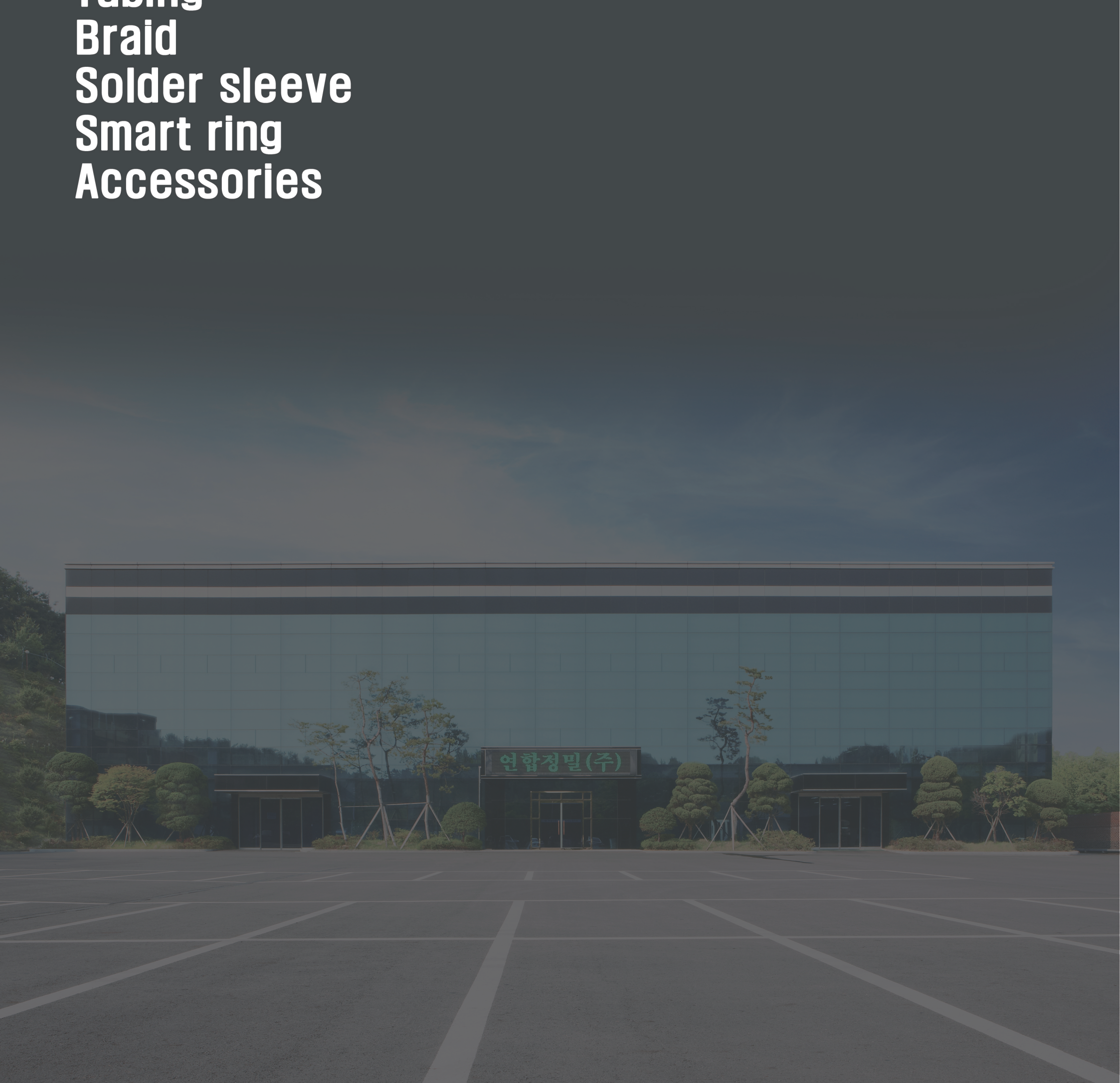
YH CABLE ASSEMBLY ACC

Adaptor & Boot
Transition
Tubing
Braid
Solder sleeve
Smart ring
Accessories




















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CABLE ASSEMBLY ACCESSORIES

Adaptor&Boot, Transition, Tubing, Braid, Solder Sleeving
ISO9001/ISO14001

부트 & 트랜지션 (Boot & Transition)

Part Number Information & Material Selection Table

Boot

YHBC 001 - 50

- Base Product Number
- Size
- Material

Transition

YHTA 30D301 - 3

- Base Product Number
- Size
- Material

Application

This table contains the information about the various heat shrink materials used in boot and transition manufactured by Yeonhab Precision
Please refer to this table for choosing the right material most suitable for the relevant environment.

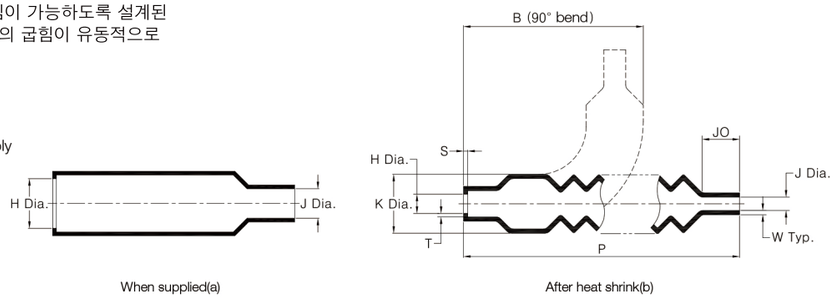
Material	Characteristics	Heat shrink temperature (approx.)	MIL. SPEC.	Applicable temperature range
-3 (Polyolefin heat shrink rubber)	- Applicable to the materials used in boot and transition of general cable assembly - Meets the US Military Standards - Environment resistant including Heat resistance, oil resistance, and fire retardancy - Hardness : Hs 45°(Scale D)	135℃	MIL- I -81765/1 TYPE I	-55℃ to 135℃
-4 (Polyolefin flexible heat shrink rubber)	- Applicable to the materials used in boot and transition of general cable assembly - Meets the US Military Standards - Environment resistant including Heat resistance, oil resistance, and fire retardancy - Hardness : Hs 40°(Scale D)	135℃	MIL- I -81765/1 TYPE II	-55℃ to 135℃
-25 (Polyolefin flexible heat shrink rubber <Modified synthetic rubber>)	- Applicable to the materials used in boot and transition of cable assembly for military vehicle - Meets the US Military Standards - Environment resistant including Heat resistance, oil resistance, chemical resistance and abrasion resistance - Hardness : Hs 45°(Scale D)	135℃	VG95343 part 6 ~ part 9	-75℃ to 150℃
-50 (Polyolefin flexible heat shrink rubber <Modified synthetic rubber>)	- Applicable to the materials used in boot and transition of cable assembly for military vehicle - Meets the US Military Standards - Applicable to the material of Military flexible boot(YHBC) - Environment resistant including Heat resistance, oil resistance, and fire retardancy - Hardness : Hs 45°(Scale D)	125℃	SC- X -15111	-55℃ to 150℃
-51 (Ethylene-propylene heat shrink rubber)	- Applicable to the materials used in boot and transition of cable assembly for military vehicle - Meets the US Military Standards - Applicable to the material of Military flexible boot(YHBC) - Environment resistant including Heat resistance, oil resistance, and fire retardancy - Hardness : Hs 85°(Scale A)	135℃	MIL- R -46846 TYPE VI, CLASS 2	-55℃ to 125℃
-71 (Polypropylene flexible heat shrink rubber)	- Applicable to the materials used in boot and transition of general cable assembly - Meets the US Military Standards - Applicable to the material of Military flexible boot(YHBC) - Environment resistant including Heat resistance, oil resistance, fire retardancy, and flexibility - Hardness : Hs 40°(Scale D)	110℃	MIL- I -81765, TYPE I, CLASS I	-55℃ to 135℃

YHBC001 ~ 006, 007

Boot, Convoluted

유연성이 좋아 여러 방향의 각도로 굽힘이 가능하도록 설계된
제품으로 좁은 공간에서 케이블 조립체의 굽힘이 유동적으로
필요시 적용함.

It has been designed to be bent in many
different angles with superior flexibility
and can be applied when the cable assembly
needs to be bent flexibly in a small space.



When supplied(a) After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-50	***Viton polymer blend	**
-51	Elastomer polymer blend	**
-71	Flexible polyolefin	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.
*** VITON is the trademark of I.I DUPOINT.

Product Measurement

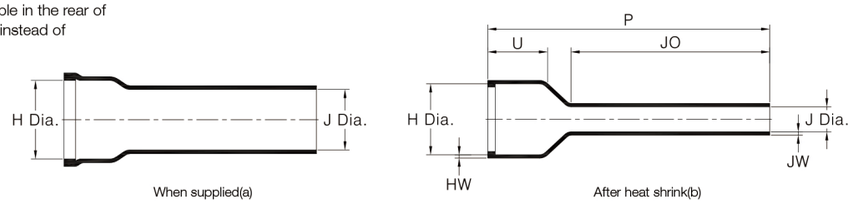
Part Number	H		J		K	P	JO	S	T	W	B
	Min. a -50,-51	Max. b	Min. a -50,-51	Max. b	Min. b	±10% b	±10% b	±0.76 b	±0.76 b	Min. b	Standard b
YHBC001	14.2	6.9	11.2	4.8	21.1	120.7	17.5	1.52	1.27	0.33	62.5
YHBC002	22.4	11.7	17.8	8.1	26.7	133.4	19.0	1.52	1.27	0.46	67.8
YHBC003	34.0	17.5	26.9	12.7	32.8	146.1	22.4	1.78	1.27	0.51	73.4
YHBC004	44.2	22.4	36.6	17.5	37.8	158.8	25.4	1.78	1.27	0.61	78.2
YHBC005	53.8	27.9	45.7	22.4	42.9	171.5	28.4	1.78	2.03	0.61	82.8
YHBC006	57.2	33.0	57.2	22.9	50.8	203.2	27.9	2.03	2.03	0.64	125.0
YHBC007	57.2	40.6	57.2	22.9	62.2	236.2	35.1	2.03	2.03	0.66	138.4

YHBD2201 ~ 2205

Straight, Lipped Boot

커넥터와 결합된 아답터 후면부분의 커넥터/케이블
사이에 사용됨. 긴 피복이 제거된 와이어 묶음 부분에
제거된 피복을 대신하여 사용함.

It is used between the connector and cable in the rear of
adaptor joined with connector. It is used instead of
the removed sheath of the wire bundle.



When supplied(a) After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

Product Measurement

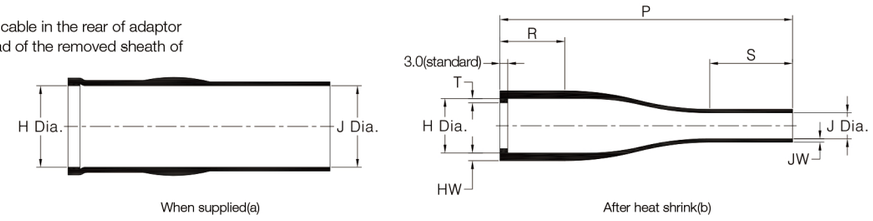
Part Number	H		J		P	JO	U	HW	JW
	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±10% b	±20% b	±20% b
YHBD2201	22.4	11.4	22.4	6.4	105.9	86.4	14.2	1.52	1.14
YHBD2202	25.7	15.0	25.7	7.4	121.2	98.6	15.0	1.52	1.14
YHBD2203	29.5	18.8	29.5	8.4	138.7	112.8	15.5	1.78	1.14
YHBD2204	34.0	22.9	34.0	9.7	159.5	130.8	15.7	1.78	1.14
YHBD2205	37.3	29.5	37.3	10.4	177.8	142.2	18.0	2.00	1.14

YHBD2201L, 2203L

Straight, Lipped Boot

커넥터와 결합된 아답터 후면부분의 커넥터/케이블
사이에 사용됨. 긴 피복이 제거된 와이어 묶음 부분에
제거된 피복을 대신하여 사용함.

It is used between the connector and cable in the rear of adaptor
joined with connector. It is used instead of the removed sheath of
the wire bundle.



