ATP

BACKSHELLS

HIGH PERFORMANCE BACKSHELLS

NCAGE CODE: TD589

AS 9100

Quality System

ATP company products define several types the standard for highly reliable screened and unscreened termination systems.

Our company provides environment resisting electrically passive components in defence industries, including aerospace, naval and land forces, communication, industrial, medical areas.

We also define innovative solutions a full range of connector series as shown below.

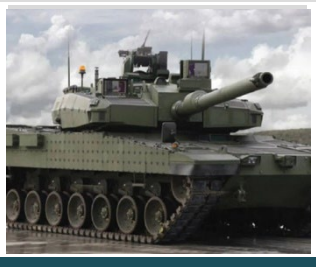
- MIL-DTL-38999 SERIES I, II, III & IV
- MIL-DTL-26482 SERIES
- MIL-DTL-5015 CRIMP SERIES
- MIL-DTL-5015 (MS3100)
- MIL-DTL-27599
- MIL-DTL-83723 SERIES I & III
- AS81703 SERIES III
- EN3645

ATP offers its products designed for a wide range of military connectors series.

Our products are available in many configurations for the mating application and easy to install and kitted for customer convenience.

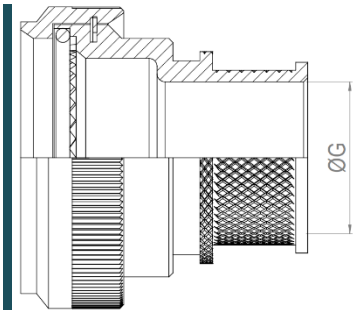
We offer a full range of backshells in different materials and plating.

- ALUMINUM SERIES
- STAINLESS STEEL SERIES
- NICKEL ALUMINUM BRONZE SERIES
- ALUMINUM ELECTROLESS NICKEL
- ALUMINUM BLACK ANODIZE
- ALUMINUM ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
- ALUMINUM OLIVE DRAP CADMIUM OVER ELECTROLESS NICKEL
- ALUMINUM ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

ENTRY SIZE

How can you determine the Wire Bundle Size (ØG)?
You can calculate with following formula easily.



$$D\ (ØG) = 1{,}2\ \sqrt{N_1.d_1^2 + N_2.d_2^2 + N_3.d_3^2 + ..\infty}$$

D = Bundle diameter (ØG)
N = Number of wires
d = Diameter of wires

ADAPTER SELECTION

YOU CAN DETERMINE YOUR ENTRY SIZE WITH FOLLOWING FIGURE

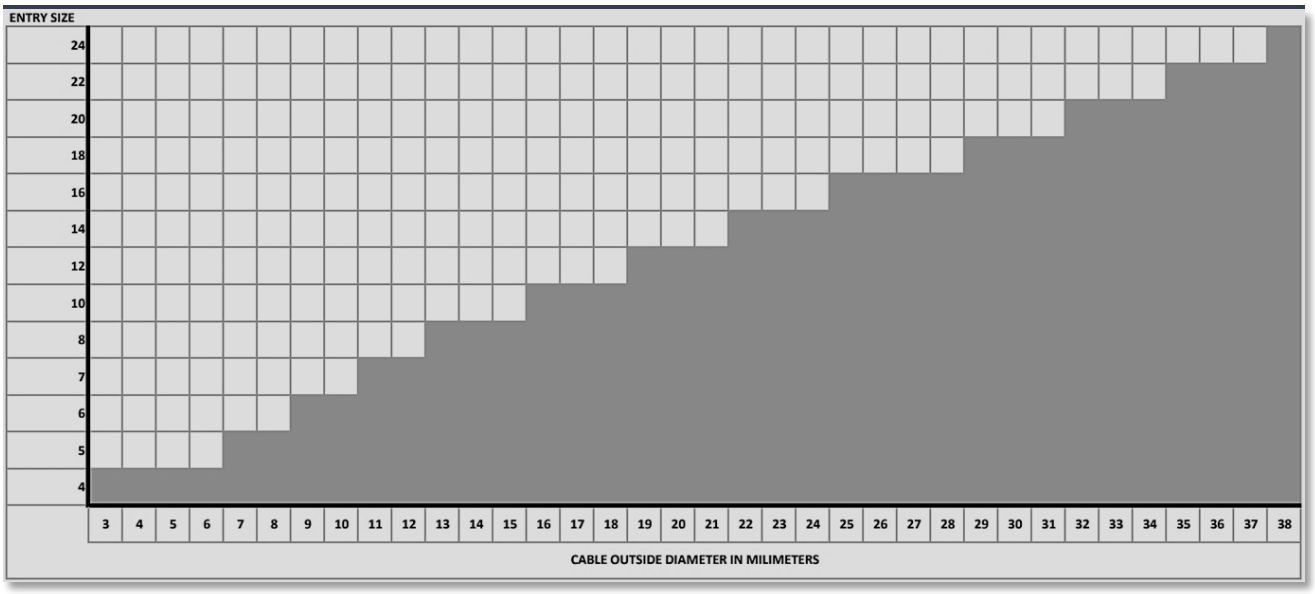


FIGURE: ENTRY SIZE BY CABLE OUTSIDE DIAMETER (IN MM)

INFORMATION ABOUT ATP ADAPTER FAMILY

SPIN COUPLING SHRINK BOOT ADAPTERS

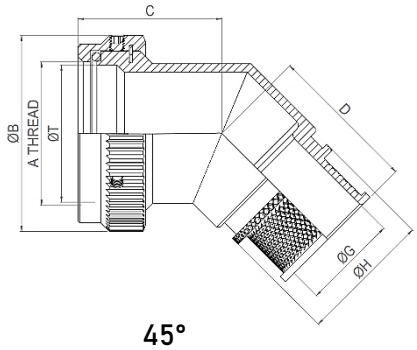
SHIELDED SPIN COUPLING BACKSHELL	
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-26482 Series I	ATX16 (Page-4)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-26482 Series I ❖ PATT 105 ❖ PATT 603	ATX76 (Page-5, 6)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-26482 Series II ❖ AS81703 Series III ❖ MIL-DTL-5015 Crimp ❖ MIL-DTL-83723 Series I & III	ATX82 (Page-7, 8)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-38999 Series I & II ❖ MIL-DTL-27599	ATX85 (Page-9, 10)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-38999 Series III & IV	ATX88 (Page-11, 12)
SERIES FOR	ATP BASIC PART NUMBER
❖ VG96912 Series I	ATX96 (Page-13, 14)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-5015 (MS3100)	ATX5015 (Page-15, 16)

UNSHIELDED SPIN COUPLING BACKSHELL	
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-26482 Series I	ATX15 (Page-17)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-26482 Series II ❖ AS81703 Series III ❖ MIL-DTL-5015 Crimp ❖ MIL-DTL-83723 Series I & III	ATX60 (Page-18)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-38999 Series I & II ❖ MIL-DTL-27599	ATX62 (Page-19)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-38999 Series III & IV	ATX69 (Page-20)

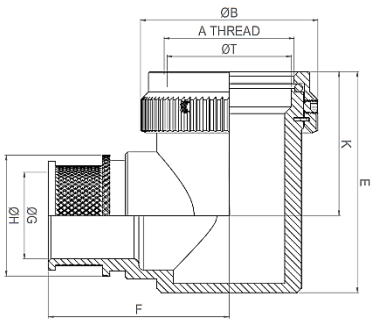
SOLID (FIXED)* BACKSHELL	
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-26482 Series I	ATX10 (Page-21)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-26482 Series II ❖ AS81703 Series III ❖ MIL-DTL-5015 Crimp ❖ MIL-DTL-83723 Series I & III	ATX25 (Page-22)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-38999 Series I & II ❖ MIL-DTL-27599	ATX30 (Page-23)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-38999 Series III & IV	ATX35 (Page-24)
SERIES FOR	ATP BASIC PART NUMBER
❖ MIL-DTL-5015 (MS3100)	ATX50 (Page-25)

* Use only straight application.

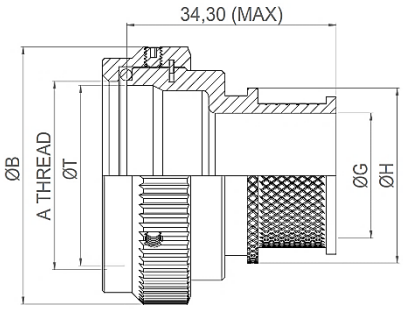
ATX16-SPRING TERMINATION SHIELDED BACKSHELL



45°



90°



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	ENTRY SIZE	PLATING	MATERIAL
ATX	16	00	20	12	B	A
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6

TABLE-1 (SERIES FOR)
MIL-DTL-26482 SERIES I

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX16 / SHELL SIZE								
SHELL SIZE	A THREAD	ØB MAX	ØT MIN	C ±0,5	D ±0,5	E MAX	F MAX	K ±0,5
08	0.437-28 UNEF	18,1	7,0	14,1	24,7	25,2	30,4	17,5
10	0.562-24 UNEF	21,6	9,7	14,9	25,9	28,2	32,2	18,6
12	0.687-24 UNEF	24,7	13,4	15,3	26,3	31,7	33,7	20,5
14	0.812-20 UNEF	27,7	15,8	16,2	27,2	35,2	35,2	22,5
16	0.937-20 UNEF	31,1	18,9	16,5	28,0	38,2	36,9	24,0
18	1.062-18 UNEF	34,4	21,3	17,3	28,3	41,7	38,5	26,0
20	1.187-18 UNEF	37,6	24,5	18,2	29,1	45,2	41,1	28,0
22	1.312-18 UNEF	40,6	27,7	18,5	29,5	48,2	41,6	29,5
24	1.437-18 UNEF	43,6	30,9	19,4	30,4	51,2	43,1	31,0

