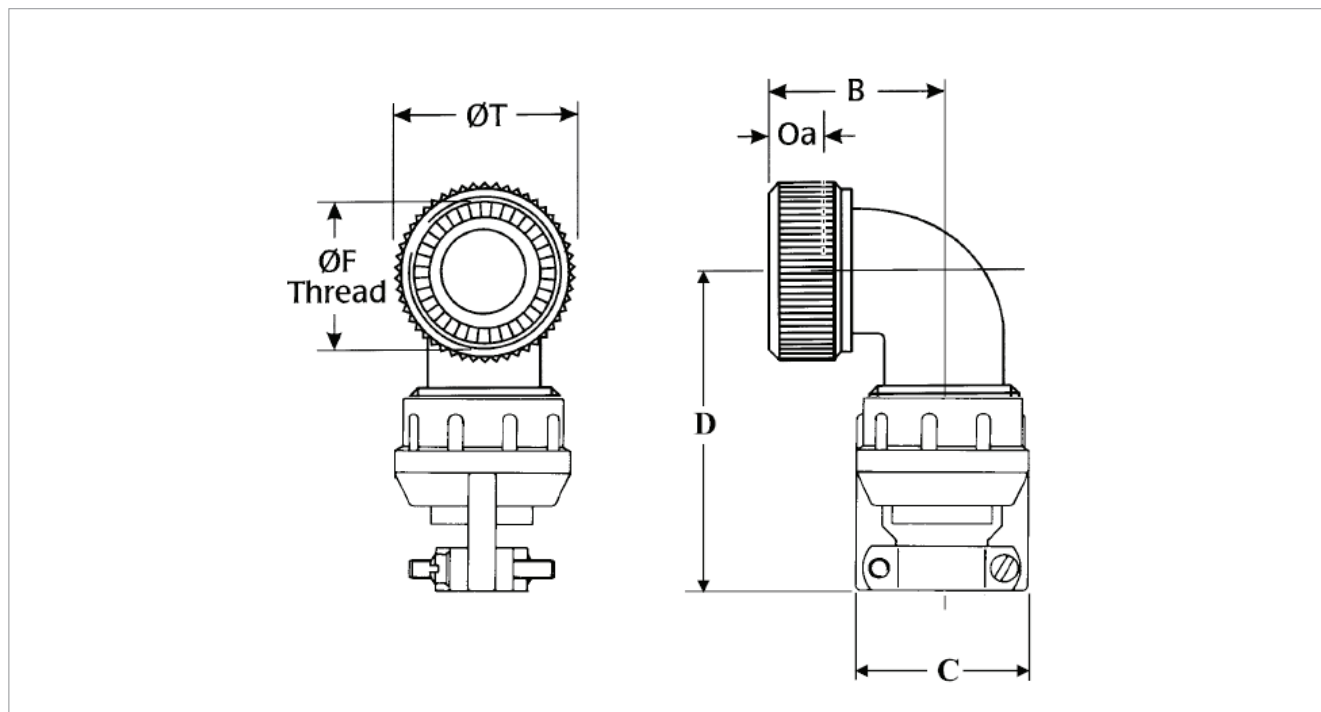
Shell Size	B Max.	C max.	ØF Thread Class 2B	ØF1 Thread Class 2A	ØT max.	Oa min. Overlap Accessory
10SL	24.00	30.00	5/8" x 24 UNEF	5/8" x 24 UNEF	22.00	7.00
14S	25.00	30.00	3/4" x 20 UNEF	3/4" x 20 UNEF	25.00	7.00
16S	27.00	30.00	7/8" x 20 UNEF	7/8" x 20 UNEF	28.00	7.00
16	27.00	30.00	7/8" x 20 UNEF	7/8" x 20 UNEF	28.00	7.00
18	30.10	35.00	1" x 20 UNEF	1" x 20 UNEF	31.00	7.00
20	33.00	35.00	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	35.00	7.00
22	33.10	35.00	1 1/4" x 18 UNEF	1 3/16" x 18 UNEF	38.00	7.00
24	37.90	40.00	1 3/8" x 18 UNEF	1 7/16" x 18 NEF	41.00	7.00
28	37.10	40.00	1 5/8" x 18 UNEF	1 7/16" x 18 NEF	48.00	7.00
32	43.10	45.00	1 7/8" x 16 UN	1 3/4" x 18 UNS	54.00	7.00
36	45.90	50.00	2 1/16" x 16 UNS	2" x 18 UNS	61.00	7.00
40	49.00	54.60	2 5/16" x 16 UN	2 1/4" x 16 UN	67.00	7.00

ABCIRH/ABBMS

90° Locking Outlet, Sealed Cable Clamp & Grommet
Accessory Type 'FC'

Style: ABBH-**-**-FC-F80

Style: ABB-**-**-FC



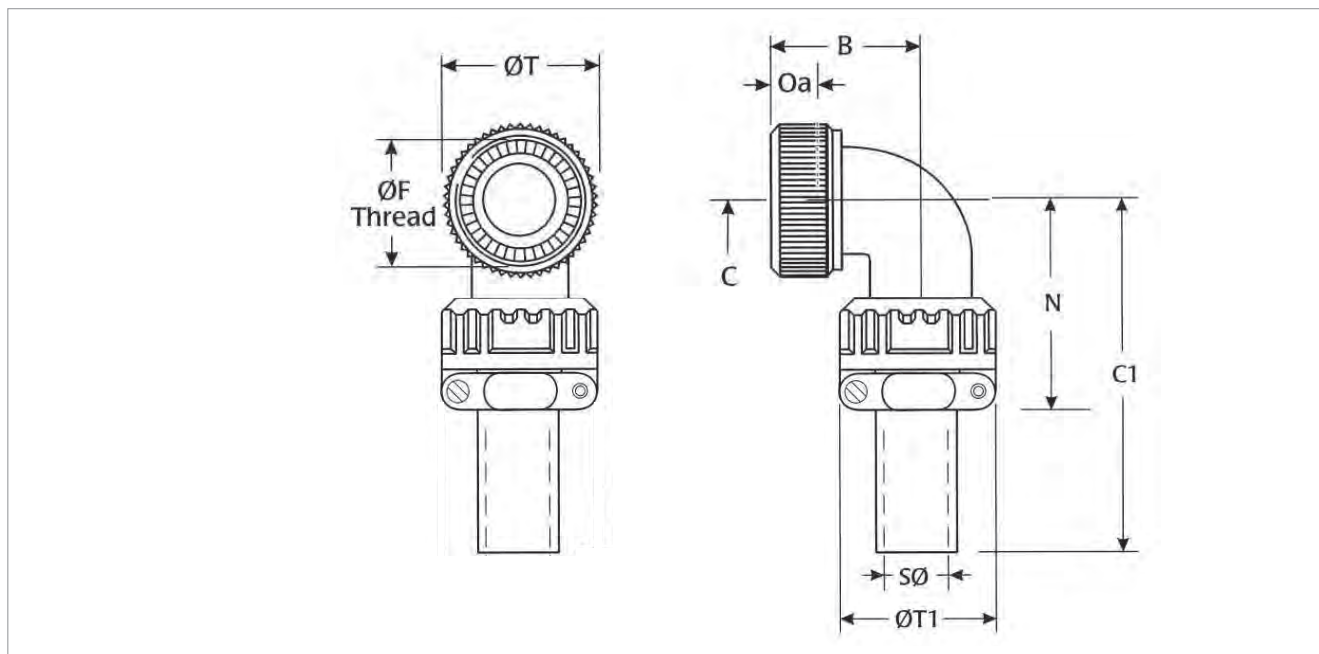
Shell Size	B Max.	C max.	D max.	ØF Thread Class 2B	ØT max.	Oa min. Overlap Accessory
10SL	24.00	23.80	61.00	5/8" x 24 UNEF	22.00	7.00
14S	25.00	26.97	61.00	3/4" x 20 UNEF	25.00	7.00
16S	27.00	30.18	61.00	7/8" x 20 UNEF	28.00	7.00
16	27.00	30.18	61.00	7/8" x 20 UNEF	28.00	7.00
18	30.10	33.32	68.00	1" x 20 UNEF	31.00	7.00
20	33.00	39.67	68.00	1 1/8" x 18 UNEF	35.00	7.00
22	33.10	39.67	68.00	1 1/4" x 18 UNEF	38.00	7.00
24	37.90	44.45	76.00	1 3/8" x 18 UNEF	41.00	7.00
28	37.10	44.45	76.00	1 5/8" x 18 UNEF	48.00	7.00
32	43.10	57.15	87.00	1 7/8" x 16 UN	54.00	7.00
36	45.90	60.33	98.00	2 1/16" x 16 UNS	61.00	7.00
40	49.00	66.68	103.00	2 5/16" x 16 UN	67.00	7.00

ABCIRH/ABBMS

90° Locking Outlet with Cable Clamp & Grommet
Accessory Type 'F'

Style: ABBH-**-**-F-F80

Style: ABB-**-**-FT/ABB-**-**-F



Shell Size	B Max.	C max.	C1 max.	ØF Thread Class 2B	N max.	ØT max.	ØT1 max.	ØS max,	Oa min. Overlap Accessory
10SL	24.00	30.00	100.00	5/8" x 24 UNEF	42.00	22.00	27.70	5.76	7.00
14S	25.00	30.00	100.00	3/4" x 20 UNEF	42.00	25.00	27.50	8.10	7.00
16S	27.00	30.00	100.00	7/8" x 20 UNEF	45.00	28.00	30.00	11.30	7.00
16	27.00	30.00	100.00	7/8" x 20 UNEF	45.00	28.00	30.00	11.30	7.00
18	30.10	35.00	100.00	1" x 20 UNEF	53.00	31.00	33.00	14.45	7.00
20	33.00	35.00	100.00	1 1/8" x 18 UNEF	53.00	35.00	37.50	16.00	7.00
22	33.10	35.00	100.00	1 1/4" x 18 UNEF	53.00	38.00	37.50	16.00	7.00
24	37.90	40.00	100.00	1 3/8" x 18 UNEF	58.00	41.00	43.30	19.23	7.00
28	37.10	40.00	100.00	1 5/8" x 18 UNEF	58.00	48.00	43.30	19.23	7.00
32	43.10	45.00	110.00	1 7/8" x 16 UN	66.00	54.00	51.70	23.98	7.00
36	45.90	50.00	110.00	2 1/16" x 16 UNS	69.00	61.00	58.00	31.93	7.00
40	49.00	54.00	100.00	2 5/16" x 16 UN	85.50	67.00	65.00	35.10	7.00

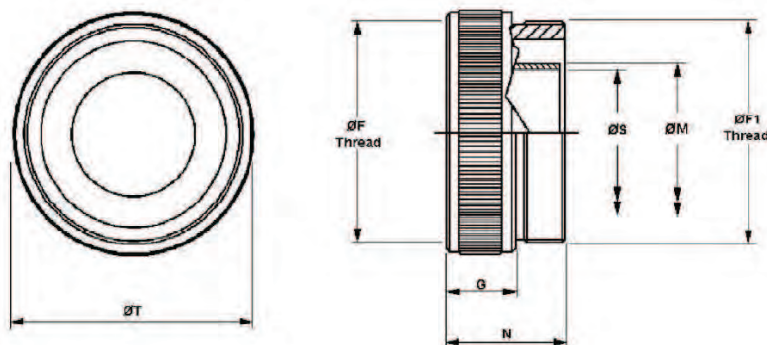
ABCIRH/ABBMS

Conduit Adaptor with Braid Screen Trap - No Grommet

Accessory Type 'RM'

Style: ABBH-**-CRA-F80

Style: ABB-**-CRA



Note.

*This accessory can only be used in conjunction with style 'CCA', 'H', ACA or 'FT' adaptor

Shell Size	ØF Thread Class 2B	ØF1 Thread Class 2A	G max.	N max.	ØS min.	ØT max.	ØM max.
*10SL	-	-	-	-	-	-	-
14S	3/4" x 20 UNEF	7/8" x 20 UNEF	10.00	27.60	8.51	21.53	11.71
16S	7/8" x 20 UNEF	1" x 20 UNEF	10.00	27.60	9.74	25.50	13.10
16	7/8" x 20 UNEF	1" x 20 UNEF	11.00	30.60	9.74	25.50	13.10
18	1" x 20 UNEF	1 3/16" x 18 UNEF	11.00	30.60	12.90	29.10	16.26
20	1 3/16" x 18 UNEF	1 7/16" x 18 UNEF	11.00	30.60	18.23	35.45	21.51
22	1 3/16" x 18 UNEF	1 7/16" x 18 UNEF	11.00	30.60	18.23	35.45	21.51
24	1 7/16" x 18 UNEF	1 3/4" x 18 UNS	11.00	30.60	25.93	43.60	29.21
28	1 7/16" x 18 UNEF	1 3/4" x 18 UNS	11.00	30.60	25.93	43.60	29.21
32	1 3/4" x 18 UNS	1 3/4" x 18 UNS	13.00	30.60	25.93	49.55	29.10
36	2" x 18 UNS	2" x 18 UNS	13.00	30.60	32.00	55.90	35.19
40	2 1/4" x 16 UN	2 1/4" x 16 UN	13.00	30.60	32.33	63.10	35.60

Note.

Please consult factory for availability

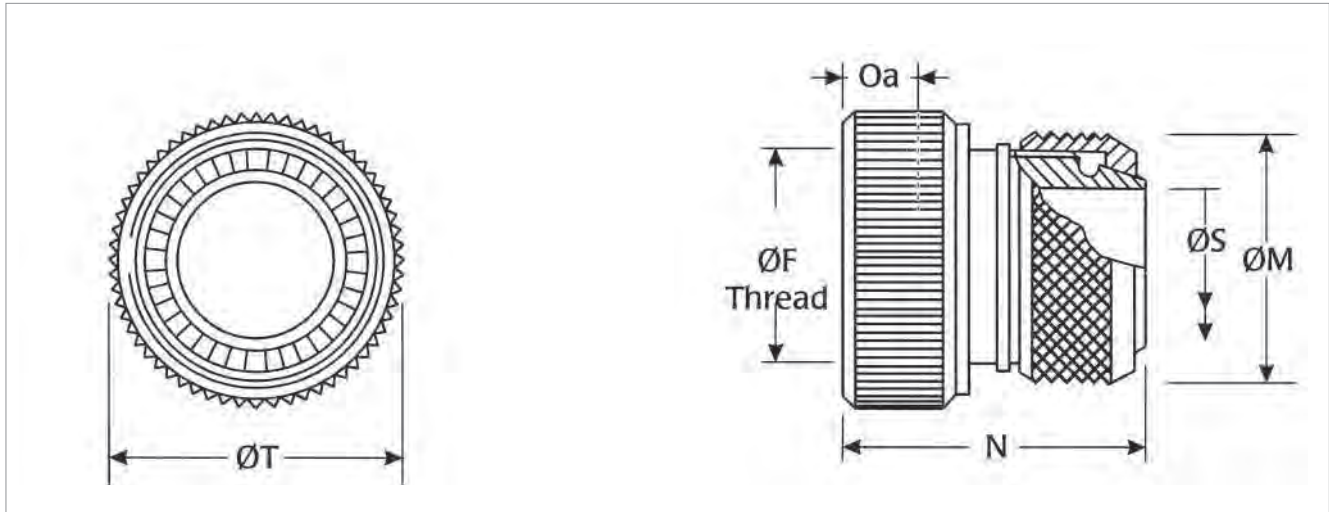
ABCIRH/ABBMS

Locking Screened Cable Adaptor with Grommet

Accessory Type 'M'

Style: ABBH-**-**-SCA-F80

Style: ABB-**-**-SCA



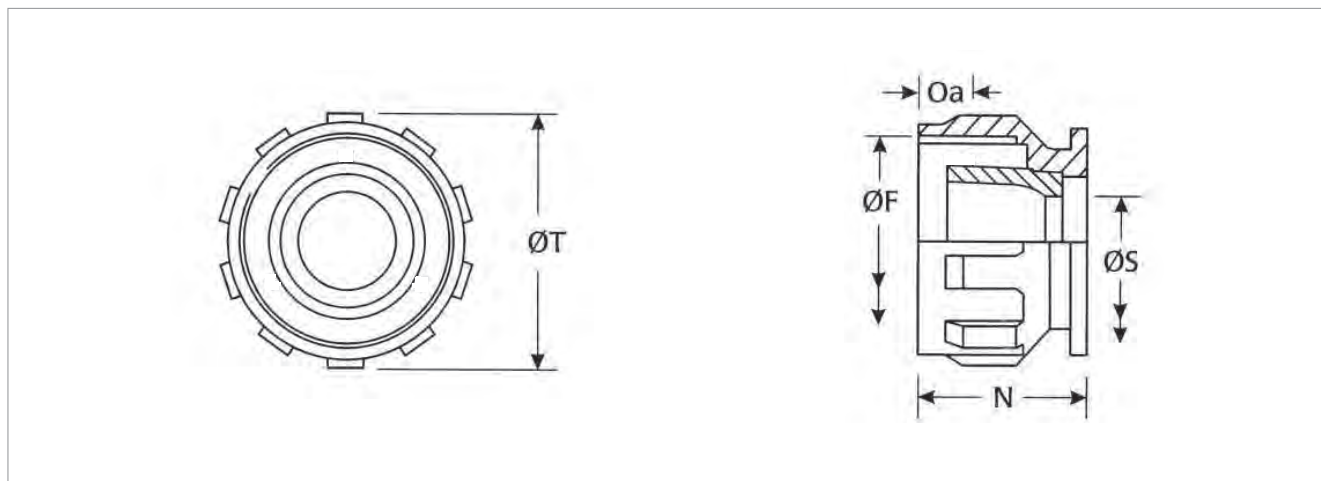
Shell Size	ØF Thread Class 2B	ØM max.	N max.	ØS min.	ØT max.	Oa min. Overlap Accessory
10SL	5/8" x 24 UNEF	19.00	31.30	8.60	22.00	7.00
14S	3/4" x 20 UNEF	22.50	33.90	10.60	25.00	7.00
16S	7/8" x 20 UNEF	25.50	33.90	13.50	28.00	7.00
16	7/8" x 20 UNEF	25.50	33.90	13.50	28.00	7.00
18	1" x 20 UNEF	25.50	36.90	14.60	31.00	7.00
20	1 1/8" x 18 UNEF	32.50	36.90	18.50	35.00	7.00
22	1 1/4" x 18 UNEF	34.50	36.90	20.80	38.00	7.00
24	1 3/8" x 18 UNEF	38.50	36.90	24.60	41.00	7.00
28	1 5/8" x 18 UNEF	41.50	35.90	27.00	48.00	7.00
32	1 7/8" x 16 UN	48.50	35.90	33.30	54.00	7.00
36	2 1/16" x 16 UNS	55.50	35.90	38.50	61.00	7.00
40	2 5/16" x 16 UN	62.050	35.90	45.00	67.00	7.00

ABCIRH/ABBMS

Non-Locking Grommet with Grommet & Follower
Accessory Type 'EV'

Style: ABBH-**-**-EV-F80

Style: ABB--**-**-EV



Shell Size	ØT max.	ØF Thread Class 2B	N max.	ØS min.	Oa min. Overlap Accessory
10SL	21.60	5/8" x 24 UNEF	20.83	8.60	6.10
14S	24.80	3/4" x 20 UNEF	20.83	11.10	6.10
16S	28.70	7/8" x 20 UNEF	20.83	14.30	6.10
16	28.70	7/8" x 20 UNEF	25.53	14.30	7.60
18	31.90	1" x 20 UNEF	25.53	16.70	7.60
20	34.90	1 1/8" x 18 UNEF	25.53	19.80	7.60
22	38.20	1 1/4" x 18 UNEF	25.53	21.34	7.60
24	41.40	1 3/8" x 18 UNEF	25.53	25.40	7.60
28	47.80	1 5/8" x 18 UNEF	25.53	30.13	7.60
32	54.10	1 7/8" x 16 UN	25.53	36.73	7.60
36	58.70	2 1/16" x 16 UNS	25.53	41.00	7.60
40	63.00	2 5/16" x 16 UN	25.64	45.90	7.60

ABCIRH/ABCIRP

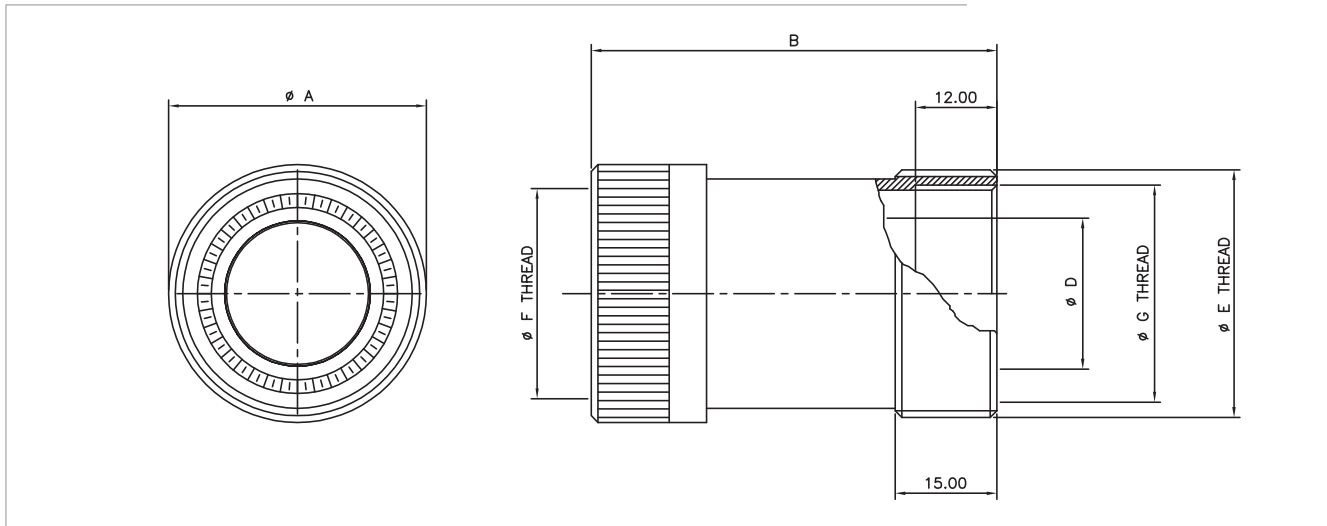
Shell Extender and Nut Assembly

Accessory Type: SUAM/SUAP

Style: ABBH-**-**-SUA*-F80

Style: ABB-**-**-SUA*

* Indicates: M = Metric/P = PG



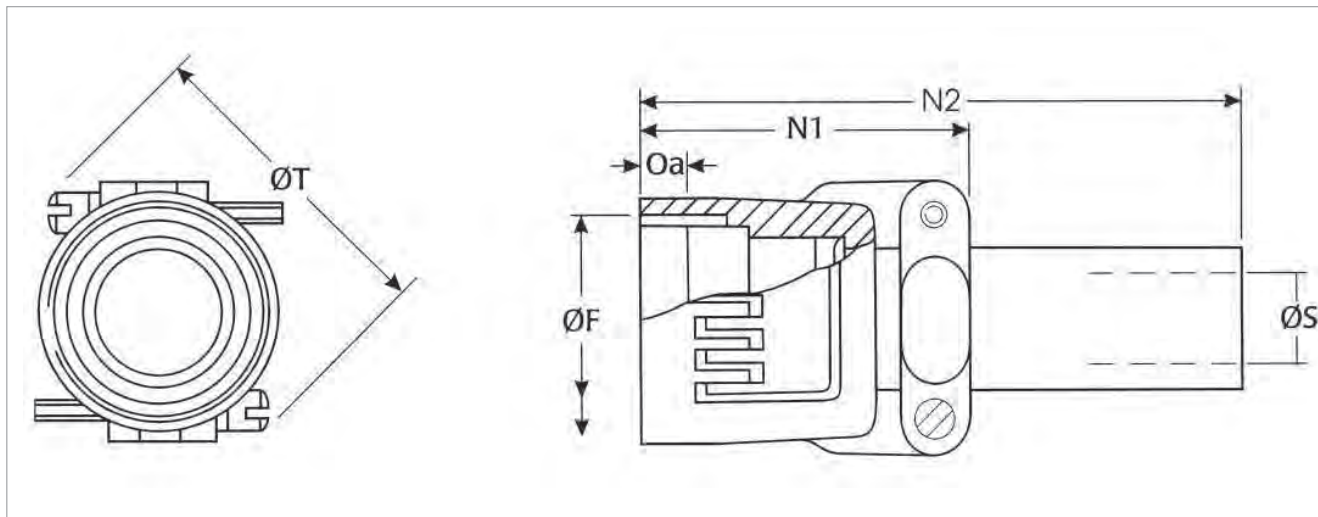
Shell Size	Thread F	ØA max.	B	ØD +0/-0.10 bore	Thread E	ØG Thread	
						Metric	PG
18	1" x 20 UNEF	31.0	58.8	16.7	1 3/16" x 18 UNEF	M25 x 1.5	PG 16
20	1 1/8" x 18 UNEF	35.0	58.8	19.8	1 7/16" x 18 UNEF	M32 x 1.5	PG 21
22	1 1/4" x 18 UNEF	38.0	58.8	19.8	1 7/16" x 18 UNEF	M32 x 1.5	PG 21
24	1 3/8" x 18 UNEF	41.0	58.8	25.4	1 3/4" x 18 UNEF	M40 x 1.5	PG 29
28	1 5/8" x 18 UNEF	48.0	65.8	27.0	1 3/4" x 18 UN	M40 x 1.5	PG 29
32	1 7/8" x 18 UNEF	54.0	65.8	32.5	2" x 18 UNS	M40 x 1.5	PG 29
36	2 1/16" x 18 UNS	61.0	65.8	35.7	2 1/4" x 16 UN	M505 x 1.5	PG 36
40	2 5/16" x 18 UNS	67.0	65.8	45.0	2 1/2" x 16 UN	M50 x 1.5	PG 42