When supplied(a) After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

Product Measurement

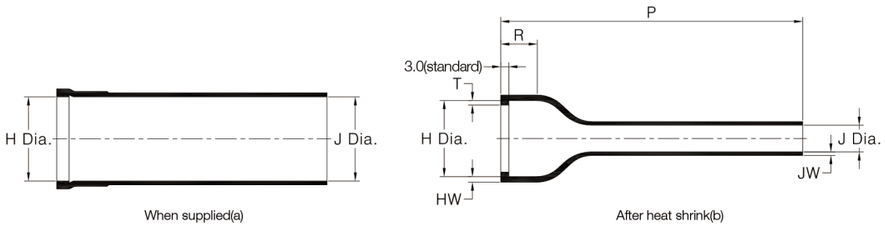
Part Number	H		J		P	R	S	T	HW	JW
	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±10% b	±10% b	±20% b	±20% b
YHBD2201L	24.0	14.0	16.8	5.3	135.0	28.0	32.0	1.5	4.1	1.0
YHBD2203L	35.0	16.5	33.0	8.4	153.0	30.5	48.0	1.5	4.1	1.5

YHBD2201S ~ 2204S

Straight, Lipped Boot

커넥터와 결합된 아답터 후면부분의 커넥터/케이블
사이에 사용됨. 긴 피복이 제거된 와이어 묶음 부분에
제거된 피복을 대신하여 사용함.

It is used between the connector
and cable in the rear of adaptor
joined with connector.
It is used instead of the
removed sheath of the wire bundle.



When supplied(a) After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

Product Measurement

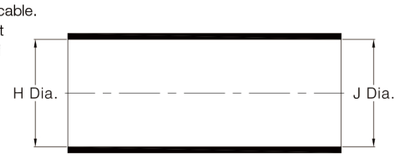
Part Number	H		J		P	R	T	HW	JW
	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±10% b	±20% b	±20% b
YHBD2201S	22.0	12.0	22.0	6.5	76.0	12.0	1.0	1.5	1.1
YHBD2202S	25.5	15.0	25.5	7.5	83.0	12.0	1.0	1.5	1.1
YHBD2203S	29.0	19.0	29.0	8.5	86.0	12.0	1.0	1.8	1.1
YHBD2204S	34.0	23.0	34.0	10.0	102.0	12.0	1.0	1.8	1.1

YHBE001 ~ 004

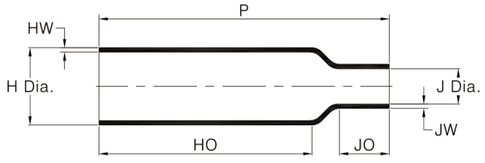
Straight Boot

기계적인 보호와 커넥터/케이블을 보호용으로 사용함.
부트가 어댑터를 사용하지 않고 커넥터 나사부위에 바로 설치
될 수 있도록 부트의 앞쪽에 턱 부분을 가지고 있지 않음.

It is used to protect connector/cable.
There is no sill part in order for it to be installed directly on top of the screw of the connector without using an adaptor.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-50	***Viton polymer blend	**
-51	Elastomer polymer blend	**
-71	Flexible polyolefin	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.
*** VITON is the trademark of I.I DUPOINT.

Product Measurement

Part Number	H		J		P	HO	JO	HW	JW
	Min.			Max.	±10%	±10%	±10%	±20%	±20%
	a	b	a	b	b	b	b	b	b
YHBE001	12.7	$12.7^{+2.0}_{-0.0}$	$11.2^{+2.5}_{-0.0}$	3.3	63.5	41.1	15.7	1.5	1.5
YHBE002	22.1	$22.1^{+3.6}_{-0.0}$	$11.2^{+2.5}_{-0.0}$	3.3	53.3	27.9	15.7	2.3	1.5
YHBE003	22.1	$22.1^{+3.6}_{-0.0}$	$20.6^{+6.1}_{-0.0}$	9.9	53.3	27.9	13.9	2.3	1.5
YHBE004	20.8	$12.7^{+2.0}_{-0.0}$	$20.6^{+6.1}_{-0.0}$	9.9	63.5	41.1	16.5	1.5	1.5

YHBK001 ~ 007

Straight, Lipped Boot

아답터와 결합하는 원형 커넥터를 사용하는 하네스 시스템에
사용되는 제품임. 부트의 적합 크기는 홈을 판 모든 아답터와
사용할 수 있음.

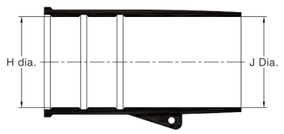
It is used in the harness system with a round connector that joins with an adaptor. The boot can be used together with all adaptors with an appropriate hole.

YHBK001 - 004 = 2 lips
YHBK005 - 007 = 3 lips

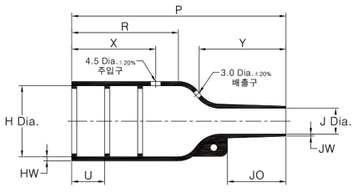
Mod 01 = 1 lips removal
Mod 02 = 2 lips removal
(Applicable size YHBK005, 006, 007)

YHBK001 IV - 3

- Material
- Hole options
  Filler cap and vent(a hole is omitted when there is no VI mark)
- Base Product Number



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-4	Flexible polyolefin	**
-25	Fluid-resistant elastomer	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

Product Measurement

Part Number	H		J		P	R	U	JO	HW	JW	X	Y
	Min.	Max.	Min.	Max.	±10%	±10%	±10%	±10%	±20%	Min	±20%	±20%
	a	b	a	b	b	b	b	b	b	b	b	b
YHBK001	24.0	10.4	24.0	5.6	38.0	21.0	12.0	8.5	1.6	0.41	12.0	13.0
YHBK002	30.0	14.2	30.0	5.9	55.0	32.0	12.0	11.5	1.8	0.81	16.0	18.0
YHBK003	31.0	18.0	31.0	7.1	67.0	35.0	20.0	17.0	1.8	0.81	16.0	25.0
YHBK004	36.0	22.4	36.0	8.4	80.0	42.0	20.0	19.5	2.0	0.81	32.0	30.0
YHBK005	43.0	28.2	43.0	9.9	99.0	61.0	20.0	21.0	2.2	0.81	52.0	30.0
YHBK006	60.0	35.1	60.0	15.7	130.0	72.0	20.0	39.0	3.3	1.02	-	-
YHBK007	66.0	44.5	66.0	16.8	170.0	90.0	20.0	51.5	3.8	1.63	-	-

YHBD9101, 9103

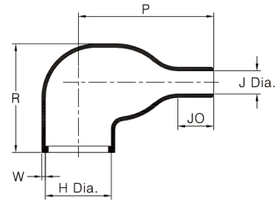
Right-Angled, Lipped Boot

아답터와 결합하는 원형 커넥터를 사용하는 하네스 시스템에
사용되는 제품임. 부트의 적합 크기는 홈을 판 모든 아답터와
사용할 수 있음.

It is used in the harness system with a round connector that joins with an adaptor. The boot can be used together with all adaptors with an appropriate hole.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-4	Flexible polyolefin	**
-25	Fluid-resistant elastomer	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

Product Measurement

Part Number	H		J		P	R	JO	W
	Min.	Max.	Min.	Max.	±10%	±10%	±10%	±20%
	a	b	a	b	b	b	b	b
YHBD9101	23..4	10.4	23.4	5.6	21.3	22.6	5.8	1.27
YHBD9103	31.0	17.8	31.0	7.1	36.6	31.0	12.7	1.78

YHBK9001 ~ 9006

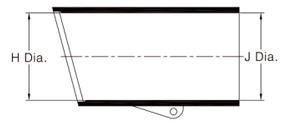
Right-Angled, Lipped Boot

아답터와 결합하는 원형 커넥터를 사용하는 하네스 시스템에
사용되는 제품임. 부트의 적합 크기는 홈을 판 모든 아답터와
사용할 수 있음.

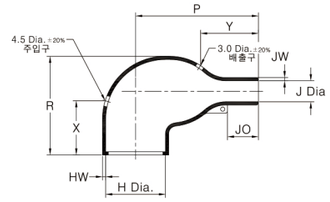
It is used in the harness system with a round connector that joins with an adaptor. The boot can be used together with all adaptors with an appropriate hole.

YHBK9001 IV - 3

- Material
- Hole options
  Filler cap and vent(a hole is omitted when there is no VI mark)
- Base Product Number



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-4	Flexible polyolefin	**
-25	Fluid-resistant elastomer	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

Product Measurement

Part Number	H		J		P	R	JO	HW	JW	X	Y
	Min.	Max.	Min.	Max.	±10%	±10%	±10%	±20%	Min	±20%	±20%
	a	b	a	b	b	b	b	b	b	b	b
YHBK9001	24.0	10.4	24.0	5.6	25.0	25.0	8.5	1.3	0.41	18.0	16.0
YHBK9002	30.0	14.2	30.0	5.9	32.0	27.0	8.5	1.5	0.81	-	-
YHBK9003	31.0	18.0	31.0	7.1	39.0	31.0	15.0	1.8	0.81	-	-
YHBK9004	36.0	22.4	36.0	8.4	46.0	38.0	18.0	1.8	0.81	25.0	25.0
YHBK9005	43.0	28.2	43.0	9.9	55.0	45.0	17.5	2.0	0.81	25.0	30.0
YHBK9006	60.0	35.1	60.0	15.7	80.0	54.0	32.0	3.3	1.02	-	-

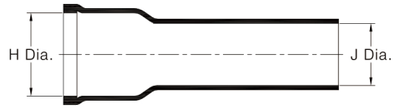
Boot (부트)

YHBF001 ~ 007

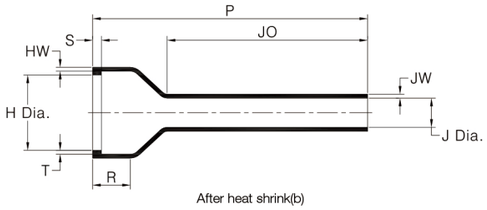
Straight Boot

아답터와 결합하는원형 커넥터를 사용하는 하네스 시스템에
제공되는 제품임. 부트는 적합한 크기의 홈을 판 모든 아답터와
사용할 수 있음.

It is used in the harness system with a round connector that joins with an adaptor.
The boot can be used together with all adaptors with an appropriate hole.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-50	***Viton polymer blend	**
-51	Elastomer polymer blend	**
-71	Flexible polyolefin	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.
*** VITON is the trademark of I.I DUPOINT.

Product Measurement

Part Number	H		J		P	R	T	HW	JW	JO	X
	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±10%	+1.5 -0.8	±0.8	±10%	+1.5 -0.8
YHBF001	23.9	9.9	17.3	6.6	105.9	11.7	1.3	1.5	1.5	86.4	1.5
YHBF002	27.2	13.2	20.8	7.6	121.2	12.2	1.3	1.5	1.5	98.6	1.5
YHBF003	31.0	18.5	24.4	8.9	138.7	12.2	1.3	1.8	1.8	112.8	1.8
YHBF004	35.6	22.1	28.7	10.2	159.5	12.2	1.3	1.8	1.8	130.8	1.8
YHBF005	38.9	28.2	31.5	10.9	177.8	14.0	1.8	1.8	1.8	142.2	1.8
YHBF006	45.2	32.2	38.4	12.7	203.2	15.2	1.8	1.8	1.8	163.1	1.8
YHBF007	51.6	45.4	45.4	15.0	203.2	15.2	1.8	1.8	1.8	157.7	1.8



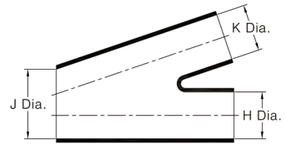
Transition (트랜지션)

YHTA90S301 ~ 303

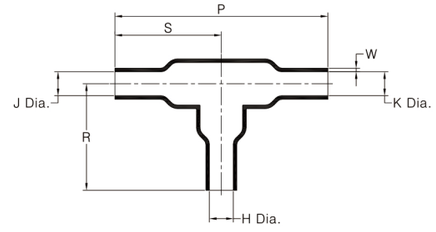
T Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally protect the circuit branch part of the cable assembly.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

Product Measurement

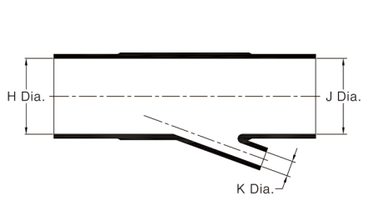
Part Number	H, J & K		P	S	R	W
	Min. a	Max. b	±10% b	±10% b	±10% b	±30% b
YHTA90S301	7.0	3.6	30.0	15.0	15.0	1.02
YHTA90S302	13.0	6.9	59.0	29.5	30.0	1.52
YHTA90S303	27.0	13.5	120.0	60.0	60.0	2.29