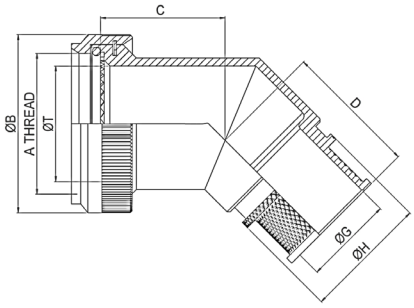
TABLE-4 / ATX16 / ENTRY SIZE					
ENTRY SIZE	ØG MIN	ØH MAX	SPRING REF.	BOOT SIZE	
				STRAIGHT	90°
03	4,77	13,9	HE050	202 K 121	222 K 121
04	6,35	13,9	HE050	202 K 121	222 K 121
05	7,92	15,5	HE100	202 K 121	222 K 121
06	9,52	17,2	HE100	202 K 132	222 K 132
07	11,10	18,7	HE100	202 K 132	222 K 132
08	12,70	20,3	HE200	202 K 132	222 K 132
09	14,27	21,9	HE200	202 K 142	222 K 142
10	15,88	23,5	HE200	202 K 142	222 K 142
11	17,47	25,1	HE200	202 K 142	222 K 142
12	19,05	26,7	HE300	202 K 142	222 K 142
13	20,62	28,3	HE300	202 K 153	222 K 152
14	22,23	29,9	HE300	202 K 153	222 K 152
15	23,82	31,5	HE300	202 K 153	222 K 152
16	25,40	33,1	HE300	202 K 153	222 K 152
17	27,00	34,7	HE400	202 K 163	222 K 163
18	28,60	36,3	HE400	202 K 163	222 K 163
19	30,20	37,9	HE400	202 K 163	222 K 163
20	31,80	39,5	HE400	202 K 163	222 K 163
21	33,38	41,1	HE400	202 K 174	222 K 174
22	35,00	42,7	HE400	202 K 174	222 K 174
23	36,58	44,3	HE400	202 K 174	222 K 174
24	38,10	45,9	HE400	202 K 174	222 K 174

All dimensions are in millimeters (mm).

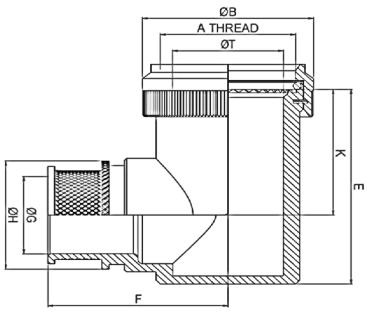
TABLE-5 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

TABLE-6 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL, ALUMINUM, BRONZE SERIES

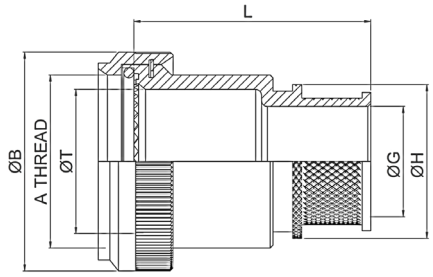
ATX76-SPIN COUPLING SHIELDED BACKSHELL



45 °



90 °



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	ENTRY SIZE	PLATING	MATERIAL	MODIFICATION
ATX	76	00	16	10	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6	SEE TABLE-7

TABLE-1 (SERIES FOR)
MIL-DTL-26482 SERIES I
PATT 105
PATT 603

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX76 / SHELL SIZE									
SHELL SIZE	A THREAD	ØB MAX	ØT MIN	C MAX	D MAX	E MAX	F MAX	K ±0,5	L MAX
08	0.437-28 UNEF	18,0	6,7	24,3	25,6	30,6	30,4	23,0	36,0
10	0.562-24 UNEF	21,0	10,1	25,1	26,8	34,1	32,1	24,5	36,0
12	0.687-24 UNEF	24,4	13,0	25,5	27,2	37,1	33,6	25,5	36,0
14	0.812-20 UNEF	27,7	16,1	26,4	28,1	40,1	35,1	27,5	36,0
16	0.937-20 UNEF	30,7	19,2	27,1	29,0	43,6	36,8	29,5	36,0
18	1.062-18 UNEF	34,0	22,2	27,5	29,2	47,6	38,4	30,5	36,0
20	1.187-18 UNEF	37,2	25,7	28,3	30,0	50,1	41,0	33,0	36,0
22	1.312-18 UNEF	41,0	28,2	28,7	30,4	53,1	41,5	33,5	36,0
24	1.437-18 UNEF	43,6	31,4	29,6	31,3	56,1	43,1	35,5	36,0

All dimensions are in millimeters (mm).

ATX76-SPIN COUPLING SHIELDED BACKSHELL

TABLE-4 / ATX76 / ENTRY SIZE					
ENTRY SIZE	ØG MIN	ØH MAX	SPRING REF.	BOOT SIZE	
				STRAIGHT	90°
03	4,6	13,8	HE050	202 K 121	222 K 121
04	6,2	13,8	HE050	202 K 121	222 K 121
05	7,8	15,4	HE100	202 K 121	222 K 121
06	9,4	17,1	HE100	202 K 132	222 K 132
07	11,0	18,6	HE100	202 K 132	222 K 132
08	12,6	20,2	HE200	202 K 132	222 K 132
09	14,1	21,8	HE200	202 K 142	222 K 142
10	15,7	23,4	HE200	202 K 142	222 K 142
11	17,3	25,0	HE200	202 K 142	222 K 142
12	19,0	26,6	HE300	202 K 142	222 K 142
13	20,5	28,2	HE300	202 K 153	222 K 152
14	22,1	29,8	HE300	202 K 153	222 K 152
15	23,7	31,4	HE300	202 K 153	222 K 152
16	25,4	33,0	HE300	202 K 153	222 K 152
17	27,0	34,6	HE400	202 K 163	222 K 163
18	28,5	36,2	HE400	202 K 163	222 K 163
19	30,1	37,9	HE400	202 K 163	222 K 163
20	31,7	39,4	HE400	202 K 163	222 K 163
21	33,2	41,0	HE400	202 K 174	222 K 174
22	35,0	42,6	HE400	202 K 174	222 K 174
23	36,4	44,2	HE400	202 K 174	222 K 174
24	38,0	45,8	HE400	202 K 174	222 K 174

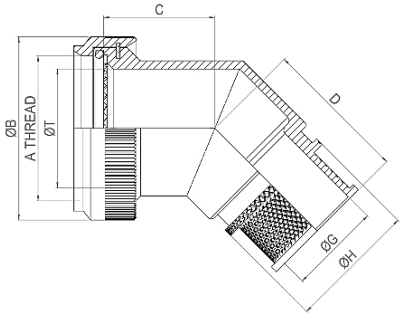
All dimensions are in millimeters (mm).

TABLE-5 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

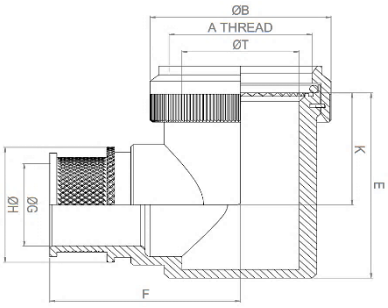
TABLE-6 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-7 / ADDITION CODE	
CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL
D	DOUBLE SHIELDED

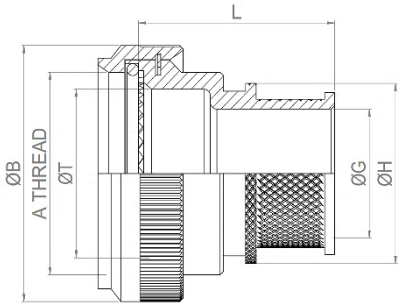
ATX82-SPIN COUPLING SHIELDED BACKSHELL



45 °



90 °



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	ENTRY SIZE	PLATING	MATERIAL	MODIFICATION
ATX	82	00	16	10	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6	SEE TABLE-7

TABLE-1 (SERIES FOR)	
MIL-DTL-26482 SERIES II	MIL-DTL-5015 CRIMP
AS81703 SERIES III	MIL-DTL-83723 SERIES I & III

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX82 / SHELL SIZE

SHELL SIZE			A THREAD	ØB MAX	ØT MIN	C MAX	D MAX	E MAX	F MAX	K ±0,5	L MAX
MIL-DTL-5015 Crimp	MIL-C-81703 Series III	MIL-DTL-26482 Series II									
-	3	-	0.562-24 UNEF	17,0	6,6	16,7	26,5	26,5	29,3	17,7	28,0
8 & 8S	-	8	0.500-20 UNF	15,5	6,4	16,5	26,3	24,6	30,4	17,4	28,0
10, 10S & 10SL	-	10	0.625-24 UNEF	18,5	9,1	16,7	26,1	26,6	32,1	17,7	28,0
12 & 12S	7	12	0.750-20 UNEF	21,6	12,6	17,2	26,0	29,1	32,0	18,6	28,0
14 & 14S	12	14	0.875-20 UNEF	24,8	14,5	18,0	27,8	30,6	33,5	19,0	28,0
16 & 16S	19	16	1.000-20 UNEF	28,1	17,6	19,0	28,1	34,1	36,8	21,0	28,0
18	27	18	1.062-18 UNEF	30,8	19,6	19,1	29,0	37,1	36,8	23,4	28,0
20	37	20	1.187-18 UNEF	34,0	22,8	20,0	29,2	42,1	38,4	27,0	28,0
22	-	22	1.312-18 UNEF	37,2	26,0	20,2	29,5	44,1	40,0	27,0	28,0
24	-	24	1.437-18 UNEF	40,3	29,0	21,7	31,4	45,1	41,7	27,0	28,0
28	-	-	1.750 UNS	50,0	34,8	23,2	32,0	54,3	45,5	31,3	28,0
32	-	-	2.000-18 UNS	56,2	41,1	25,0	33,6	62,4	48,0	36,3	40,0
36	-	-	2.250-16 UN	62,6	46,6	26,1	34,8	67,3	51,7	38,0	50,0
40	-	-	2.500-16 UN	69,0	52,0	28,5	36,1	73,3	54,7	41,0	50,0
44	-	-	2.750-16 UN	75,3	58,5	30,0	37,7	79,6	58,0	44,1	60,0
48	-	-	3.000-16 UN	81,6	65,0	31,2	39,0	86,0	61,0	47,1	60,0
-	61	-	1.500-18 UNEF	42,0	30,0	22,0	31,3	48,0	52,0	28,0	28,0

All dimensions are in millimeters (mm).