ABCIRH/ABBMS

Non-Locking Cable Clamp with Grommet and Follower
Accessory Type 'D'

Style: ABBH-**-**-OCN-F80

Style: ABB-**-**-OCN



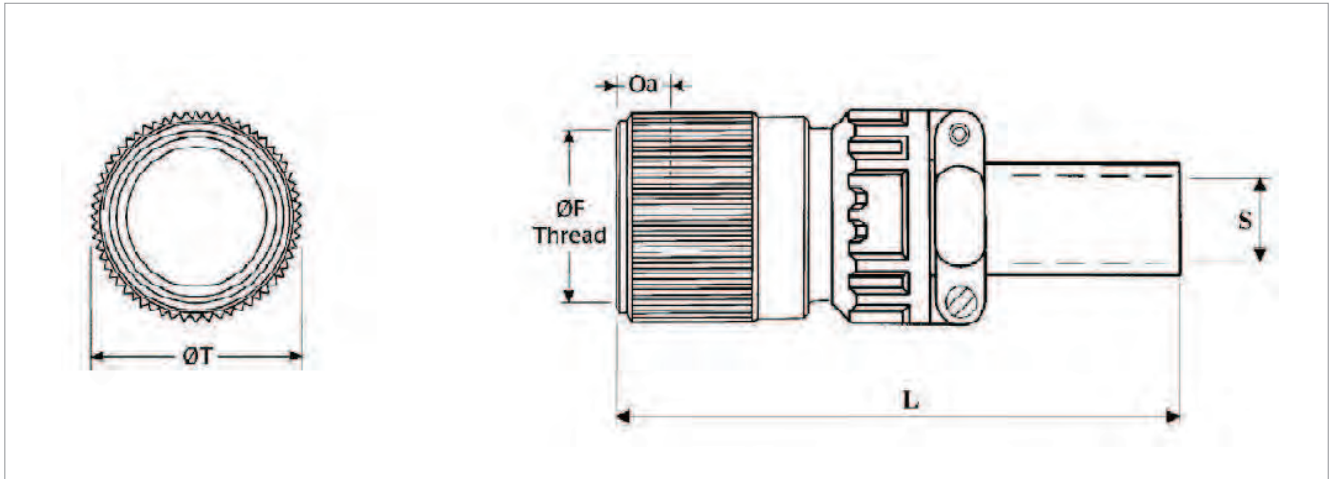
Shell Size	ØF Thread Class 2B	N1 max.	N2 max.	ØS min./max.	ØT max.	Oa min. Overlap Accessory
10SL	5/8" x 24 UNEF	36.42	86.68	3.65/5.76	35.15	7.00
14S	1 1/8" x 18 UNEF	27.41	85.04	4.62/8.10	39.88	7.00
16S	1 1/4" x 18 UNEF	27.41	81.99	7.82/11.30	41.45	7.00
16	1 3/8" x 18 UNEF	27.41	81.99	7.82/11.30	41.45	7.00
18	1 5/8" x 18 UNEF	44.68	85.55	8.79/14.45	45.52	7.00
20	1 7/8" x 16 UN	44.68	84.61	10.54/16.00	49.63	7.00
22	2 1/16" x 16 UNS	44.68	84.61	10.54/16.00	49.63	7.00
24	2 5/16" x 16 UN	44.68	79.20	14.55/19.23	56.29	7.00
28	2 5/16" x 16 UN	54.79	89.31	14.15/19.23	60.45	7.00
32	2 5/16" x 16 UN	54.79	86.13	19.18/23.98	68.43	7.00
36	2 5/16" x 16 UN	54.79	82.98	24.51/31.93	71.68	7.00
40	2 5/16" x 16 UN	54.79	82.98	24.51/31.93	71.68	7.00

ABCIRH/ABBMS

Non-Locking Cable Clamp with Grommet & Follower
Accessory Type 'JE'

Style: ABBH-**-**-JE-F80

Style: ABB-**-**-JE



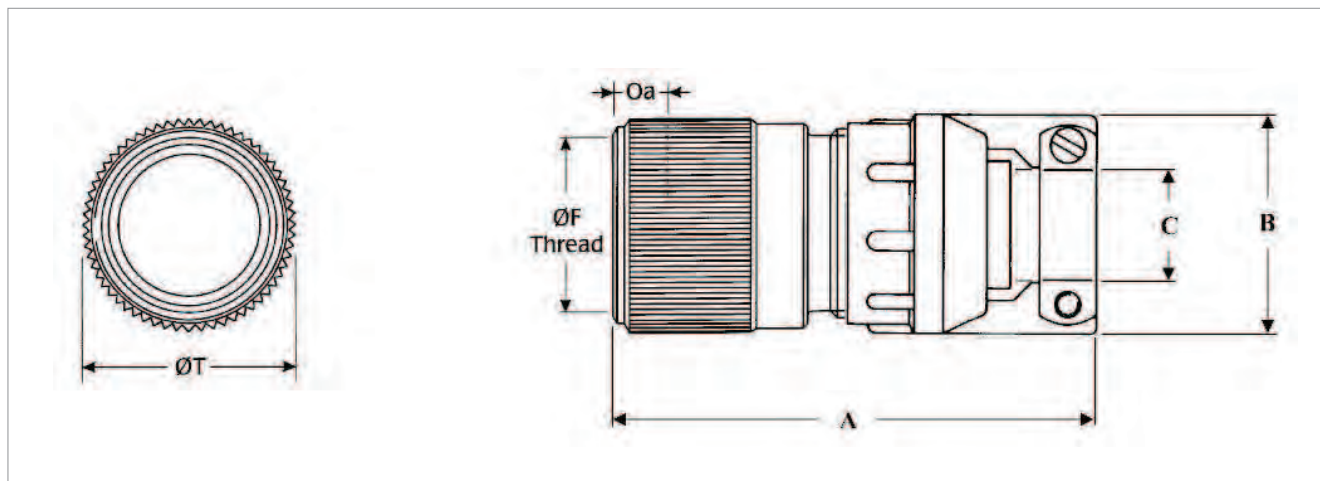
Shell Size	ØF Thread Class 2B	L max.	ØS	ØT max.	Oa min. Overlap Accessory
10SL	5/8" x 24 UNEF	99.13	5.59	19.10	7.00
14S	3/4" x 20 UNEF	95.96	7.92	22.10	7.00
16S	7/8" x 20 UNEF	92.78	11.10	25.50	7.00
16	7/8" x 20 UNEF	94.28	11.10	25.50	7.00
18	1" x 20 UNEF	97.51	14.27	28.60	7.34
20	1 1/8" x 18 UNEF	94.33	15.88	31.85	7.34
22	1 1/4" x 18 UNEF	94.33	15.88	35.03	7.34
24	1 3/8" x 18 UNEF	94.01	19.05	39.10	7.14
28	1 5/8" x 18 UNEF	94.01	19.05	45.60	6.34
32	1 7/8" x 16 UN	90.83	23.80	50.80	7.40
36	2 1/16" x 16 UNS	87.67	31.75	57.45	7.40
40	2 5/16" x 16 UN	84.43	34.92	63.10	6.34

ABCIRH/ABBMS

Non-Locking Sealed Cable Clamp, Grommet & Follower
Accessory Type 'RC'

Style: ABBH-**-**-RC-F80

Style: ABB-**-**-RC



Shell Size	A max.	B max.	C		ØF Thread Class 2B	ØT max.	Oa min. Overlap Accessory
			max.	min.			
10SL	59.10	23.80	7.93	2.38	5/8" x 24 UNEF	19.10	7.00
14S	59.10	26.97	11.12	6.35	3/4" x 20 UNEF	22.10	7.00
16S	59.10	30.18	13.48	7.92	7/8" x 20 UNEF	25.50	7.00
16	60.60	30.18	13.48	7.92	7/8" x 20 UNEF	25.50	7.00
18	70.00	33.32	15.87	9.53	1" x 20 UNEF	28.60	7.34
20	70.00	39.21	19.00	12.70	1 1/8" x 18 UNEF	31.85	7.34
22	70.00	39.21	19.00	12.70	1 1/4" x 18 UNEF	35.03	7.34
24	75.85	44.45	23.80	15.09	1 3/8" x 18 UNEF	39.10	7.14
28	75.85	44.45	23.80	15.09	1 5/8" x 18 UNEF	45.60	6.34
32	81.85	57.15	31.75	23.83	1 7/8" x 16 UN	50.80	7.40
36	88.85	60.33	35.00	24.61	2 1/16" x 16 UNS	57.45	7.40
40	88.85	66.68	41.25	30.18	2 5/16" x 16 UN	63.10	6.34

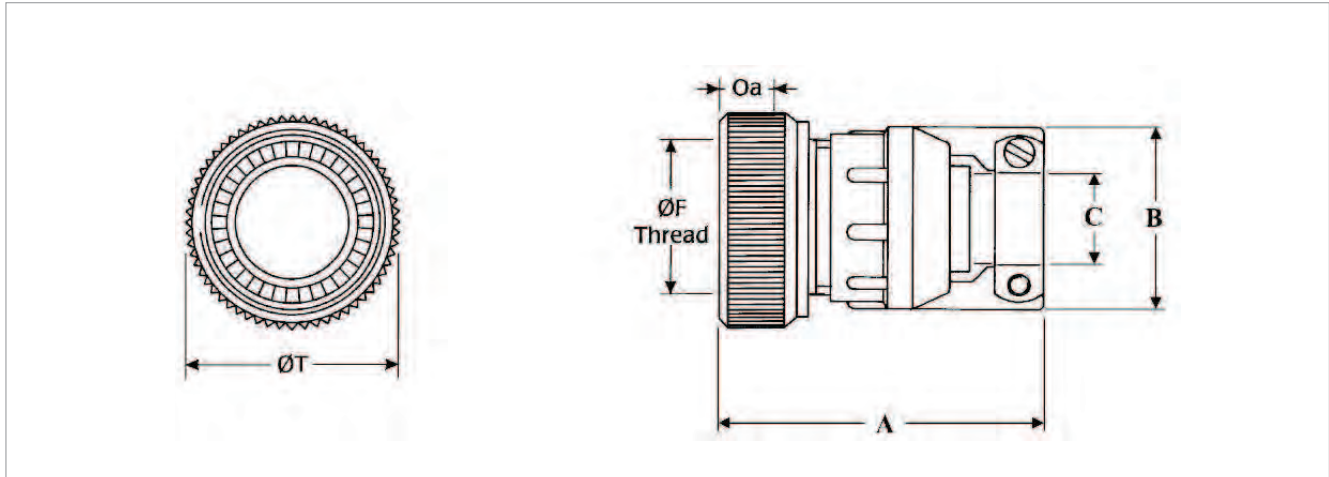
ABCIRH/ABBMS

Locking Sealed Cable Clamp with Grommet

Accessory Type 'HD'

Style: ABBH-**-**-HD-F80

Style: ABB-**-**-HD



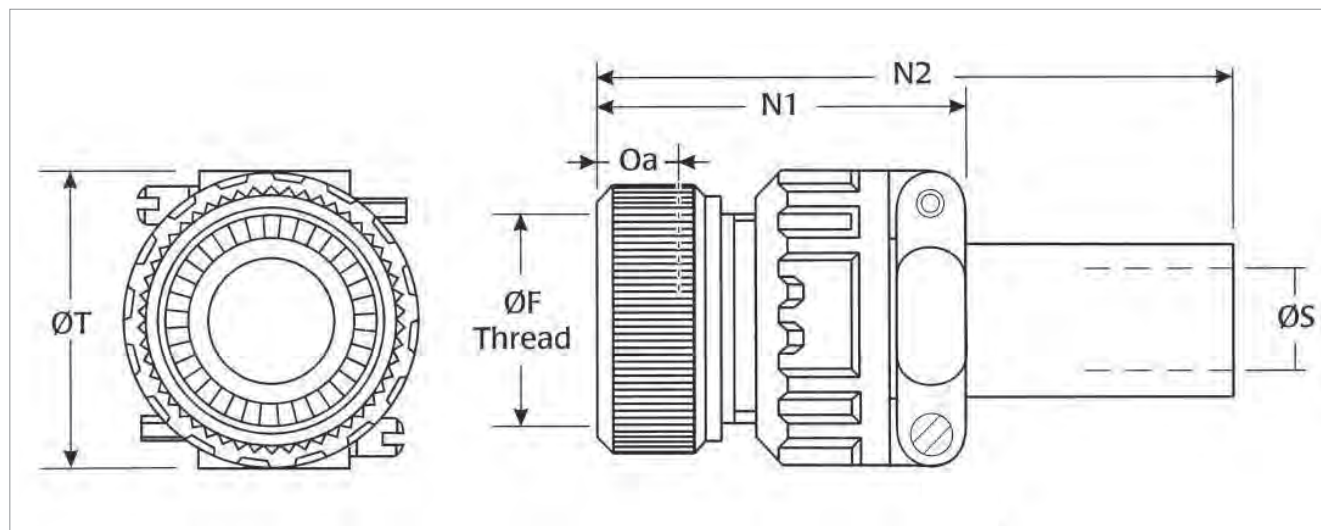
Shell Size	A max.	B max.	C		ØF Thread Class 2B	ØT max.	Oa min. Overlap Accessory
			max.	min.			
10SL	58.87	23.80	7.93	2.38	5/8" x 24 UNEF	22.00	7.00
14S	58.87	26.97	11.12	6.35	3/4" x 20 UNEF	25.00	7.00
16S	58.87	30.18	13.48	7.92	7/8" x 20 UNEF	28.00	7.00
16	58.87	30.18	13.48	7.92	7/8" x 20 UNEF	28.00	7.00
18	62.44	33.32	15.87	9.53	1" x 20 UNEF	31.00	7.00
20	62.44	39.21	19.00	12.70	1 1/8" x 18 UNEF	35.00	7.00
22	62.44	39.21	19.00	12.70	1 1/4" x 18 UNEF	38.00	7.00
24	65.61	44.45	23.80	15.09	1 3/8" x 18 UNEF	41.00	7.00
28	65.71	44.45	23.80	15.09	1 5/8" x 18 UNEF	48.00	7.00
32	70.96	57.15	31.75	23.83	1 7/8" x 16 UN	54.00	7.00
36	77.31	60.33	35.00	24.61	2 1/16" x 16 UNS	61.00	7.00
40	77.31	66.86	41.25	30.18	2 5/16" x 16 UN	67.00	7.00

ABCIRH/ABBMS

Locking Cable Clamp with Grommet
Accessory Type 'HC'

Style: ABBH-**-**-HC-F80

Style: ABB-**-**-HC



Note.

Clamp & Bush are available separately

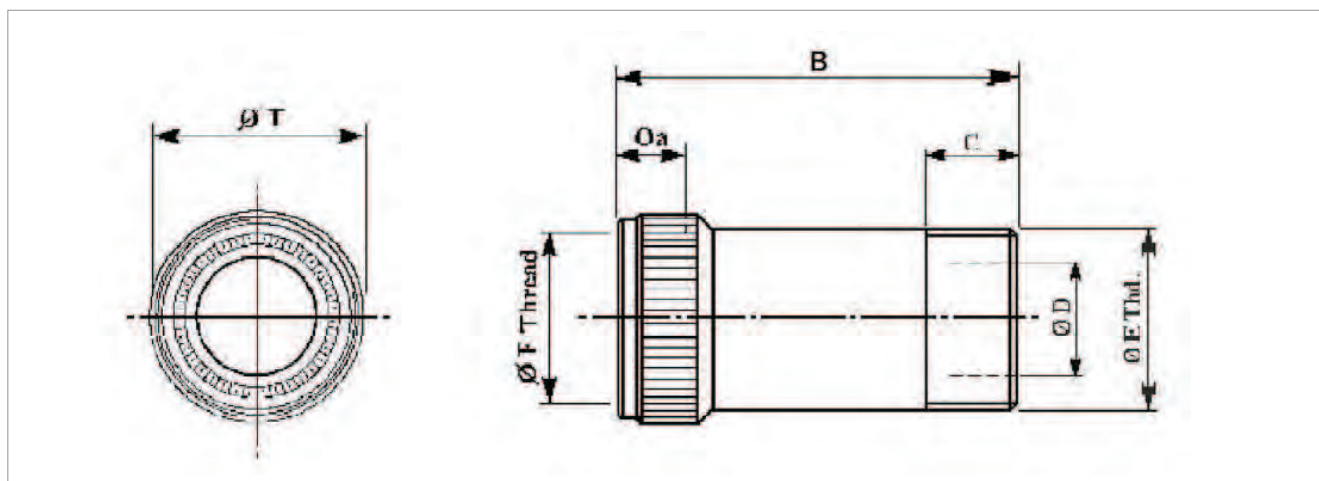
Shell Size	ØF Thread Class 2B	N1 max.	N2 max.	ØS min.	ØT max.	Oa min. Overlap Accessory
10SL	5/8" x 24 UNEF	40.10	100.10	5.59	22.70	7.00
14S	3/4" x 20 UNEF	41.70	96.70	7.92	27.50	7.00
16S	7/8" x 20 UNEF	43.50	98.50	11.10	30.00	7.00
16	7/8" x 20 UNEF	43.50	93.50	11.10	30.00	7.00
18	1" x 20 UNEF	50.00	95.00	14.27	33.00	7.00
20	1 1/8" x 18 UNEF	45.50	90.50	15.88	37.50	7.00
22	1 1/4" x 18 UNEF	45.50	90.50	15.88	37.80	7.00
24	1 3/8" x 18 UNEF	47.50	77.50	19.05	43.30	7.00
28	1 5/8" x 18 UNEF	47.60	77.60	19.05	43.30	7.00
32	1 7/8" x 16 UN	46.50	76.50	23.80	51.70	7.00
36	2 1/16" x 16 UNS	46.40	76.40	31.75	58.00	7.00
40	2 5/16" x 16 UN	59.80	73.80	34.92	65.00	7.00

ABCIRH/ABBMS

Long Backshell with Grommet
Accessory Type 'SHE'

Style: ABBH-**-**-SHE-F80

Style: ABB-**-**-SHE



Shell Size	ØT max.	B	C	±0.10 ØD ^{+0 / -0.10}	ØE Thread	ØF Thread	Oa min. Overlap Accessory
10SL	22.00	48.50	15.00	8.50	5/8" x 24 UNEF	5/8" x 24 UNEF	7.00
14S	25.00	48.50	15.00	11.70	3/4" x 20 UNEF	3/4" x 20 UNEF	7.00
16S	28.00	48.50	15.00	13.90	7/8" x 20 UNEF	7/8" x 20 UNEF	7.00
16	28.00	58.00	15.00	13.90	7/8" x 20 UNEF	7/8" x 20 UNEF	7.00
18	31.00	58.00	15.00	16.90	1" x 20 UNEF	1" x 20 UNEF	7.00
20	35.00	58.80	15.00	20.90	1 3/16" x 18 UNEF	1 1/8" x 18 UNEF	7.00
22	38.00	58.80	15.00	20.90	1 3/16" x 18 UNEF	1 1/4" x 18 UNEF	7.00
24	41.00	58.80	15.00	25.90	1 7/16" x 18 UNEF	1 3/8" x 18 UNEF	7.00
28	48.00	65.80	15.00	25.90	1 7/16" x 18 UNEF	1 5/8" x 18 UNEF	7.00
32	54.00	65.80	15.00	32.00	1 3/4" x 18 UNS	1 7/8" x 16 UNS	7.00
36	61.00	65.80	15.00	36.90	2" x 18 UNS	2 1/16" x 16 UNS	7.00
40	67.00	65.80	15.00	44.90	2 1/4" x 16 UN	2 5/16" x 16 UN	7.00

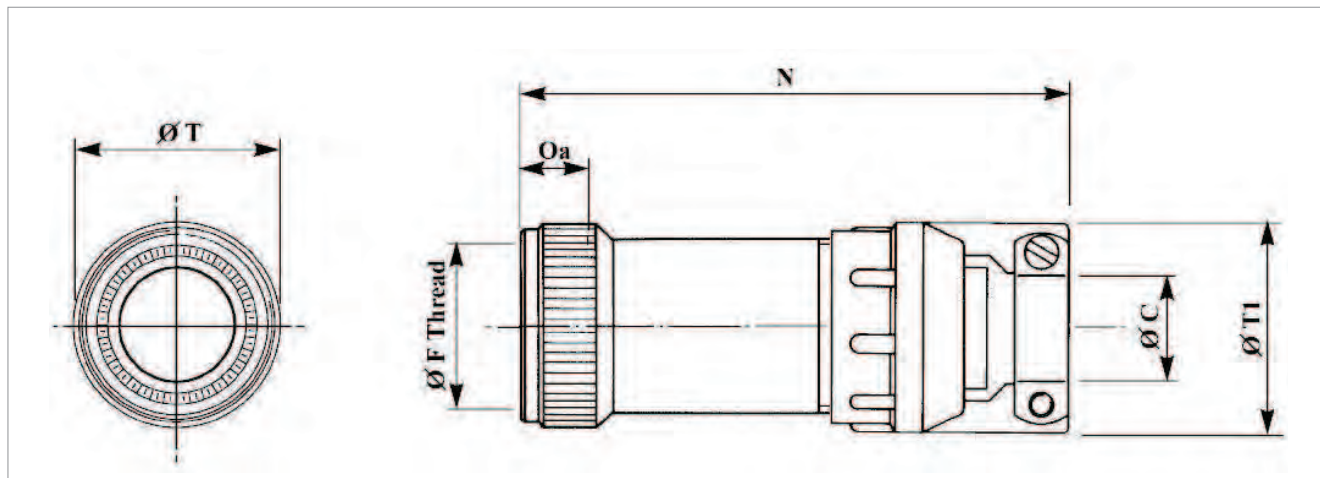
ABCIRH/ABBMS

Long Backshell, Grommet & Sealed Cable Clamp

Accessory Type 'XLC'