YHTA45D301 ~ 303

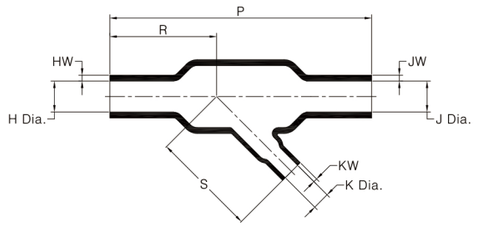
45° Side-Breakout Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally protect the circuit branch part of the cable assembly.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

Product Measurement

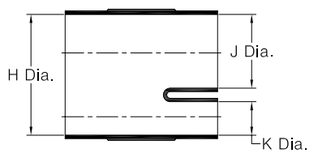
Part Number	H & J		K		P	R	S	HW & JW	KW
	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±10% b	±20% b	±20% b
YHTA45D301	13.2	6.9	6.6	3.6	49.0	23.0	23.0	1.52	1.02
YHTA45D302	26.9	12.7	6.6	3.6	93.0	41.0	36.0	2.54	1.02
YHTA45D303	26.9	13.7	13.2	6.1	145.0	70.0	54.0	2.54	1.52

YHTA30D301

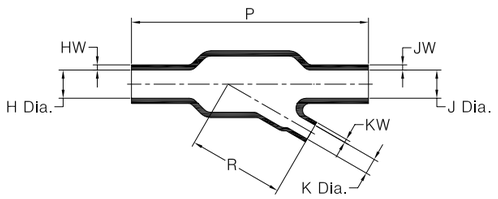
30° Side-Breakout Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and
environmentally protect the circuit branch
part of the cable assembly.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

Product Measurement

Part Number	H & J		K		P	R	HW & JW	KW
	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±20% b	±20% b
YHTA30D301	30.5	15.7	20.3	10.70	82.0	50.0	2.54	1.78

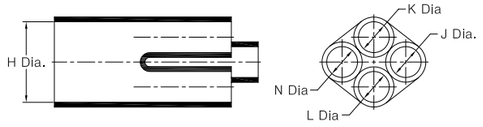
* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

YHTA15D501 ~ 504 & 506

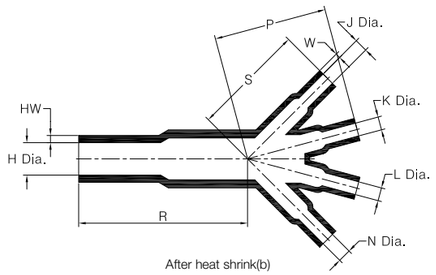
15° Side-Breakout Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally protect the circuit
branch part of the cable assembly.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

Product Measurement

Part Number	H		J, K, L & N		P	R	S	HW	W
	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±10% b	±20% b	±20% b
YHTA15D501	13.2	6.9	6.6	3.4	24.1	38.0	24.1	1.52	1.02
YHTA15D502	19.3	9.7	9.4	5.3	35.6	36.0	32.0	1.78	1.02
YHTA15D503	19.3	9.7	13.2	6.9	49.3	36.0	45.0	1.78	1.52
YHTA15D504	26.9	13.0	13.2	6.9	49.3	52.0	45.0	2.54	1.52
YHTA15D506	55.6	26.7	26.9	13.0	101.6	109.0	93.0	4.57	2.54

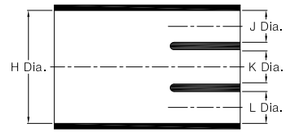
* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

YHTA30D401 ~ 403

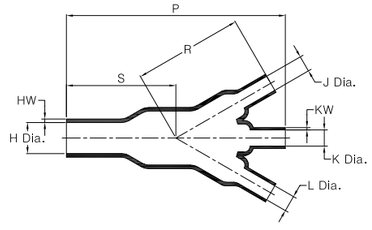
Transition, One to Three cables

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally protect
the circuit branch part of the cable assembly.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

Product Measurement

Part Number	H		J, K, L & N		P	R	S	HW	KW
	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±10% b	±20% b	±20% b
YHTA30D401	13.2	6.6	6.6	3.6	46.2	25.0	21.0	1.52	1.02
YHTA30D402	26.9	13.2	13.2	6.9	93.2	50.0	43.0	2.54	1.52
YHTA30D403	38.6	18.8	19.3	9.7	135.1	74.0	62.0	3.05	1.78

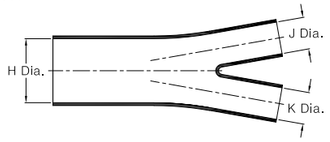
* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

YHTA30T301 ~ 303

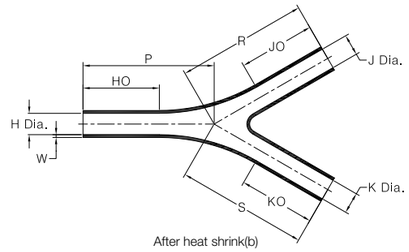
Slimline Y Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally protect
the circuit branch part of the cable assembly.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-50	***Viton polymer blend	**
-51	Elastomer polymer blend	**
-71	Flexible polyolefin	**

Product Measurement

Part Number	H		J & K		HO, JO & KO	W	P, R & S
	Min. a	Max. b	Min. a	Max. b	±15% b	Standard b	Standard b
YHTA30T301	19.8	6.6	13.2	6.6	25.4	1.0	40.6
YHTA30T302	34.3	11.4	22.9	11.4	41.1	1.3	63.0
YHTA30T303	60.2	20.0	40.2	20.0	31.8	1.5	63.0

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.
*** VITON is the trademark of I.I DUPOINT.

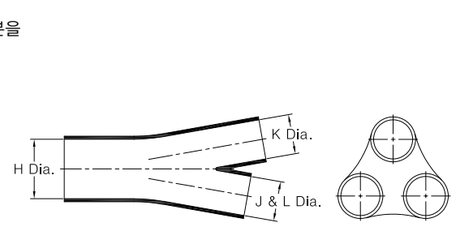
Transition (트랜지션)

YHTA45T401 ~ 403

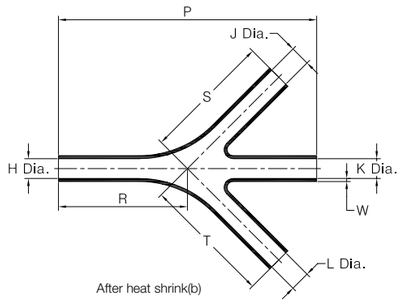
Slimline Transition, One to Three Cables

케이블 하네스의 회로 분기부분을
기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically
and environmentally protect
the circuit branch part of the
cable assembly.



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-50	***Viton polymer blend	**
-51	Elastomer polymer blend	**
-71	Flexible polyolefin	**

Product Measurement

Part Number	H		J, K & L		W	P	R, S & T
	Min.	Max.	Min.	Max.	Standard	Standard	Standard
	a	b	a	b	b	b	b
YHTA45T401	19.8	6.6	13.2	6.6	1.0	85.9	42.9
YHTA45T402	34.3	11.4	20.6	11.4	1.3	135.6	67.8
YHTA45T403	60.2	20.1	36.1	20.1	1.5	135.6	67.8

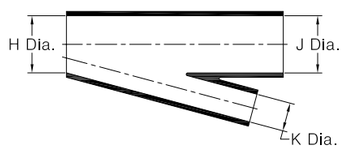
* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.
*** VITON is the trademark of I.I DUPOINT.

YHTA90D301 ~ 303

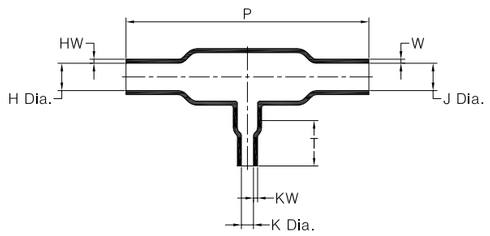
T Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally
protect the circuit branch part of the cable assembly



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

Product Measurement

Product Number	H & J		K		P	T	HW & W	KW
	Min.	Max.	Min.	Max.	±10%	±10%	±20%	±20%
	a	b	a	b	b	b	b	b
YHTA90D301	13.2	5.8	6.6	3.0	52.3	-	1.52	1.02
YHTA90D302	26.9	12.4	6.6	3.0	83.3	10.7	2.54	1.02
YHTA90D303	26.9	12.7	13.2	5.8	107.7	20.3	2.54	1.52

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

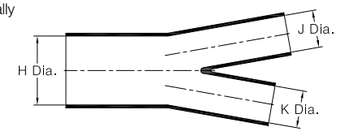
Transition (트랜지션)

YHTA90T301 ~ 303

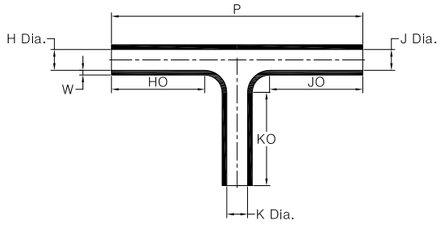
Slimline T Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally
protect the circuit branch part of the
cable assembly



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-50	***Viton polymer blend	**
-51	Elastomer polymer blend	**
-71	Flexible polyolefin	**

Product Measurement

Part Number	H		J & K		HO, JO & KO	W	P
	Min.	Max.	Min.	Max.	±10%	Standard	Standard
	a	b	a	b	b	b	b
YHTA90T301	19.8	6.6	13.2	6.6	25.4	1.02	80.8
YHTA90T302	34.3	11.4	22.9	11.4	41.1	1.27	120.4
YHTA90T303	60.2	20.1	40.1	20.1	63.5	1.52	175.8

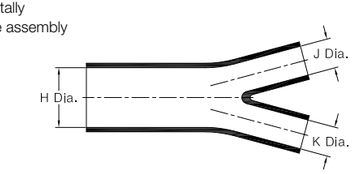
* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.
*** VITON is the trademark of I.I DUPOINT.

YHTA225D301 ~ 303

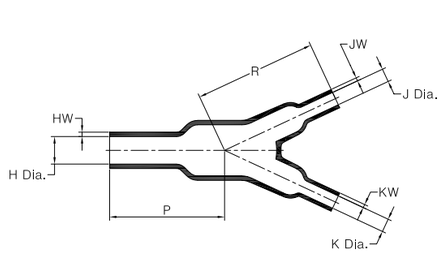
Y Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally
protect the circuit branch part of the cable assembly



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-3	Semirigid polyolefin	**
-25	Fluid-resistant elastomer	**

Product Measurement

Part Number	H		J & K		P	R	HW	JW & KW
	Min.	Max.	Min.	Max.	±10%	±10%	±20%	±20%
	a	b	a	b	b	b	b	b
YHTA225D301	13.2	6.1	6.6	3.3	22.0	19.0	1.52	1.02
YHTA225D302	26.9	12.4	13.2	6.1	38.0	43.0	2.54	1.52
YHTA225D303	38.6	18.0	26.9	12.4	66.0	82.0	3.05	2.54

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.

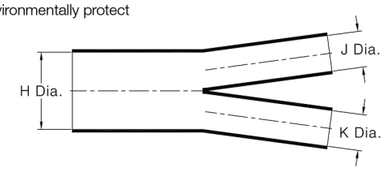
Transition (트랜지션)

YHTC50D301 ~ 302

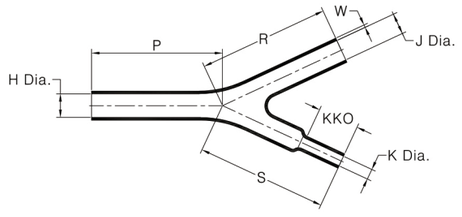
Slimline Y Transition

케이블 하네스의 회로 분기부분을 기계적, 환경적으로
보호할 목적으로 사용함.

It is used to mechanically and environmentally protect
the circuit branch part of the
cable assembly



When supplied(a)



After heat shrink(b)

Material

Type*	Material	Adhesive Part Number
-50	***Viton polymer blend	**
-51	Elastomer polymer blend	**
-71	Flexible polyolefin	**

* Please refer to the material selection table for detailed information.
** Please make a direct inquiry to us for information on adhesives.
*** VITON is the trademark of I.I DUPOINT.