ATX82-SPIN COUPLING SHIELDED BACKSHELL

TABLE-4 / ATX82 / ENTRY SIZE					
ENTRY SIZE	ØG MIN	ØH MAX	SPRING REF.	BOOT SIZE	
				STRAIGHT	90°
03	4,6	13,8	HE050	202 K 121	222 K 121
04	6,2	13,8	HE050	202 K 121	222 K 121
05	7,8	15,4	HE100	202 K 121	222 K 121
06	9,4	17,1	HE100	202 K 132	222 K 132
07	11,0	18,6	HE100	202 K 132	222 K 132
08	12,6	20,2	HE200	202 K 132	222 K 132
09	14,1	21,8	HE200	202 K 142	222 K 142
10	15,7	23,4	HE200	202 K 142	222 K 142
11	17,3	25,0	HE200	202 K 142	222 K 142
12	19,0	26,6	HE300	202 K 142	222 K 142
13	20,5	28,2	HE300	202 K 153	222 K 152
14	22,1	29,8	HE300	202 K 153	222 K 152
15	23,7	31,4	HE300	202 K 153	222 K 152
16	25,4	33,0	HE300	202 K 153	222 K 152
17	27,0	34,6	HE400	202 K 163	222 K 163
18	28,5	36,2	HE400	202 K 163	222 K 163
19	30,1	37,9	HE400	202 K 163	222 K 163
20	31,7	39,4	HE400	202 K 163	222 K 163
21	33,2	41,0	HE400	202 K 174	222 K 174
22	35,0	42,6	HE400	202 K 174	222 K 174
23	36,4	44,2	HE400	202 K 174	222 K 174
24	38,0	45,8	HE400	202 K 174	222 K 174

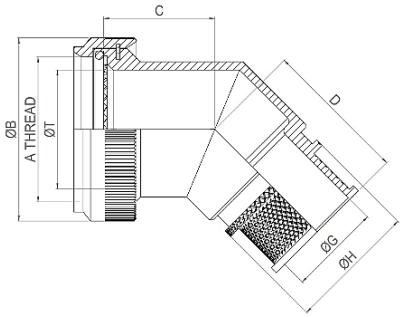
All dimensions are in millimeters (mm).

TABLE-5 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

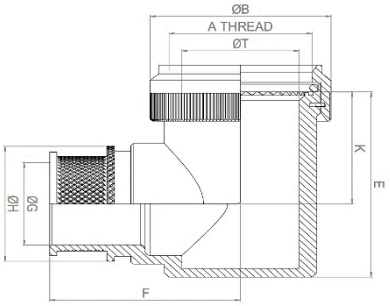
TABLE-6 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-7 / ADDITION CODE	
CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL
D	DOUBLE SHIELDED

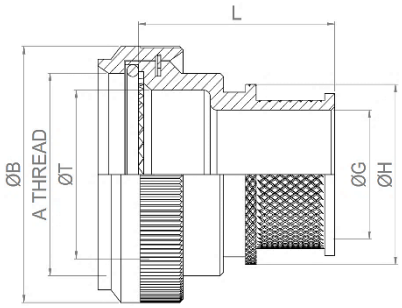
ATX85-SPIN COUPLING SHIELDED BACKSHELL



45 °



90 °



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	ENTRY SIZE	PLATING	MATERIAL	MODIFICATION
ATX	85	00	17	10	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6	SEE TABLE-7

TABLE-1 (SERIES FOR)
MIL-DTL-38999 SERIES I & II
MIL-DTL-27599

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX85 / SHELL SIZE										
SHELL SIZE		A	ØB	ØT	C	D	E	F	K	L
Series I	Series II	THREAD	MAX	MIN	MAX	MAX	MAX	MAX	±0,5	MAX
09	08	0.437-28 UNEF	18,0	6,7	16,3	25,6	22,6	30,4	15,0	28,0
11	10	0.562-24 UNEF	21,0	10,1	17,1	26,8	26,1	32,1	16,5	28,0
13	12	0.687-24 UNEF	24,4	13,0	17,5	27,2	29,1	33,6	17,5	28,0
15	14	0.812-20 UNEF	27,7	16,1	18,4	28,1	32,1	35,1	19,5	28,0
17	16	0.937-20 UNEF	30,7	19,2	19,1	29,0	35,6	36,8	21,5	28,0
19	18	1.062-18 UNEF	34,0	22,2	19,5	29,2	39,6	38,4	22,5	28,0
21	20	1.187-18 UNEF	37,2	25,7	20,3	30,0	42,1	41,0	25,0	28,0
23	22	1.312-18 UNEF	41,0	28,2	20,7	30,4	45,1	41,5	25,5	28,0
25	24	1.437-18 UNEF	43,6	31,4	21,6	31,3	48,1	43,1	27,5	28,0

All dimensions are in millimeters (mm).

ATX85-SPIN COUPLING SHIELDED BACKSHELL

TABLE-4 / ATX85 / ENTRY SIZE					
ENTRY SIZE	ØG MIN	ØH MAX	SPRING REF.	BOOT SIZE	
				STRAIGHT	90°
03	4,6	13,8	HE050	202 K 121	222 K 121
04	6,2	13,8	HE050	202 K 121	222 K 121
05	7,8	15,4	HE100	202 K 121	222 K 121
06	9,4	17,1	HE100	202 K 132	222 K 132
07	11,0	18,6	HE100	202 K 132	222 K 132
08	12,6	20,2	HE200	202 K 132	222 K 132
09	14,1	21,8	HE200	202 K 142	222 K 142
10	15,7	23,4	HE200	202 K 142	222 K 142
11	17,3	25,0	HE200	202 K 142	222 K 142
12	19,0	26,6	HE300	202 K 142	222 K 142
13	20,5	28,2	HE300	202 K 153	222 K 152
14	22,1	29,8	HE300	202 K 153	222 K 152
15	23,7	31,4	HE300	202 K 153	222 K 152
16	25,4	33,0	HE300	202 K 153	222 K 152
17	27,0	34,6	HE400	202 K 163	222 K 163
18	28,5	36,2	HE400	202 K 163	222 K 163
19	30,1	37,9	HE400	202 K 163	222 K 163
20	31,7	39,4	HE400	202 K 163	222 K 163
21	33,2	41,0	HE400	202 K 174	222 K 174
22	35,0	42,6	HE400	202 K 174	222 K 174
23	36,4	44,2	HE400	202 K 174	222 K 174
24	38,0	45,8	HE400	202 K 174	222 K 174

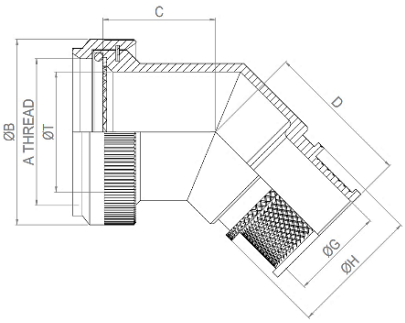
All dimensions are in millimeters (mm).

TABLE-5 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

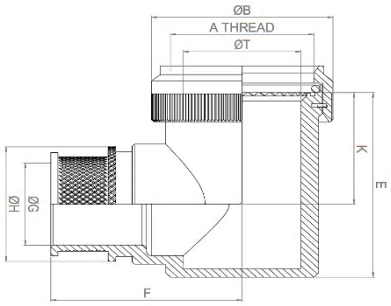
TABLE-6 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-7 / ADDITION CODE	
CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL
D	DOUBLE SHIELDED

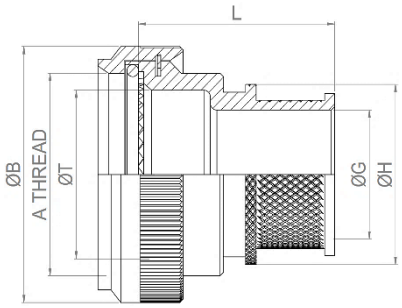
ATX88-SPIN COUPLING SHIELDED BACKSHELL



45 °



90 °



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	ENTRY SIZE	PLATING	MATERIAL	MODIFICATION
ATX	88	00	17	10	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6	SEE TABLE-7

TABLE-1 (SERIES FOR)
MIL-DTL-38999 SERIES III & IV
EN3645

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX88 / SHELL SIZE									
SHELL SIZE	A THREAD	ØB MAX	ØT MIN	C MAX	D MAX	E MAX	F MAX	K ±0,5	L MAX
9 / A	M12 x 1,0	18,0	6,6	13,0	25,6	25,6	30,4	17,4	28,0
11 / B	M15 x 1,0	21,0	10,1	13,8	26,8	26,6	32,1	17,4	28,0
13 / C	M18 x 1,0	24,4	13,4	14,4	27,2	31,1	33,6	20,0	28,0
15 / D	M22 x 1,0	28,5	16,1	15,4	28,1	37,1	35,1	24,5	28,0
17 / E	M25 x 1,0	32,4	19,3	16,0	29,0	40,1	36,8	26,6	28,0
19 / F	M28 x 1,0	35,4	21,7	16,7	29,2	44,6	38,4	27,0	28,0
21 / G	M31 x 1,0	37,0	25,1	17,0	30,0	49,1	40,0	30,3	28,0
23 / H	M34 x 1,0	39,8	28,1	17,6	30,4	51,6	41,5	31,4	28,0
25 / J	M37 x 1,0	43,4	31,3	18,3	31,3	53,1	43,1	28,4	28,0

All dimensions are in millimeters (mm).