Style: ABBH-**-**-XLC-F80

Style: ABB-**-**-XLC



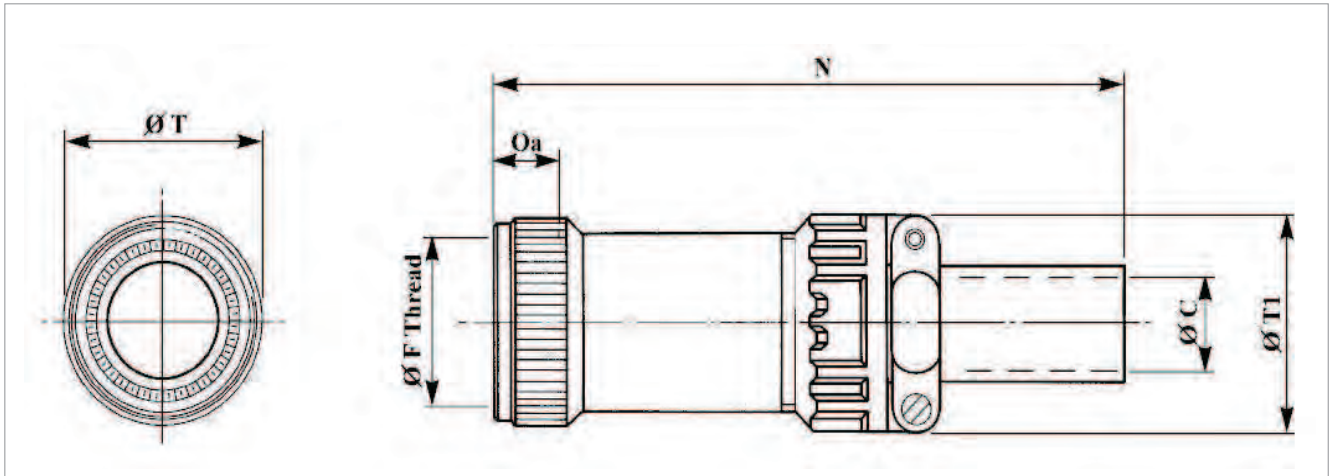
Shell Size	ØC		ØF Thread Class 2B	N	ØT max.	ØT1 max.	Oa min. Overlap Accessory
	max.	min.					
10SL	7.93	2.38	5/8" x 24 UNEF	79.47	22.00	23.80	7.00
14S	11.12	6.35	3/4" x 20 UNEF	79.47	25.00	26.97	7.00
16S	13.48	7.92	7/8" x 20 UNEF	79.47	28.00	30.18	7.00
16	13.48	7.92	7/8" x 20 UNEF	91.33	28.00	30.18	7.00
18	15.87	9.53	1" x 20 UNEF	91.33	31.00	33.32	7.34
20	19.00	12.70	1 1/8" x 18 UNEF	91.33	35.00	39.67	7.34
22	19.00	12.70	1 1/4" x 18 UNEF	91.33	38.00	39.67	7.34
24	23.80	15.09	1 3/8" x 18 UNEF	94.51	41.00	44.45	7.14
28	23.80	15.09	1 5/8" x 18 UNEF	101.51	48.00	44.45	6.34
32	31.75	23.83	1 7/8" x 16 UN	107.86	54.00	57.15	7.40
36	35.00	24.61	2 1/16" x 16 UNS	114.21	61.00	60.33	7.40
40	41.25	30.18	2 5/16" x 16 UN	114.21	67.00	66.68	6.34

ABCIRH/ABBMS

Long Backshell, Grommet, Cable Clamp & Brushing
Accessory Type 'XLA'

Style: ABBH-**-**-XLA-F80

Style: ABB-**-**-XLA

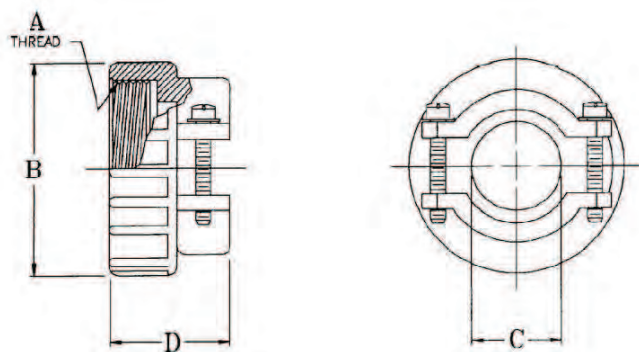


Shell Size	C	Ø F Thread Class 2B	N	Ø T max.	Ø T1 max.	Oa min. Overlap Accessory
10SL	5.59	5/8" x 24 UNEF	118.35	22.00	27.70	7.00
14S	7.92	3/4" x 20 UNEF	115.18	25.00	27.50	7.00
16S	11.10	7/8" x 20 UNEF	112.00	28.00	30.00	7.00
16	11.10	7/8" x 20 UNEF	122.30	28.00	30.00	7.00
18	14.27	1" x 20 UNEF	119.13	31.00	33.00	7.00
20	15.88	1 1/8" x 18 UNEF	115.95	35.00	37.50	7.00
22	15.88	1 1/4" x 18 UNEF	115.95	38.00	37.50	7.00
24	19.05	1 3/8" x 18 UNEF	112.78	41.00	43.30	7.00
28	19.05	1 5/8" x 18 UNEF	119.79	48.00	43.30	7.00
32	23.08	1 7/8" x 16 UN	116.60	54.00	51.70	7.00
36	31.75	2 1/16" x 16 UNS	113.43	61.00	58.00	7.00
40	34.92	2 5/16" x 16 UN	110.20	67.00	65.00	7.00

ABCIRH/ABBMS

Cable Clamp

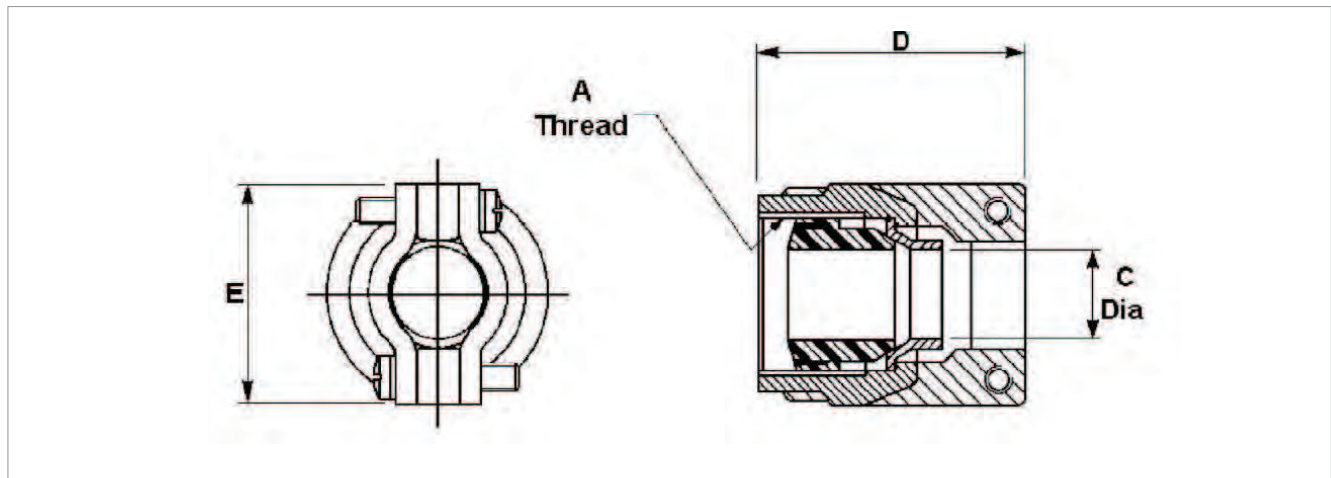
Style: MS 3057A



Shell Size	MS3057 Reference	AB Connectors Part Number	A Thread Class 2A	B max.	ØC min.	D max.
10SL	-4A	CMSP3057A10SL	5/8" x 24 UNEF	21.40	7.95	21.41
14S	-6A	CMSP3057A14S	3/4" x 20 UNEF	25.40	11.13	23.01
16S	-8A	CMSP3057A16S	7/8" x 20 UNEF	28.58	14.30	24.61
16	-8A	CMSP3057A16	7/8" x 20 UNEF	28.58	14.30	24.61
18	-10A	CMSP3057A18	1" x 20 UNEF	30.96	15.88	24.61
20	-12A	CMSP3057A20	1 3/16" x 18 UNEF	35.71	19.05	24.61
22	-12A	CMSP3057A22	1 3/16" x 18 UNEF	35.71	19.05	24.61
24	-16A	CMSP3057A24	1 7/16" x 18 UNEF	42.85	23.83	26.97
28	-16A	CMSP3057A28	1 7/16" x 18 UNEF	24.85	23.83	26.97
32	-20A	CMSP3057A32	1 3/4" x 18 UNS	52.37	31.75	28.58
36	-24A	CMSP3057A36	2" x 18 UNS	57.15	34.93	30.15
40	-28A	CMSP3057A40	2 1/4" x 16 UN	64.29	41.28	43.66

ABCIRH/ABBMS

Sealed Cable Clamp for Jacketed Cable
Style: MS 3057C

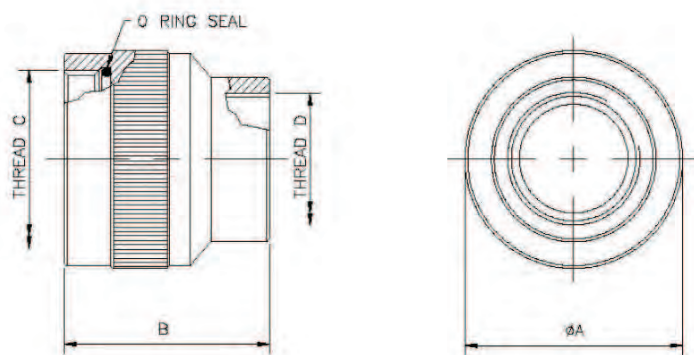


Shell Size	MS3057 Reference	AB Connectors Part Number	A Thread Class 2A	ØC		D max.	E max.
				max.	min		
10SL	-4C	CMSP3057C10SL	5/8" x 24 UNEF	7.93	2.38	34.93	23.80
14S	-6C	CMSP3057C14S	3/4" x 20 UNEF	11.12	6.35	34.93	26.97
16S	-8C	CMSP3057C16S	7/8" x 20 UNEF	13.48	7.92	34.93	30.18
16	-8C	CMSP3057C16	7/8" x 20 UNEF	13.48	7.92	34.93	30.18
18	-10C	CMSP3057C18	1" x 20 UNEF	15.87	9.53	36.50	33.32
20	-12C	CMSP3057C20	1 3/16" x 18 UNEF	19.00	12.70	36.50	39.21
22	-12C	CMSP3057C22	1 3/16" x 18 UNEF	19.00	12.70	36.50	39.21
24	-16C	CMSP3057C24	1 7/16" x 18 UNEF	23.80	15.09	39.67	44.45
28	-16C	CMSP3057C28	1 7/16" x 18 UNEF	23.80	15.09	39.67	44.45
32	-20C	CMSP3057C32	1 3/4" x 18 UNS	31.75	23.83	46.02	57.15
36	-24C	CMSP3057C36	2" x 18 UNS	35.00	24.61	52.37	60.33
40	-28C	CMSP3057C40	2 1/4" x 16 UN	41.25	30.18	52.37	66.68

ABCIRH/ABBMS

PG Threaded Adaptors

(DIN 40430)



Note.

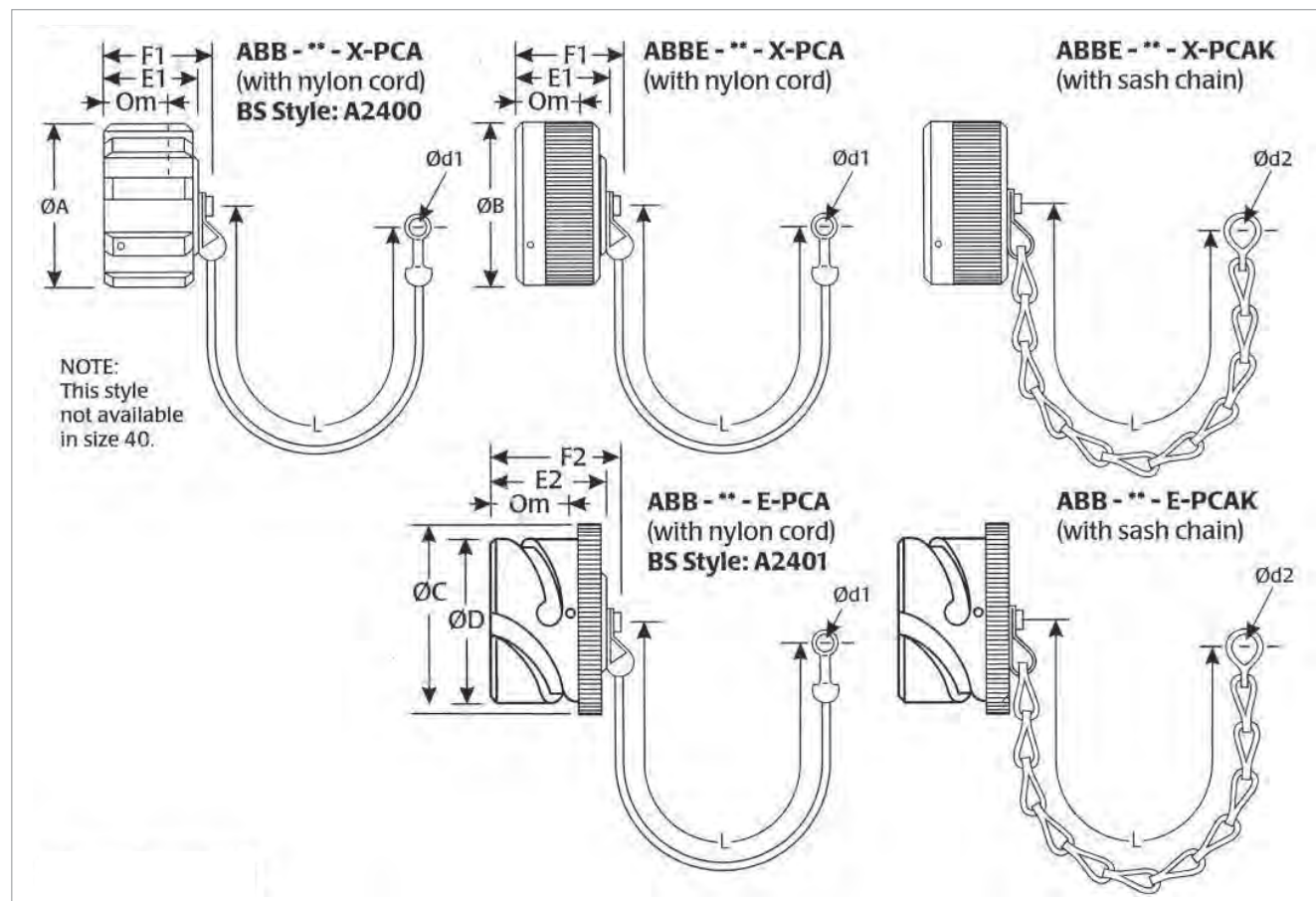
PG threaded adaptors are used in conjunction with straight and 90° backshell styles ACA, CCA, XL & FT.
For other sizes please contact the Sales Office.

Part Number	Shell Size	ØA	B	ØC Thread	ØD Thread
ABB-10SL-PGA	10SL	20.00	35.00	5/8" x 24 UNEF	PG 9
ABB-14S-PGA-B	14S - 14	23.50	35.00	3/4" x 20 UNEF	PG 9
ABB-16SL-PGA-E	16S - 16	28.00	35.00	7/8" x 20 UNEF	PG 16
ABB-16S-PGA-F	16S - 16	34.00	40.00	7/8" x 20 UNEF	PG 21
ABB-18-PGA-F	18	34.00	40.00	1" x 20 UNEF	PG 21
ABB-20-PGA-E	20 - 22	37.00	35.00	1 3/16" x 18 UNEF	PG 16
ABB-20-PGA-G	22 - 22	43.00	40.00	1 3/16" x 18 UNEF	PG 29
ABB-24-PGA-F	24 - 28	43.00	40.00	1 7/16" x 18 UNEF	PG 21
ABB-24-PGA-G	28 - 28	43.00	40.00	1 7/16" x 18 UNEF	PG 29
ABB-24-PGA-H	24 - 28	54.00	46.00	1 7/16" x 18 UN	PG 36
ABB-24-PGA-H	32	54.00	38.00	1 3/4" x 18 UNS	PG 36
ABB-36-PGA-H	36	57.20	50.00	2" x 18 UN	PG 36
ABB-40-PGA-J	40	65.00	51.00	2 1/4" x 16 UN	PG 42

ABCIRH/ABBMS

Protective Caps

Style: ABB- -XPCA ;ABBE- -XPCA & XPCAK; ABB- -EPCA & EPCAK



Shell Size	ØA max.	ØB max.	ØC max.	ØD max.	E1 max.	E2 max.	F1 max.	F2 max.	L approx (note)	Ød1 min.	Ød1 +0.5-0 +0.02-0	Om min. Overlap mated
10SL	24.2	22.8	26.1	18.2	17.5	21.6	24.6	28.4	90	4.85	4.3	11.1
14S	30.6	29.2	32.5	24.6	17.5	21.6	24.6	28.4	90	4.85	4.3	11.1
16S	33.4	32.4	35.3	27.4	17.5	21.6	24.6	28.4	90	4.85	4.3	11.1
16	33.4	32.4	35.3	27.4	24.0	27.3	24.6	28.4	100	4.85	4.3	15.85
18	37.3	36.5	38.7	30.8	24.0	27.3	29.8	33.9	100	4.85	4.3	15.85
20	40.7	39.9	42.1	34.2	24.0	27.3	29.8	33.9	115	4.85	4.3	15.85
22	44.2	43.1	45.3	37.4	24.0	27.3	29.8	33.9	115	4.85	4.3	15.75
24	47.7	46.6	48.8	40.9	24.0	27.3	29.8	33.9	115	4.85	4.3	15.75
28	54.5	53.4	54.6	46.7	24.0	27.3	29.8	33.9	160	4.85	4.3	15.75
32	61.4	60.1	61.3	53.4	27.0	27.3	29.8	33.9	160	4.85	5.5	15.75
36	68.0	66.3	67.5	59.6	27.0	27.3	29.8	33.9	160	4.85	5.5	15.75
*40	N/A	72.1	73.4	65.5	27.0	27.3	29.8	33.9	160	4.85	5.5	15.75

Note.

* Consult factory before ordering
For other sizes please contact the Sales Office.

AB05

Backshell Part Number Explanations

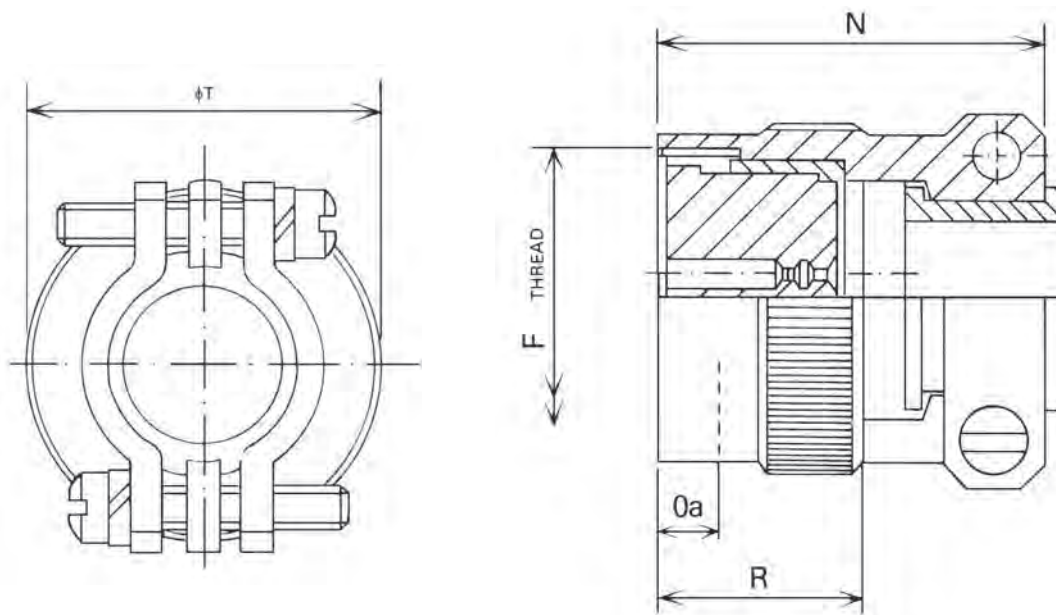
Product Range:		AB05	00	XX	XX	XX	00	XX
Shell Style:	00 : No Connector. Accessory Only							
	27: Strain Relief Clamp							
	29: Straight outlet internally screened							
	30: Straight outlet internally screened							
	40: Grommet Nut							
	50: General Duty Adaptor (no grommet necessary)							
	Accessory Class:							
	55: Sealing Gland (no grommet necessary)							
	62: Sealing Gland with integral cable clamp							
	65: Cover for Square Flange Receptacle							
	66: Cover for Jam Nut Receptacle							
	70: Cover for Plug							
	75: Screen and Heat Shrink Adaptor							
	2*: Screening Heat Shrink Adaptor, Sealing type (*indicates Entry Size)							
	3*: Screening Heat Shrink Adaptor 90° Outlet, Sealing type							
Accessory Size:	08, 10,12, 14, 16, 18, 20, 22, 24 (increases in sixteenths of an inch)							
Contact Layout:	Refers to Grommet where fitted.							
	00: No Grommet supplied							
Orientation:	00 : No orientation							
Modification:	Consult Factory							



AB05

Strain Relief Clamp

Style: AB05-0027

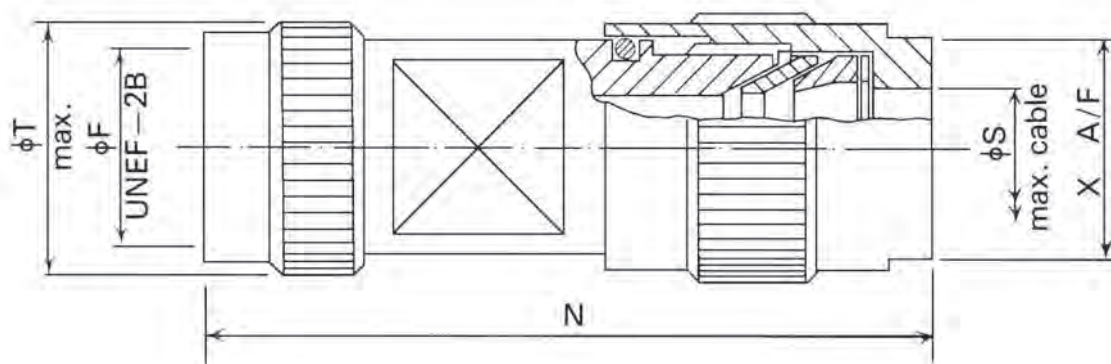
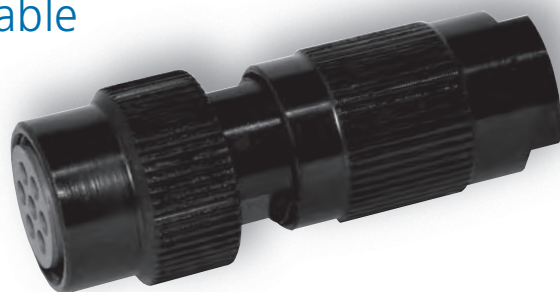


Shell Size	F thread UNEF 2B	N max.	Oa min.	R max.	T Ø max.	MASS max. G
08	$7/16$ -28	31.40	4.80	16.50	15.20	18
10	$9/16$ -24	31.40	4.80	16.50	18.50	19
12	$11/16$ -24	31.40	4.80	16.50	21.80	20
14	$13/16$ -20	31.40	4.80	16.50	25.10	22
16	$15/16$ -20	33.50	4.80	16.50	28.20	25
18	$1 1/16$ -18	34.30	4.80	16.50	31.50	29
20	$1 3/16$ -18	36.80	4.80	17.20	34.50	31
22	$1 5/16$ -18	36.80	4.80	17.20	37.60	38
24	$1 7/16$ -18	36.80	4.80	17.20	40.90	42