Product Measurement

Part Number	H		J		K		P	R & S	KKO	W
	Min. a	Max. b	Min. a	Max. b	Min. a	Max. b	±10% b	±10% b	±10% b	±0.8 b
YHTC50D301	34.3	11.4	22.9	10.1	12.7	5.08	63.0	63.0	21.6	1.3
YHTC50D302	60.2	20.1	40.1	20.1	19.8	5.08	94.7	94.7	21.6	1.5



Special Purpose Tubing

YH23053/16 SAE-AMS-DTL-23053/16

Material polychloroprene compound
Insulation Sleeving, Electrical, Heat-Shrinkable, Crosslinked, Elastomeric Polyolefin, Flexible

Application It is used as a sheath for the cable and wire bundle of military vehicles and aircraft. It is especially resistant to environment including oil resistance, heat resistance, and chemical resistance.

Applicable temperature range -75℃ to 135℃

Heat shrink temperature Approx. 135℃

Product Measurement

MIL. SPEC.	Part Number	Inner Dia		Thickness after heat shrink*
		Before shrink (Min.)	After shrink (Max.)	
-	YHM23053/16-1/8	3.2	1.6	0.76±0.15
-	YHM23053/16-3/16	4.8	2.4	0.84±0.15
M23053/16-001-0	YHM23053/16-1/4	6.4	3.2	0.89±0.15
M23053/16-002-0	YHM23053/16-3/8	9.5	4.8	1.02±0.20
M23053/16-003-0	YHM23053/16-1/2	12.7	6.4	1.22±0.20
M23053/16-004-0	YHM23053/16-3/4	19.0	9.5	1.45±0.28
M23053/16-005-0	YHM23053/16-1	25.4	12.7	1.78±0.28
M23053/16-006-0	YHM23053/16-1 1/2	38.0	19.0	2.41±0.41

* The thickness is the average thickness after shrink.

Ordering Information

Color	Black
Standard Packing	Supplied in rolls.
How to order	Provide product name and size. (Example: YHM23053/16-1/8)

YH23053/1 SAE-AMS-DTL-23053/1

Material Polychloroprene compound
Insulation Sleeving, Electrical, Heat-Shrinkable, Polychloroprene, Flexible

Application It is used as a sheath for the cable and wire bundle of military vehicles and aircraft. It is especially resistant to environment including oil resistance, heat resistance, and chemical resistance.

Applicable temperature range -70℃ to 121℃

Heat shrink temperature Approx. 100℃

Product Measurement

MIL. SPEC.	Part Number	Inner Dia		Thickness after heat shrink*
		Before shrink (Min.)	After shrink (Max.)	
-	YHM23053/1-1/8	3.2	1.6	0.69±0.20
-	YHM23053/1-3/16	4.8	2.6	0.89±0.25
M23053/1-201-0	YHM23053/1-1/4	6.4	3.6	0.89±0.25
M23053/1-202-0	YHM23053/1-3/8	9.5	5.4	1.01±0.25
M23053/1-203-0	YHM23053/1-1/2	12.7	7.4	1.21±0.38
M23053/1-204-0	YHM23053/1-5/8	15.9	9.1	1.32±0.38
M23053/1-205-0	YHM23053/1-3/4	19.1	10.9	1.44±0.38
M23053/1-206-0	YHM23053/1-7/8	22.2	12.7	1.65±0.38
M23053/1-207-0	YHM23053/1-1	25.4	14.5	1.77±0.51
M23053/1-208-0	YHM23053/1-1 1/4	31.8	18.1	2.20±0.51
M23053/1-209-0	YHM23053/1-1 1/2	38.1	21.8	2.41±0.51
M23053/1-210-0	YHM23053/1-1 3/4	44.5	25.4	2.71±0.51
M23053/1-211-0	YHM23053/1-2	50.8	29.0	2.79±0.51

* The thickness is the average thickness after shrink.

Ordering Information

Color	Black
Standard Packing	Supplied in rolls.
How to order	Provide product name and size. (Example: YHM23053/1-1/8)

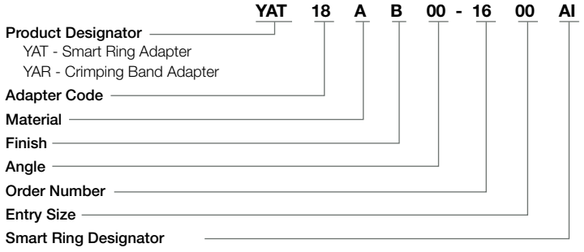
CABLE ASSEMBLY ACCESSORIES

Adaptor&Boot, Transition, Tubing, Braid, Solder Sleeving
ISO9001/ISO14001



아답터 (Adapter)

Yeonhab Part Numbering System



Adapter Code

Connector Specification	Adapter Code.
MIL-DTL-5015(MS3100)	18
MIL-DTL-26482 Series I	21
MIL-DTL-22992 Class C, J, R	32
MIL-DTL-38999 Series III, IV	40
MIL-DTL-38999 Series I, II	41
MIL-DTL-5015(MS3400) MIL-DTL-26482 Series II MIL-DTL-83723 Series I, III MIL-DTL-81703 Series III	54
VG96912(Bendix SJT)	47
VG95234 (Yeonhab “YHB”, VEAM “CIR”)	64

Material

Material Code.	Material	Typical Applications
A	Aluminum alloy	standard material for normal applications
B	Nickel aluminum alloy	Exposed marine environments
S	Stainless steel	Corrosion-resistant and high-temperature (firewall) application

아답터 (Adapter)

Finish

Finsh* Description	Color	Finish Code	Typical Applications
Cadmium, Per QQ-P-416, Type II, Class 3	Olive Drab	A	Corrosion-resistant conductive finish
Cadmium, Per QQ-P-416, Type II, Class 3 over electroless nickel (500-hour salt-spray-resistant finish)	Olive Drab	B	Corrosion-resistance for exposed environments
Electroless nickel, per MIL-C-26074, Class 4, Grade B	-	C	High conductivity for optimum screening performance
Anodized, hard per MIL-A-8625, Type III, Class 2	Black	G	Nonconductive finish for aluminum adapters
Passivated, per QQ-P-35 or MIL-S-5002	-	J	Nonconductive, Corrosion-resistant finish for stainless steel adapters
Unplated, shotblast	-	W	Nonconductive finish for nickel aluminum bronze adapters

*other finishes available upon request.

Angle

00	45	90
0°	45°	90°

Smart Ring Designator

Braid Type	Ring Designator
Single layer 36 AWG	AI
Single layer 34 AWG	AI
Single layer 32 AWG	BI
Single layer 30 AWG	BI
Double layer 36 AWG	BI
Double layer 46 AWG	BI

A or B = Size of Braid, I = Insulating Layer

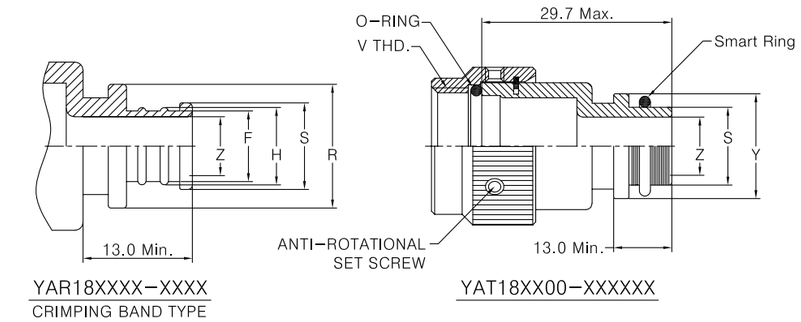
Wire Gauge(AWG) to Diameter Cross-Reference

Use this table to establish wire gauge if not known.

Wire Gauge (AWG)	Diameter
40	0.079[0.0031]
39	0.089[0.0035]
38	0.102[0.0040]
37	0.114[0.0045]
36	0.127[0.0050]
35	0.142[0.0056]
34	0.160[0.0063]
33	0.180[0.0071]
32	0.203[0.0080]
31	0.226[0.0089]
30	0.254[0.0100]
29	0.287[0.0113]
28	0.320[0.0126]

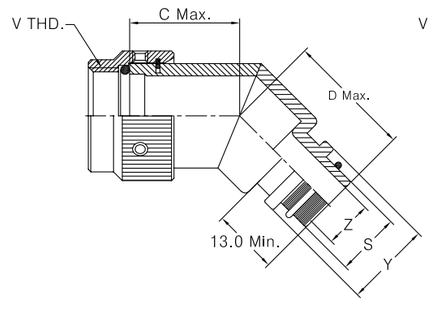
Code 18 MIL-C-5015 (MS3100) (Continued)

Smart Ring & Crimping Band Adapter

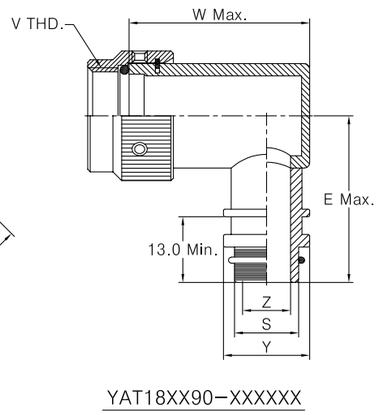


YAR18XXXX–XXXX
CRIMPING BAND TYPE

YAT18XX00–XXXXXX



YAT18XX45–XXXXXX



YAT18XX90–XXXXXX

Table of Dimensions

Order No.	Shell Size	Max. Entry Size	V Thread. (CLASS : 2B)	Dimension		
				C Max.	D Max.	E Max.
08	8S	04	7/16-28UNEF	20.3	23.4	31.2
10	10S	06	1/2-28UNEF	21.1	24.1	31.2
11	10SL	07	9/16-24UNEF	21.1	24.1	31.2
12	12 & 12S	08	5/8-24UNEF	21.1	24.1	31.2
14	14 & 14S	10	3/4-20UNEF	21.8	24.9	33.0
16	16 & 16S	12	7/8-20UNEF	22.6	25.9	36.1
18	18	12	1-20UNEF	23.4	26.7	37.6
20	20	16	1 1/8-18UNEF	24.1	27.4	39.4
22	22	18	1 1/4-18UNEF	24.9	28.2	40.9
24	24	20	1 3/8-18UNEF	24.9	28.2	42.4
28	28	24	1 5/8-18UNEF	27.4	29.7	47.2
32	32	24	1 7/8-16UN	28.2	31.2	48.8
36	36	24	2 1/8-16UN	31.2	32.3	52.1
40	40	24	2 3/8-16UN	32.3	33.0	55.1
44	44	24	2 5/8-16UN	32.3	33.0	55.1
48	48	24	2 13/16-18UNS	34.0	34.5	61.5

Code 18 MIL-C-5015 (MS3100) (Continued)

Smart Ring & Crimping Band Adapter

Entry Size Dimensions Smart Ring

Entry Size	Dimensions			
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	6.35	9.39-9.56	13.97	31.5
05	7.92	10.97-11.13	15.54	34.3
06	9.52	12.57-12.73	17.14	35.8
07	11.09	14.12-14.31	18.71	37.3
08	12.70	15.72-15.91	20.32	39.1
10	15.87	18.84-19.11	23.49	41.4
12	19.05	22.02-22.28	26.67	45.5
14	22.23	25.17-25.46	29.84	48.8
16	25.40	28.34-28.63	33.02	51.8
18	28.57	31.52-31.81	36.19	54.9
20	31.75	34.69-34.98	39.37	58.2
22	34.93	37.79-38.15	42.55	66.8
24	38.10	40.97-41.33	45.72	70.1

Entry Size Dimensions Crimping Band

Entry Size	Dimension					
	F Dia. ±0.1	H Dia. ±0.1	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	7.9	8.9	6.35	9.39-9.56	13.97	31.5
05	9.5	10.5	7.92	10.97-11.13	15.54	34.3
06	11.1	12.1	9.52	12.57-12.73	17.14	35.8
07	12.6	13.6	11.09	14.12-14.31	18.71	37.3
08	14.3	15.3	12.70	15.72-15.91	20.32	39.1
10	17.4	18.4	15.87	18.84-19.11	23.49	41.4
12	20.6	21.6	19.05	22.02-22.28	26.67	45.5
14	23.8	24.8	22.23	25.17-25.46	29.84	48.8
16	27.0	28.0	25.40	28.34-28.63	33.02	51.8
18	30.1	31.1	28.57	31.52-31.81	36.19	54.9
20	33.3	34.3	31.75	34.69-34.98	39.37	58.2
22	36.5	37.5	34.93	37.79-38.15	42.55	66.8
24	39.7	40.7	38.10	40.97-41.33	45.72	70.1

Boot Selection Guide

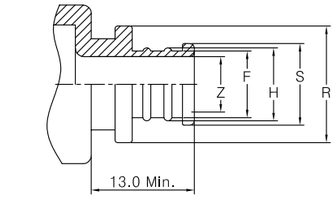
Entry Size	Dimension					
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5
24	-	-	16.8	-	-	-