ATX88-SPIN COUPLING SHIELDED BACKSHELL

TABLE-4 / ATX88 / ENTRY SIZE					
ENTRY SIZE	ØG MIN	ØH MAX	SPRING REF.	BOOT SIZE	
				STRAIGHT	90°
03	4,6	13,8	HE050	202 K 121	222 K 121
04	6,2	13,8	HE050	202 K 121	222 K 121
05	7,8	15,4	HE100	202 K 121	222 K 121
06	9,4	17,1	HE100	202 K 132	222 K 132
07	11,0	18,6	HE100	202 K 132	222 K 132
08	12,6	20,2	HE200	202 K 132	222 K 132
09	14,1	21,8	HE200	202 K 142	222 K 142
10	15,7	23,4	HE200	202 K 142	222 K 142
11	17,3	25,0	HE200	202 K 142	222 K 142
12	19,0	26,6	HE300	202 K 142	222 K 142
13	20,5	28,2	HE300	202 K 153	222 K 152
14	22,1	29,8	HE300	202 K 153	222 K 152
15	23,7	31,4	HE300	202 K 153	222 K 152
16	25,4	33,0	HE300	202 K 153	222 K 152
17	27,0	34,6	HE400	202 K 163	222 K 163
18	28,5	36,2	HE400	202 K 163	222 K 163
19	30,1	37,9	HE400	202 K 163	222 K 163
20	31,7	39,4	HE400	202 K 163	222 K 163
21	33,2	41,0	HE400	202 K 174	222 K 174
22	35,0	42,6	HE400	202 K 174	222 K 174
23	36,4	44,2	HE400	202 K 174	222 K 174
24	38,0	45,8	HE400	202 K 174	222 K 174

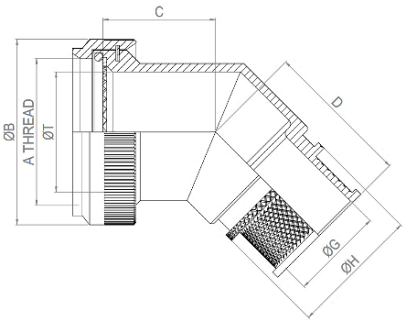
All dimensions are in millimeters (mm).

TABLE-5 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

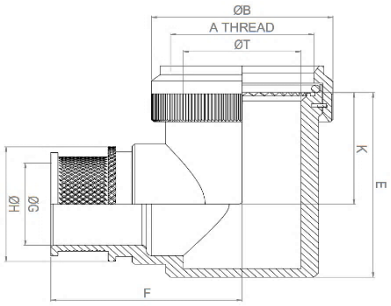
TABLE-6 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-7 / ADDITION CODE	
CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL
D	DOUBLE SHIELDED

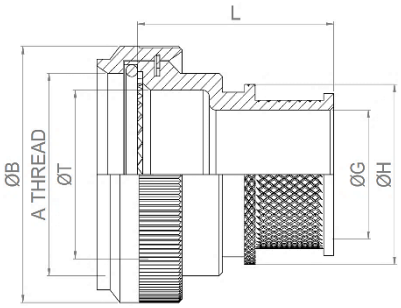
ATX96-SPIN COUPLING SHIELDED BACKSHELL



45 °



90 °



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	ENTRY SIZE	PLATING	MATERIAL	MODIFICATION
ATX	96	00	14	08	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6	SEE TABLE-7

TABLE-1 (SERIES FOR)
VG96912 SERIES I
AMPHENOL SJT SERIES

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX96 / SHELL SIZE

ORDER NUMBER	SHELL SIZE				A THREAD	ØB MAX	ØT MIN	C MAX	D MAX	E MAX	F MAX	K ±0,5	L MAX
	SJT 00 SJT 06		SJT 07	VG96912 Style B									
	VG96912 Style A, E, D												
8	8		-		0.437-28UNEF	18,3	6,6	13,0	25,6	25,6	30,4	17,4	28,0
10	10		8		0.562-24UNEF	21,5	10,1	13,8	26,8	26,6	32,1	17,4	28,0
12	12		10		0.687-24UNEF	24,5	13,4	14,4	27,2	31,1	33,6	20,0	28,0
14	14		12		0.812-20UNEF	27,8	16,1	15,4	28,1	37,1	35,1	24,5	28,0
16	16		14		0.937-20UNEF	30,8	19,3	16,0	29,0	40,1	36,8	26,6	28,0
18	18		16		1.062-18UNEF	34,1	21,7	16,7	29,2	44,6	38,4	27,0	28,0
20	20		18		1.187-18UNEF	37,3	25,1	17,0	30,0	49,1	40,0	30,3	28,0
22	22		20		1.312-18UNEF	40,5	28,1	17,6	30,4	51,6	41,5	31,4	28,0
24	24		22		1.437-18UNEF	43,7	31,3	18,3	31,3	53,1	43,1	28,4	28,0

All dimensions are in millimeters (mm).

ATX96-SPIN COUPLING SHIELDED BACKSHELL

TABLE-4 / ATX96 / ENTRY SIZE					
ENTRY SIZE	ØG MIN	ØH MAX	SPRING REF.	BOOT SIZE	
				STRAIGHT	90°
03	4,6	13,8	HE050	202 K 121	222 K 121
04	6,2	13,8	HE050	202 K 121	222 K 121
05	7,8	15,4	HE100	202 K 121	222 K 121
06	9,4	17,1	HE100	202 K 132	222 K 132
07	11,0	18,6	HE100	202 K 132	222 K 132
08	12,6	20,2	HE200	202 K 132	222 K 132
09	14,1	21,8	HE200	202 K 142	222 K 142
10	15,7	23,4	HE200	202 K 142	222 K 142
11	17,3	25,0	HE200	202 K 142	222 K 142
12	19,0	26,6	HE300	202 K 142	222 K 142
13	20,5	28,2	HE300	202 K 153	222 K 152
14	22,1	29,8	HE300	202 K 153	222 K 152
15	23,7	31,4	HE300	202 K 153	222 K 152
16	25,4	33,0	HE300	202 K 153	222 K 152
17	27,0	34,6	HE400	202 K 163	222 K 163
18	28,5	36,2	HE400	202 K 163	222 K 163
19	30,1	37,9	HE400	202 K 163	222 K 163
20	31,7	39,4	HE400	202 K 163	222 K 163
21	33,2	41,0	HE400	202 K 174	222 K 174
22	35,0	42,6	HE400	202 K 174	222 K 174
23	36,4	44,2	HE400	202 K 174	222 K 174
24	38,0	45,8	HE400	202 K 174	222 K 174

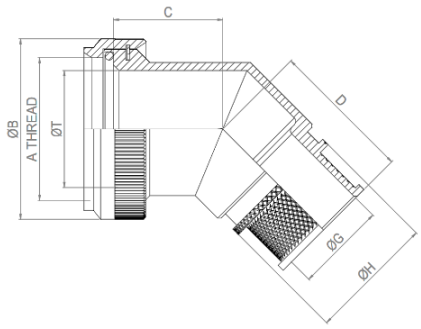
All dimensions are in millimeters (mm).

TABLE-5 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

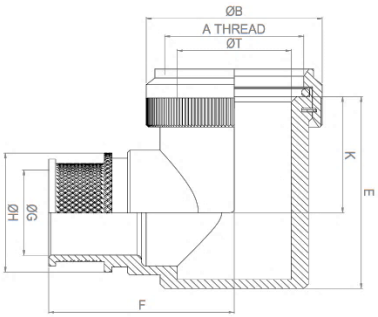
TABLE-6 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-7 / ADDITION CODE	
CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL
D	DOUBLE SHIELDED

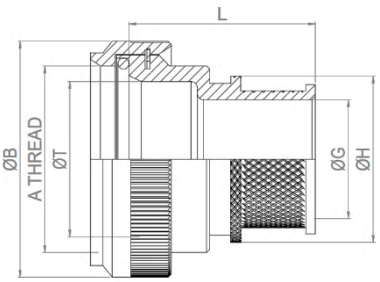
ATX5015-SPIN COUPLING SHIELDED BACKSHELL



45°



90°



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	MANUFACTURER CODE	ANGLE	SHELL SIZE	ENTRY SIZE	PLATING	MATERIAL	MODIFICATION
ATX	5015	C	00	20	12	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6	SEE TABLE-7	SEE TABLE-8

TABLE-1 (SERIES FOR)
MIL-DTL-5015 (MS3100)

TABLE-3 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-2 / MANUFACTURER	
MANUFACTURER CODE	CONNECTOR MANUFACTURER
A	AMPHENOL-Class A
B	BENDIX-Class A/E/R
C	CANNON-Class A/E/R
D	UNKOWN-Class A/E/R
R	AMPHENOL-Class R
-	Manufacturer code not required