AB05

Straight Outlet for Internally Screened Cable

Style: AB05-0029



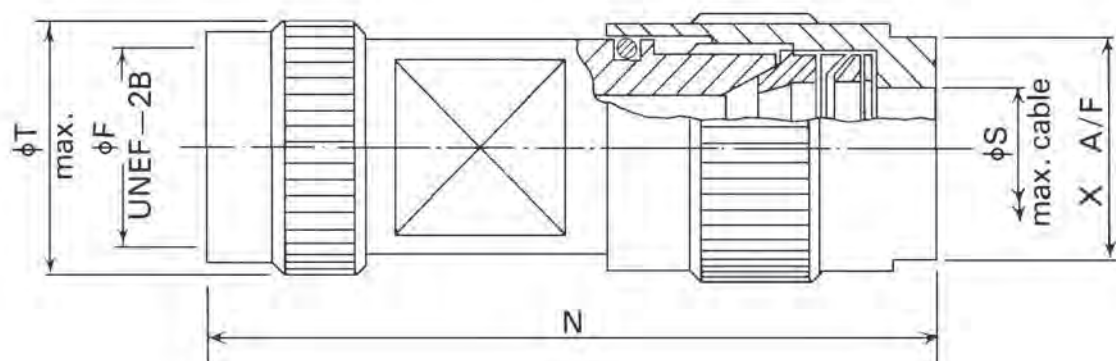
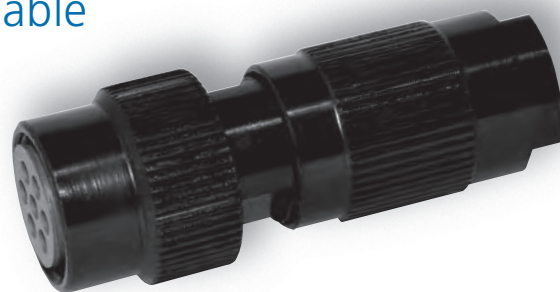
Shell Size	T Ø max.	F thread Ø	N max.	S Ø	X A/F
08	17.53	$7/16 \times 28$	51.30	7.20	12.70
10	19.30	$9/16 \times 24$	51.05	8.70	12.70
12	21.74	$11/16 \times 24$	63.30	7.20; 11.80	15.87
14	26.52	$13/16 \times 20$	63.91	12.50	17.45
16	29.82	$15/16 \times 20$	67.06	14.60	19.05
18	*	*	*	*	*
20	35.66	$13/16 \times 18$	67.06	16.70	25.40
22	*	*	*	*	*
24	42.00	$17/16 \times 18$	76.58	20.30	26.97

* Please consult factory

AB05

Straight Outlet for Externally Screened Cable

Style: AB05-0030



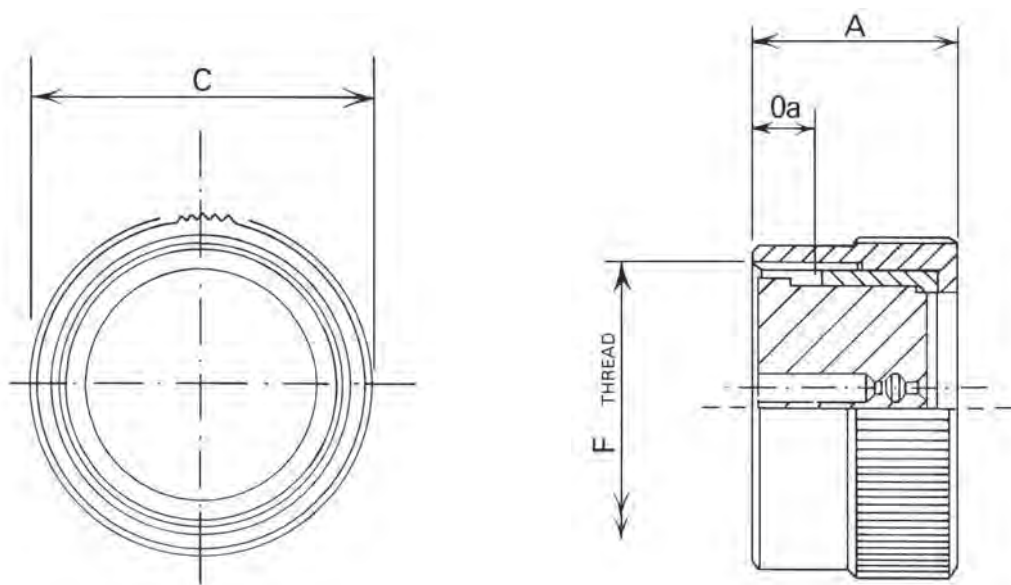
Shell Size	T Ø max.	F thread Ø	N max.	S Ø	X A/F
08	17.53	$7/16 \times 28$	51.30	7.20	12.70
10	19.30	$9/16 \times 28$	51.05	8.70	12.70
12	21.74	$11/16 \times 24$	63.30	7.20; 11.80	15.87
14	26.52	$13/16 \times 20$	63.91	12.50	17.45
16	29.62	$15/16 \times 20$	67.06	14.60	19.05
18	*	*	*	*	*
20	*	*	*	*	*
22	*	*	*	*	*
24	*	*	*	*	*

* Please consult factory

AB05

Grommet Nut

Style: AB05-0040

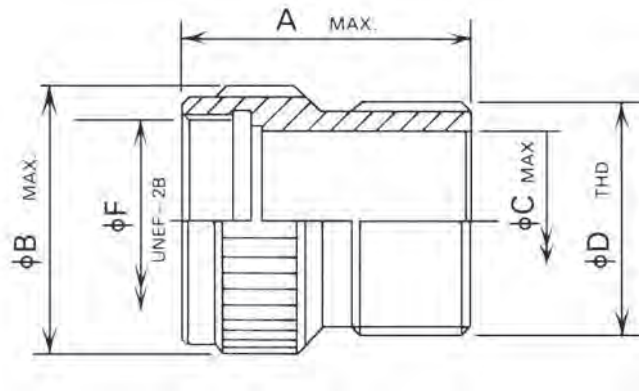


Shell Size	F thread Class 2B	A max.	Oa min. overlap	C Ø max.	MASS max. G
08	$\frac{7}{16}$ -28 UNEF	16.50	4.80	15.20	7
10	$\frac{9}{16}$ -24 UNEF	16.50	4.80	18.50	9
12	$\frac{11}{16}$ -24 UNEF	16.50	4.80	21.80	12
14	$\frac{13}{16}$ -20 UNEF	16.50	4.80	25.20	14
16	$\frac{15}{16}$ -20 UNEF	16.50	4.80	28.20	17
18	$1\frac{1}{16}$ -18 UNEF	16.50	4.80	31.50	21
20	$1\frac{3}{16}$ -18 UNEF	17.20	4.80	34.50	22
22	$1\frac{5}{16}$ -18 UNEF	17.20	4.80	37.50	26
24	$1\frac{7}{16}$ -18 UNEF	17.20	4.80	40.90	28

AB05

General Duty Adaptor (no Grommet necessary)

Style: AB05-0050

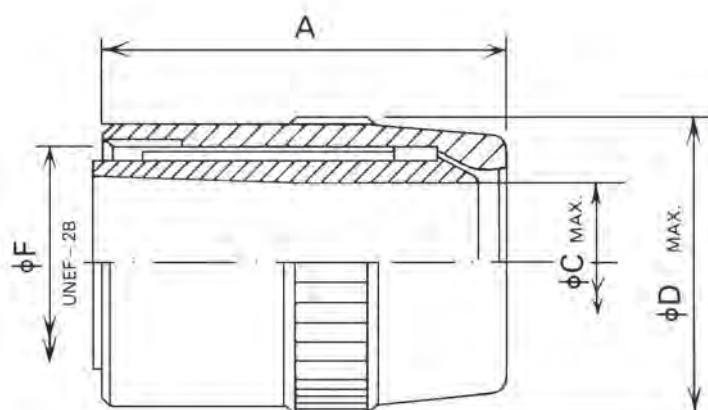


Shell Size	F thread Ø	A	C Ø	B Ø	D thread Ø
08	$\frac{7}{16} \times 28$	23.75	8.36	14.99	$\frac{1}{2} \times 28$ UNEF
10	$\frac{9}{16} \times 24$	23.75	11.35	18.29	$\frac{5}{8} \times 24$ UNEF
12	$\frac{11}{16} \times 24$	23.75	14.53	21.59	$\frac{3}{4} \times 20$ UNEF
14	$\frac{13}{16} \times 20$	23.75	17.42	24.89	$\frac{7}{8} \times 20$ UNEF
16	$\frac{15}{16} \times 20$	23.75	20.60	27.84	1 x 20 UNEF
18	$1\frac{1}{16} \times 18$	23.75	23.34	30.73	$1\frac{3}{16} \times 18$ NEF
20	$1\frac{3}{16} \times 18$	23.75	24.89	34.29	$1\frac{3}{16} \times 18$ NEF
22	$1\frac{5}{16} \times 18$	23.75	29.69	37.59	$1\frac{7}{16} \times 18$ NEF
24	$1\frac{7}{16} \times 18$	23.75	31.24	40.64	$1\frac{7}{16} \times 18$ NEF

AB05

Sealing Gland (no Grommet necessary)

Style: AB05-0055

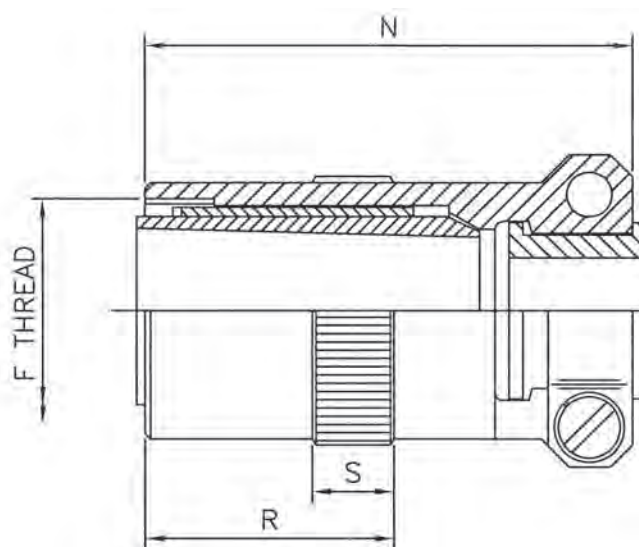
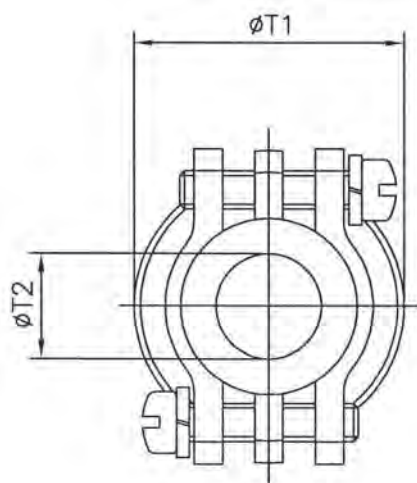


Shell Size	F thread Ø	A	C Ø max.	D Ø max.
08	$\frac{7}{16}$ x 28	26.80	5.84	14.22
10	$\frac{9}{16}$ x 24	26.80	7.92	17.37
12	$\frac{11}{16}$ x 24	29.33	11.23	20.57
14	$\frac{13}{16}$ x 20	33.02	13.69	23.75
16	$\frac{15}{16}$ x 20	38.71	15.60	26.92
18	$1\frac{1}{16}$ x 18	43.79	17.07	30.10
20	$1\frac{3}{16}$ x 18	48.90	18.90	33.27
22	$1\frac{5}{16}$ x 18	54.23	21.44	36.45
24	$1\frac{7}{16}$ x 18	55.25	22.61	39.62

AB05

Sealing Gland with Integral Cable Clamp

Style: AB05-0062



Shell Size	F thread UNEF 2B	N max.	R max.	S max.	T1 Ø max.	T2 Ø max.	Closing Ø of sealing gland
08	$7/16 \times 28$ UNEF	39.20	19.10	5.08	15.0	3.96	4.98
10	$9/16 \times 24$ UNEF	39.20	19.10	5.08	18.30	4.93	5.06
12	$11/16 \times 24$ UNEF	41.80	20.30	5.08	21.60	8.20	9.45
14	$13/16 \times 20$ UNEF	44.70	22.90	7.62	24.90	9.68	11.30
16	$15/16 \times 20$ UNEF	50.80	28.70	8.48	27.90	12.85	14.35
18	$11/16 \times 18$ UNEF	55.10	27.40	8.48	30.70	16.03	15.44
20	$13/16 \times 18$ UNEF	66.50	27.40	8.48	34.30	16.03	14.96
22	$15/16 \times 18$ UNEF	71.90	27.40	8.48	37.60	19.20	15.24
24	$17/16 \times 18$ UNEF	72.90	27.40	9.25	40.60	20.47	19.71

AB05

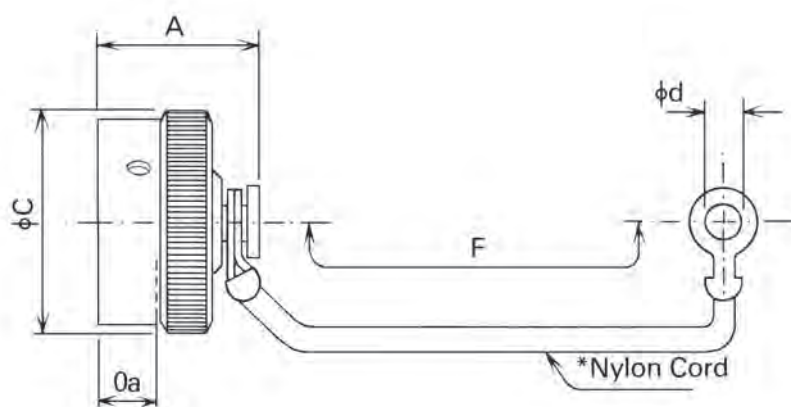
Cover for Square Flange Receptacle
Style: AB05-0065

AB05

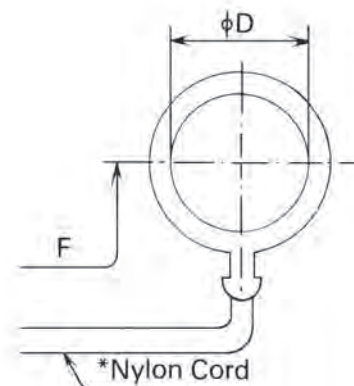
Cover for Jam Nut Receptacle
Style: AB05-0066



AB05-0065



AB05-0066



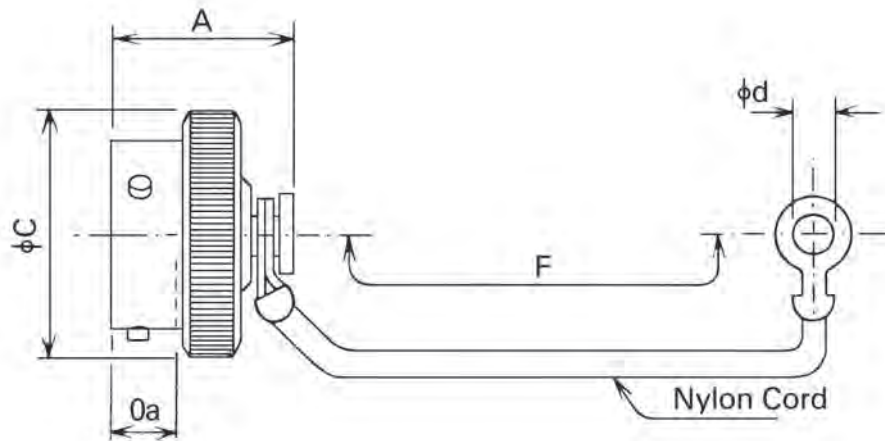
* Part number for cover with Ball Chain attachment is AB05 0067 or AB05 0068 respectively.

Shell Size	A max.	C Ø max.	d Ø min.	D Ø min.	F approx.	Oa min.	MASS max. G
08	20.10	19.10	3.05	14.50	76.0	7.30	10
10	20.10	21.80	3.05	17.80	76.0	7.30	11
12	20.10	26.40	3.05	22.40	89.0	7.30	14
14	20.10	30.0	3.05	25.70	89.0	7.30	16
16	20.10	33.30	3.05	28.70	89.0	7.30	18
18	20.10	35.60	3.05	32.0	89.0	7.30	20
20	21.60	39.10	3.05	35.10	102.0	7.30	24
22	21.60	42.20	3.05	38.40	102.0	7.30	25
24	22.40	45.20	3.73	41.40	102.0	8.90	29

AB05

Cover for Plug

Style: AB05-0070



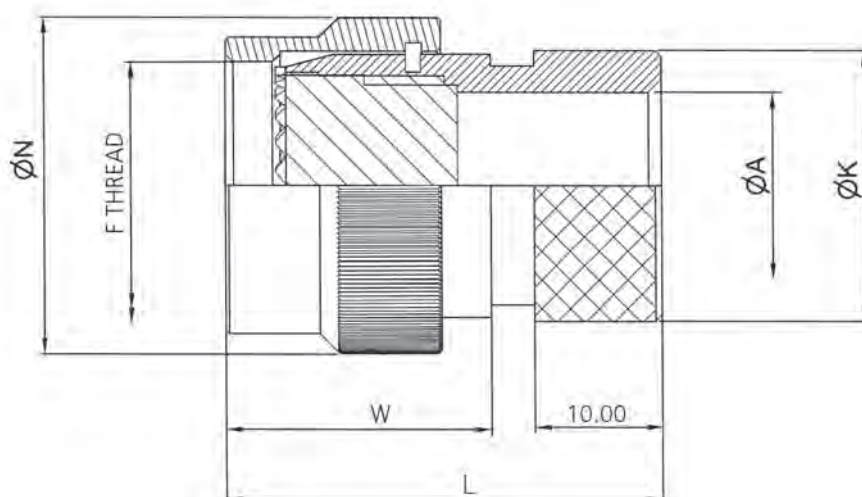
* Part number for cover with Ball Chain Attachment is AB05 0072.

Shell Size	A max.	C Ø max.	d Ø min.	F approx.	Oa min. overlap	MASS max. G
08	20.10	19.10	3.05	76.0	7.30	8
10	20.10	21.80	3.05	76.0	7.30	9
12	20.10	26.40	3.05	89.0	7.30	11
14	20.10	30.0	3.05	89.0	7.30	13
16	20.10	33.30	3.05	89.0	7.30	15
18	20.10	35.60	3.05	89.0	7.30	17
20	21.80	39.10	3.05	102.0	7.30	24
22	21.80	42.20	3.05	102.0	7.30	27
24	22.40	45.20	3.73	102.0	8.90	30

AB05

Screen and Heat Shrink Adaptor

Style: AB05-0075

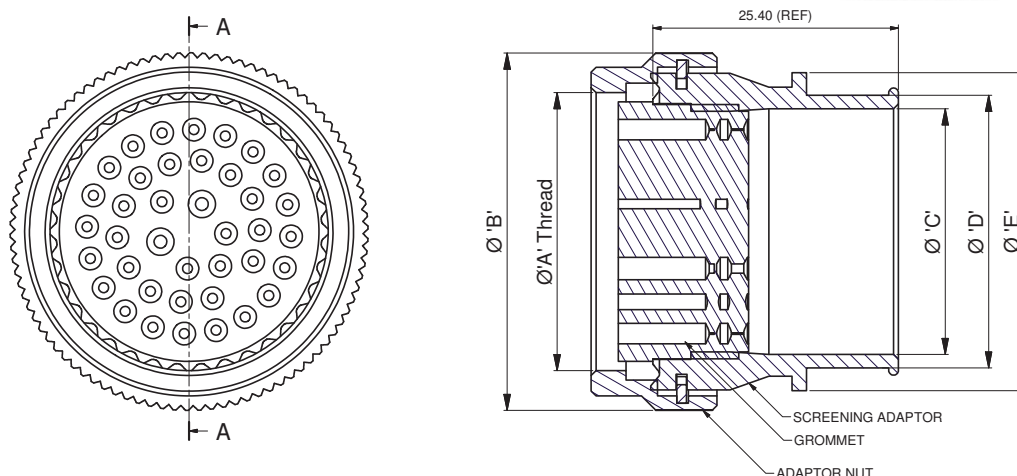


Shell Size	F thread UNEF 2B	A Ø max.	K Ø max.	N Ø max.	W max.	L max.
08	7/16 x 28	5.59	13.46	15.20	16.50	35.51
10	9/16 x 24	8.56	15.24	18.50	16.50	35.51
12	1 1/16 x 24	11.76	19.56	21.80	16.50	35.51
14	1 3/16 x 20	14.66	21.29	25.20	16.50	35.51
16	1 5/16 x 20	17.73	24.36	28.20	16.50	35.51
18	1 7/16 x 18	20.32	26.42	31.50	16.50	35.51
20	1 9/16 x 18	22.91	29.54	34.50	17.20	35.51
22	1 5/8 x 18	26.57	32.66	37.50	17.20	35.51
24	1 7/8 x 18	28.35	35.22	40.90	17.20	35.51

AB05

Screening Heat Shrink Adaptor, Sealing Type Style: AB05-002*

* Indicates Entry Size



Shell Size	A thread UNEF 2B	B max.	Entry Range
08	$\frac{7}{16}$ - 28	22.0	03 - 07
10	$\frac{9}{16}$ - 24	22.0	03 - 10
12	$\frac{11}{16}$ - 24	26.2	03 - 16
14	$\frac{13}{16}$ - 20	29.20	03 - 18
16	$\frac{15}{16}$ - 20	32.20	03 - 20
18	$1\frac{1}{16}$ - 18	35.20	03 - 22
20	$1\frac{3}{16}$ - 18	39.20	03 - 24
22	$1\frac{5}{16}$ - 18	42.20	03 - 24
24	$1\frac{7}{16}$ - 18	48.20	03 - 24

Entry Dimensions:

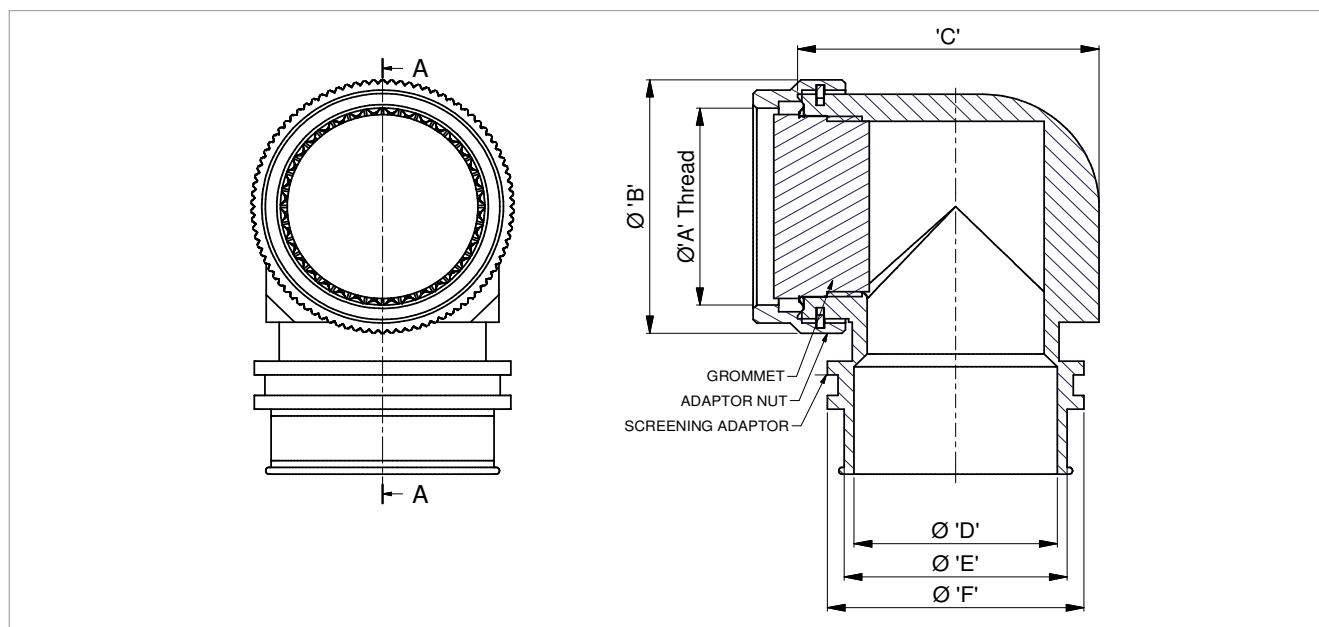
Entry Size	C	D Knurl	E max.
03	4.77	9.75	13.90
04	6.35	9.75	13.90
05	7.92	10.72	15.50
06	9.52	12.32	17.20
07	11.10	13.90	18.70
08	12.70	15.50	20.30
09	14.27	17.07	21.90
10	15.88	18.68	23.50
11	17.47	20.27	25.10
12	19.05	21.85	26.70
13	20.62	23.42	28.30

Entry Size	C	D Knurl	E max.
14	22.23	25.03	29.90
15	23.82	26.62	31.50
16	25.40	28.20	33.10
17	27.00	29.80	34.70
18	28.60	31.40	36.30
19	30.20	33.00	37.90
20	31.80	34.60	39.50
21	33.38	36.18	41.10
22	35.00	37.80	42.70
23	36.58	39.38	44.30
24	38.10	40.90	45.90

