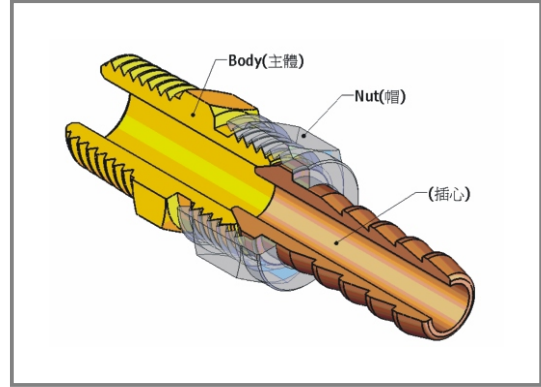
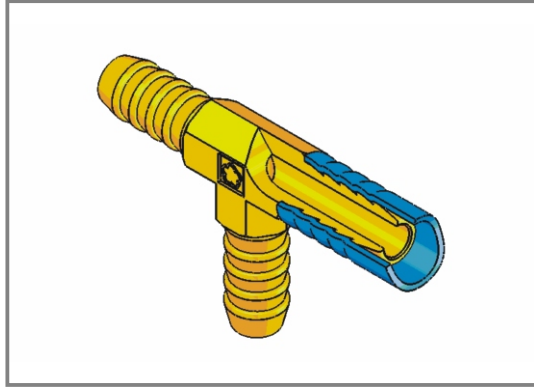


# A/E Hose Barb Fittings



**A/E series**  
Hose Barb Fittings  
插心系列

## A/E Hose Barb Fittings 插心系列



### 特點

應用於低壓水的傳遞。  
使用hose 軟管，可以重複使用。

### 材質

接頭、螺帽均採用黃銅JIS3604材質加工而成。  
彎頭、三通均採用黃銅JIS3771材質鍛造並加工而成。

### 工作溫度

使用於-40°C~71°C。

### 工作壓力

最大10.5bar的壓力使用。

### 組裝步驟

1. 正切且乾淨的剪切軟管到所需長度。
2. 套上束套於軟管上。
3. 塗上些許潤滑劑於軟管內，再將軟管推入接頭，直到軟管底端碰觸六角。
4. 如下圖，將束套移至定位，並使用螺絲起子或板手將束套夾緊。

### Characteristic

Use for water flow in low pressure,  
Use with hose tubing, Can be used repeatedly.

### Material

All connector, nut are machined from brass JIS3604  
All elbow, tee are forged and machined from brass JIS3771

### Working Temperature

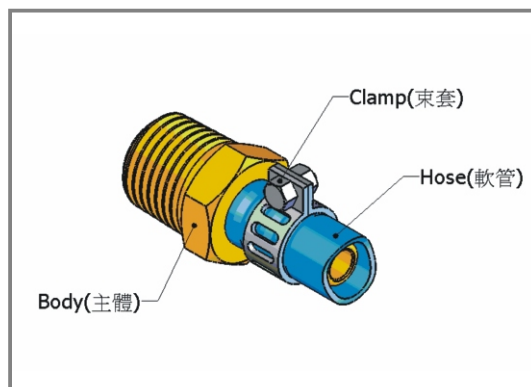
From -40°F~160°F

### Working Pressure




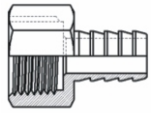


150 PSI maximum

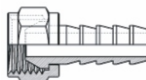

### Assembly Instruction

1. Cut hose clearly and squarely to length
2. Slide clamp on hose
3. Lubricate hose. Push hose on fitting until hose bottoms against stop ring or hex
4. As shown below, position hose clamp and secure with Screwdriver or wrench.

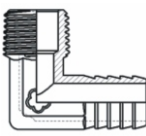
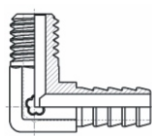
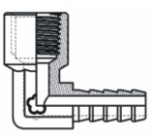
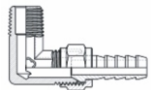


## Adapter

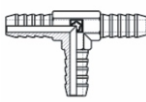
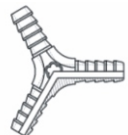
<p><b>E04</b> 雙頭插心 Union</p>  <p>Page A/E 17</p>	<p><b>E03</b> 管牙插心接頭 Male Connector</p>  <p>Page A/E 16-17</p>	<p><b>A13</b> 惠氏牙接頭 Whitworth Connector</p>  <p>Page A/E 15</p>	<p><b>E08</b> 內牙插心接頭 Female Connector</p>  <p>Page A/E 18</p>	<p><b>E10</b> 活動帽 Swivel Nut</p>  <p>Page A/E 19</p>	<p><b>E10</b> 活動插心 Swivel Hose-Barb</p>  <p>Page A/E 19</p>
---	---	--	---	---	--