TABLE-4 / ATX5015 / SHELL SIZE											
ORDER NUMBER	SHELL SIZE	MANUFACTURER CODE	A THREAD	ØB MAX	ØT MIN	C ±0,5	D MAX	E MAX	F MAX	K ±0,5	L MAX
08	8S	B	0.375-37 UNEF	18,0	7,9	15,0	25,3	22,2	30,2	15,2	18,0
08	8S	C	0.437-28 UNEF	18,0	7,9	15,0	25,3	22,2	30,2	15,2	18,0
08	8S	A, R	0.437-27 UNS	18,0	7,9	15,0	25,3	22,2	30,2	15,2	18,0
08	8S	D	*	18,0	7,9	15,0	25,3	22,2	30,2	15,2	18,0
10	10S	-	0.500-28 UNEF	19,5	9,4	15,4	25,6	23,7	32,2	15,7	19,5
10SL	10SL	C	0.562-24 UNEF	23,0	12,7	18,4	26,4	27,7	33,7	17,5	23,0
10SL	10SL	A, B, R	0.625-24 UNEF	23,0	12,7	18,4	26,4	27,7	33,7	17,5	23,0
10SL	10SL	D	*	23,0	12,7	18,4	26,4	27,7	33,7	17,5	23,0
12	12 & 12S	B, C	0.625-24 UNEF	23,0	12,7	18,4	26,4	27,7	33,7	17,5	23,0
12	12 & 12S	A, R	0.687-24 UNEF	23,0	12,7	18,4	26,4	27,7	33,7	17,5	23,0
12	12 & 12S	D	*	23,0	12,7	18,4	26,4	27,7	33,7	17,5	23,0
14	14 & 14S	-	0.750-20 UNEF	26,0	15,9	19,3	27,3	31,2	35,2	19,5	26,0
16	16 & 16S	-	0.875-20 UNEF	30,5	18,9	20,0	28,0	34,7	36,9	21,5	30,5
18	18	-	1.000-20 UNEF	34,0	20,6	20,6	28,6	37,7	38,5	23,0	34,0
20	20	A, B, C	1.125-18 UNEF	37,0	25,3	21,3	29,3	41,2	41,1	24,5	37,0
20	20	R	1.125-24 UNS	37,0	25,3	21,3	29,3	41,2	41,1	24,5	37,0
20	20	D	*	37,0	25,3	21,3	29,3	41,2	41,1	24,5	37,0
22	22	-	1.250-18 UNEF	40,0	28,4	21,9	29,9	44,2	41,6	26,0	40,0
24	24	-	1.375-18 UNEF	43,5	31,7	22,5	30,6	47,2	43,1	27,5	43,5
28	28	-	1.625-18 UNEF	50,0	34,9	23,6	31,3	52,2	45,5	30,0	50,0
32	32	B, C	1.875-16 UN	56,0	41,4	24,9	32,7	58,9	48,0	32,7	56,0
32	32	A, R	1.906-18 UN	56,0	41,4	24,9	32,7	58,9	48,0	32,7	56,0
32	32	D	*	56,0	41,4	24,9	32,7	58,9	48,0	32,7	56,0
36	36	B	2.062-16 UNS	64,0	47,9	27,5	33,7	68,2	-	38,0	64,0
36	36	R	2.062-20 UNS	64,0	47,9	27,5	33,7	68,2	-	38,0	64,0
36	36	C	2.125-16 UN	64,0	47,9	27,5	33,7	68,2	-	38,0	64,0
36	36	A	2.125-18 UNS	64,0	47,9	27,5	33,7	68,2	-	38,0	64,0
36	36	D	*	64,0	47,9	27,5	33,7	68,2	-	38,0	64,0
40	40	B	2.312-16 UNS	69,5	53,9	30,1	-	72,7	-	41,1	69,5
40	40	A, C, R	2.375-16 UN	69,5	53,9	30,1	-	72,7	-	41,1	69,5
40	40	D	*	69,5	53,9	30,1	-	72,7	-	41,1	69,5

1) All dimensions are in millimeters (mm).

2) **Manufacturer code D** (*)
Additional pieces supplied when manufacturer is unknown. All thread sizes for order number apply.

ATX5015-SPIN COUPLING SHIELDED BACKSHELL

TABLE-5 / ATX5015 / ENTRY SIZE					
ENTRY SIZE	ØG MIN	ØH MAX	SPRING REF.	BOOT SIZE	
				STRAIGHT	90°
03	4,77	13,9	HE050	202 K 121	222 K 121
04	6,35	13,9	HE050	202 K 121	222 K 121
05	7,92	15,5	HE100	202 K 121	222 K 121
06	9,52	17,2	HE100	202 K 132	222 K 132
07	11,10	18,7	HE100	202 K 132	222 K 132
08	12,70	20,3	HE200	202 K 132	222 K 132
09	14,27	21,9	HE200	202 K 142	222 K 142
10	15,88	23,5	HE200	202 K 142	222 K 142
11	17,47	25,1	HE200	202 K 142	222 K 142
12	19,05	26,7	HE300	202 K 142	222 K 142
13	20,62	28,3	HE300	202 K 153	222 K 152
14	22,23	29,9	HE300	202 K 153	222 K 152
15	23,82	31,5	HE300	202 K 153	222 K 152
16	25,40	33,1	HE300	202 K 153	222 K 152
17	27,00	34,7	HE400	202 K 163	222 K 163
18	28,60	36,3	HE400	202 K 163	222 K 163
19	30,20	37,9	HE400	202 K 163	222 K 163
20	31,80	39,5	HE400	202 K 163	222 K 163
21	33,38	41,1	HE400	202 K 174	222 K 174
22	35,00	42,7	HE400	202 K 174	222 K 174
23	36,58	44,3	HE400	202 K 174	222 K 174
24	38,10	45,9	HE400	202 K 174	222 K 174

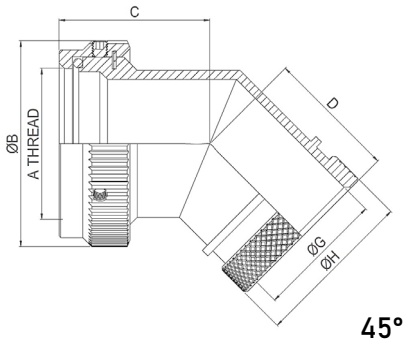
All dimensions are in millimeters (mm).

TABLE-6 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB
ZN	ZINC NICKEL OLIVE DRAB
Z	ZINC NICKEL BLACK

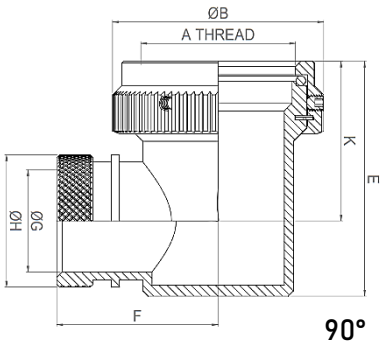
TABLE-7 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-8 / ADDITION CODE	
CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL
D	DOUBLE SHIELDED

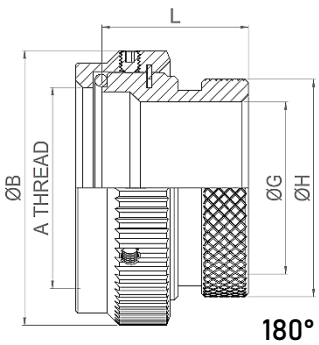
ATX15-SPIN COUPLING UNSHIELDED BACKSHELL



45°



90°



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	15	00	17	B	A	H
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6

TABLE-1 (SERIES FOR)
MIL-DTL-26482 SERIES I

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX15 / SHELL SIZE

SHELL SIZE	A THREAD	ØB MAX	ØG MIN	ØH MAX	C MAX	D MAX	E MAX	F MAX	K MAX	L MAX	BOOT SIZE	
											STRAIGHT	90°
09	0.437-28 UNEF	18,0	6,7	13,4	16,3	17,7	22,6	25,4	15,0	21,0	202 K 121	222 K 121
11	0.562-24 UNEF	21,0	10,1	15,3	17,1	18,5	26,1	27,2	17,0	21,0	202 K 132	222 K 132
13	0.687-24 UNEF	24,4	13,0	19,6	17,5	19,2	29,1	28,6	18,0	21,0	202 K 132	222 K 132
15	0.812-20 UNEF	27,0	16,1	21,2	18,4	19,5	32,1	30,1	20,0	21,0	202 K 142	222 K 142
17	0.937-20 UNEF	30,7	19,2	24,4	19,1	20,4	35,6	31,9	21,4	21,0	202 K 142	222 K 142
19	1.062-18 UNEF	34,0	22,2	26,4	19,5	20,7	39,7	33,4	23,0	21,0	202 K 153	222 K 152
21	1.187-18 UNEF	37,2	25,7	31,0	20,3	21,5	42,1	35,1	25,0	21,0	202 K 153	222 K 152
23	1.312-18 UNEF	41,0	28,2	34,3	20,7	22,4	45,1	36,7	26,0	21,0	202 K 163	222 K 163
25	1.437-18 UNEF	43,6	31,4	36,5	21,6	22,8	48,1	38,0	28,0	21,0	202 K 163	222 K 163

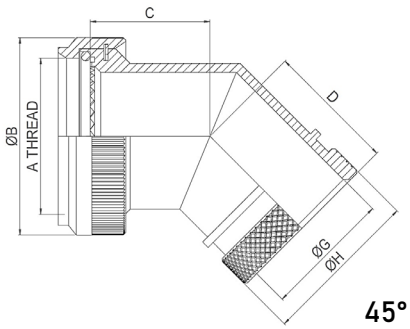
All dimensions are in millimeters (mm).

TABLE-4 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

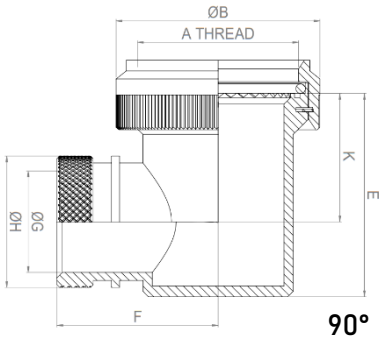
TABLE-5 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL, ALUMINUM, BRONZE SERIES

TABLE-6 / ADDITION CODE	
CODE	EXPLANATION
H	HEXAGONAL

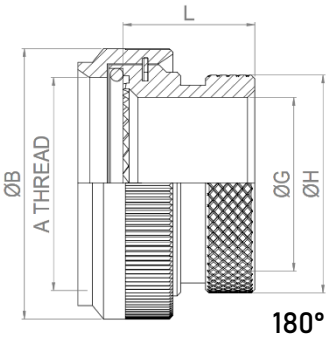
ATX60-SPIN COUPLING UNSHIELDED BACKSHELL



45°



90°



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	60	00	16	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6

TABLE-1 (SERIES FOR)