AB05

Screening Heat Shrink Adaptor 90° Outlet, Sealing Type Style: AB05-003*

* Indicates Entry Size



Shell Size	A thread UNEF 2B	B max.	Entry Range
08	$\frac{7}{16}$ - 28	22.0	03 - 07
10	$\frac{9}{16}$ - 24	22.0	03 - 10
12	$\frac{11}{16}$ - 24	26.2	03 - 16
14	$\frac{13}{16}$ - 20	29.20	03 - 18
16	$\frac{15}{16}$ - 20	32.20	03 - 20
18	$1\frac{1}{16}$ - 18	35.20	03 - 22
20	$1\frac{3}{16}$ - 18	39.20	03 - 24
22	$1\frac{5}{16}$ - 18	42.20	03 - 24
24	$1\frac{7}{16}$ - 18	48.20	03 - 24

Entry Dimensions:

Entry Size	C	D Knurl	E max.
03	4.77	9.75	13.90
04	6.35	9.75	13.90
05	7.92	10.72	15.50
06	9.52	12.32	17.20
07	11.10	13.90	18.70
08	12.70	15.50	20.30
09	14.27	17.07	21.90
10	15.88	18.68	23.50
11	17.47	20.27	25.10
12	19.05	21.85	26.70
13	20.62	23.42	28.30

Entry Size	C	D Knurl	E max.
14	22.23	25.03	29.90
15	23.82	26.62	31.50
16	25.40	28.20	33.10
17	27.00	29.80	34.70
18	28.60	31.40	36.30
19	30.20	33.00	37.90
20	31.80	34.60	39.50
21	33.38	36.18	41.10
22	35.00	37.80	42.70
23	36.58	39.38	44.30
24	38.10	40.90	45.90

TT electronics
AB Connectors Limited



AB06

Backshell Part Number Explanations

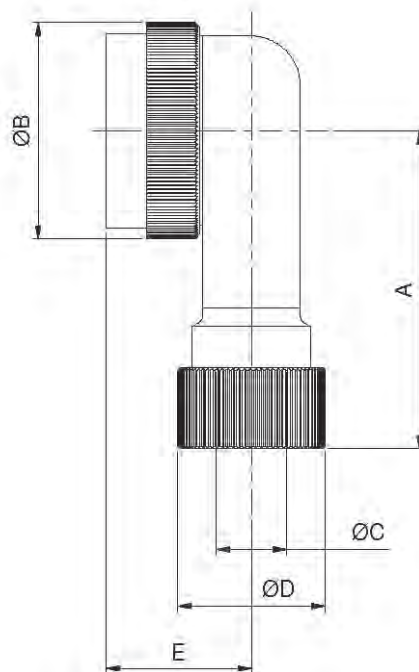
Product Range:		AB06	00	XX	XX	XX	00	XX
Shell Style:	00 : No Connector. Accessory Only							
	10: 90° Angled Outlet							
	11: 90° Angled Outlet (non-standard, #10 accepts #12 cable)							
Accessory Class:	20: Straight Outlet, Large Bore Short Boot							
	21: Straight Outlet, Small Bore Short Boot							
	22: Straight Outlet, Small Bore Long Boot							
Accessory Size:	08, 10, 12 (increases in sixteenths of an inch)							
Contact Layout:	Refers to Grommet where fitted.							
	00: No Grommet supplied							
Orientation:	00 : No orientation							
Modification:	Consult Factory							



AB06

90° Angled Outlet

Style: AB06-0010



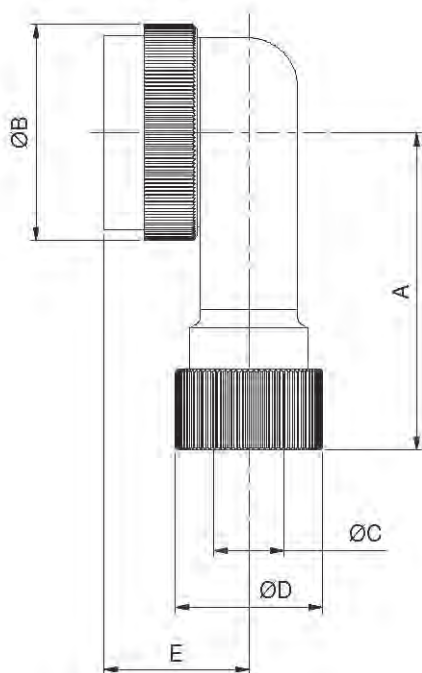
Shell Size	A	B Ø	C Ø	D Ø	E
10	25.25	20.32	7.74	13.72	13.56
12	26.51	21.23	8.03	16.64	15.08

AB06

90° Angled Outlet

(non-standard, #10 accepts #12 cable)

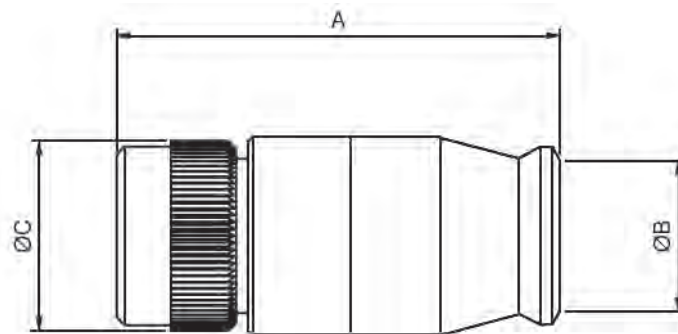
Style: AB06-0011



Shell Size	A	B Ø	C Ø	D Ø	E
10	25.25	20.32	8.03	16.64	13.56

AB06

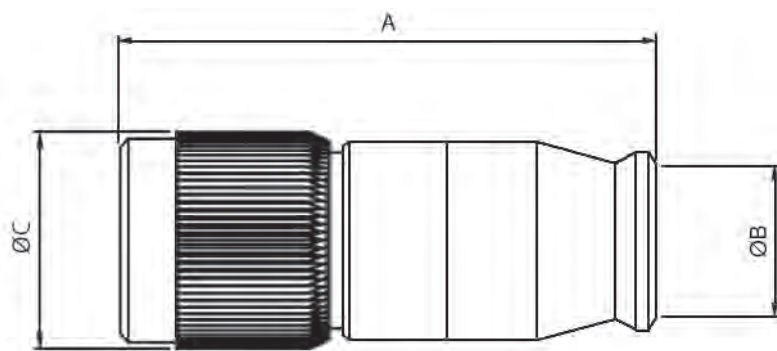
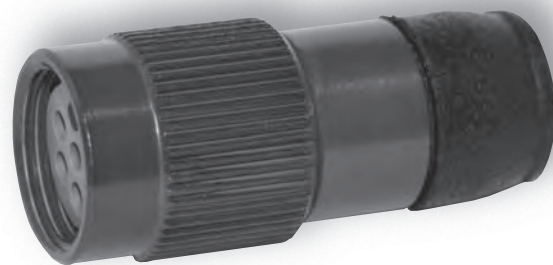
Straight Outlet, Large Bore Short Boot
Style: AB06-0020



Shell Size	A	B Ø	C Ø
8	34.13	7.26	15.88
10	42.25	7.26	17.70
12	42.44	7.26	21.46

AB06

Straight Outlet, Small Bore Short Boot
Style: AB06-0021

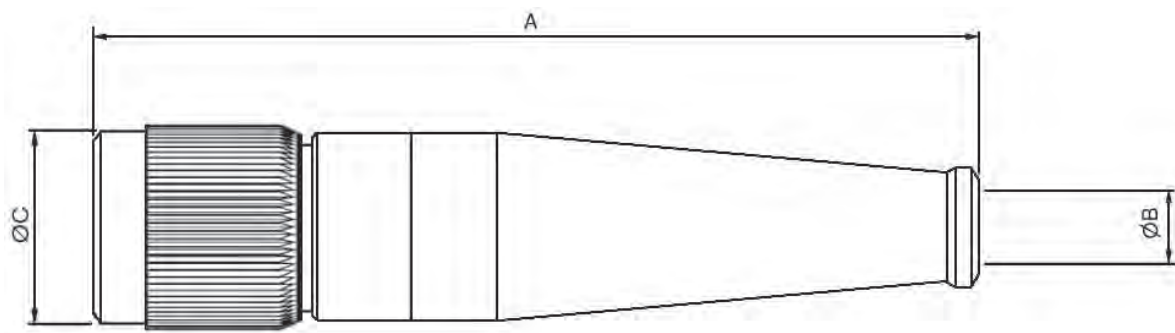
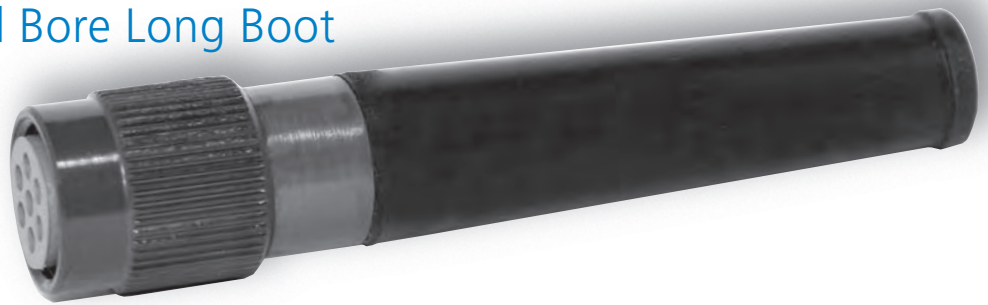


Shell Size	A	B Ø	C Ø
8	34.13	5.08	15.88
10	42.25	5.08	17.70
12	42.44	5.08	21.46

AB06

Straight Outlet, Small Bore Long Boot

Style: AB06-0022



Shell Size	A	B Ø	C Ø
10	78.35	5.08	16.74

Mk 18

Backshell Part Number Explanations

Note - Refer to individual tables for part numbers

Standard Front Assembly Outlets:

Straight Front Sub-Assembly Outlet

60° Front Sub-Assembly Outlet

90° Front Sub-Assembly Outlet

Reduced Front Sub-Assembly Outlets:

Straight Reduced Front Sub-Assembly Outlet

60° Reduced Front Sub-Assembly Outlet

90° Reduced Front Sub-Assembly Outlet

Rear Sub-Assembly Outlets Sealed

Sealed Rear Sub-Assembly Outlets

with, Sealed Cable Accessory Kits

Connector and Standard Assembly Outlets,

Straight Outlet Dimensions Sealed

Dimensions Sealed

60° Outlet Dimensions Sealed

90° Outlet Dimensions Sealed

Connector and Reduced Assembly Outlets,

Straight Reduced Outlet Dimensions Sealed

Dimensions Sealed

60° Outlet Reduced Dimensions Sealed

90° Outlet Reduced Dimensions Sealed

Nut and Ferrule Assembly

For use with Free Connectors & the Square Flange Connectors with Accessory Thread

For use with Single Hole Mounting Connectors with Accessory Thread

Strain Relief Clamp

For use with Free Connectors & the Square Flange Connectors with Accessory Thread

For use with Single Hole Mounting Connectors with Accessory Thread

Moisture Sealing Grommet

For use with Solder Type Connectors Only

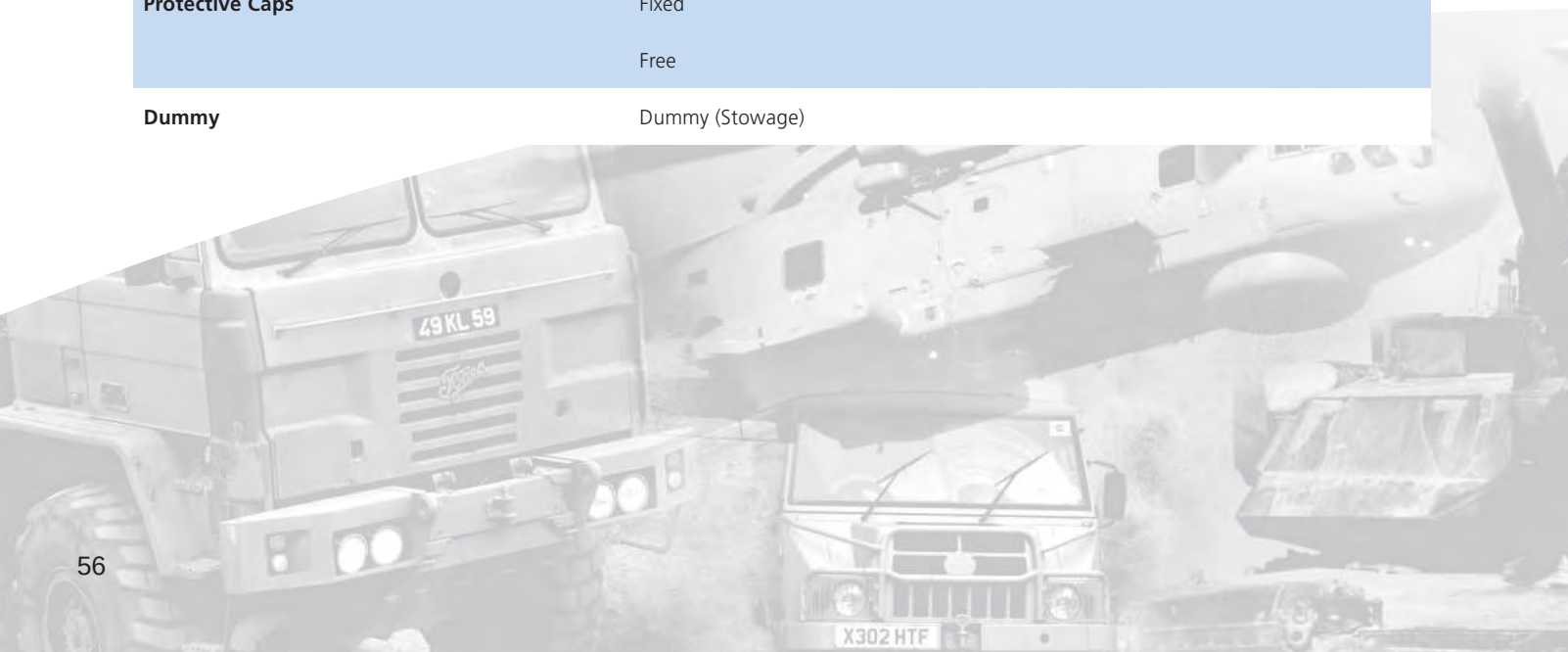
Protective Caps

Fixed

Free

Dummy

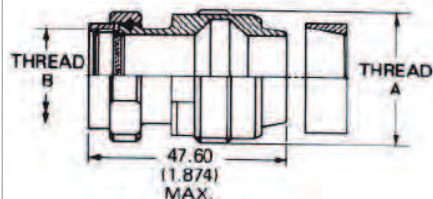
Dummy (Stowage)



Mk 18

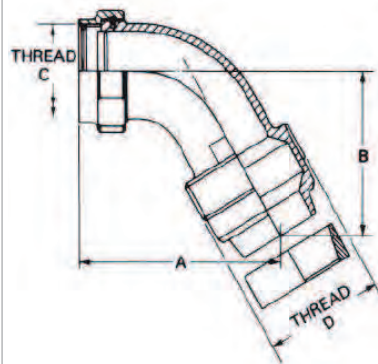
Standard Front Sub-Assembly Outlets

Straight Front Sub-Assembly Outlet



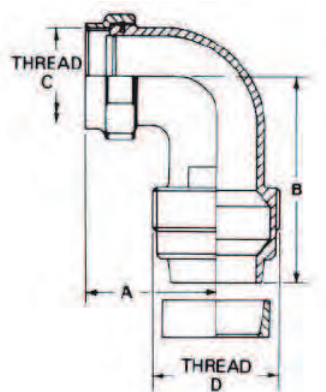
Shell Size	ØA Thread	ØB Thread	Nato NO. 5935-99-654	Part No.
8	11/16" x 20 UN-2A	7/16" x 28 UNEF-2B	6250	508/1/37208/000
10	13/16" x 20 UNEF-2A	9/16" x 24 UNEF-2B	6251	508/1/37209/000
12	15/16" x 20 UNEF-2A	11/16" x 24 UNEF-2B	6252	508/1/37210/000
14	1 1/16" x 20 UN-2A	13/16" x 20 UNEF-2B	6253	508/1/37211/000
16	1 1/4" x 20 UN-2A	15/16" x 20 UNEF-2B	6254	508/1/37212/000
18	1 3/8" x 20 UN-2A	1 1/16" x 18 UNEF-2B	6255	508/1/37213/000
20	1 1/2" x 20 UN-2A	1 3/16" x 18 UNEF-2B	6256	508/1/37214/000
22	1 9/16" x 20 UN-2A	1 5/16" x 18 UNEF-2B	6257	508/1/37215/000
24	1 11/16" x 20 UN-2A	1 7/16" x 18 UNEF-2B	6258	508/1/37216/000

60° Front Sub-Assembly Outlet



Shell Size	A max.	B max.	ØC Thread	ØD Thread	Nato No. 5935-99-654	Part No.
8	60.10	29.20	7/16" x 28 UNEF-2B	11/16" x 20 UN-2A	6259	508/1/37217/000
10	62.40	29.93	9/16" x 24 UNEF-2B	13/16" x 20 UNEF-2A	6260	508/1/37218/000
12	67.25	32.28	11/16" x 24 UNEF-2B	15/16" x 20 UNEF-2A	6261	508/1/37219/000
14	68.65	33.06	13/16" x 20 UNEF-2B	1 1/16" x 20 UN-2A	6262	508/1/37220/000
16	73.50	35.57	15/16" x 20 UNEF-2B	1 1/4" x 20 UN-2A	6263	508/1/37221/000
18	74.90	36.25	1 1/16" x 18 UNEF-2B	1 3/8" x 20 UN-2A	6264	508/1/37222/000
20	78.10	36.93	1 3/16" x 18 UNEF-2B	1 1/2" x 20 UN-2A	6265	508/1/37223/000
22	79.55	37.61	1 5/16" x 18 UNEF-2B	1 9/16" x 20 UN-2A	6266	508/1/37224/000
24	80.80	38.30	1 7/16" x 18 UNEF-2B	1 11/16" x 20 UN-2A	6267	508/1/37225/000

90° Front Sub-Assembly Outlet

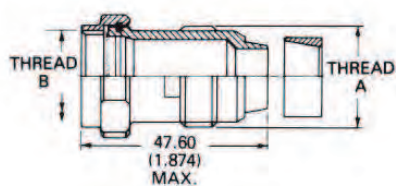


Shell Size	ØA Thread	ØB Thread	Nato NO. 5935-99-654	Part No.
INFORMATION AVAILABLE ON REQUEST				

Mk 18

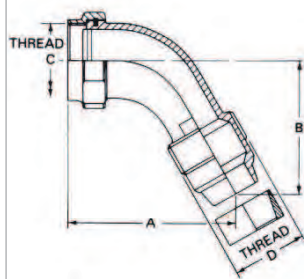
Reduced Front Sub-Assembly Outlets

Straight Reduced Front Sub-Assembly Outlets



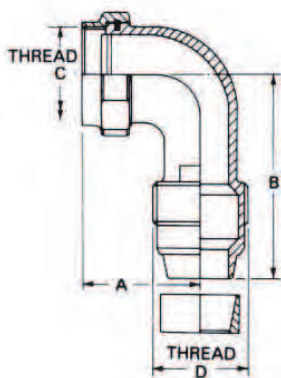
Shell Size Connector / Outlet		ØA Thread	ØB Thread	Nato No. 5935-99- 654	Part No.
10	8	11/16" x 20 UN-2A	9/16" x 24 UNEF-2B	6268	508/1/37245/000
12	10	13/16" x 20 UNEF-2A	11/16" x 24 UNEF-2B	6269	508/1/37246/000
14	10	13/16" x 20 UNEF-2A	13/16" x 20 UNEF-2B	6270	508/1/37247/000
16	12	15/16" x 20 UNEF-2A	15/16" x 20 UNEF-2B	6271	508/1/37248/000
18	14	11/16" x 20 UN-2A	11/16" x 18 UNEF-2B	6272	508/1/37249/000
20	16	11/4" x 20 UN-2A	13/16" x 18 UNEF-2B	6273	508/1/37250/000
22	16	11/4" x 20 UN-2A	15/16" x 18 UNEF-2B	6274	508/1/37251/000
24	18	13/8" x 20 UN-2A	17/16" x 18 UNEF-2B	6275	508/1/37252/000

60° Reduced Front Sub-Assembly Outlets



Shell Size Connector/Outlet		A max.	B max.	ØC Thread	ØD Thread	Nato No. 5935-99- 654	Part No.
10	8	61.10	35.10	9/16" x 24 UNEF-2B	11/16" x 20 UN-2A	6276	508/1/37254/000
12	10	62.80	35.15	11/16" x 24 UNEF-2B	13/16" x 20 UNEF-2A	6277	508/1/37255/000
14	10	63.40	35.26	13/16" x 20 UNEF-2B	13/16" x 20 UNEF-2A	6278	508/1/37256/000
16	12	67.25	36.21	15/16" x 20 UNEF-2B	15/16" x 20 UNEF-2A	6279	508/1/37257/000
18	14	69.20	39.01	11/16" x 18 UNEF-2B	11/16" x 18 UN-2A	6280	508/1/37258/000
20	16	70.80	40.91	13/16" x 18 UNEF-2B	13/16" x 18 UNEF-2A	6281	508/1/37259/000
22	16	75.50	43.06	13/16" x 18 UNEF-2B	11/4" x 20 UN-2A	6282	508/1/37260/000
24	18	77.00	44.41	17/16" x 18 UNEF-2B	13/4" x 20 UNEF-2A	6283	508/1/37261/000

90° Reduced Front Sub-Assembly Outlets



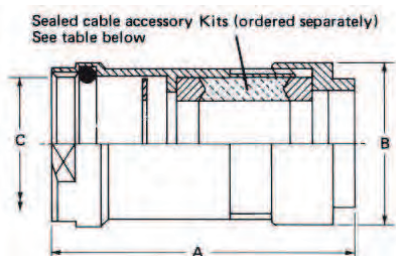
Shell Size Connector / Outlet		ØA Thread	ØB Thread	Nato No. 5935-99- 654	Part No.
INFORMATION AVAILABLE ON REQUEST					

Mk 18

Rear Sub-Assembly Outlets Sealed

Sealed Rear Sub-Assembly Outlets

Shell Size	A max.	ØB max.	ØC Thread	Nato No. 5935-99-654	Part No.
8	65.55	21.00	11/16" x 20 UN-2B	6284	508/1/37444/000
10	65.55	23.80	13/16" x 20 UNEF-2B	6285	508/1/37445/000
12	65.55	28.15	15/16" x 20 UNEF-2B	6286	508/1/37446/000
14	65.55	31.30	11/16" x 20 UN-2B	6287	508/1/37447/000
16	70.55	36.45	11/4" x 20 UN-2B	6288	508/1/37448/000
18	70.55	39.25	13/8" x 20 UN-2B	6289	508/1/37449/000
20	70.55	42.40	11/2" x 20 UN-2B	6290	508/1/37450/000
22	70.55	45.34	19/16" x 20 UN-2B	6291	508/1/37451/000
24	70.55	48.00	111/16" x 20 UN-2B	6292	508/1/37452/000



Sealed Cable Accessory Kits

Rear Section Shell Size	Cable Ø (mm) Accommodated (in descending order)	Nato No. 5935-99-654	Part No.
8	8mm > 4mm	6302	508/1/37453/010
10	11mm > 7mm 8mm > 4mm	6303 6305	508/1/37454/010 508/1/37454/030
12	14mm > 10mm 11mm > 7mm	6310 6311	508/1/37455/010 508/1/37455/030
14	17mm > 13mm 14mm > 10mm 11mm > 7mm	6537 6314 6316	508/1/37456/010 508/1/37456/030 508/1/37456/050
16	20mm > 16mm 17mm > 13mm 14mm > 10mm 11mm > 7mm	6320 6322 6325 6538	508/1/37457/010 508/1/37457/040 508/1/37457/070 508/1/37457/100
18	23mm > 19mm 20mm > 16mm 17mm > 13mm 14mm > 10mm	6360 6361 6539 6541	508/1/37458/010 508/1/37458/030 508/1/37458/050 508/1/37458/070
20	26mm > 22mm 23mm > 19mm 20mm > 16mm 17mm > 13mm 14mm > 10mm	6542 6543 6335 6337 6544	508/1/37459/010 508/1/37459/030 508/1/37459/050 508/1/37459/070 508/1/37459/090
22	29mm > 25mm 26mm > 22mm 23mm > 19mm 20mm > 16mm 17mm > 13mm	6545 6343 6546 6344 6547	508/1/37460/010 508/1/37460/030 508/1/37460/050 508/1/37460/070 508/1/37460/090
24	32mm > 28mm 29mm > 25mm 26mm > 22mm 23mm > 19mm 20mm > 16mm 17mm > 13mm	6548 6549 6550 6348 6349 6551	508/1/37461/010 508/1/37461/020 508/1/37461/030 508/1/37461/040 508/1/37461/050 508/1/37461/060