Boot, Convoluted Parts

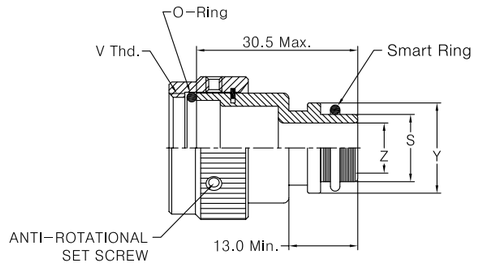
Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4
24	YHBC007	22.9

Code 21 MIL-C-26482 Series I (Continued)

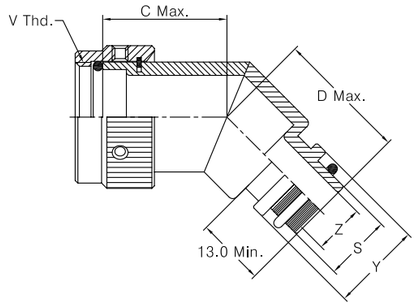
Smart Ring & Crimping Band Adapter



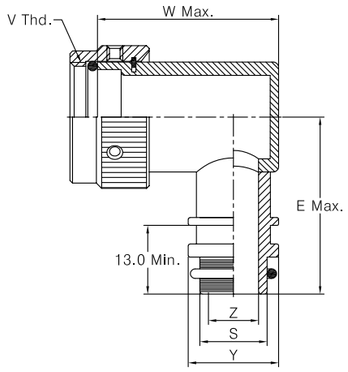
YAR21XXXX–XXXX
CRIMPING BAND TYPE



YAT21XX00–XXXXXX



YAT21XX45–XXXXXX



YAT21XX90–XXXXXX

Table of Dimensions

Order No.	Shell Size	Max. Entry Size	V Thread. (CLASS : 2B)	Dimension		
				C Max.	D Max.	E Max.
08	8S	04	7/16-28UNEF	21.6	23.1	29.0
10	10S	06	9/16-24UNEF	22.4	23.9	30.5
12	12 & 12S	08	11/16-24UNEF	23.1	24.6	32.3
14	14 & 14S	10	13/16-20UNEF	23.4	24.9	33.5
16	16 & 16S	12	15/16-20UNEF	24.1	25.7	34.8
18	18	12	1 1/16-18UNEF	24.4	25.9	36.3
20	20	14	1 3/16-18UNEF	25.1	26.7	38.1
22	22	16	1 5/16-18UNEF	25.7	27.4	39.6
24	24	18	1 7/16-18UNEF	26.2	27.7	40.9

Code 21 MIL-C-26482 Series I (Continued)

Smart Ring & Crimping Band Adapter

Entry Size Dimensions Smart Ring

Entry Size	Dimensions			
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	6.35	9.39-9.56	13.97	31.0
05	7.92	10.97-11.13	15.54	32.8
06	9.52	12.57-12.73	17.14	34.3
07	11.09	14.12-14.31	18.71	35.8
08	12.70	15.72-15.91	20.32	37.3
10	15.87	18.84-19.11	23.49	40.6
12	19.05	22.02-22.28	26.67	43.7
14	22.23	25.17-25.46	29.84	47.0
16	25.40	28.34-28.63	33.02	50.0
18	28.57	31.52-31.81	36.19	53.3

Entry Size Dimensions Crimping Band

Entry Size	Dimension					
	F Dia. ±0.1	H Dia. ±0.1	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	7.9	8.9	6.35	9.39-9.56	13.97	31.0
05	9.5	10.5	7.92	10.97-11.13	15.54	32.8
06	11.1	12.1	9.52	12.57-12.73	17.14	34.3
07	12.6	13.6	11.09	14.12-14.31	18.71	35.8
08	14.3	15.3	12.70	15.72-15.91	20.32	37.3
10	17.4	18.4	15.87	18.84-19.11	23.49	40.6
12	20.6	21.6	19.05	22.02-22.28	26.67	43.7
14	23.8	24.8	22.23	25.17-25.46	29.84	47.0
16	27.0	28.0	25.40	28.34-28.63	33.02	50.0
18	30.1	31.1	28.57	31.52-31.81	36.19	53.3

Boot Selection Guide

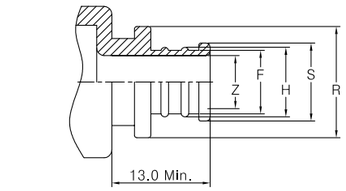
Entry Size	Dimension					
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	E M Cable OD (Min.) ax.
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5

Boot, Convoluted Parts

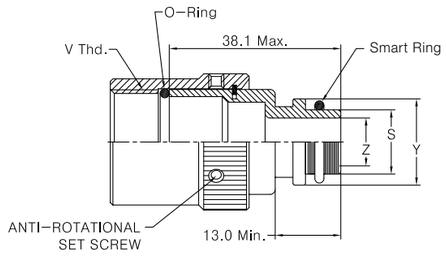
Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4

Code 32 MIL-C-22992 (Continued)

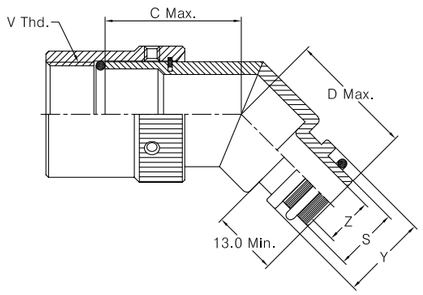
Smart Ring & Crimping Band Adapter



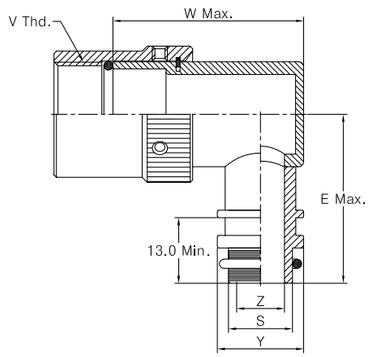
YAR32XXXX-XXXX
CRIMPING BAND TYPE



YAT32XX00-XXXXXX



YAT32XX45-XXXXXX



YAT32XX90-XXXXXX

Table of Dimensions

Order No.	Shell Size	Max. Entry Size	V Thread. (Class : 2B)	Dimension		
				C Max.	D Max.	E Max.
12	12	08	3/4-20UNEF	29.0	25.4	33.5
14	14	10	7/8-20UNEF	29.7	25.9	35.3
16	16	12	1-20UNEF	30.0	26.2	37.1
18	18	14	1 5/8-18UNEF	30.7	26.9	38.6
20	20	16	1 1/4-18UNEF	31.2	27.7	40.1
22	22	18	1 3/8-18UNEF	32.0	28.2	41.7
24	24	22	1 5/8-18UNEF	33.5	30.0	46.5
28	28	24	1 7/8-16UN	34.8	31.2	49.8
32	32	24	2 1/16-16UN	36.3	32.5	52.8
36	36	24	2 5/16-16UN	37.6	33.8	56.1
40	40	24	2 5/8-16UN	38.9	35.3	58.9

Code 32 MIL-C-22992 (Continued)

Smart Ring & Crimping Band Adapter

Entry Size Dimensions Smart Ring

Entry Size	Dimensions			
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	6.35	9.39-9.56	13.97	39.6
05	7.92	10.97-11.13	15.54	42.9
06	9.52	12.57-12.73	17.14	42.9
07	11.09	14.12-14.31	18.71	46.0
08	12.70	15.72-15.91	20.32	46.0
10	15.87	18.84-19.11	23.49	49.3
12	19.05	22.02-22.28	26.67	52.3
14	22.23	25.17-25.46	29.84	55.6
16	25.40	28.34-28.63	33.02	59.0
18	28.57	31.52-31.81	36.19	69.6
20	31.75	34.69-34.98	39.37	72.6
22	34.93	37.79-38.15	42.55	75.9
24	38.10	40.97-41.33	45.72	79.0

Entry Size Dimensions Crimping Band

Entry Size	Dimension					
	F Dia. ±0.1	H Dia. ±0.1	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	7.9	8.9	6.35	9.39-9.56	13.97	39.6
05	9.5	10.5	7.92	10.97-11.13	15.54	42.9
06	11.1	12.1	9.52	12.57-12.73	17.14	42.9
07	12.6	13.6	11.09	14.12-14.31	18.71	46.0
08	14.3	15.3	12.70	15.72-15.91	20.32	46.0
10	17.4	18.4	15.87	18.84-19.11	23.49	49.3
12	20.6	21.6	19.05	22.02-22.28	26.67	52.3
14	23.8	24.8	22.23	25.17-25.46	29.84	55.6
16	27.0	28.0	25.40	28.34-28.63	33.02	59.0
18	30.1	31.1	28.57	31.52-31.81	36.19	69.6
20	33.3	34.3	31.75	34.69-34.98	39.37	72.6
22	36.5	37.5	34.93	37.79-38.15	42.55	75.9
24	39.7	40.7	38.10	40.97-41.33	45.72	79.0

Boot Selection Guide

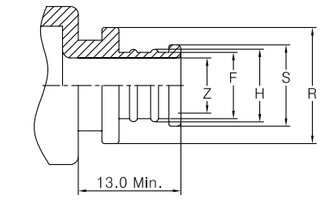
Entry Size	Dimension					
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5
24	-	-	16.8	-	-	-

Boot, Convoluted Parts

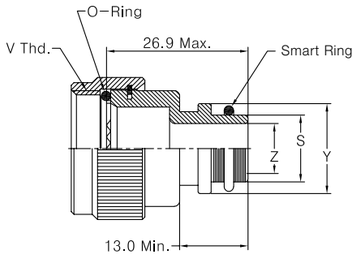
Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4
24	YHBC007	22.9

Code 40 MIL-C-38999 Series III and IV (Continued)

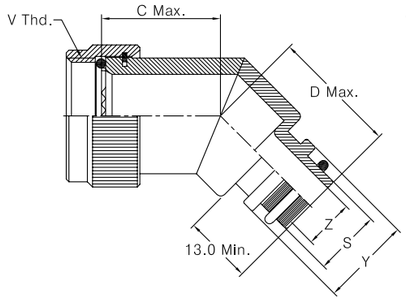
Smart Ring & Crimping Band Adapter



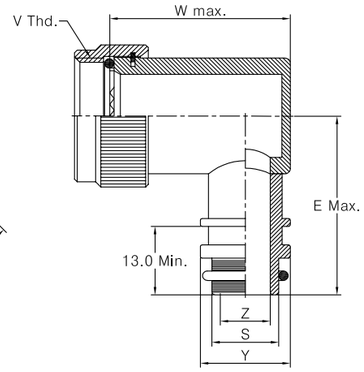
YAR40XXXX–XXXX
CRIMPING BAND TYPE



YAT40XX00–XXXXXX



YAT40XX45–XXXXXX



YAT40XX90–XXXXXX

Table of Dimensions

Order No.	Shell Size	Shell Size Code	Max. Entry Size	V Thread.	Dimension		
					C Max.	D Max.	E Max.
08	9	A	04	M12x1.0	20.8	22.6	27.9
10	11	B	07	M15x1.0	21.3	23.4	30.5
12	13	C	08	M18x1.0	22.1	24.1	32.0
14	15	D	10	M22x1.0	22.6	24.1	34.0
16	17	E	12	M25x1.0	23.4	24.9	35.6
18	19	F	14	M28x1.0	24.1	25.7	36.8
20	21	G	16	M31x1.0	24.6	26.4	38.4
22	23	H	18	M34x1.0	25.4	27.2	39.9
24	25	J	20	M37x1.0	25.9	27.2	42.4

Adapter (아답터)

Code 40 MIL-C-38999 Series III and IV (Continued)

Smart Ring & Crimping Band Adapter

Entry Size Dimensions Smart Ring

Entry Size	Dimensions			
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	6.35	9.39-9.56	13.97	31.20
05	7.92	10.97-11.13	15.54	32.80
06	9.52	12.57-12.73	17.14	34.30
07	11.09	14.12-14.31	18.71	36.10
08	12.70	15.72-15.91	20.32	37.60
10	15.87	18.84-19.11	23.49	40.60
12	19.05	22.02-22.28	26.67	43.90
14	22.23	25.17-25.46	29.84	47.00
16	25.40	28.34-28.63	33.02	50.80
18	28.57	31.52-31.81	36.19	54.10
20	31.75	34.69-34.98	39.37	57.21