MIL-DTL-26482 SERIES II	MIL-DTL-5015 CRIMP
AS81703 SERIES III	MIL-DTL-83723 SERIES I & III

TABLE-2 / ANGLES

CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX60 / SHELL SIZE

SHELL SIZE			A THREAD	ØB MAX	ØG MIN	ØH MAX	C MAX	D MAX	E MAX	F MAX	K MAX	L MAX	BOOT SIZE	
MIL-DTL-5015 Crimp	MIL-C-81703 Series III	MIL-DTL-26482 Series II											STRAIGHT	90°
-	3	-	0.562-24 UNEF	17,0	6,5	13,8	16,4	18,0	26,5	26,0	17,9	21,0	202 K 121	222 K 121
8 & 8S	-	8	0.500-20 UNEF	15,5	6,5	13,8	16,2	17,8	24,6	25,6	17,6	21,0	202 K 121	222 K 121
10, 10S & 10SL	-	10	0.625-24 UNEF	18,7	9,2	15,4	16,4	18,6	26,6	27,3	17,9	21,0	202 K 132	222 K 132
12 & 12S	7	12	0.750-20 UNEF	21,8	12,7	19,7	16,9	19,0	29,1	28,8	18,9	21,0	202 K 132	222 K 132
14 & 14S	12	14	0.875-20 UNEF	25,0	14,6	21,3	17,7	19,3	30,6	30,3	19,2	21,0	202 K 142	222 K 142
16 & 16S	19	16	1.000-20 UNEF	28,3	17,7	24,5	18,6	20,1	34,1	30,3	21,2	21,0	202 K 142	222 K 142
18	27	18	1.062-18 UNEF	30,8	19,7	26,5	18,8	20,9	37,1	32,0	23,6	21,0	202 K 153	222 K 152
20	37	20	1.187-18 UNEF	34,1	22,9	30,9	19,7	21,2	42,1	33,6	27,0	21,0	202 K 153	222 K 152
22	-	22	1.312-18 UNEF	37,2	26,1	34,4	19,9	22,0	44,1	35,0	27,0	21,0	202 K 163	222 K 163
24	-	24	1.437-18 UNEF	40,3	29,0	36,7	21,4	22,4	45,1	36,7	27,0	21,0	202 K 163	222 K 163
28	-	-	1.750-18 UNS	50,1	35,0	43,4	22,9	23,4	54,4	41,4	31,5	21,0	202 K 174	222 K 174
32	-	-	2.000-18 UNS	56,4	41,2	48,7	24,6	25,1	62,6	44,7	36,5	25,0	202 K 174	222 K 174
36	-	-	2.250-16 UN	62,9	46,7	55,0	25,8	26,3	67,4	47,9	38,2	25,0	202 K 185	222 K 185
40	-	-	2.500-16 UN	69,1	52,1	61,0	28,2	27,5	73,3	50,9	42,6	25,0	202 K 185	222 K 185
44	-	-	2.750-16 UN	75,4	58,6	67,5	29,7	29,2	79,6	54,1	-	25,0	202 A 196	222 A 196
48	-	-	3.000-16 UN	81,6	65,0	73,8	30,9	30,4	86,0	57,0	-	25,0	202 A 196	222 A 196
-	61	-	1.500-18 UNEF	42,1	30,0	38,7	22,2	22,8	48,0	38,2	28,2	21,0	202 K 163	222 K 163

All dimensions are in millimeters (mm).

TABLE-4 / SURFACE PLATING CODES

CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

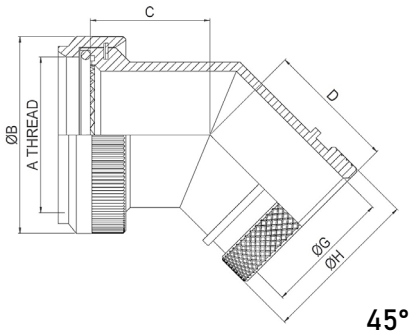
TABLE-5 / MATERIAL CODES

CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

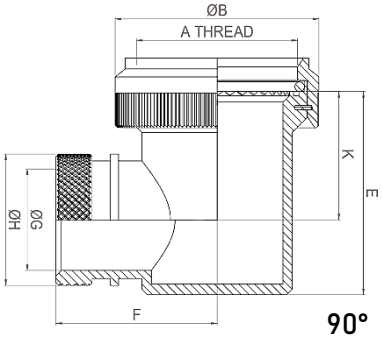
TABLE-6 / ADDITION CODE

CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL

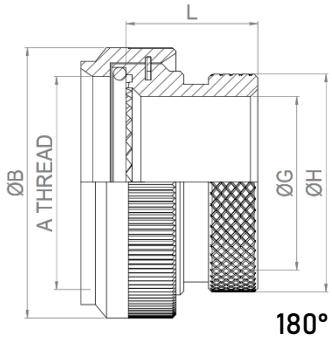
ATX62-SPIN COUPLING UNSHIELDED BACKSHELL



45°



90°



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	62	00	17	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6

TABLE-1 (SERIES FOR)
MIL-DTL-38999 SERIES I & II
MIL-DTL-27599

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX62 / SHELL SIZE

SHELL SIZE		A THREAD	ØB MAX	ØG MIN	ØH MAX	C MAX	D MAX	E MAX	F MAX	K MAX	L MAX	BOOT SIZE	
Series I	Series II											STRAIGHT	90°
09	08	0.437-28 UNEF	18,0	6,7	13,4	16,3	17,7	22,6	25,4	15,0	21,0	202 K 121	222 K 121
11	10	0.562-24 UNEF	21,0	10,1	15,3	17,1	18,5	26,1	27,2	17,0	21,0	202 K 132	222 K 132
13	12	0.687-24 UNEF	24,4	13,0	19,6	17,5	19,2	29,1	28,6	18,0	21,0	202 K 142	222 K 142
15	14	0.812-20 UNEF	27,0	16,1	21,2	18,4	19,5	32,1	30,1	20,0	21,0	202 K 142	222 K 142
17	16	0.937-20 UNEF	30,7	19,2	24,4	19,1	20,4	35,6	31,9	21,4	21,0	202 K 153	222 K 152
19	18	1.062-18 UNEF	34,0	22,2	26,4	19,5	20,7	39,7	33,4	23,0	21,0	202 K 153	222 K 152
21	20	1.187-18 UNEF	37,2	25,7	31,0	20,3	21,5	42,1	35,1	25,0	21,0	202 K 153	222 K 152
23	22	1.312-18 UNEF	41,0	28,2	34,3	20,7	22,4	45,1	36,7	26,0	21,0	202 K 163	222 K 163
25	24	1.437-18 UNEF	43,6	31,4	36,5	21,6	22,8	48,1	38,0	28,0	21,0	202 K 163	222 K 163

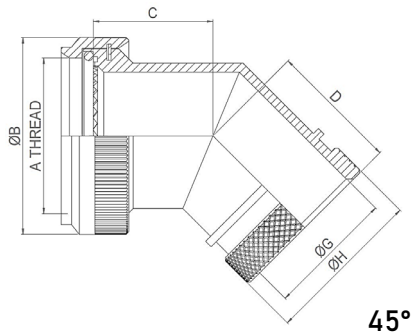
All dimensions are in millimeters (mm).

TABLE-4 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

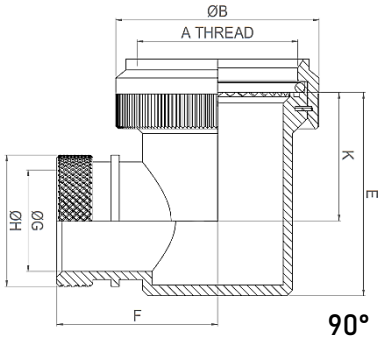
TABLE-5 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL, ALUMINUM, BRONZE SERIES

TABLE-6 / ADDITION CODE	
CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL

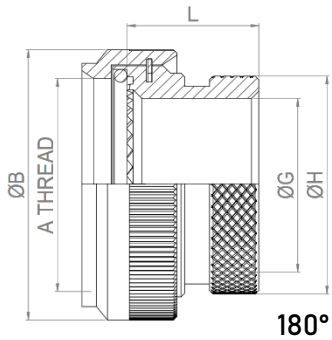
ATX69-SPIN COUPLING UNSHIELDED BACKSHELL



45°



90°



180°

DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	ANGLE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	69	00	17	B	A	S
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6

TABLE-1 (SERIES FOR)
MIL-DTL-38999 SERIES III & IV
EN3645

TABLE-2 / ANGLES	
CODE	DEFINING FEATURE
00	180° CABLE EXIT
45	45° CABLE EXIT
90	90° CABLE EXIT

TABLE-3 / ATX69 / SHELL SIZE												
SHELL SIZE	A THREAD	ØB MAX	ØG MIN	ØH MAX	C MAX	D MAX	E MAX	F MAX	K MAX	L MAX	BOOT SIZE	
											STRAIGHT	90°
9 / A	M12 x 1,0	18,0	6,7	13,4	13,0	17,5	25,6	25,4	17,4	21,0	202 K 121	222 K 121
11 / B	M15 x 1,0	21,0	9,9	15,3	13,8	18,3	26,6	27,2	17,4	21,0	202 K 132	222 K 132
13 / C	M18 x 1,0	24,4	13,5	19,6	14,4	19,3	31,1	28,6	20,0	21,0	202 K 142	222 K 142
15 / D	M22 x 1,0	28,5	15,8	21,2	15,4	19,5	37,1	30,1	24,5	21,0	202 K 142	222 K 142
17 / E	M25 x 1,0	32,0	18,8	24,3	16,0	20,3	40,1	31,9	26,6	21,0	202 K 142	222 K 142
19 / F	M28 x 1,0	35,5	21,8	26,4	16,7	20,7	44,6	33,4	27,0	21,0	202 K 153	222 K 152
21 / G	M31 x 1,0	36,5	25,1	31,0	17,0	21,5	49,1	35,0	30,4	21,0	202 K 153	222 K 152
23 / H	M34 x 1,0	39,5	27,3	34,3	17,6	22,4	51,6	36,6	31,4	21,0	202 K 163	222 K 163
25 / J	M37 x 1,0	43,4	30,3	36,5	18,4	22,8	53,1	38,0	28,4	21,0	202 K 163	222 K 163

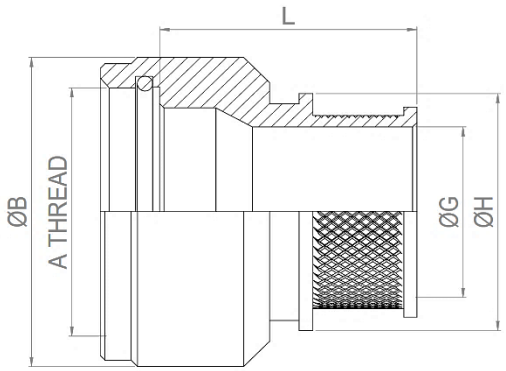
All dimensions are in millimeters (mm).

