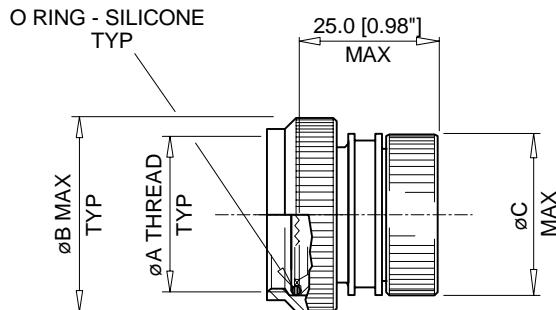


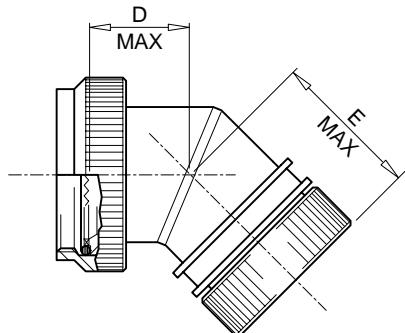
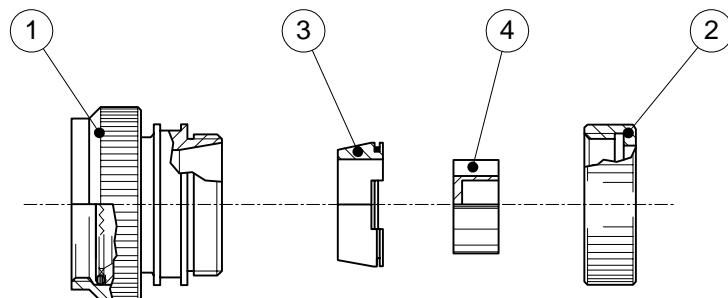
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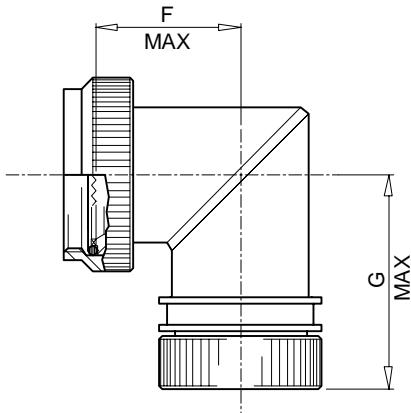
STRAIGHT ADAPTOR

-00



45° ADAPTOR

-45



90° ADAPTOR

-90

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| | | | | |
|--|---|---|---|----------------|
|  <p>Wire and Harnessing Products</p> | | <p>Raychem Wire and Harnessing Products 300 Constitution Drive Menlo Park, CA 94025 USA</p> | <p>TITLE: HEXASHIELD ADAPTOR FOR CODE 41 CONNECTORS- PLAIN CLAMPING NUT</p> | |
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KIT DESCRIPTION

| ITEM | DESCRIPTION | MATERIAL |
|------|----------------------|-----------------|
| 1 | BODY ASSEMBLY | ALUMINIUM ALLOY |
| 2 | CLAMPING NUT – PLAIN | ALUMINIUM ALLOY |
| 3 | CONIC RING | ALUMINIUM ALLOY |
| 4 | STAR | ALUMINIUM ALLOY |

TABLE OF DIMENSIONS

| Order Number | Shell Size | | ØA Thread UNEF 2B | ØB Max | ØC Max | D Max | E Max | F Max | G Max | Ferrule Quantity | |
|--------------|------------|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------|
| | Ser I | Ser II | | | | | | | | Std. | Opt. |
| 09 | 09 | 08 | 0.4375"-28 | 19.0 [0.75"] | 17.5 [0.69"] | 12.5 [0.49"] | 25.5 [1.00"] | 16.0 [0.63"] | 29.0 [1.14"] | 1 | - |
| 11 | 11 | 10 | 0.5625"-24 | 22.0 [0.87"] | 21.5 [0.85"] | 13.0 [0.51"] | 26.0 [1.02"] | 17.5 [0.69"] | 30.5 [1.20"] | 2 | - |
| 13 | 13 | 12 | 0.6875"-24 | 25.5 [1.00"] | 22.5 [0.89"] | 14.0 [0.55"] | 26.5 [1.04"] | 19.0 [0.75"] | 32.0 [1.26"] | 3 | - |
| 15 | 15 | 14 | 0.8125"-20 | 30.5 [1.20"] | 25.5 [1.00"] | 14.5 [0.57"] | 27.5 [1.08"] | 20.5 [0.81"] | 33.5 [1.32"] | 5 | - |
| 17 | 17 | 16 | 0.9375"-20 | 33.5 [1.32"] | 28.5 [1.12"] | 15.0 [0.59"] | 28.0 [1.10"] | 22.0 [0.87"] | 35.0 [1.38"] | 6 | 7 |
| 19 | 19 | 18 | 1.0625"-18 | 37.0 [1.46"] | 31.5 [1.24"] | 15.5 [0.61"] | 28.5 [1.12"] | 23.5 [0.93"] | 36.5 [1.44"] | 7 | - |
| 21 | 21 | 20 | 1.1875"-18 | 38.5 [1.52"] | 35.0 [1.38"] | 16.5 [0.65"] | 29.0 [1.14"] | 25.5 [1.00"] | 38.5 [1.52"] | 9 | 11 |
| 23 | 23 | 22 | 1.3125"-18 | 42.0 [1.65"] | 38.0 [1.50"] | 17.0 [0.67"] | 30.0 [1.18"] | 27.0 [1.06"] | 40.0 [1.57"] | 10 | 13 |
| 25 | 25 | 24 | 1.4375"-18 | 46.5 [1.83"] | 41.0 [1.61"] | 18.0 [0.71"] | 31.0 [1.22"] | 28.5 [1.12"] | 41.5 [1.63"] | 12 | 17 |