Entry Size Dimensions Crimping band

Entry Size	Dimension					
	F Dia. ±0.1	H Dia. ±0.1	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	7.9	8.9	6.35	9.39-9.56	13.97	31.20
05	9.5	10.5	7.92	10.97-11.13	15.54	32.80
06	11.1	12.1	9.52	12.57-12.73	17.14	34.30
07	12.6	13.6	11.09	14.12-14.31	18.71	36.10
08	14.3	15.3	12.70	15.72-15.91	20.32	37.60
10	17.4	18.4	15.87	18.84-19.11	23.49	40.60
12	20.6	21.6	19.05	22.02-22.28	26.67	43.90
14	23.8	24.8	22.23	25.17-25.46	29.84	47.00
16	27.0	28.0	25.40	28.34-28.63	33.02	50.80
18	30.1	31.1	28.57	31.52-31.81	36.19	54.10
20	33.3	34.3	31.75	34.69-34.98	39.37	57.21

Boot Selection Guide

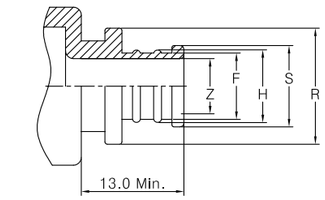
Entry Size	Dimension					
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5

Boot, Convoluted Parts

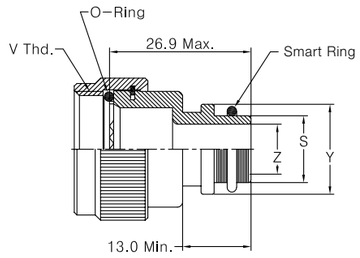
Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4

Code 41 MIL-C-38999 Series I and II (Continued)

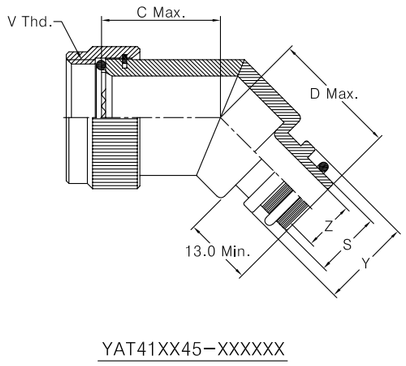
Smart Ring & Crimping Band Adapter



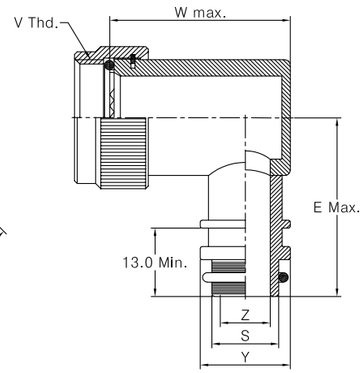
YAR41XXXX–XXXX
CRIMPING BAND TYPE



YAT41XX00–XXXXXX



YAT41XX45–XXXXXX



YAT41XX90–XXXXXX

Table of Dimensions

Order No.	Shell Size		Max. Entry Size	V Thread. (Class : 2B)	Dimension		
	Series I	Series II			C Max.	D Max.	E Max.
08	9	8	04	7/16-28UNEF	17.5	23.1	29.2
10	11	10	06	9/16-24UNEF	18.3	23.6	30.7
12	13	12	08	11/16-24UNEF	18.3	24.4	32.5
14	15	14	10	13/16-20UNEF	19.3	24.9	34.0
16	17	16	12	15/16-20UNEF	20.1	25.4	35.6
18	19	18	12	1 1/16-18UNEF	20.6	26.2	37.1
20	21	20	14	1 3/16-18UNEF	21.3	26.9	38.9
22	23	22	16	1 5/16-18UNEF	22.1	27.4	40.4
24	25	24	18	1 7/16-18UNEF	22.6	28.2	41.9

Code 41 MIL-C-38999 Series I and II (Continued)

Smart Ring & Crimping Band Adapter

Entry Size Dimensions Smart Ring

Entry Size	Dimensions			
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	6.35	9.39-9.56	13.97	27.2
05	7.92	10.97-11.13	15.54	28.7
06	9.52	12.57-12.73	17.14	30.2
07	11.09	14.12-14.31	18.71	31.8
08	12.70	15.72-15.91	20.32	33.5
10	15.87	18.84-19.11	23.49	36.6
12	19.05	22.02-22.28	26.67	39.9
14	22.23	25.17-25.46	29.84	42.9
16	25.40	28.34-28.63	33.02	46.2
18	28.57	31.52-31.81	36.19	49.3

Entry Size Dimensions Crimping Band

Entry Size	Dimension					
	F Dia. ±0.1	H Dia. ±0.1	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	7.9	8.9	6.35	9.39-9.56	13.97	27.2
05	9.5	10.5	7.92	10.97-11.13	15.54	28.7
06	11.1	12.1	9.52	12.57-12.73	17.14	30.2
07	12.6	13.6	11.09	14.12-14.31	18.71	31.8
08	14.3	15.3	12.70	15.72-15.91	20.32	33.5
10	17.4	18.4	15.87	18.84-19.11	23.49	36.6
12	20.6	21.6	19.05	22.02-22.28	26.67	39.9
14	23.8	24.8	22.23	25.17-25.46	29.84	42.9
16	27.0	28.0	25.40	28.34-28.63	33.02	46.2
18	30.1	31.1	28.57	31.52-31.81	36.19	49.3

Boot Selection Guide

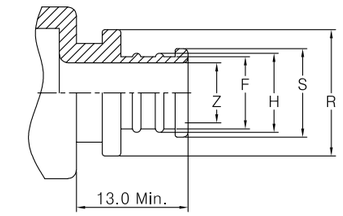
Entry Size	Dimension					
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5

Boot, Convoluted Parts

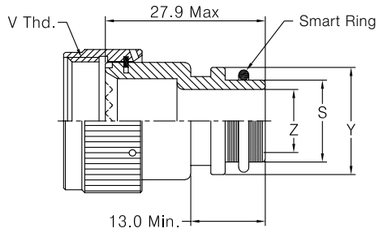
Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4

Code 54 MIL-C-5015(MS3400), MIL-C-26482 Series II, MIL-C-83723 Series I and III, MIL-C-81703 Series III (Continued)

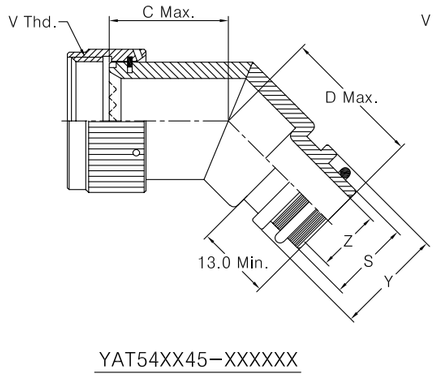
Smart Ring & Crimping Band Adapter



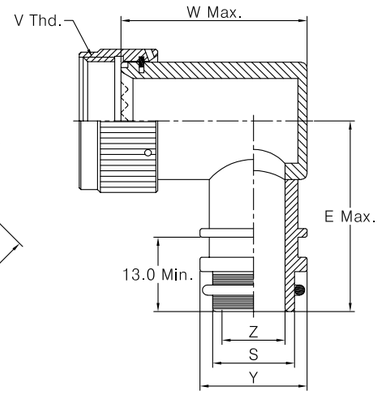
YAR54XXXX–XXXX
CRIMPING BAND TYPE



YAT54XX00–XXXXXX



YAT54XX45–XXXXXX



YAT54XX90–XXXXXX

Table of Dimensions

Order No.	Shell Size		Max. Entry Size	V Thread. (Class : 2B)	Dimension		
	MIL-C-81703	MIL-C-5015			C Max.	D Max.	E Max.
08	-	8 & 8S	04	1/2-20UNF	19.1	23.1	27.9
10	-	10, 10S & 10SL	06	5/8-24UNEF	19.6	23.6	29.5
12	7	12 & 12S	08	3/4-20UNEF	20.3	24.1	31.0
14	12	14 & 14S	08	7/8-20UNEF	20.8	24.6	32.5
16	19	16 & 16S	10	1-20UNEF	21.3	25.4	34.3
18	27	18	12	1 1/16-18UNEF	21.8	25.7	35.6
20	37	20	14	1 3/16-18UNEF	22.4	26.4	37.1
22	-	22	16	1 5/16-18UNEF	23.1	26.9	38.9
24	-	24	18	1 7/16-18UNEF	23.6	27.7	40.4
28	-	28	22	1 3/4-18UNS	24.9	29.2	45.2

Code 54 MIL-C-5015(MS3400), MIL-C-26482 Series II, MIL-C-83723 Series I and III, MIL-C-81703 Series III (Continued)

Smart Ring & Crimping Band Adapter

Entry Size Dimensions Smart Ring

Entry Size	Dimensions			
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	6.35	9.39-9.56	13.97	28.4
05	7.92	10.97-11.13	15.54	30.2
06	9.52	12.57-12.73	17.14	31.8
07	11.09	14.12-14.31	18.71	33.3
08	12.70	15.72-15.91	20.32	35.1
10	15.87	18.84-19.11	23.49	38.1
12	19.05	22.02-22.28	26.67	41.1
14	22.23	25.17-25.46	29.84	44.5
16	25.40	28.34-28.63	33.02	47.8
18	28.57	31.52-31.81	36.19	50.8
20	31.75	34.69-34.98	39.37	53.8
22	34.93	37.79-38.15	42.55	57.2
24	38.10	40.97-41.33	45.72	60.5

Entry Size Dimensions Crimping Band

Entry Size	Dimension					
	F Dia. ±0.1	H Dia. ±0.1	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	7.9	8.9	6.35	9.39-9.56	13.97	28.4
05	9.5	10.5	7.92	10.97-11.13	15.54	30.2
06	11.1	12.1	9.52	12.57-12.73	17.14	31.8
07	12.6	13.6	11.09	14.12-14.31	18.71	33.3
08	14.3	15.3	12.70	15.72-15.91	20.32	35.1
10	17.4	18.4	15.87	18.84-19.11	23.49	38.1
12	20.6	21.6	19.05	22.02-22.28	26.67	46.1
14	23.8	24.8	22.23	25.17-25.46	29.84	44.5
16	27.0	28.0	25.40	28.34-28.63	33.02	47.8
18	30.1	31.1	28.57	31.52-31.81	36.19	50.8
20	33.3	34.3	31.75	34.69-34.98	39.37	53.8
22	36.5	37.5	34.93	37.79-38.15	42.55	57.2
24	39.7	40.7	38.10	40.97-41.33	45.72	60.5

Boot Selection Guide

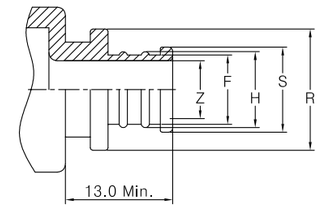
Entry Size	Dimension					
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5
24	-	-	16.8	-	-	-

Boot, Convoluted Parts

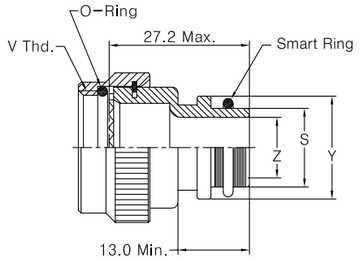
Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4
24	YHBC007	22.9

Code 47 VG96912(Bendix SJT) (Continued)

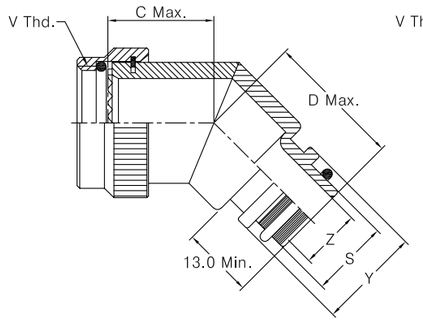
Smart Ring & Crimping Band Adapter



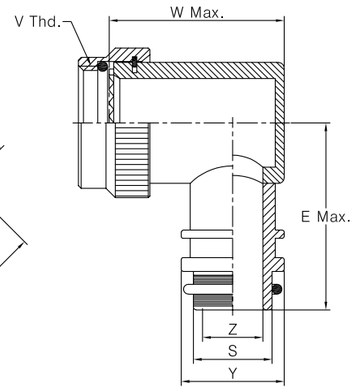
YAR47XXXX–XXXX
CRIMPING BAND TYPE



YAT47XX00–XXXXXX



YAT47XX45–XXXXXX



YAT47XX90–XXXXXX

Table of Dimensions

Order No.	Shell Size	Max. Entry Size	V Thread. (CLASS : 2B)	Dimension		
				C Max.	D Max.	E Max.
08	8	04	7/16-28UNEF	17.5	23.1	29.2
10	10	06	9/16-24UNEF	18.3	23.6	30.7
12	12	08	11/16-24UNEF	18.8	24.4	32.5
14	14	10	13/16-20UNEF	19.3	24.9	34.0
16	16	12	15/16-20UNEF	20.1	25.4	35.6
18	18	12	1 1/16-18UNEF	20.6	26.2	37.1
20	20	14	1 3/16-18UNEF	21.3	26.9	38.9
22	22	16	1 5/16-18UNEF	22.1	27.4	40.4
24	24	18	1 7/16-18UNEF	22.6	28.2	41.9