TABLE-4 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

TABLE-5 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL, ALUMINUM, BRONZE SERIES

TABLE-6 / ADDITION CODE	
CODE	EXPLANATION
S	LOCK WIRE HOLES 3 AT 120° ± 5°
H	HEXAGONAL

ATX10-SOLID (FIXED) BACKSHELL



DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	10	17	B	A	D
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5

TABLE-1 (SERIES FOR)
MIL-DTL-26482 SERIES I

TABLE-2 / ATX10 / SHELL SIZE								
BASE PART NUMBER	SHELL SIZE	A THREAD	ØB MAX	ØG MIN	ØH MAX	L MAX	BOOT SIZE	
							STRAIGHT	90°
ATX10-08	8	0.437-28 UNEF	17,4	6,4	11,1	38	202 K 121	222 K 121
ATX10-10	10	0.562-24 UNEF	20,4	7,9	12,7	38	202 K 121	222 K 121
ATX10-12	12	0.687-24 UNEF	23,4	11,1	15,8	38	202 K 132	222 K 132
ATX10-14	14	0.812-20 UNEF	25,4	14,3	18,5	38	202 K 142	222 K 142
ATX10-16	16	0.937-20 UNEF	30,4	15,9	20,6	38	202 K 142	222 K 142
ATX10-18	18	1.062-18 UNEF	33,4	19,1	24	38	202 K 142	222 K 142
ATX10-20	20	1.187-18 UNEF	36,4	20,6	25,2	38	202 K 153	222 K 152
ATX10-22	22	1.312-18 UNEF	40,0	23,8	28,4	38	202 K 153	222 K 152
ATX10-24	24	1.437-18 UNEF	43,0	25,4	30,4	38	202 K 153	222 K 152

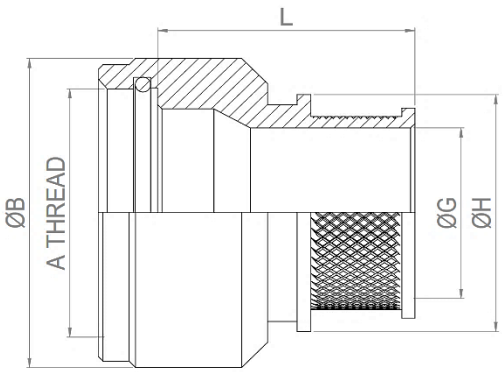
All dimensions are in millimeters (mm).

TABLE-3 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

TABLE-4 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-5 / ADDITION CODE	
CODE	EXPLANATION
H	HEXAGONAL
D	DOUBLE SHIELDED

ATX25-SOLID (FIXED) BACKSHELL



DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	25	16	B	A	D
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5

TABLE-1 (SERIES FOR)	
MIL-DTL-26482 SERIES II	MIL-DTL-5015 CRIMP
AS81703 SERIES III	MIL-DTL-83723 SERIES I & III

TABLE-2 / ATX25 / SHELL SIZE

BASE PART NUMBER	SHELL SIZE			A THREAD	ØB MAX	ØG MIN	ØH MAX	L MAX	BOOT SIZE	
	MIL-DTL-5015 Crimp	MIL-C-81703 Series III	MIL-DTL-26482 Series II						STRAIGHT	90°
ATX25-03	-	3	-	0.562-24 UNEF	18,0	6,4	19,0	38,0	202 K 121	222 K 121
ATX25-08	8 & 8S	-	8	0.500-20 UNF	16,5	6,4	11,1	38,0	202 K 121	222 K 121
ATX25-10	10, 10S & 10SL	-	10	0.625-24 UNEF	19,5	7,9	12,7	38,0	202 K 121	222 K 121
ATX25-12	12 & 12S	7	12	0.750-20 UNEF	22,6	11,1	15,8	38,0	202 K 132	222 K 132
ATX25-14	14 & 14S	12	14	0.875-20 UNEF	25,8	14,3	18,5	38,0	202 K 142	222 K 142
ATX25-16	16 & 16S	19	16	1.000-20 UNEF	29,1	15,9	20,6	38,0	202 K 142	222 K 142
ATX25-18	18	27	18	1.062-18 UNEF	31,4	19,1	24,0	38,0	202 K 142	222 K 142
ATX25-20	20	37	20	1.187-18 UNEF	34,6	20,6	25,2	38,0	202 K 153	222 K 152
ATX25-22	22	-	22	1.312-18 UNEF	36,5	23,8	28,4	38,0	202 K 153	222 K 152
ATX25-24	24	-	24	1.437-18 UNEF	41,0	25,4	30,4	38,0	202 K 153	222 K 152
ATX25-28	28	-	-	1.750-18 UNS	50,0	28,6	33,5	38,0	202 K 163	222 K 163
ATX25-32	32	-	-	2.000-18 UNS	56,3	33,3	37,9	38,0	202 K 174	222 K 174
ATX25-36	36	-	-	2.250-16 UN	62,6	38,5	42,7	38,0	202 K 185	222 K 185
ATX25-40	40	-	-	2.500-16 UN	69,0	52,0	71,3	38,0	202 K 185	222 K 185
ATX25-44	44	-	-	2.750-16 UN	75,3	58,5	77,3	38,0	202 A 196	222 A 196
ATX25-48	48	-	-	3.000-16 UN	81,7	64,8	84,0	38,0	202 A 196	222 A 196
ATX25-61	-	61	-	1.500-18 UNEF	42,0	30,0	44,3	38,0	202 K 163	222 K 163

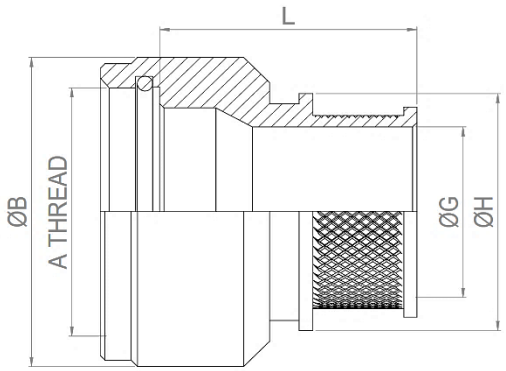
All dimensions are in millimeters (mm).

TABLE-3 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

TABLE-4 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-5 / ADDITION CODE	
CODE	EXPLANATION
H	HEXAGONAL
D	DOUBLE SHIELDED

ATX30-SOLID (FIXED) BACKSHELL



DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	30	17	B	A	D
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5

TABLE-1 (SERIES FOR)
MIL-DTL-38999 SERIES I & II
MIL-DTL-27599

TABLE-2 / ATX30 / SHELL SIZE									
BASE PART NUMBER	SHELL SIZE		A THREAD	ØB MAX	ØG MIN	ØH MAX	L MAX	BOOT SIZE	
	Series I	Series II						STRAIGHT	90°
ATX30-09	9	8	0.437-28 UNEF	17,4	6,4	11,1	38	202 K 121	222 K 121
ATX30-11	11	10	0.562-24 UNEF	20,4	7,9	12,7	38	202 K 121	222 K 121
ATX30-13	13	12	0.687-24 UNEF	23,4	11,1	15,8	38	202 K 132	222 K 132
ATX30-15	15	14	0.812-20 UNEF	25,4	14,3	18,5	38	202 K 142	222 K 142
ATX30-17	17	16	0.937-20 UNEF	30,4	15,9	20,6	38	202 K 142	222 K 142
ATX30-19	19	18	1.062-18 UNEF	33,4	19,1	24	38	202 K 142	222 K 142
ATX30-21	21	20	1.187-18 UNEF	36,4	20,6	25,2	38	202 K 153	222 K 152
ATX30-23	23	22	1.312-18 UNEF	40,0	23,8	28,4	38	202 K 153	222 K 152
ATX30-25	25	24	1.437-18 UNEF	43,0	25,4	30,4	38	202 K 153	222 K 152

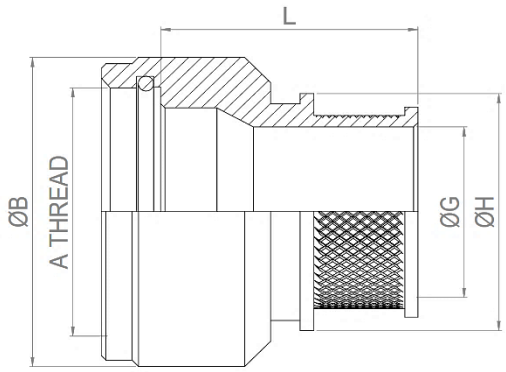
All dimensions are in millimeters (mm).

TABLE-3 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

TABLE-4 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-5 / ADDITION CODE	
CODE	EXPLANATION
H	HEXAGONAL
D	DOUBLE SHIELDED

ATX35-SOLID (FIXED) BACKSHELL



DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	35	17	B	A	D
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5

TABLE-1 (SERIES FOR)
MIL-DTL-38999 SERIES III & IV
EN3645

TABLE-2 / ATX35 / SHELL SIZE

BASE PART NUMBER	SHELL SIZE	A THREAD	ØB MAX	ØG ±0,15	ØH MAX	L MAX	BOOT SIZE	
							STRAIGHT	90°
ATX35-09	9 / A	M12 x 1,0	19	6,4	11,1	38	202 K 121	222 K 121
ATX35-11	11 / B	M15 x 1,0	22,2	7,9	12,7	38	202 K 121	222 K 121
ATX35-13	13 / C	M18 x 1,0	25,4	11,1	15,8	38	202 K 132	222 K 132
ATX35-15	15 / D	M22 x 1,0	30,2	14,3	18,5	38	202 K 142	222 K 142
ATX35-17	17 / E	M25 x 1,0	33,2	15,9	20,6	38	202 K 142	222 K 142
ATX35-19	19 / F	M28 x 1,0	36,4	19,1	24,0	38	202 K 142	222 K 142
ATX35-21	21 / G	M31 x 1,0	38,0	20,6	25,2	38	202 K 153	222 K 152
ATX35-23	23 / H	M34 x 1,0	41,2	23,8	28,4	38	202 K 153	222 K 152
ATX35-25	25 / J	M37 x 1,0	44,4	25,4	30,4	38	202 K 153	222 K 152

All dimensions are in millimeters (mm).