Mk 18

Connector and Standard Assembly Outlets Dimensions Sealed

Straight Outlet Dimensions Sealed

Shell Size	A max.	ØB max.	ØC max.	max mass (g)
8	106.70	21.00	21.03	
10	106.70	23.80	23.80	
12	106.70	28.15	28.17	
14	106.70	31.30	31.34	
16	111.70	36.45	36.50	
18	111.70	39.25	39.27	
20	113.40	42.40	42.42	
22	113.40	45.34	45.21	
24	113.40	48.00	48.39	

60° Outlet Dimensions Sealed

Shell Size	A max.	ØB max.	ØC max.	max mass (g)
8	80.10	69.60	21.03	
10	81.20	70.00	23.80	
12	86.10	72.80	28.17	
14	87.30	73.50	31.34	
16	94.60	80.70	36.50	
18	95.80	81.40	39.27	
20	98.90	82.20	42.42	
22	100.10	82.90	45.21	
24	101.50	83.70	48.39	

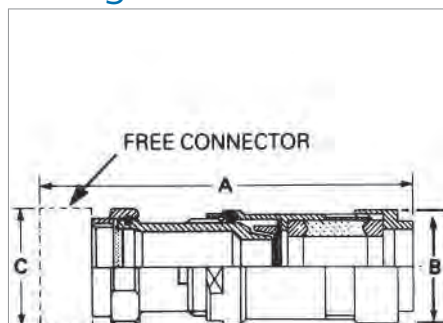
90° Outlet Dimensions Sealed

Shell Size	A max.	ØB max.	ØC max.	max mass (g)
10	42.50	81.10	23.80	

Mk 18

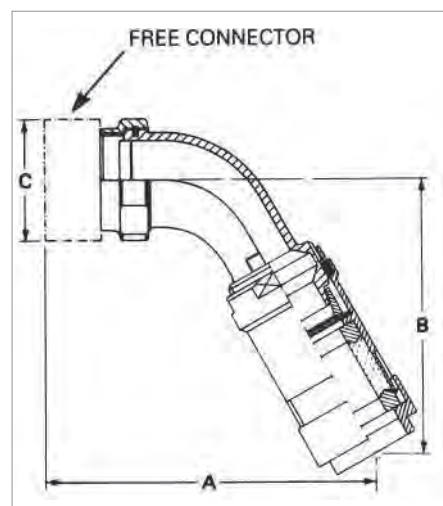
Connector and Reduced Outlet Assembly Dimensions Sealed

Straight Reduced Outlet



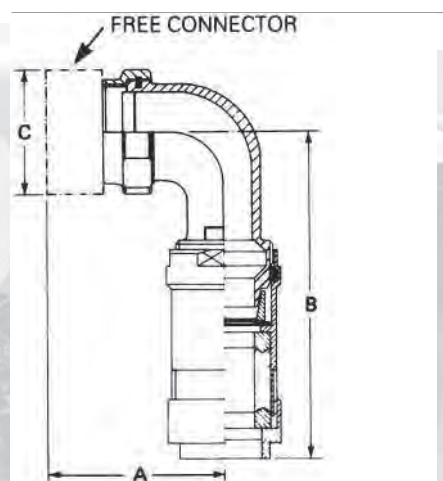
Shell Size	Outlet	A max.	ØB max.	ØC max.	Mass (g) max.
10	8	106.70	21.0	23.80	
12	10	106.70	23.80	28.17	
14	10	106.70	23.80	31.34	
16	12	106.70	28.15	36.50	
18	14	106.70	31.30	39.27	
20	16	113.40	36.45	42.42	
22	16	113.40	36.45	45.21	
24	18	113.40	39.25	48.39	

60° Reduced Outlet



Shell Size	Outlet	A max.	ØB max.	ØC max.	Mass (g) max.
10	8	81.10	69.80	23.80	
12	10	86.00	72.60	28.17	
14	10	87.20	73.30	31.34	
16	12	94.50	80.50	36.50	
18	14	95.70	81.20	39.27	
20	16	98.80	82.00	42.42	
22	16	100.00	82.70	45.21	
24	18	101.40	83.50	48.39	

90° Reduced Outlet

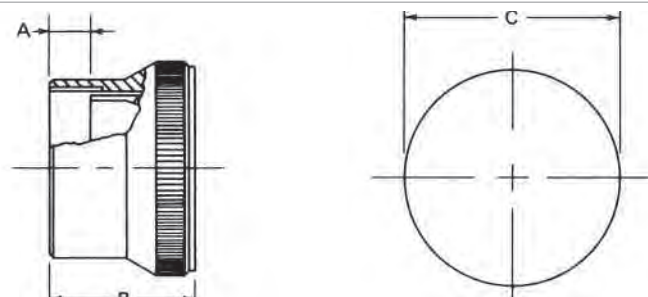


Shell Size	Outlet	A max.	ØB max.	ØC max.	Mass (g) max.
14	10	106.70	23.80	31.34	
20	16	113.40	36.45	42.42	

Mk18

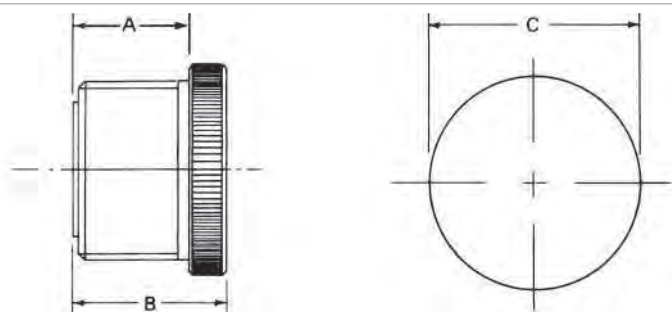
Nut and Ferrule Assembly

For use with Free Connectors and the Square Flange Connectors with Accessory Thread



Shell Size	A max.	ØB max.	ØC max.	max. mass (g)	Nato No. 5935-99-015	Part No.
8	7.24	18.54	17.53	11	1276	508/1/31889/010
10	7.24	18.54	20.83	17	1277	508/1/31889/020
12	7.24	18.54	23.88	21	1278	508/1/31889/030
14	7.24	18.54	27.18	26	1279	508/1/31889/040
16	7.24	18.54	30.23	30	1280	508/1/31889/050
18	7.24	18.54	33.53	35	1281	508/1/31889/060
20	7.24	18.54	36.58	40	1282	508/1/31889/070
22	7.24	18.54	39.88	45	1283	508/1/31889/080
24	7.24	18.54	42.93	50	1284	508/1/31889/090

For use with Single Hole Mounting Connectors with Accessory Thread



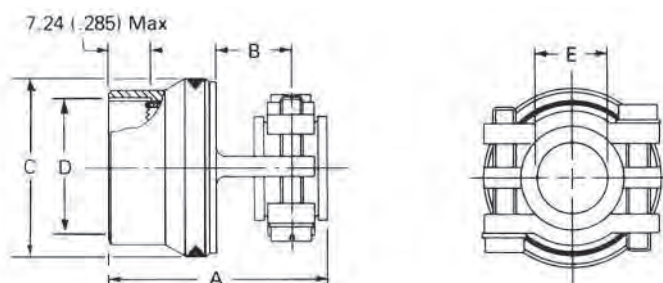
Shell Size	A max.	ØB max.	ØC max.	max. mass (g)	Nato No. 5935-99-015	Part No.
8	7.87	11.94	18.80	11	1267	508/1/3188/010
10	7.87	11.94	22.10	14	1268	508/1/3188/020
12	7.87	11.94	25.15	17	1269	508/1/3188/030
14	7.87	11.94	28.45	19	1270	508/1/3188/040
16	7.87	11.94	31.50	22	1271	508/1/3188/050
18	7.87	11.94	34.80	24	1272	508/1/3188/060
20	7.87	11.94	37.85	28	1273	508/1/3188/070
22	7.87	11.94	41.15	30	1274	508/1/3188/080
24	7.87	11.94	44.20	33	1275	508/1/3188/090

Note: Solder type Connectors fitted with a Nut and Ferrule Assembly must use a Moisture Sealing Grommet.

Mk 18

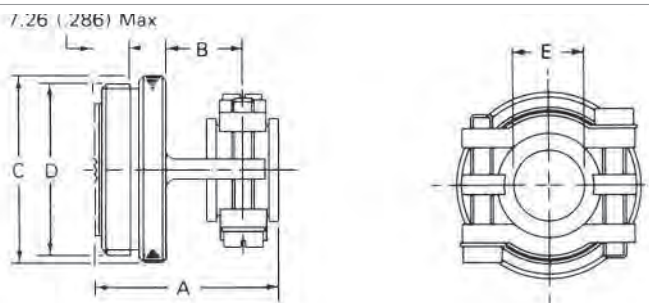
Straight Strain Relief Clamp

For use with Free Connectors and the Square Flange Connectors with Accessory Thread



Shell Size	A max.	ØB max.	ØC max.	D. UNEF Class 2B Thread	ØE nom.	max. mass (g)	Nato No. 5935-99-015	Part No.
8	7.24	18.54	17.53	7/16" x 28	3.18		1629	508/1/31933/000
10	7.24	18.54	20.83	9/16" x 24	4.78		1630	508/1/31934/000
12	7.24	18.54	23.88	11/16" x 24	7.92		1631	508/1/31935/000
14	7.24	18.54	27.18	13/16" x 20	9.53		1632	508/1/31936/000
16	7.24	18.54	30.23	15/16" x 20	12.19		1633	508/1/31937/000
18	7.24	18.54	33.53	11/16" x 18	15.88		1634	508/1/31938/000
20	7.24	18.54	36.58	13/16" x 18	15.88		1635	508/1/31939/000
22	7.24	18.54	39.88	15/16" x 18	19.05		1636	508/1/31940/000
24	7.24	18.54	42.93	17/16" x 18	20.32		1637	508/1/31941/000

For use with Single Hole Mounting Connectors with Accessory Thread



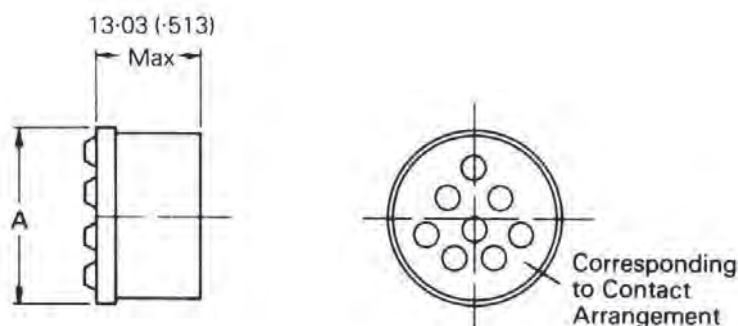
Shell Size	A max.	ØB max.	ØC max.	D. UNEF Class 2B Thread	ØE nom.	max. mass (g)	Part No.
8	27.61	10.13	18.80	5/8" x 24	3.18		508/1/31924/000
10	27.61	10.13	22.10	3/4" x 20	4.78		508/1/31925/000
12	27.61	10.13	25.15	7/8" x 20	7.92		508/1/31926/000
14	30.78	13.31	28.45	1 x 20	9.53		508/1/31927/000
16	30.78	13.31	31.50	11/8" x 18	12.19		508/1/31928/000
18	31.55	13.31	34.80	11/4" x 18	15.88		508/1/31929/000
20	34.72	16.48	37.85	13/8" x 18	15.88		508/1/31930/000
22	34.72	16.48	41.15	11/2" x 18	19.05		508/1/31931/000
24	34.72	16.48	44.20	15/8" x 24	20.32		508/1/31932/000

Note: Solder type Connectors fitted with a Strain Relief Clamp must use a Moisture Sealing Grommet.

Mk18

Moisture Sealing Grommet

For use with Solder Type Connectors Only



Contact Arrangement	ØA max.	max. mass (g)	Nato No. 5365-99-015	Part No.
8-33	8.84	0.384	1238	508/2/08814/200
10-2	11.84	0.466	1239	508/2/10778/200
10-6	11.84	0.466	1240	508/2/10646/200
12-3	15.04	0.592	1241	508/2/10647/203
12-10	15.04	0.592	1242	508/2/10647/200
14-5	18.03	0.710	1243	508/2/12509/200
14-15	18.03	0.710	-	508/2/12507/200
14-19	18.03	0.710	1244	508/2/10648/200
16-4	21.13	0.832	1360	508/2/10779/200
16-8	21.23	0.836	1245	508/2/13894/200
16-26	21.23	0.836	1246	508/2/10649/200
18-11	23.72	0.934	1247	508/2/10650/211
18-32	23.72	0.934	1248	508/2/10650/200
20-16	26.90	1.059	1249	508/2/10651/216
20-39	26.90	1.059	-	508/2/10651/239
20-41	26.90	1.059	1250	508/2/10651/200
22-21	30.18	1.188	1251	508/2/10652/211
22-55	30.18	1.188	1252	508/2/10652/200
24-61	33.43	1.316	1253	508/2/11015/200-

Mk 18

Protective Caps

Fixed



Shell Size	A max.	ØB max.	max. mass (g)	Nato No. 5365-99-015	Part No.
8	18.35	21.03	19	1214	508/1/31933/000
10	18.35	23.80	25	1215	508/1/31934/000
12	18.35	28.17	30	1216	508/1/31935/000
14	18.35	31.34	34	1217	508/1/31936/000
16	18.35	36.50	39	1218	508/1/31937/000
18	18.35	39.27	44	1219	508/1/31938/000
20	18.35	42.42	49	1220	508/1/31939/000
22	18.35	45.21	54	1221	508/1/31940/000
24	18.35	48.39	59	1222	508/1/31941/000

Free



Shell Size	C max.	ØD max.	max. mass (g)	Nato No. 5365-99-015	Part No.
8	20.60	21.03	12	1223	508/1/31738/010
10	20.60	23.80	17	1224	508/1/31738/020
12	20.60	28.17	22	1225	508/1/31738/030
14	20.60	31.34	28	1226	508/1/31738/040
16	20.60	36.50	34	1227	508/1/31738/050
18	20.60	39.27	40	1228	508/1/31738/060
20	22.10	42.42	46	1229	508/1/31738/070
22	22.10	45.21	52	1230	508/1/31738/080
24	22.10	48.39	57	1231	508/1/31738/090

Note: Approximately 452.2mm of flexible nylon cord, plus Crimp Ferrule are supplied with each protective cap

MIL-DTL-38999 Series III

Backshell Part Number Explanations

Note - Refer to individual tables for part numbers

Screen and HSA Assembly

Straight Assembly

90° Assembly

Protective Caps:

Fixed Protective Caps

Free Protective Caps

Stowage Receptacle:

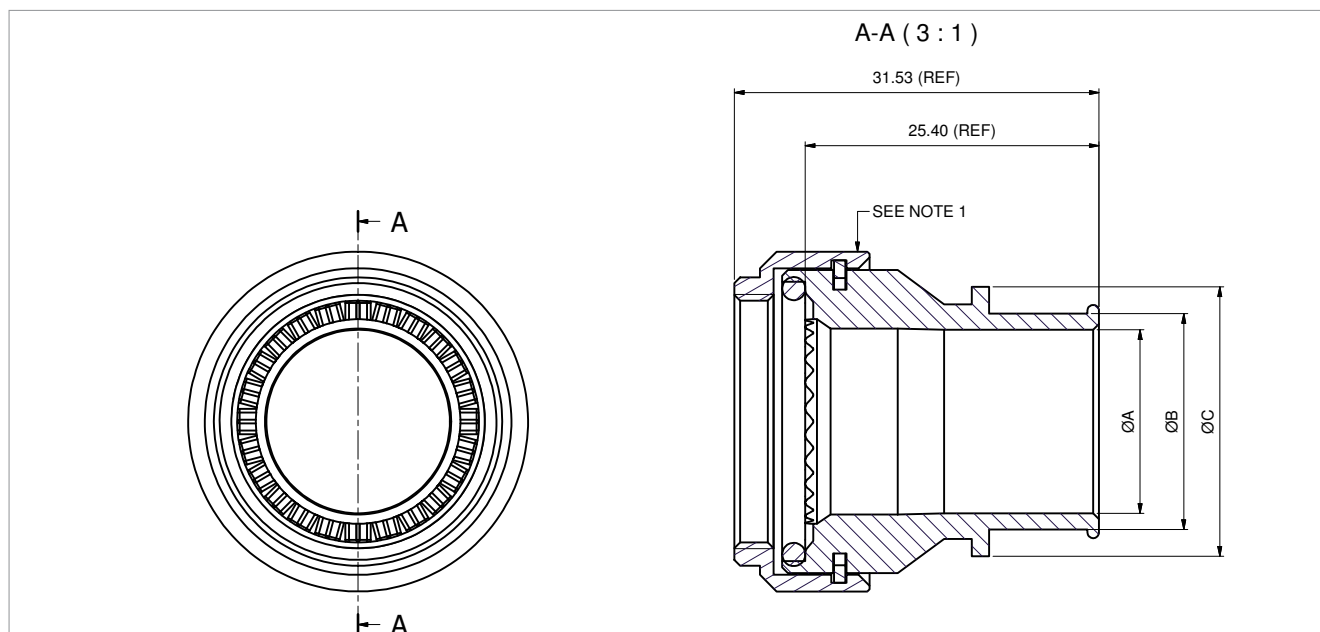
Stowage Receptacle



MIL-DTL-38999 Series III

Screen and HSA Straight Assembly

Style: ABAC 01-**-**-**



Cable Entry Size	A Ø min.	B Ø max.	C Ø max.
03	4.77	9.75	13.70
04	6.35	9.75	13.70
05	7.92	10.72	15.30
06	9.52	12.32	17.00
07	11.10	13.90	18.50
08	12.70	15.50	20.10
09	14.27	17.07	21.70
10	15.88	18.68	23.30
11	17.47	20.27	24.90
12	19.05	21.85	26.50
13	20.62	23.42	28.10
14	22.23	25.03	29.70
15	23.82	26.62	31.30
16	25.40	28.20	32.90
17	27.00	29.80	34.50
18	28.60	31.40	36.10
19	30.20	33.00	37.70
20	31.80	34.60	39.30
21	33.38	36.18	40.90
22	35.00	37.80	42.50
23	36.58	39.38	44.10

Parts List				
Assembly No' ABAC 01-**-**-**	Item 1 (Accessory Nut) 514-2-	Item 2 (O Ring) M0400	Item 3 (Circlip)	Item 4 (Straight Adaptor) 514-2-
09	18740-*-00	093	05-08-272-00-CH	18731-*-**
11	18741-*-00	094	05-10-272-000-CH	18731-*-**
13	18742-*-00	095	SB-MSE-92-0-CH	18731-*-**
15	18743-*-00	121B.18.CRASR.AC	05-14-272-000-CH	18731-*-**
17	18744-*-00	096	SB-MSE-92-2-CH	18731-*-**
19	18745-*-00	097	SB-MSE-92-3-CH	18731-*-**
21	18746-*-00	098	121B-18-IC-CH	18731-*-**
23	18747-*-01	099	121B-20-IC-CH	18731-*-**
25	18748-*-00	100	SB-MSE-92-6-CH	18731-*-**

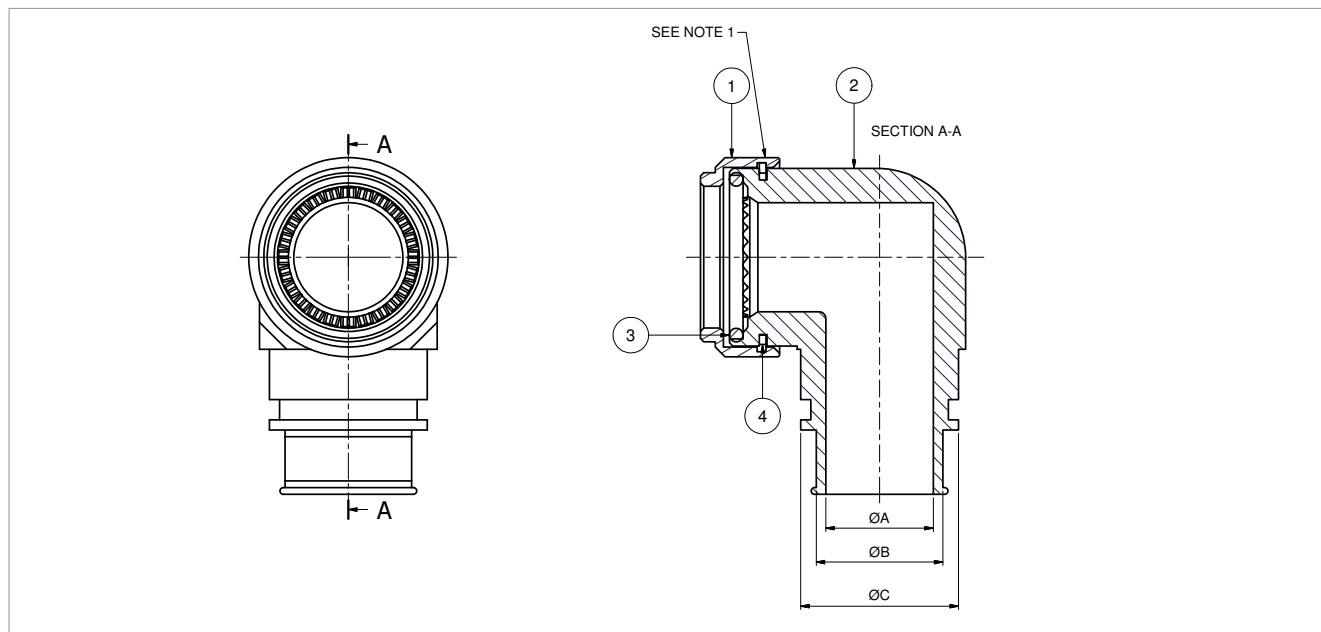
Assembly: ABAC.01. ## . # . 15

Cable entry size ↑ Plating code ↑

MIL-DTL-38999 Series III

Screen and HSA 90° Assembly

Style: ABAC 03-**-**-**



Cable Entry Size	A Ø min.	B Ø max.	C Ø max.
03	4.77	9.75	13.70
04	6.35	9.75	13.70
05	7.92	10.72	15.30
06	9.52	12.32	17.00
07	11.10	13.90	18.50
08	12.70	15.50	20.10
09	14.27	17.07	21.70
10	15.88	18.68	23.30
11	17.47	20.27	24.90
12	19.05	21.85	26.50
13	20.62	23.42	28.10
14	22.23	25.03	29.70
15	23.82	26.62	31.30
16	25.40	28.20	32.90
17	27.00	29.80	34.50
18	28.60	31.40	36.10
19	30.20	33.00	37.70
20	31.80	34.60	39.30
21	33.38	36.18	40.90
22	35.00	37.80	42.50
23	36.58	39.38	44.10
24	38.10	40.90	45.70

Parts List				
Assembly No' ABAC 03-**-**-**	Item 1 (Accessory Nut) 514-2-	Item 2 (90° Adaptor) 514-2-	Item 3 (O Ring)	Item 4 (Circlip)
09	18740-*-00	18750-*-**	M0400093	05-08-272-00-CH
11	18741-*-00	18751-*-**	M0400094	05-10-272-000-CH
13	18742-*-00	18752-*-**	M0400095	SB-MSE-92-0-CH
15	18743-*-00	18753-*-**	121B-18-CRASR-AC	05-14-272-000-CH
17	18744-*-00	18754-*-**	M0400096	SB-MSE-92-2-CH
19	18745-*-00	18755-*-**	M0400097	SB-MSE-92-3-CH
21	18746-*-00	18756-*-**	M0400098	121B-18-IC-CH
23	18747-*-01	18757-*-**	M0400099	121B-20-IC-CH
25	18748-*-00	18758-*-**	M0400100	SB-MSE-92-6-CH

Assembly: ABAC.03. ## . # . ##

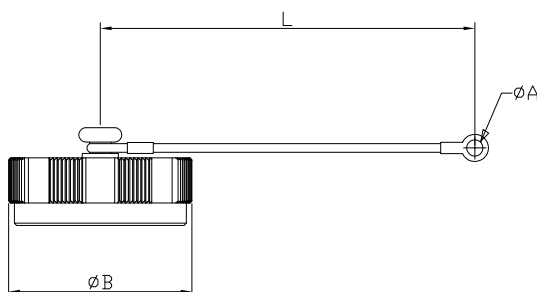
Cable entry size → Accessory size → Plating code

MIL-DTL-38999 Series III

Fixed Protective Caps

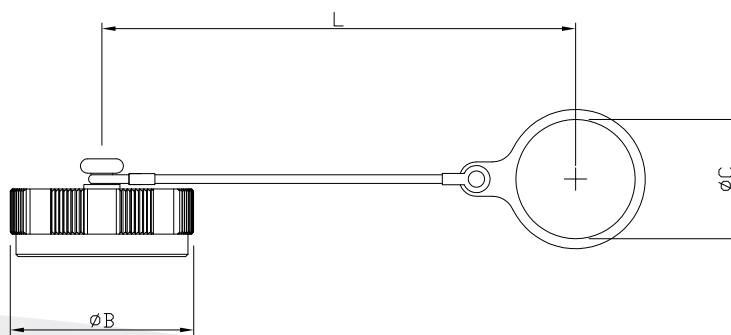
Style: ABAC 33-*-*R/N

Part Number: D38999 33-*-*R/N



Shell Size	AB Part No.	A Ø min.	B Ø max.	L + 12.7 - 6.35	38999 Part No.
09	ABAC / 33 # 09 R	3.90	22.86	127	D38999 / 33 # 09 R
11	ABAC / 33 # 11 R	3.90	27.96	127	D38999 / 33 # 11 R
13	ABAC / 33 # 13 R	3.90	30.48	127	D38999 / 33 # 13 R
15	ABAC / 33 # 15 R	3.90	31.75	127	D38999 / 33 # 15 R
17	ABAC / 33 # 17 R	3.90	36.83	127	D38999 / 33 # 17 R
19	ABAC / 33 # 19 R	3.90	38.10	127	D38999 / 33 # 19 R
21	ABAC / 33 # 21 R	3.90	41.91	127	D38999 / 33 # 21 R
23	ABAC / 33 # 23 R	3.90	44.45	127	D38999 / 33 # 23 R
25	ABAC / 33 # 25 R	3.90	48.26	127	D38999 / 33 # 25 R

Note: replace # with desired plating finish.