| | | | |
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REV: B DATE: AUG 17 2006

PART NUMBERING

HEX41 - A B - 00 - 21 - A9 - 1 - DS

- CONNECTOR CODE NUMBER _____
HEX41 = MIL-C-38999 SERIES I AND II

- MATERIAL CODE: _____
A = ALUMINIUM ALLOY

- PLATING CODE: _____
B = CADMIUM OLIVE DRAB TO QQ-P416
C = ELECTROLESS NICKEL TO MIL-C-26074

- BODY STYLE _____
00 = STRAIGHT
45 = 45°
90 = 90°

- ORDER NUMBER _____

- FERRULE QUANTITY CODE _____

- 1 = PLAIN CLAMPING NUT _____

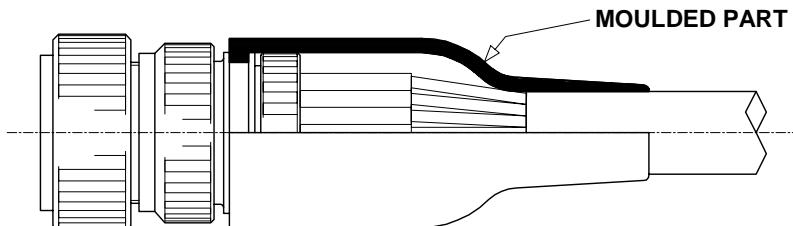
- DS = DRILLED STAR - OPTIONAL - SEE NOTE 2 _____

APPLICATION

- These adaptors are designed to be mounted on the following connectors:

MIL-C-38999 Series I and II

- They are qualified to the Raychem specification RB-114, when installed on metallic Mil-Specification circular connectors only.
- They are designed primarily for open wire bundle installation but are also designed to accept Raychem heat shrink moulded parts where strain relief is required – see illustration.



- Use in conjunction with the ferrules HET-A-0XX, which are purchased separately. Refer to HET-A-0XX S.C.D. for relevant selection details.

INSTALLATION

- See Installation Procedure RPIP-696-04.

PACKAGING

- All components are supplied in a plastic bag.

| | | | | | | |
|--|-----------------|---|---|------------------------|----------------|------------------|
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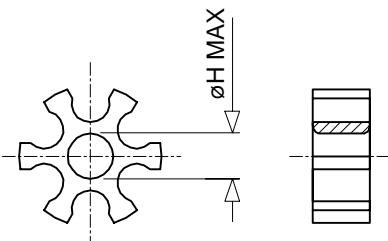
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NOTES!

1. Item 4 - Star - is not supplied with Hexashield Order Number 09.
2. The DS option, illustrated below, is for a Drilled Star that is available on sizes 15 to 25 only. This option is to allow unshielded wires to pass through the assembly.

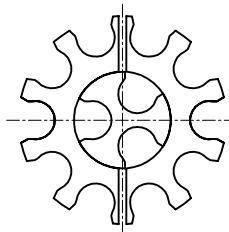


| STAR SIZE | 15 | 17 | 19 | 21 | 23 | 25 |
|-----------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| ØD MAX | 3.0 [0.12"] | 6.0 [0.24"] | 9.0 [0.35"] | 12.0 [0.47"] | 15.0 [0.59"] | 18.0 [0.71"] |

3. Where the ferrule quantities required are standard, the item 4 - Star - is also standard. If the optional quantity is selected then 2 items 4 will be supplied - one "split" and the other one standard. See below for illustration.

EXAMPLE: FERRULE QUANTITY CODE -A13

-A13 = -A10 SPLIT STAR + -A3 STANDARD STAR



4. Assembly is to be permanently marked with Code Identity Number and Part Number.
(e.g. 06090 HEX41-AB-00-21-A9-1)

| | | | | | |
|--|---------------|--|---|---------------------------|--------------------------------|
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