Code 47 VG96912(Bendix SJT) (Continued)

Smart Ring & Crimping Band Adapter

Entry Size Dimensions Smart Ring

Entry Size	Dimensions			
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	6.35	9.39-9.56	13.97	27.2
05	7.92	10.97-11.13	15.54	28.7
06	9.52	12.57-12.73	17.14	30.2
07	11.09	14.12-14.31	18.71	31.8
08	12.70	15.72-15.91	20.32	33.5
10	15.87	18.84-19.11	23.49	36.6
12	19.05	22.02-22.28	26.67	39.9
14	22.23	25.17-25.46	29.84	42.9
16	25.40	28.34-28.63	33.02	46.2
18	28.57	31.52-31.81	36.19	49.3

Entry Size Dimensions Crimping Band

Entry Size	Dimension					
	F Dia. ±0.1	H Dia. ±0.1	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	7.9	8.9	6.35	9.39-9.56	13.97	27.2
05	9.5	10.5	7.92	10.97-11.13	15.54	28.7
06	11.1	12.1	9.52	12.57-12.73	17.14	30.2
07	12.6	13.6	11.09	14.12-14.31	18.71	31.8
08	14.3	15.3	12.70	15.72-15.91	20.32	33.5
10	17.4	18.4	15.87	18.84-19.11	23.49	36.6
12	20.6	21.6	19.05	22.02-22.28	26.67	39.9
14	23.8	24.8	22.23	25.17-25.46	29.84	42.9
16	27.0	28.0	25.40	28.34-28.63	33.02	46.2
18	30.1	31.1	28.57	31.52-31.81	36.19	49.3

Boot Selection Guide

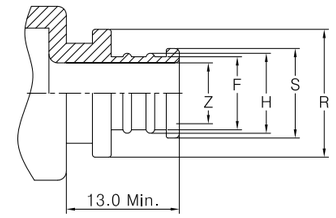
Entry Size	Dimension					
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5

Boot, Convoluted Parts

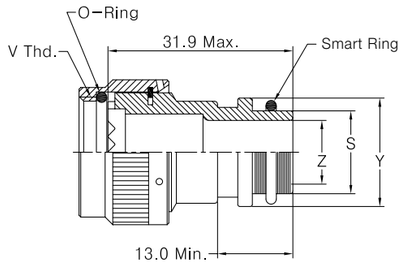
Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4

Code 64 VG95234(VEAM "CIR", YEONHAB "YHB") (Continued)

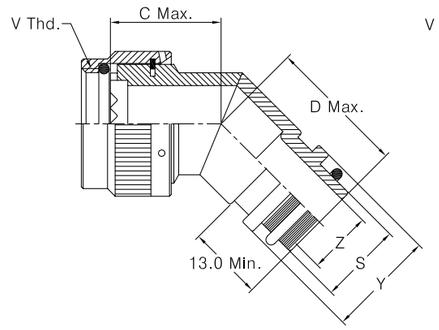
Smart Ring & Crimping Band Adapter



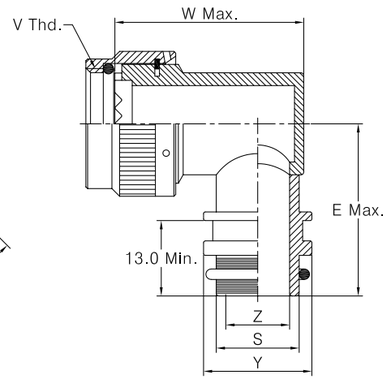
YAR64XXXX–XXXX
CRIMPING BAND TYPE



YAT64XX00–XXXXXX



YAT64XX45–XXXXXX



YAT64XX90–XXXXXX

Table of Dimensions

Order No.	Shell Size	Max. Entry Size	V Thread. (CLASS : 2B)	Dimension		
				C Max.	D Max.	E Max.
12	12	05	5/8-24UNEF	-	-	26.2
14	14	06	3/4-20UNEF	19.1	24.0	29.7
16	16	08	7/8-20UNEF	-	-	30.2
18	18	10	1-20UNEF	-	-	31.9
20	20	12	1 1/8-18UNEF	-	-	33.3
22	22	12	1 1/4-18UNEF	-	-	34.9
24	24	14	1 3/8-18UNEF	25.2	27.0	35.8
28	28	16	1 5/8-18UNEF	-	-	39.0
32	32	20	1 7/8-16UN	28.0	29.0	43.0
36	36	22	2 1/16-16UNS	29.0	30.5	45.3
40	40	24	2 5/16-16UNS	32.5	34.5	53.0

Code 64 VG95234(VEAM "CIR", YEONHAB "YHB") (Continued)

Smart Ring & Crimping Band Adapter

Entry Size Dimensions Smart Ring

Entry Size	Dimensions			
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	6.35	9.39-9.56	13.97	27.9
05	7.92	10.97-11.13	15.54	29.4
06	9.52	12.57-12.73	17.14	31.2
07	11.09	14.12-14.31	18.71	32.6
08	12.70	15.72-15.91	20.32	34.1
10	15.87	18.84-19.11	23.49	37.5
12	19.05	22.02-22.28	26.67	40.5
14	22.23	25.17-25.46	29.84	43.8
16	25.40	28.34-28.63	33.02	47.5
18	28.57	31.52-31.81	36.19	51.0
20	31.75	34.69-34.98	39.37	54.5
22	34.93	37.79-38.15	42.55	56.5
24	38.10	40.97-41.33	45.72	60.0

Entry Size Dimensions Crimping Band

Entry Size	Dimension					
	F Dia. ±0.1	H Dia. ±0.1	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38	W Max.
04	7.9	8.9	6.35	9.39-9.56	13.97	27.9
05	9.5	10.5	7.92	10.97-11.13	15.54	29.4
06	11.1	12.1	9.52	12.57-12.73	17.14	31.2
07	12.6	13.6	11.09	14.12-14.31	18.71	32.6
08	14.3	15.3	12.70	15.72-15.91	20.32	34.1
10	17.4	18.4	15.87	18.84-19.11	23.49	37.5
12	20.6	21.6	19.05	22.02-22.28	26.67	40.5
14	23.8	24.8	22.23	25.17-25.46	29.84	43.8
16	27.0	28.0	25.40	28.34-28.63	33.02	47.5
18	30.1	31.1	28.57	31.52-31.81	36.19	51.0
20	33.3	34.3	31.75	34.69-34.98	39.37	54.5
22	36.5	37.5	34.93	37.79-38.15	42.55	56.5
24	39.7	40.7	38.10	40.97-41.33	45.72	60.0

Boot Selection Guide

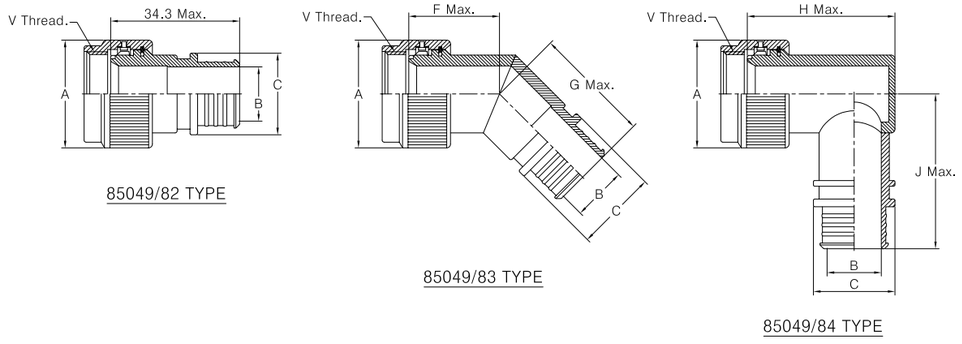
Entry Size	Dimension					
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5
24	-	-	16.8	-	-	-

Boot, Convoluted Parts

Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4
24	YHBC007	22.9

85049/82, 83, 84 MIL-C-5015(MS3400), MIL-C-26482 Series II, MIL-C-83723 Series I and III, MIL-C-81703 Series III (Continued)

Crimping Band Adapter(Self Locking Coupling)



Shell Size	A Dia. Max.	B Dia. ±0.3 Cable Entry Size		C Dia. ±0.3 Cable Entry Size		F Max.	G Max.	H Max.	J Max.	V Thread. (CLASS : 2B)
		02	03	02	03					
08	22.4	N/A	6.4	N/A	14.0	22.1	39.5	30.2	36.0	1/2-20UNF
10	25.7	N/A	7.9	N/A	15.5	22.6	30.0	32.5	37.6	5/8-24UNEF
12	28.7	7.9	11.1	15.5	18.7	23.4	30.5	35.7	39.2	3/4-20UNEF
14	32.0	11.1	14.3	18.5	21.5	23.9	31.0	38.9	40.8	7/8-20UNEF
16	35.1	12.7	15.9	20.3	23.5	24.4	31.8	42.1	42.3	1-20UNEF
18	38.4	15.9	19.1	23.5	26.7	24.9	32.0	43.6	43.9	1 1/16-18UNEF
20	41.4	15.9	20.6	23.5	28.0	25.4	32.8	46.8	45.5	1 3/16-18UNEF
24	47.8	19.1	25.4	26.7	33.0	26.7	34.0	53.2	48.7	1 7/16-18UNEF

How To Order

M85049/82 - 14 W 02

Basic Part No
M85049/82 = Straight
M85049/83 = 45°
M85049/84 = 90°

Shell Size

Finish
N = Electroless Nickel
W = 1,000 Hour Cadmium Olive Drab Over Electroless Nickel

Entry Size

YH85049/82 - 14 W 02

Basic Part No
YH85049/82 = Straight
YH85049/83 = 45°
YH85049/84 = 90°

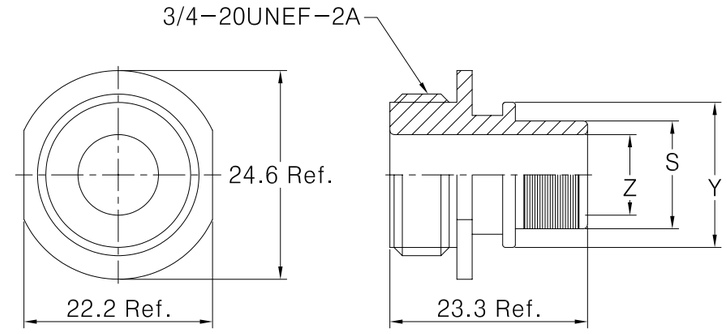
Shell Size

Finish
N = Electroless Nickel
W = 1,000 Hour Cadmium Olive Drab Over Electroless Nickel

Entry Size

Series “50073720” MIL-C-55181 (Continued)

Smart Ring Adapter



Entry Size	Z Dia. +0.25 -0.50	S Dia.	Y Dia. ±0.38
06	9.52	12.57-12.73	17.14
07	11.09	14.12-14.31	18.71
08	12.70	15.72-15.91	20.32

How To Order

Finish : Olive drab cadmium over electroless nickel plate.

50073720 - 06 AI

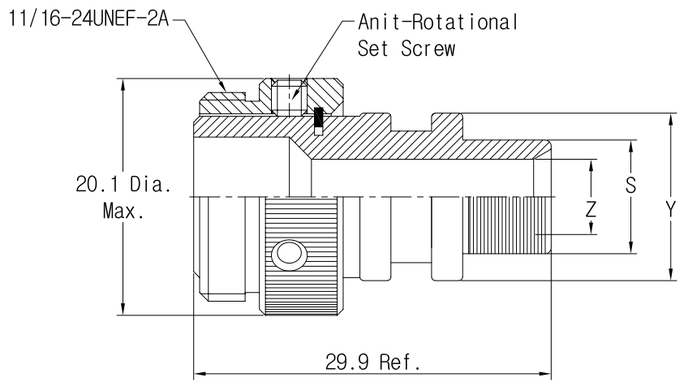
Basic Part No

Entry Size

Ring Designator
AI - Single layer 34, 36 AWG
BI - Single layer 30, 32 AWG Double layer 34, 36 AWG

Series “50073730” MIL-C-55116 (Continued)

Smart Ring Adapter



Entry Size	Z Dia. +0.25 -0.50	S Dia.	Y Dia. ±0.38
04	6.35	9.39-9.56	13.97
05	7.92	10.97-11.13	15.54
06	9.52	12.57-12.73	17.14
07	11.09	14.12-14.31	18.71

How To Order

Finish : Olive drab cadmium over electroless nickel plate.