Shell Size	AB Part No.	C Ø min.	B Ø max.	L + 12.7 - 6.35	38999 Part No.
09	ABAC / 33 # 09 N	17.64	22.86	127	D38999 / 33 # 09 N
11	ABAC / 33 # 11 N	21.97	27.96	127	D38999 / 33 # 11 N
13	ABAC / 33 # 13 N	25.12	30.48	127	D38999 / 33 # 13 N
15	ABAC / 33 # 15 N	29.92	31.75	127	D38999 / 33 # 15 N
17	ABAC / 33 # 17 N	32.00	36.83	127	D38999 / 33 # 17 N
19	ABAC / 33 # 19 N	36.27	38.10	127	D38999 / 33 # 19 N
21	ABAC / 33 # 21 N	38.25	41.91	127	D38999 / 33 # 21 N
23	ABAC / 33 # 23 N	42.62	44.45	127	D38999 / 33 # 23 N
25	ABAC / 33 # 25 N	44.45	48.26	127	D38999 / 33 # 25 N

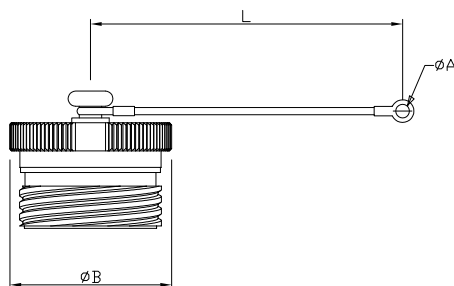
Note: replace # with desired plating finish.

MIL-DTL-38999 Series III

Free Protective Caps

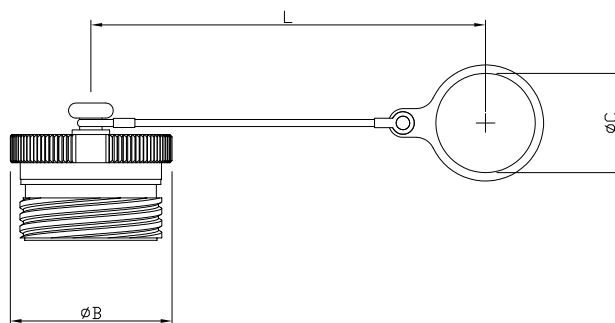
Style: ABAC 32-**-**-R/N

Part Number: D38999 32-**-**-R/N



Shell Size	AB Part No.	A Ø min.	B Ø max.	L + 12.7 - 6.35	38999 Part No.
09	ABAC / 32 # 09 R	3.90	22.86	127	D38999 / 32 # 09 R
11	ABAC / 32 # 11 R	3.90	27.96	127	D38999 / 32 # 11 R
13	ABAC / 32 # 13 R	3.90	30.48	127	D38999 / 32 # 13 R
15	ABAC / 32 # 15 R	3.90	31.75	127	D38999 / 32 # 15 R
17	ABAC / 32 # 17 R	3.90	36.83	127	D38999 / 32 # 17 R
19	ABAC / 32 # 19 R	3.90	38.10	127	D38999 / 32 # 19 R
21	ABAC / 32 # 21 R	3.90	41.91	127	D38999 / 32 # 21 R
23	ABAC / 32 # 23 R	3.90	44.45	127	D38999 / 32 # 23 R
25	ABAC / 32 # 25 R	3.90	48.26	127	D38999 / 32 # 25 R

Note: replace # with desired plating finish.



Shell Size	AB Part No.	C Ø min.	B Ø max.	L + 12.7 - 6.35	38999 Part No.
09	ABAC / 32 # 09 N	17,64	22,86	127	D38999 / 32 # 09 N
11	ABAC / 32 # 11 N	21,97	27,96	127	D38999 / 32 # 11 N
13	ABAC / 32 # 13 N	25,12	30,48	127	D38999 / 32 # 13 N
15	ABAC / 32 # 15 N	29,92	31,75	127	D38999 / 32 # 15 N
17	ABAC / 32 # 17 N	32,00	36,83	127	D38999 / 32 # 17 N
19	ABAC / 32 # 19 N	36,27	38,10	127	D38999 / 32 # 19 N
21	ABAC / 32 # 21 N	38,25	41,91	127	D38999 / 32 # 21 N
23	ABAC / 32 # 23 N	42,62	44,45	127	D38999 / 32 # 23 N
25	ABAC / 32 # 25 N	44,45	48,26	127	D38999 / 32 # 25 N

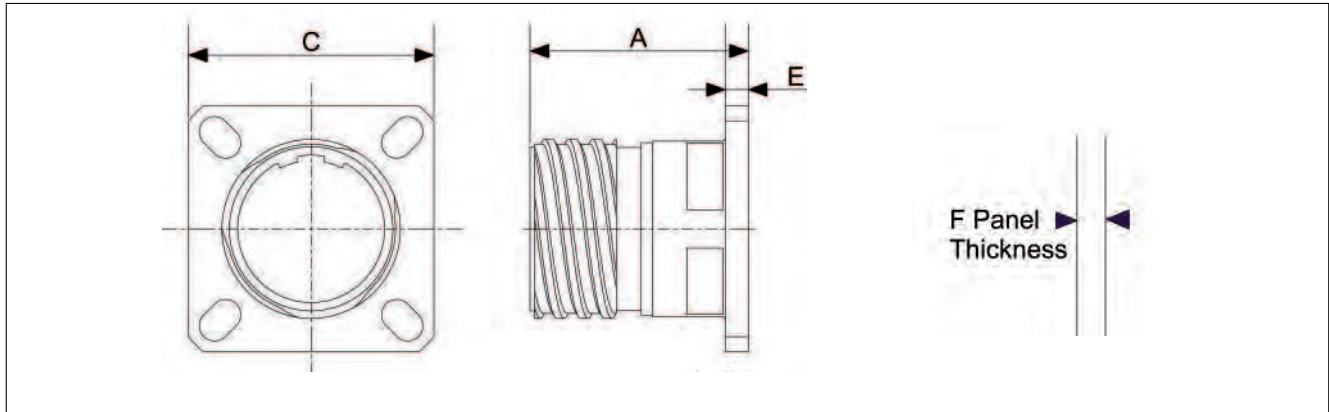
Note: replace # with desired plating finish.

MIL-DTL-38999 Series III

Stowage Receptacle

Style: ABAC 22-**-*

Part Number: D38999 22-**-*



Shell Size	A max.	C +/- 0.3	E +/- max. 0.3	F	AB Part No.	38999 Part No.
09	24.2	23.8	2.5	5.94	ABAC 22 09 #	D38999 22 A #
11	24.2	26.2	2.5	5.94	ABAC 22 11 #	D38999 22 B #
13	24.2	28.6	2.5	5.94	ABAC 22 13 #	D38999 22 C #
15	24.2	31.0	2.5	5.94	ABAC 22 15 #	D38999 22 D #
17	24.2	33.3	2.5	5.94	ABAC 22 17 #	D38999 22 E #
19	24.2	36.5	2.5	5.94	ABAC 22 19 #	D38999 22 F #
21	24.1	39.7	3.2	5.18	ABAC 22 21 #	D38999 22 G #
23	24.1	42.90	3.2	5.18	ABAC 22 23 #	D38999 22 H #
25	24.1	46.0	3.2	5.18	ABAC 22 25 #	D38999 22 J #

Note: replace # with desired plating finish.

NCE SCREEN WRAP ADAPTORS

Backshell Part Number Explanations

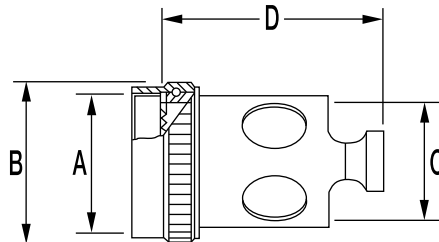
	SW X	XX	X	XX	XX	XX	XX
Adaptor Series:	SW1: Mil-DTL-38999 I & II SW3: Mil-C-26482 II SW4: Mil-DTL-38999 III SW8: Mil-C-26482 I						
Shell Size:	Refer to Dimensions						
Adaptor Style:	T: Cable Tie C: Cable Clamp B: Lipped Boot S: Screen Trap						
Plating:	02: Cadmium Olive Drab 03: Electroless Nickel 00: Unplated 04: Black Anodised						
Braid Type:	TC: Tinned Copper NC: Nickel Plated Copper						
Step Down:	Shell size of reduced cable entry required. (Refer to table). Omit if not required						
Heatshrink Boot:	SB: Straight RB: 90°						



SCREEN WRAP ADAPTORS

Cable Tie (to include Spin Coupling Nut)

Style: T



Fits Shell Size		ØB max.	ØC max.	ØE max.	ØF max.	ØG max.	D	H	L max.	J	K
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & II	Spin Coupling Nut	Cable Entry	Length	Cable Entry	Length	Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	8.53	33.02	5.00	41.40	44.45	23.16	19.69	25.20	23.37
10	11	21.59	11.76	33.02	7.92	41.40	44.45	25.53	22.28	26.29	25.63
12	13	24.13	14.68	33.02	11.00	41.40	44.45	28.91	25.86	29.54	31.12
14	15	28.58	17.86	33.02	12.70	46.86	44.45	33.43	28.24	32.54	35.88
16	17	31.75	21.03	33.02	13.97	49.40	44.45	37.72	31.12	35.18	38.74
18	19	32.26	23.72	33.02	17.91	50.67	44.45	39.24	35.61	37.24	41.53
20	21	38.10	26.90	33.02	20.57	46.86	44.45	45.36	38.48	44.17	44.45
22	23	40.64	30.07	33.02	23.75	46.86	44.45	48.77	41.33	48.82	48.26
24	25	41.91	33.25	33.02	26.42	46.86	44.45	48.82	46.74	49.17	50.17

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

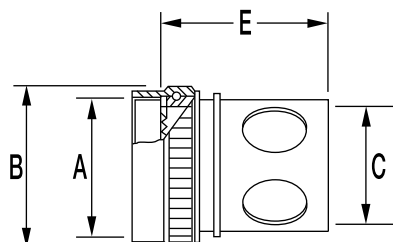
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	1 5/16" x 18 UNEF	1 7/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

SCREEN WRAP ADAPTORS

Lip Boot (to include Spin Coupling Nut)

Style: B



Fits Shell Size		ØB max.	ØC max.	ØE max.	ØF max.	ØG max.	D	H	L max.	J	K
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & II	Spin Coupling Nut	Cable Entry	Length	Cable Entry	Length	Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	8.53	33.02	5.00	41.40	44.45	23.16	19.69	25.20	23.37
10	11	21.59	11.76	33.02	7.92	41.40	44.45	25.53	22.28	26.29	25.63
12	13	24.13	14.68	33.02	11.00	41.40	44.45	28.91	25.86	29.54	31.12
14	15	28.58	17.86	33.02	12.70	46.86	44.45	33.43	28.24	32.54	35.88
16	17	31.75	21.03	33.02	13.97	49.40	44.45	37.72	31.12	35.18	38.74
18	19	32.26	23.72	33.02	17.91	50.67	44.45	39.24	35.61	37.24	41.53
20	21	38.10	26.90	33.02	20.57	46.86	44.45	45.36	38.48	44.17	44.45
22	23	40.64	30.07	33.02	23.75	46.86	44.45	48.77	41.33	48.82	48.26
24	25	41.91	33.25	33.02	26.42	46.86	44.45	48.82	46.74	49.17	50.17

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

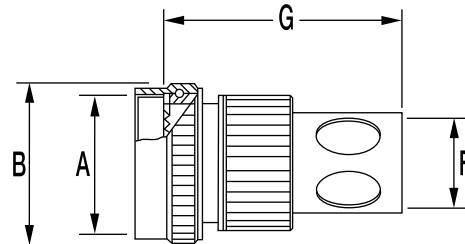
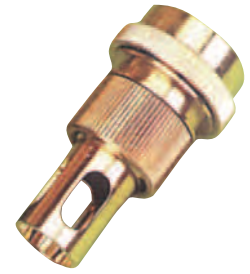
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

SCREEN WRAP ADAPTORS

Screen Trap (to include Spin Coupling Nut)

Style: S



Fits Shell Size		ØB max.	ØC max.	ØE max.	ØF max.	ØG max.	D	H	L max.	J	K
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & II	Spin Coupling Nut	Cable Entry	Length	Cable Entry	Length	Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	8.53	33.02	5.00	41.40	44.45	23.16	19.69	25.20	23.37
10	11	21.59	11.76	33.02	7.92	41.40	44.45	25.53	22.28	26.29	25.63
12	13	24.13	14.68	33.02	11.00	41.40	44.45	28.91	25.86	29.54	31.12
14	15	28.58	17.86	33.02	12.70	46.86	44.45	33.43	28.24	32.54	35.88
16	17	31.75	21.03	33.02	13.97	49.40	44.45	37.72	31.12	35.18	38.74
18	19	32.26	23.72	33.02	17.91	50.67	44.45	39.24	35.61	37.24	41.53
20	21	38.10	26.90	33.02	20.57	46.86	44.45	45.36	38.48	44.17	44.45
22	23	40.64	30.07	33.02	23.75	46.86	44.45	48.77	41.33	48.82	48.26
24	25	41.91	33.25	33.02	26.42	46.86	44.45	48.82	46.74	49.17	50.17

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

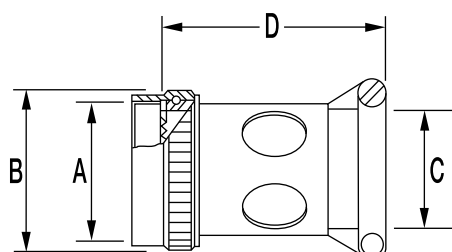
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	1 5/16" x 18 UNEF	1 7/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

SCREEN WRAP ADAPTORS

Cable Clamp (to include Spin Coupling Nut)

Style: C



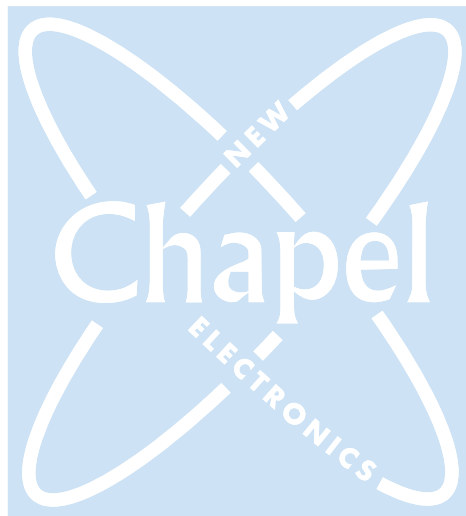
Fits Shell Size		ØB max.	ØC max.	ØE max.	ØF max.	ØG max.	D	H	L max.	J	K
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & II	Spin Coupling Nut	Cable Entry	Length	Cable Entry	Length	Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	8.53	33.02	5.00	41.40	44.45	23.16	19.69	25.20	23.37
10	11	21.59	11.76	33.02	7.92	41.40	44.45	25.53	22.28	26.29	25.63
12	13	24.13	14.68	33.02	11.00	41.40	44.45	28.91	25.86	29.54	31.12
14	15	28.58	17.86	33.02	12.70	46.86	44.45	33.43	28.24	32.54	35.88
16	17	31.75	21.03	33.02	13.97	49.40	44.45	37.72	31.12	35.18	38.74
18	19	32.26	23.72	33.02	17.91	50.67	44.45	39.24	35.61	37.24	41.53
20	21	38.10	26.90	33.02	20.57	46.86	44.45	45.36	38.48	44.17	44.45
22	23	40.64	30.07	33.02	23.75	46.86	44.45	48.77	41.33	48.82	48.26
24	25	41.91	33.25	33.02	26.42	46.86	44.45	48.82	46.74	49.17	50.17

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF



NCE SCREEN WRAP ADAPTORS Angled Accessories

Backshell Part Number Explanations

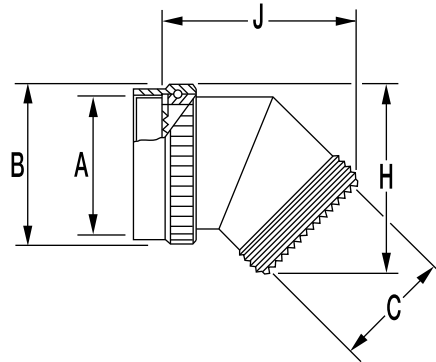
	NCB <u>X</u>	<u>X</u>	<u>XX</u>	<u>XX</u>	012
Adaptor Series:	NCB1: Mil-DTL-38999 I & II NCB3: Mil-C-26482 II NCB4: Mil-DTL-38999 III NCB8: Mil-C-26482 I				
Angle:	F: 45° R: 90°				
Shell Size:	Refer to Dimensions				
Plating:	02: Cadmium Olive Drab 03: Electroless Nickel 00: Unplated 04: Black Anodised				
MOD Code:	012: Special Adaptor for use with Screen Wrap parts only				



SCREEN WRAP ADAPTORS

45° Angled Accessory (to include Spin Coupling Nut)

Style: F



Fits Shell Size		ØB max.	ØC max.	ØE max.	ØF max.	ØG max.	D	H	L max.	J	K
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & II	Spin Coupling Nut	Cable Entry	Length	Cable Entry	Length	Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	8.53	33.02	5.00	41.40	44.45	23.16	19.69	25.20	23.37
10	11	21.59	11.76	33.02	7.92	41.40	44.45	25.53	22.28	26.29	25.63
12	13	24.13	14.68	33.02	11.00	41.40	44.45	28.91	25.86	29.54	31.12
14	15	28.58	17.86	33.02	12.70	46.86	44.45	33.43	28.24	32.54	35.88
16	17	31.75	21.03	33.02	13.97	49.40	44.45	37.72	31.12	35.18	38.74
18	19	32.26	23.72	33.02	17.91	50.67	44.45	39.24	35.61	37.24	41.53
20	21	38.10	26.90	33.02	20.57	46.86	44.45	45.36	38.48	44.17	44.45
22	23	40.64	30.07	33.02	23.75	46.86	44.45	48.77	41.33	48.82	48.26
24	25	41.91	33.25	33.02	26.42	46.86	44.45	48.82	46.74	49.17	50.17

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

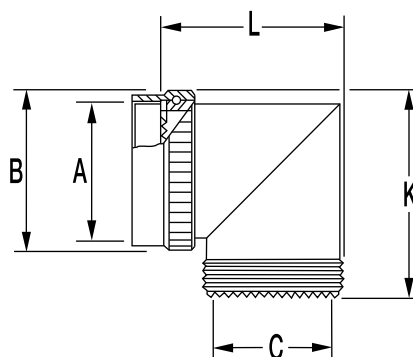
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	1 5/16" x 18 UNEF	1 7/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

SCREEN WRAP ADAPTORS

90° Angled Accessory (to include Spin Coupling Nut)

Style: R



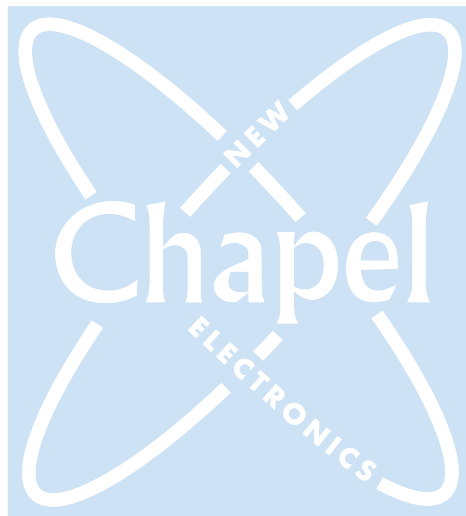
Fits Shell Size		ØB max.	ØC max.	ØE max.	ØF max.	ØG max.	D	H	L max.	J	K
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & II	Spin Coupling Nut	Cable Entry	Length	Cable Entry	Length	Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	8.53	33.02	5.00	41.40	44.45	23.16	19.69	25.20	23.37
10	11	21.59	11.76	33.02	7.92	41.40	44.45	25.53	22.28	26.29	25.63
12	13	24.13	14.68	33.02	11.00	41.40	44.45	28.91	25.86	29.54	31.12
14	15	28.58	17.86	33.02	12.70	46.86	44.45	33.43	28.24	32.54	35.88
16	17	31.75	21.03	33.02	13.97	49.40	44.45	37.72	31.12	35.18	38.74
18	19	32.26	23.72	33.02	17.91	50.67	44.45	39.24	35.61	37.24	41.53
20	21	38.10	26.90	33.02	20.57	46.86	44.45	45.36	38.48	44.17	44.45
22	23	40.64	30.07	33.02	23.75	46.86	44.45	48.77	41.33	48.82	48.26
24	25	41.91	33.25	33.02	26.42	46.86	44.45	48.82	46.74	49.17	50.17

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF



NCE SCREEN TRAP ADAPTORS for Circular Connectors

Backshell Part Number Explanations

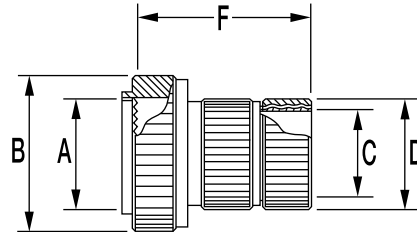
		NCB <u>X</u>	<u>X</u>	<u>XX</u>	<u>XX</u>	ST/ <u>XX</u>	LP	<u>XX</u>	<u>XX</u>
Adaptor Series:	NCB1: Mil-DTL-38999 I & II NCB3: Mil-C-26482 II NCB4: Mil-DTL-38999 III BCB8: Mil-C-26482 I								
Cable Entry Angle:	S: Straight F: 45° R: 90°								
Shell Size:	Refer to Dimensions								
Plating:	02: Cadmium Olive Drab 03: Electroless Nickel 05: Zinc Cobalt 06: Passivated (Stainless Steel)								
Screen Trap	To Terminate Screening								
Step Down	Shell size of reduced cable entry required. Omit if not required.								
Low Profile	LP: Only LP available Straight Cable entry. Omit if not Required.								
Material:	01: Aluminium Bronze 02: Stainless Steel Leave blank for Aluminium								
Heatshrink Boot:	SB: Straight Boot RB: 90° Boot Omit if not required								



