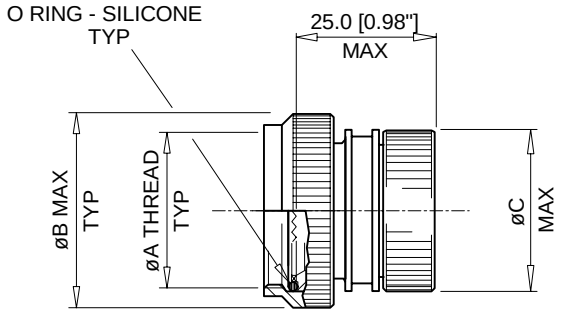
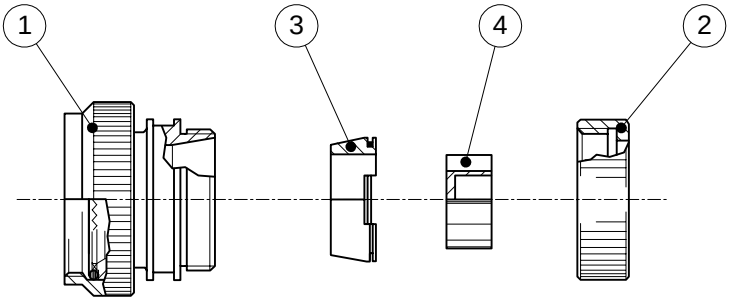
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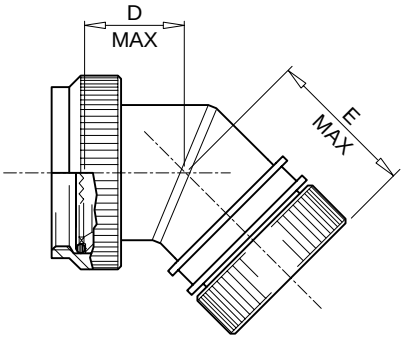
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STRAIGHT ADAPTOR

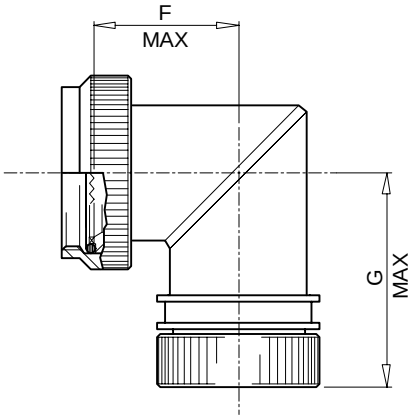
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45º ADAPTOR

-45



90º ADAPTOR

-90

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Wire and Harnessing Products

Raychem Wire and Harnessing Products
300 Constitution Drive
Menlo Park, CA 94025
USA

TITLE:
HEXASHIELD ADAPTOR FOR CODE 41 CONNECTORS- PLAIN CLAMPING NUT

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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	ØB	ØC	D	E	F	G	Ferrule Quantity	
	Ser I	Ser II	UNEF 2B	Max	Max	Max	Max	Max	Max	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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PART NUMBERING

HEX41 – A B – 00 – 21 – A9 – 1 – DS

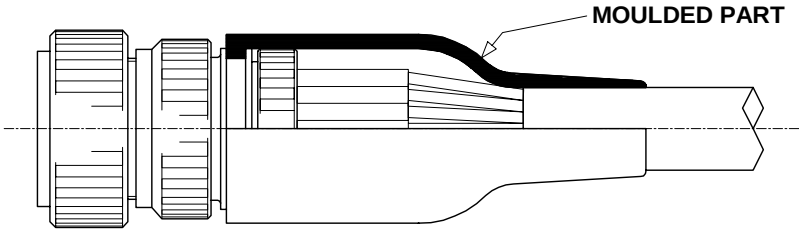
- CONNECTOR CODE NUMBER
  HEX41 = MIL-C-38999 SERIES I AND II
- MATERIAL CODE:
  A = ALUMINIUM ALLOY
- PLATING CODE:
  B = CADMIUM OLIVE DRAB TO QQ-P416
  C = ELECTROLESS NICKEL TO MIL-C-26074
- BODY STYLE
  00 = STRAIGHT
  45 = 45º
  90 = 90º
- ORDER NUMBER
- FERRULE QUANTITY CODE
- 1 = PLAIN CLAMPING 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.

tyco Electronics **Wire and Harnessing Products**		Raychem Wire and Harnessing Products 300 Constitution Drive Menlo Park, CA 94025 USA	TITLE: **HEXASHIELD ADAPTOR FOR CODE 41 CONNECTORS- PLAIN CLAMPING NUT**			
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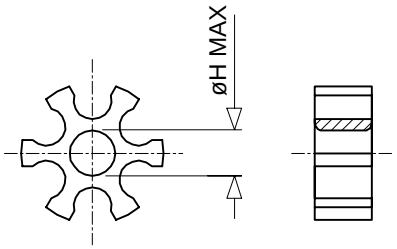
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NOTES!

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.

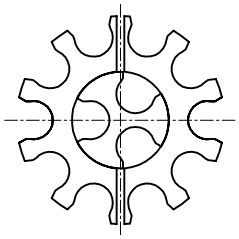


STAR SIZE	15	17	19	21	23	25
ØD MAX	3.0 [0.12"]	6.0 [0.24"]	9.0 [0.35"]	12.0 [0.47"]	15.0 [0.59"]	18.0 [0.71"]

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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