TABLE-3 / SURFACE PLATING CODES

CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

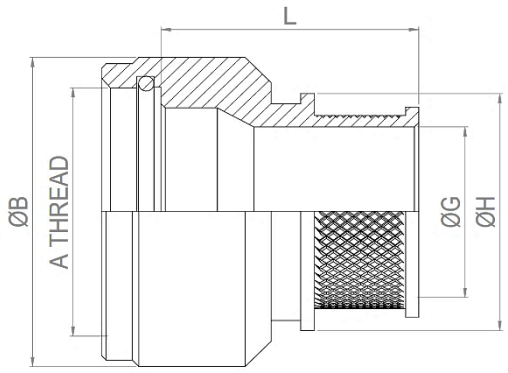
TABLE-4 / MATERIAL CODES

CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-5 / ADDITION CODE

CODE	EXPLANATION
H	HEXAGONAL
D	DOUBLE SHIELDED

ATX50-SOLID (FIXED) BACKSHELL



DESCRIPTION OF THE PART NUMBER

BASIC SERIES	CONNECTOR INTERFACE	MANUFACTURER CODE	SHELL SIZE	PLATING	MATERIAL	MODIFICATION
ATX	50	C	20	B	A	D
BASIC CODE	SEE TABLE-1	SEE TABLE-2	SEE TABLE-3	SEE TABLE-4	SEE TABLE-5	SEE TABLE-6

TABLE-1 (SERIES FOR)
MIL-DTL-5015 (MS3100)

TABLE-2 / MANUFACTURER	
MANUFACTURER CODE	CONNECTOR MANUFACTURER
A	AMPHENOL-Class A
B	BENDIX-Class A/E/R
C	CANNON-Class A/E/R
D	UNKOWN-Class A/E/R
R	AMPHENOL-Class R
-	Manufacturer code not required

TABLE-4 / SURFACE PLATING CODES	
CODE	PLATING
C	ELECTROLESS NICKEL
A	BLACK ANODIZE
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL OLIVE DRAB OVER ELECTROLESS NICKEL
Z	ZINC NICKEL BLACK OVER ELECTROLESS NICKEL

TABLE-5 / MATERIAL CODES	
CODE	MATERIAL
A	ALUMINUM SERIES
SS	STAINLESS STEEL SERIES (PASSIVATED)
NB	NICKEL ALUMINUM BRONZE SERIES

TABLE-6 / ADDITION CODE	
CODE	EXPLANATION
H	HEXAGONAL
D	DOUBLE SHIELDED

TABLE-3 / ATX50 / SHELL SIZE

ORDER NUMBER	SHELL SIZE	MANUFACTURER CODE	A THREAD	ØB MAX	ØG MIN	ØH MAX	L MAX	BOOT SIZE	
								STRAIGHT	90°
08	8S	B	0.375-37 UNEF	16,5	6,35	13,9	38,0	202 K 121	222 K 121
08	8S	C	0.437-28 UNEF	16,5	6,35	13,9	38,0	202 K 121	222 K 121
08	8S	A, R	0.437-27 UNS	16,5	6,35	13,9	38,0	202 K 121	222 K 121
08	8S	D	*	16,5	6,35	13,9	38,0	202 K 121	222 K 121
10	10S	-	0.500-28 UNEF	19,5	7,7	15,5	38,0	202 K 121	222 K 121
10SL	10SL	C	0.562-24 UNEF	19,5	7,7	15,5	38,0	202 K 121	222 K 121
10SL	10SL	A, B, R	0.625-24 UNEF	19,5	7,7	15,5	38,0	202 K 121	222 K 121
10SL	10SL	D	*	19,5	7,7	15,5	38,0	202 K 121	222 K 121
12	12 & 12S	B, C	0.625-24 UNEF	22,6	9,3	17,2	38,0	202 K 132	222 K 132
12	12 & 12S	A, R	0.687-24 UNEF	22,6	9,3	17,2	38,0	202 K 132	222 K 132
12	12 & 12S	D	*	22,6	9,3	17,2	38,0	202 K 132	222 K 132
14	14 & 14S	-	0.750-20 UNEF	25,8	10,6	18,7	38,0	202 K 132	222 K 132
16	16 & 16S	-	0.875-20 UNEF	29,1	13,5	21,9	38,0	202 K 142	222 K 142
18	18	-	1.000-20 UNEF	31,4	14,6	23,5	38,0	202 K 142	222 K 142
20	20	A, B, C	1.125-18 UNEF	34,6	18,5	26,7	38,0	202 K 142	222 K 142
20	20	R	1.125-24 UNS	34,6	18,5	26,7	38,0	202 K 142	222 K 142
20	20	D	*	34,6	18,5	26,7	38,0	202 K 142	222 K 142
22	22	-	1.250-18 UNEF	36,5	20,8	28,3	38,0	202 K 153	222 K 152
24	24	-	1.375-18 UNEF	41,0	24,6	33,1	38,0	202 K 153	222 K 152
28	28	-	1.625-18 UNEF	50,0	27,0	34,7	38,0	202 K 163	222 K 163
32	32	B, C	1.875-16 UN	56,3	33,3	41,1	38,0	202 K 174	222 K 174
32	32	A, R	1.906-18 UN	56,3	33,3	41,1	38,0	202 K 174	222 K 174
32	32	D	*	56,3	33,3	41,1	38,0	202 K 174	222 K 174
36	36	B	2.062-16 UNS	62,6	38,5	45,9	38,0	202 K 185	222 K 185
36	36	R	2.062-20 UNS	62,6	38,5	45,9	38,0	202 K 185	222 K 185
36	36	C	2.125-16 UN	62,6	38,5	45,9	38,0	202 K 185	222 K 185
36	36	A	2.125-18 UNS	62,6	38,5	45,9	38,0	202 K 185	222 K 185
36	36	D	*	62,6	38,5	45,9	38,0	202 K 185	222 K 185
40	40	B	2.312-16 UNS	69,0	42,0	50,8	38,0	202 K 185	222 K 185
40	40	A, C, R	2.375-16 UN	69,0	42,0	50,8	38,0	202 K 185	222 K 185
40	40	D	*	69,0	42,0	50,8	38,0	202 K 185	222 K 185

1) All dimensions are in millimeters (mm).

2) **Manufacturer code D** (*)
Additional pieces supplied when manufacturer is unknown. All thread sizes for order number apply.

INFORMATION ABOUT ATX ADAPTER FAMILY & CROSS NUMBER

SPIN COUPLING SHIELDED BACKSHELL

SERIES FOR	ATP PART NUMBER	POLAMCO SERIES	TYCO-TXR SERIES	TYCO-M SERIES	MILITARY PART NUMBER
❖ MIL-DTL-26482 Series I	ATX16-00	91K1	TXR21**00	206M0	-
	ATX16-45	91K2	TXR21**45	206M1	-
	ATX16-90	91K3	TXR21**90	206M2	-
❖ MIL-DTL-26482 Series I ❖ PATT 105 ❖ PATT 603	ATX76-00	91D1	TXR76**00	-	-
	ATX76-45	91D2	TXR76**45	-	-
	ATX76-90	91D3	TXR76**90	-	-
❖ MIL-DTL-26482 Series II ❖ MIL-DTL-81703 Series I & II ❖ MIL-DTL-5015 Crimp ❖ MIL-DTL-27599	ATX82-00	91A1	TXR54**00	203M0	M85049/82
	ATX82-45	91A2	TXR54**45	203M1	M85049/83
	ATX82-90	91A3	TXR54**90	203M2	M85049/84
❖ MIL-DTL-38999 Series I & II ❖ MIL-DTL-27599	ATX85-00	91F1	TXR41**00	204M0	M85049/85
	ATX85-45	91F2	TXR41**45	204M1	M85049/86
	ATX85-90	91F3	TXR41**90	204M2	M85049/87
❖ MIL-DTL-38999 Series III & IV ❖ EN3645	ATX88-00	91H1	TXR40**00	208M7	M85049/88
	ATX88-45	91H2	TXR40**45	208M8	M85049/89
	ATX88-90	91H3	TXR40**90	208M9	M85049/90
❖ VG96912 Series I	ATX96-00	-	TXR47**00	-	-
	ATX96-45	-	TXR47**45	-	-
	ATX96-90	-	TXR47**90	-	-
❖ MIL-DTL-5015 (MS3100)	ATX5015-00	91L1	TXR18**00	218M7	-
	ATX5015-45	91L2	TXR18**45	218M8	-
	ATX5015-90	91L3	TXR18**90	218M9	-

SPIN COUPLING UNSHIELDED BACKSHELL

SERIES FOR	ATP PART NUMBER	POLAMCO SERIES	TYCO-TXR SERIES	TYCO-M SERIES	MILITARY PART NUMBER
❖ MIL-DTL-26482 Series I	ATX15	97K1	-	203M9	-
❖ MIL-DTL-26482 Series II ❖ MIL-DTL-81703 Series I & III ❖ MIL-DTL-5015 Crimp ❖ MIL-DTL-83723 Series I & III	ATX60	97A1	-	201M1	M85049/60-1
❖ MIL-DTL-38999 Series I & II ❖ MIL-DTL-27599	ATX62	97F1	-	202M2	M85049/62
❖ MIL-DTL-38999 Series III & IV ❖ EN3645	ATX69	97H1	-	209M4	M85049/69

SOLID (NON SPIN) BACKSHELL

SERIES FOR	ATP PART NUMBER	POLAMCO SERIES	TYCO-TXR SERIES	TYCO-M SERIES	MILITARY PART NUMBER
❖ MIL-DTL-26482 Series I	ATX10	-	-	-	-
❖ MIL-DTL-26482 Series II ❖ MIL-DTL-81703 Series I & III ❖ MIL-DTL-5015 Crimp ❖ MIL-DTL-83723 Series I & II	ATX25	-	-	201M9	-
❖ MIL-DTL-38999 Series I & II ❖ MIL-DTL-27599	ATX30	-	-	202M1	-
❖ MIL-DTL-38999 Series III & IV ❖ EN3645	ATX35	-	-	209M3	-
❖ MIL-DTL-5015 (MS3100)	ATX50	-	-	-	-

ATPDEFENSE

BACKSHELLS

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