50073730 - 06 AI

- **Basic Part No**
- **Entry Size**
- **Ring Designator**
  - AI - Single layer 34, 36 AWG
  - BI - Single layer 30, 32 AWG
    Double layer 34, 36 AWG

Series “YAT41AB90IC” MIL-DTL-38999 Series I , II (Continued)

Smart Ring Adapter

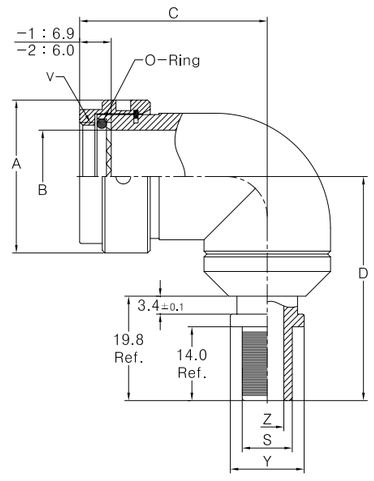


Table of Dimensions

Order No.	Shell Size	Max. Entry Size	V Thread. (CLASS : 2B)	Dimension			
				A Dia. Max.	B Dia. ±0.3	C Max.	D Max.
11	11	07	9/16-24UNEF	23.3	11.2	32.0	38.0
15	15	10	13/16-20UNEF	29.3	17.6	37.0	43.0
17	17	12	15/16-20UNEF	32.3	20.8	39.0	47.0
19	19	14	1 1/16-18UNEF	35.3	23.6	43.0	59.0
21	21	16	1 3/16-18UNEF	39.3	26.8	43.0	59.0
23	23	16	-	-	-	-	-
25	25	16	1 7/16-18UNEF	45.43	25.5	43.0	59.0
13	13	08	-	-	-	-	-

Entry Size Dimensions Smart Ring

Entry Size	Dimension		
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38
04	6.35	9.39-9.56	13.97
05	7.92	10.97-11.13	15.54
06	9.52	12.57-12.73	17.14
07	11.09	14.12-14.31	18.71
08	12.70	15.72-15.91	20.32
10	15.87	18.84-19.11	23.49
12	19.05	22.02-22.28	26.67
14	22.23	25.17-25.46	29.84
16	25.40	28.34-28.63	33.02

Boot Selection Guide

Entry Size	Standard K parts			Low-Profile D Parts		
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5

Boot, Convoluted Parts

Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4

How To Order

Finish : Olive drab cadmium over electroless nickel plate.

YAT41AB90IC - 11 04 - 2 C

- **Basic Part No**
- **Shell Size**
- **Entry Size**
- **Length**
  - -1 : 6.9
  - -2 : 6.0
- **Cone Type**

Series “YAT41AB00IC” MIL-DTL-38999 SERIES I , II (Continued)

Smart Ring Adapter

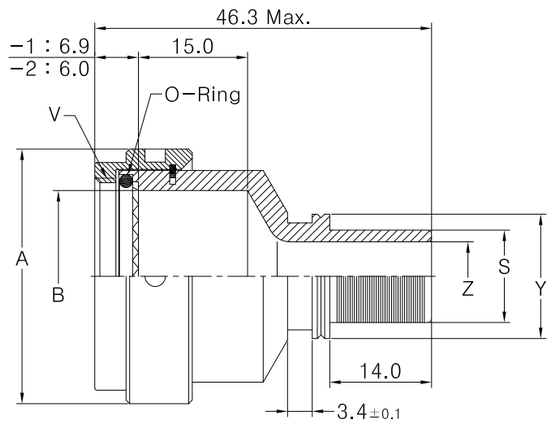


Table of Dimensions

Order No.	Shell Size	Max. Entry Size	V Thread. (CLASS : 2B)	Dimension	
				A Dia. Max.	B Dia. ±0.3
11	11	07	-	-	-
13	13	08	-	-	-
15	15	10	13/16-20UNEF	29.3	17.6
17	17	12	-	-	-
19	19	14	1 1/16-18UNEF	35.3	23.6
21	21	16	1 3/16-18UNEF	39.3	26.8
23	23	16	-	-	-
25	25	16	-	-	-

Entry Size Dimensions Smart Ring

Entry Size	Dimension		
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38
04	6.35	9.39-9.56	13.97
05	7.92	10.97-11.13	15.54
06	9.52	12.57-12.73	17.14
07	11.09	14.12-14.31	18.71
08	12.70	15.72-15.91	20.32
10	15.87	18.84-19.11	23.49
12	19.05	22.02-22.28	26.67
14	22.23	25.17-25.46	29.84
16	25.40	28.34-28.63	33.02

Boot Selection Guide

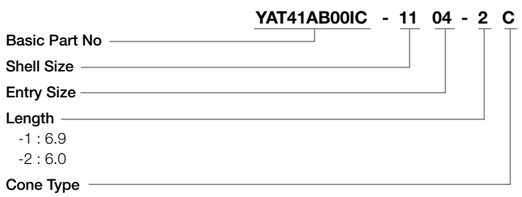
Entry Size	Standard K parts			Low-Profile D Parts		
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5

Boot, Convoluted Parts

Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4

How To Order

Finish : Olive drab cadmium over electroless nickel plate.



Series “YAT41AB45IC” MIL-DTL-38999 SERIES I , II (Continued)

Smart Ring Adapter

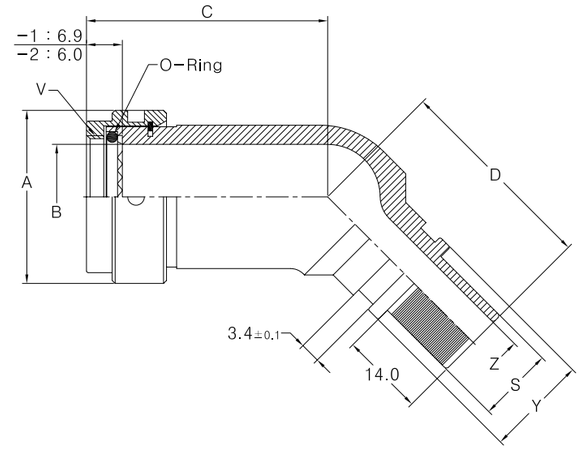


Table of Dimensions

Order No.	Shell Size	Max. Entry Size	V Thread. (CLASS : 2B)	Dimension			
				A Dia. Max.	B Dia. ±0.3	C Ref.	D Ref.
11	11	07	9/16-24UNEF	23.2	11.2	33.1	31.3
13	13	08	-	-	-	-	-
15	15	10	-	-	-	-	-
17	17	12	15/16-20UNEF	32.3	20.8	43.6	36.5
19	19	14	1 1/16-18UNEF	35.3	23.6	42.8	40.0
21	21	16	-	-	-	-	-
23	23	16	-	-	-	-	-
25	25	16	-	-	-	-	-

Entry Size Dimensions Smart Ring

Entry Size	Dimension		
	Z Dia. +0.25 -0.50	S Dia.	Y dia. ±0.38
04	6.35	9.39-9.56	13.97
05	7.92	10.97-11.13	15.54
06	9.52	12.57-12.73	17.14
07	11.09	14.12-14.31	18.71
08	12.70	15.72-15.91	20.32
10	15.87	18.84-19.11	23.49
12	19.05	22.02-22.28	26.67
14	22.23	25.17-25.46	29.84
16	25.40	28.34-28.63	33.02

Boot Selection Guide

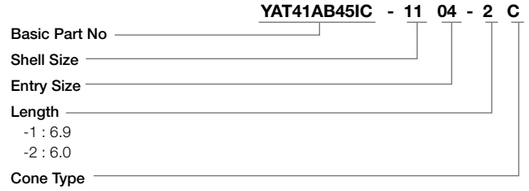
Entry Size	Standard K parts			Low-Profile D Parts		
	Straight Part No.	90° Part No.	Cable OD (Min.)	Straight Part No.	90° Part No.	Cable OD (Min.)
04	YHBK001	YHBK9001	5.6	YHBD2201	YHBD9101	6.4
05, 06	YHBK002	YHBK9002	5.9	YHBD2202	-	7.4
07, 08	YHBK003	YHBK9003	7.1	YHBD2203	YHBD9103	8.4
10, 12	YHBK004	YHBK9004	8.4	YHBD2204	-	9.7
14, 16	YHBK005	YHBK9005	9.9	YHBD2205	-	10.5
18, 20, 22	YHBK006	-	15.7	-	-	12.5

Boot, Convoluted Parts

Entry Size	Part No.	Cable OD (Min.)
04	YHBC001	4.8
05, 06, 07	YHBC002	8.1
08, 10, 12	YHBC003	12.7
12, 14, 16	YHBC004	17.5
16, 18, 20, 22	YHBC005	22.4

How To Order

Finish : Olive drab cadmium over electroless nickel plate.



Braid (브레이드)

Braid Product Name Code

AA59569	R	36	T	0375
Standard Number	Braid Type	Braid Strand Standard (AWG)	Plating Material	Braid inner diameter (mils)
	R : Round		T : Tin	
	F : Flat		S : Silver	
			N : Nickel	

Braid strand standard (A-A-59569A)

Standard (AWG)	Strand diameter (mm)
36	0.127
34	0.160
32	0.203
30	0.254

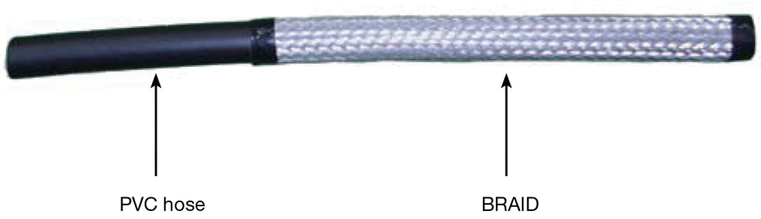
Braid Product Name Code (50073712)

50073712	1	0	10
Standard Number	Plating Material	Shield rate	Braid bore code
	0: Tin-plated annealed copper wire	0 : 90%	
	1: Nickel-plated annealed copper wire	1 : 93%	

Braid Bore Code (50073712)

Inner Diameter (mm)	Symbol	Inner Diameter (mm)	Symbol
3.0	01	12.5	06, 15, 21
4.0	02, 11, 17	15.0	07
5.0	03	20.0	08, 16, 22
6.0	04, 12, 18	25.0	09
7.5	13, 19	30.0	10
10.0	05, 14, 20		

Braid configuration



Solder sleeve (솔더 슬리브)

Solder Sleeve Product Name Code

S0	1	02	Y
Class I	Standard classification	Solder Sleeve Bore Code	Manufacturer
			(Yeonhab)

Solder Sleeve Standard Classification

Symbol	Standard
1	SAE AS83519/1
2	SAE AS83519/2

Solder Sleeve Bore Code

Symbol	Bore A (mm) min.	Bore B (mm) min.	Lead wire (SAE AS83519/2 Applicable)
01	1.91	2.67	M22759/32-20
02	2.67	3.68	M22759/32-20
03	4.32	5.08	M22759/32-20
04	5.97	6.48	M22759/32-20
05	6.99	7.62	M22759/32-20
06	1.91	2.67	M22759/32-22
07	2.67	3.68	M22759/32-22
08	4.32	5.08	M22759/32-22
09	5.97	6.48	M22759/32-22
10	6.99	7.62	M22759/32-22
11	1.91	2.67	M22759/32-24
12	2.67	3.68	M22759/32-24
13	4.32	5.08	M22759/32-24
14	5.97	6.48	M22759/32-24
15	6.99	7.62	M22759/32-24
16	1.91	2.67	M22759/32-26
17	2.67	3.68	M22759/32-26
18	4.32	5.08	M22759/32-26
19	5.97	6.48	M22759/32-26
20	6.99	7.62	M22759/32-26

Solder Sleeve Bore Code