SCREEN TRAP ADAPTORS for Circular Connectors

Straight Adaptor (to include Spin Coupling Nut)

Style: S



Fits Shell Size		ØB max.	ØC	ØD max.	E max.	F	G	H	J	K
MIL-C-26482 I & II, MIL-C- 38999 II	MIL-DTL- 38999 I & II	Spin Coupling Nut	Cable Entry	Screen Trap™ Nut	Low Profile Length	Straight Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	5.72	14.27	25.40	32.18	38.10	21.06	33.02	36.25
10	11	21.59	8.89	15.88	25.40	32.18	44.20	23.16	36.32	38.79
12	13	24.13	11.94	20.32	28.45	32.18	44.20	27.18	41.66	47.68
14	15	28.58	13.72	22.23	28.45	37.57	49.53	29.01	45.72	55.04
16	17	31.75	14.99	25.12	28.45	37.57	47.24	32.13	47.24	57.58
18	19	32.26	18.67	26.97	34.29	37.57	53.34	34.39	52.07	58.85
20	21	38.10	21.59	31.75	34.29	37.57	53.34	38.48	55.88	60.12
22	23	34.29	24.77	34.93	34.29	37.57	56.90	42.21	56.90	62.03
24	25	38.10	27.43	38.10	34.29	37.57	57.15	43.05	60.96	66.47

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

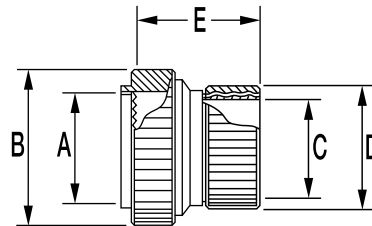
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

SCREEN TRAP ADAPTORS for Circular Connectors

Straight Low Profile Adaptor (to include Spin Coupling Nut)

Style: S (Suffix LP)



Fits Shell Size		ØB max.	ØC	ØD max.	E max.	F	G	H	J	K
MIL-C-26482 I & II, MIL -C- 38999 II	MIL-DTL- 38999 I & II	Spin Coupling Nut	Cable Entry	Screen Trap™ Nut	Low Profile Length	Straight Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	5.72	14.27	25.40	32.18	38.10	21.06	33.02	36.25
10	11	21.59	8.89	15.88	25.40	32.18	44.20	23.16	36.32	38.79
12	13	24.13	11.94	20.32	28.45	32.18	44.20	27.18	41.66	47.68
14	15	28.58	13.72	22.23	28.45	37.57	49.53	29.01	45.72	55.04
16	17	31.75	14.99	25.12	28.45	37.57	47.24	32.13	47.24	57.58
18	19	32.26	18.67	26.97	34.29	37.57	53.34	34.39	52.07	58.85
20	21	38.10	21.59	31.75	34.29	37.57	53.34	38.48	55.88	60.12
22	23	34.29	24.77	34.93	34.29	37.57	56.90	42.21	56.90	62.03
24	25	38.10	27.43	38.10	34.29	37.57	57.15	43.05	60.96	66.47

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

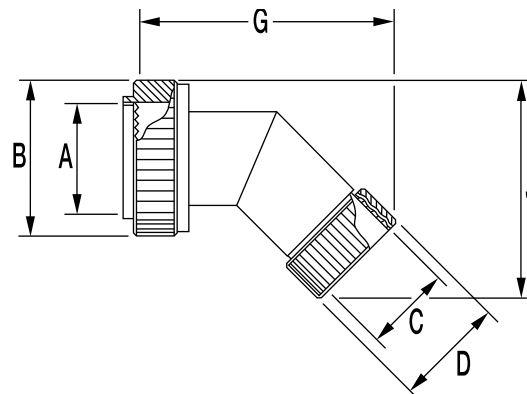
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

SCREEN TRAP ADAPTORS for Circular Connectors

45° Angled Accessory (to include Spin Coupling Nut)

Style: F



Fits Shell Size		ØB max.	ØC	ØD max.	E max.	F	G	H	J	K
MIL-C-26482 I & II, MIL-DTL- 38999 II	MIL-DTL- 38999 I & II	Spin Coupling Nut	Cable Entry	Screen Trap™ Nut	Low Profile Length	Straight Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	5.72	14.27	25.40	32.18	38.10	21.06	33.02	36.25
10	11	21.59	8.89	15.88	25.40	32.18	44.20	23.16	36.32	38.79
12	13	24.13	11.94	20.32	28.45	32.18	44.20	27.18	41.66	47.68
14	15	28.58	13.72	22.23	28.45	37.57	49.53	29.01	45.72	55.04
16	17	31.75	14.99	25.12	28.45	37.57	47.24	32.13	47.24	57.58
18	19	32.26	18.67	26.97	34.29	37.57	53.34	34.39	52.07	58.85
20	21	38.10	21.59	31.75	34.29	37.57	53.34	38.48	55.88	60.12
22	23	34.29	24.77	34.93	34.29	37.57	56.90	42.21	56.90	62.03
24	25	38.10	27.43	38.10	34.29	37.57	57.15	43.05	60.96	66.47

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

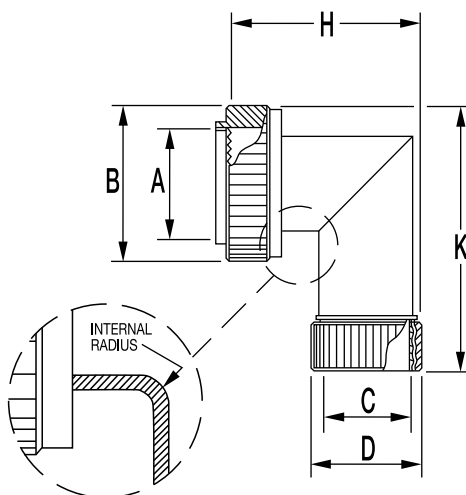
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

SCREEN TRAP ADAPTORS for Circular Connectors

90° Angled Accessory (to include Spin Coupling Nut)

Style: R



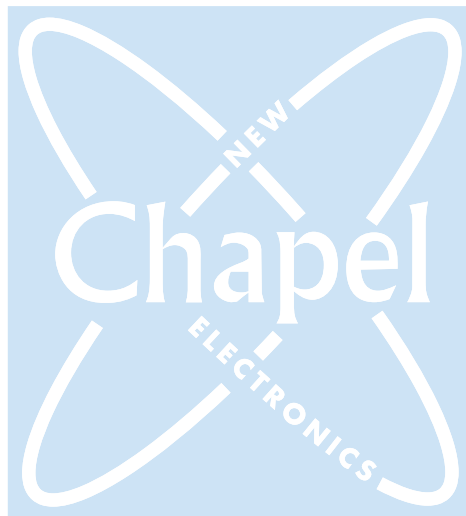
Fits Shell Size		ØB max.	ØC	ØD max.	E max.	F	G	H	J	K
MIL-C-26482 I & II, MIL-C-38999 II	MIL-DTL-38999 I & II	Spin Coupling Nut	Cable Entry	Screen Trap™ Nut	Low Profile Length	Straight Length	45° Length	90° Length	45° Length	90° Length
8	9	17.78	5.72	14.27	25.40	32.18	38.10	21.06	33.02	36.25
10	11	21.59	8.89	15.88	25.40	32.18	44.20	23.16	36.32	38.79
12	13	24.13	11.94	20.32	28.45	32.18	44.20	27.18	41.66	47.68
14	15	28.58	13.72	22.23	28.45	37.57	49.53	29.01	45.72	55.04
16	17	31.75	14.99	25.12	28.45	37.57	47.24	32.13	47.24	57.58
18	19	32.26	18.67	26.97	34.29	37.57	53.34	34.39	52.07	58.85
20	21	38.10	21.59	31.75	34.29	37.57	53.34	38.48	55.88	60.12
22	23	34.29	24.77	34.93	34.29	37.57	56.90	42.21	56.90	62.03
24	25	38.10	27.43	38.10	34.29	37.57	57.15	43.05	60.96	66.47

Note.

Smaller cable entry sizes than those shown are available. Please consult factory for details.

Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	11/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF



NCE SCREEN TRAP ADAPTORS for D-Sub-Miniature Connectors

Backshell Part Number Explanations

	NC81733	XX	00	XX
Adaptor Series:	NC81733			
Adaptor Size:	Refer to Diagram			
Protective Finish:	00: Un-plated Zinc			
Screen Trap Sizes:	04 to 16			
	(04 - 10) - Adaptor 9 - 37			
	(04 - 16) - Adaptor 50			

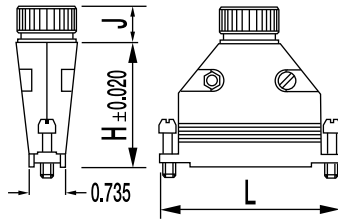
	NC82828	XX	00
Adaptor Series:	NC82828		
Adaptor Size:	Refer to Diagram		
Protective Finish:	00: Un-plated Zinc		
	02: Cadmium Olive Drab		
	03: Electroless Nickel		
	04: Black Anadised		



SCREEN TRAP ADAPTORS for D-Sub-Miniature Connectors

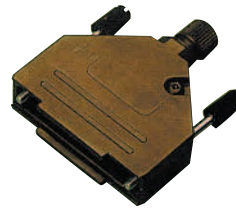
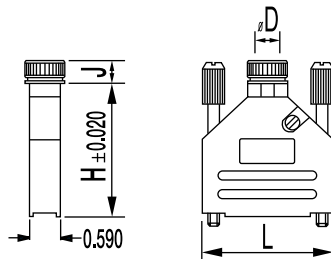
NC 81733 Series

Style: 50 Way



Adaptor Size	L	H
Jackscrew Thread 5-40 UNC		
9	1.276	1.600
15	1.555	1.687
25	2.157	1.960
37	2.790	2.150
50	2.640	1.900

Style: 9 Way - 37 Way



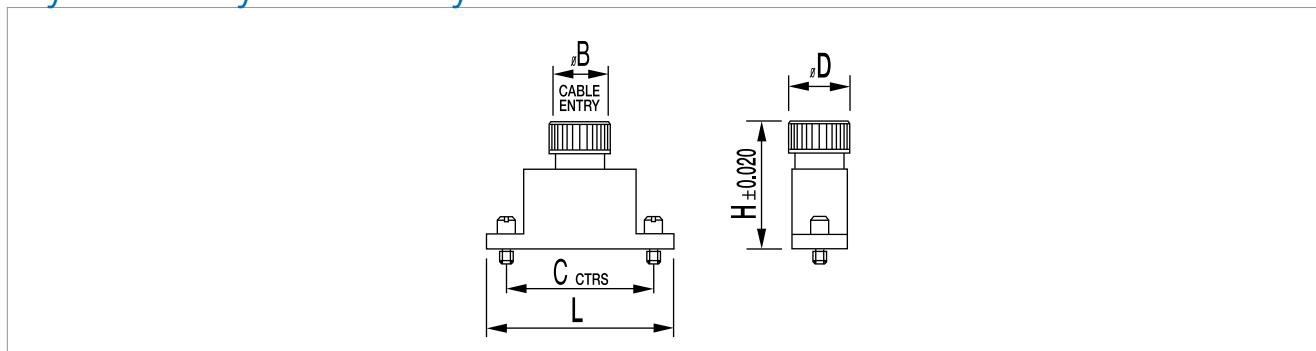
Adaptor Size	L	H	Screen Trap™ Size	ØD	J
Jackscrew Thread 2-56 UNC Adaptor Size					
9	1.276	1.600	04	0.118	0.527
15	1.555	1.687	06	0.150	0.527
25	2.157	1.960	08	0.225	0.527
37	2.790	2.150	10	0.350	0.527
50	2.640	1.900	12*	0.470	0.527
			14*	0.540	0.742
			16*	0.590	0.742

* Available on 50 Way only.

SCREEN TRAP ADAPTORS for Micro-D Connectors

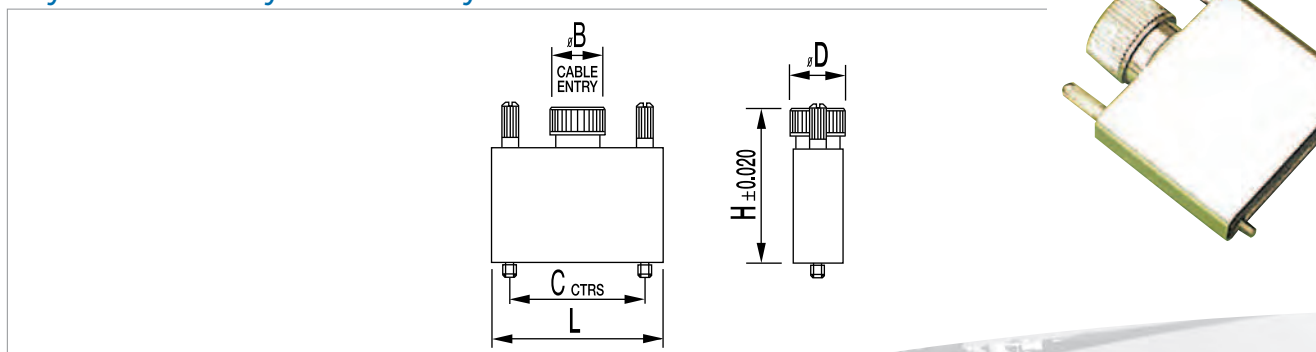
NC 82828 Series for MIL-C-83513

Style: 9 Way & 15 Way

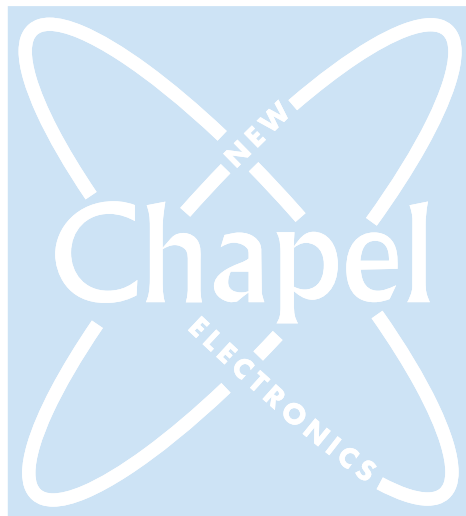


Adaptor Size	ØB Cable Entry	ØD	H 0.020	L	C
Jackscrew Thread 2-56 UNC Adaptor Size					
9	0.160	0.455	1.180	0.835	0.565
15	0.225	0.562	1.270	0.985	0.715
21	0.225	0.562	1.490	1.140	0.865
25	0.230	0.562	1.490	1.240	0.965
31	0.300	0.625	1.630	1.385	1.115
37	0.300	0.625	1.730	1.535	1.265
51	0.340	0.625	2.030	1.485	1.215

Style: 21 Way - 51 Way



Adaptor Size	ØB Cable Entry	ØD	H ±0.020	L	C
Jackscrew Thread 2-56 UNC Adaptor Size					
9	0.160	0.455	1.180	0.835	0.565
15	0.225	0.562	1.270	0.985	0.715
21	0.225	0.562	1.490	1.140	0.865
25	0.230	0.562	1.490	1.240	0.965
31	0.300	0.625	1.630	1.385	1.115
37	0.300	0.625	1.730	1.535	1.265
51	0.340	0.625	2.030	1.485	1.215



NCE BOOT LIP ADAPTORS

Backshell Part Number Explanations

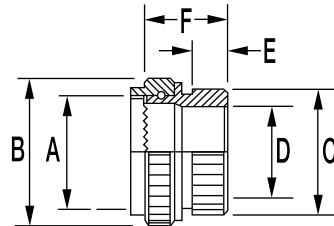
	NCB <u>X</u>	<u>X</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>
Adaptor Series:						
	NCB1: Mil-DTL-38999 I & II					
	NCB3: Mil-C-26482 III					
	NCB4: Mil-DTL-38999 III					
	NCB8: Mil-C-26482 I					
Cable Entry Angle:	S: Straight					
	F: 45°					
	R: 90°					
Shell Size:	Refer to Dimensions					
Plating:	02: Cadmium Olive Drab					
	03: Electroless Nickel					
	06: Passivated (Stainless Steel)					
Boot Lip	Shell size of reduced cable entry required. Omit if not required.					
Step Down:						
Material:	01: Aluminium Bronze					
	02: Stainless Steel					
	Leave blank for Aluminium					



BOOT LIP ADAPTOR

Straight Adaptor (to include Spin Coupling Nut)

Style: S



Fits Shell Size		ØB max.	ØC max.	ØD max.	E	F	G	H	J	K	L
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & III	Spin Coupling Nut	Over Knurl	Cable Entry		Straight Length		45° Length	90° Length	45° Length	90° Length
8	9	17.78	13.46	7.14	2.54	18.72	4.88	16.51	13.59	16.51	16.76
10	11	21.59	15.49	10.16	2.54	18.72	4.88	20.32	14.99	20.32	18.16
12	13	24.13	20.32	13.46	2.54	18.72	4.88	20.32	16.76	20.32	25.02
14	15	28.58	21.08	16.51	2.54	18.72	4.88	20.32	17.78	20.32	25.78
16	17	31.75	24.13	17.78	5.08	18.72	4.88	20.32	19.43	20.32	27.05
18	19	32.26	26.16	20.57	5.08	18.72	4.88	22.86	20.70	22.86	40.01
20	21	38.10	31.75	24.13	5.08	18.72	4.88	22.86	22.35	22.86	27.05
22	23	40.64	35.48	27.05	5.08	18.72	4.88	25.40	24.51	25.40	27.69
24	25	41.94	37.47	27.94	5.08	18.72	4.88	25.40	23.75	25.40	30.23

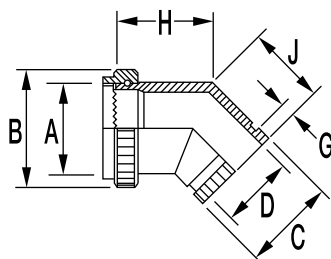
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	A Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

BOOT LIP ADAPTOR

45° Angled Accessory (to include Spin Coupling Nut)

Style: F



Fits Shell Size		ØB max.	ØC max.	ØD max.	E	F	G	H	J	K	L
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & III	Spin Coupling Nut	Over Knurl	Cable Entry		Straight Length		45° Length	90° Length	45° Length	90° Length
8	9	17.78	13.46	7.14	2.54	18.72	4.88	16.51	13.59	16.51	16.76
10	11	21.59	15.49	10.16	2.54	18.72	4.88	20.32	14.99	20.32	18.16
12	13	24.13	20.32	13.46	2.54	18.72	4.88	20.32	16.76	20.32	25.02
14	15	28.58	21.08	16.51	2.54	18.72	4.88	20.32	17.78	20.32	25.78
16	17	31.75	24.13	17.78	5.08	18.72	4.88	20.32	19.43	20.32	27.05
18	19	32.26	26.16	20.57	5.08	18.72	4.88	22.86	20.70	22.86	40.01
20	21	38.10	31.75	24.13	5.08	18.72	4.88	22.86	22.35	22.86	27.05
22	23	40.64	35.48	27.05	5.08	18.72	4.88	25.40	24.51	25.40	27.69
24	25	41.94	37.47	27.94	5.08	18.72	4.88	25.40	23.75	25.40	30.23

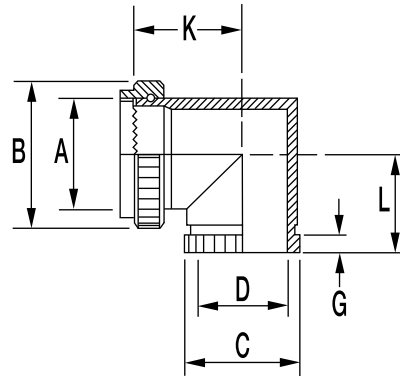
Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	A Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

BOOT LIP ADAPTOR

90° Angled Accessory (to include Spin Coupling Nut)

Style: R



Fits Shell Size		ØB max.	ØC max.	ØD max.	E	F	G	H	J	K	L
MIL-C-26482 I & II, MIL-DTL-38999 II	MIL-DTL-38999 I & III	Spin Coupling Nut	Over Knurl	Cable Entry		Straight Length		45° Length	90° Length	45° Length	90° Length
8	9	17.78	13.46	7.14	2.54	18.72	4.88	16.51	13.59	16.51	16.76
10	11	21.59	15.49	10.16	2.54	18.72	4.88	20.32	14.99	20.32	18.16
12	13	24.13	20.32	13.46	2.54	18.72	4.88	20.32	16.76	20.32	25.02
14	15	28.58	21.08	16.51	2.54	18.72	4.88	20.32	17.78	20.32	25.78
16	17	31.75	24.13	17.78	5.08	18.72	4.88	20.32	19.43	20.32	27.05
18	19	32.26	26.16	20.57	5.08	18.72	4.88	22.86	20.70	22.86	40.01
20	21	38.10	31.75	24.13	5.08	18.72	4.88	22.86	22.35	22.86	27.05
22	23	40.64	35.48	27.05	5.08	18.72	4.88	25.40	24.51	25.40	27.69
24	25	41.94	37.47	27.94	5.08	18.72	4.88	25.40	23.75	25.40	30.23

Spin Coupling Nuts

Adaptor Series	Shell Sizes	8/9	10/11	12/13	14/15	16/17	18/19	20/21	22/23	24/25
NCB 1	A Thread Class 2B	7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 3		1/2" x 20 UNEF	5/8" x 20 UNEF	3/4" x 20 UNEF	7/8" x 20 UNEF	1" x 20 UNEF	1 1/8" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF
NCB 4		12mm x 1	15mm x 1	18mm x 1	22mm x 1	25mm x 1	28mm x 1	31mm x 1	34mm x 1	37mm x 1
NCB 8		7/16" x 28 UNEF	9/16" x 24 UNEF	11/16" x 24 UNEF	13/16" x 20 UNEF	15/16" x 20 UNEF	11/16" x 18 UNEF	13/16" x 18 UNEF	15/16" x 18 UNEF	17/16" x 18 UNEF

Global Presence



The world's demand for electronics is increasing as new technologies, with a higher dependence on complex components, are being adopted by a broader customer base. This growth provides TT electronics an assured future as we focus on efforts to deliver excellence in customer service and quality products to these markets. From our strong UK base, the company has achieved truly global reach. We have established technical and manufacturing facilities in strategic countries maintaining the successful formula of close liaison with our customers in all major overseas markets.

In addition, through strategic relationships with Original Equipment Manufacturers around the world, we are now in the enviable position where we gain double benefit - from growth in their markets and from the increase in the electronic content of end products.

Information on TT electronics companies can be found by contacting:-

Head Office:

TT electronics plc
Clive House
12 - 18 Queens Road
Weybridge
Surrey
KT13 9XB
UK

Tel: +44 (0) 1932 841310
Fax: +44 (0) 1932 836450

Email: info@ttelectronics.com
Web: www.ttelectronics.com





AB Connectors Limited

A Subsidiary of TT electronics plc

New Chapel Electronics Limited
London Road, Fairford,
Glos, GL7 4DS, UK.

Telephone: + 44(0) 1285 712144
Facsimile: + 44(0) 1285 713143
Website: www.newchapel.co.uk

AB Connectors Limited
Abercynon, Mountain Ash,
Rhondda Cynon Taff, CF45 4SF, UK.

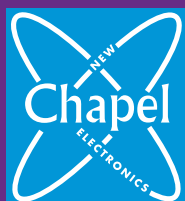
Telephone: + 44(0) 1443 740331
Facsimile: + 44(0) 1443 741676
Email: sales@ttabconnectors.com
Website: www.ttabconnectors.com

AB Interconnect Inc.
PO Box 2240, 2500 Business Highway 70 East,
Smithfield, NC 27577, USA.

Telephone: + (1)919 934 5181
Facsimile: + (1)919 934 0652
Email: sales@abinterconnect.com
Website: www.abinterconnect.com

AB Connectors (Suzhou) Limited
158-29 Huashan Road, Feng Qiao Ind. Park,
Suzhou, Jiang Su Province, China 215129

Telephone: + 86 512 6661 1004
Facsimile: + 86 512 6661 3261 880
Email: sales@ttabconnectors.com
Website: www.ttabconnectors.com



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