<p><b>E10</b> 活動心&amp;螺帽 Hose-Barb &amp; Nut</p>  <p>Page A/E 19</p>	<p><b>E10</b> 活動接頭組 Hose-Barb Connector</p>  <p>Page A/E 19</p>				
---	--	--	--	--	--

## Elbow

<p><b>A01</b> 外牙彎頭 Male Elbow</p>  <p>Page A/E 14</p>	<p><b>A13</b> 惠氏牙彎頭 Whitworth Male Elbow</p>  <p>Page A/E 15</p>	<p><b>A15</b> 內牙彎頭 Female Elbow</p>  <p>Page A/E 15</p>	<p><b>E10</b> 活動彎頭組 Hose-Barb Swivel Elbow</p>  <p>Page A/E 19</p>		
--	---	--	--	--	--

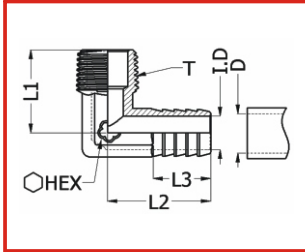
## Tee

<p><b>E05-T</b> 插心三通 Union Tee</p>  <p>Page A/E 17</p>	<p><b>E05-Y</b> Y型插心三通 Y Union Tee</p>  <p>Page A/E 18</p>				
---	---	--	--	--	--

A/E	Pipe Fittings
A/E	Hose Barb
H	45° Flared
S	Compression
SB	Bite Type
N	Fast-In Fittings
NF	Ferrule Quick
P	Push-In Fittings
V	Valves

## A01

### 外牙插心彎頭 Male Hose-Barb Elbow



產品編號	管牙 T	適用管徑 D	L1	L2	L3	HEX	I.D
PART NO.	PipeThread T	TubeSize D					
A01-L101	1/8	1/8	18.0	21.5	14	9.5	2
A01-L1015	1/8	3/16	18.0	21.5	14.5	9.5	3
A01-L102	1/8	1/4	18.0	27.0	20	9.5	4
A01-L1025	1/8	5/16	18.0	27.0	20	9.5	5.5
A01-L103	1/8	3/8	18.0	27.0	19	9.5	5.5
A01-L202	1/4	1/4	23.5	30.5	20	11.5	4
A01-L2025	1/4	5/16	23.5	30.5	20	11.5	5.5
A01-L203	1/4	3/8	23.5	31	20	11.5	7
A01-L204	1/4	1/2	23	30.5	20	13	8
A01-L205	1/4	5/8	27	35.5	20	15	8
A01-L302	3/8	1/4	23.5	30	20	11	4
A01-L3025	3/8	5/16	23.5	30	20	11	5.5
A01-L303	3/8	3/8	23.5	30	20	11	7
A01-L304	3/8	1/2	28	35	20	15	9.5
A01-L305	3/8	5/8	28	35.5	20	15	10.5
A01-L402	1/2	1/4	31	33.5	20	15	4
A01-L4025	1/2	5/16	31	33.5	20	15	5.5
A01-L403	1/2	3/8	31	33.5	20	15	7
A01-L404	1/2	1/2	30	33.5	20	15	9.5
A01-L405	1/2	5/8	29.5	35.5	20.4	15	11
A01-L406	1/2	3/4	30.5	39	25.5	17	13
A01-L604	3/4	1/2	34.5	43	26	25.5	8
A01-L605	3/4	5/8	34.5	50	32.5	25.5	11
A01-L606	3/4	3/4	34.5	50	32.5	25.5	14
A01-L608	3/4	1"	34.5	50.5	32.5	25.5	19
A01-L806	1"	3/4	44	50.5	32.5	31.5	14
A01-L808	1"	1"	44	50.5	32.5	31.5	19
A01-L8082	1"	1-1/4"	44	50.5	30.5	31.5	24

A/E  
Pipe Fittings

A/E  
Hose Barb

H  
45° Flared

S  
Compression

S B  
Bite Type

N  
Fast-In Fittings

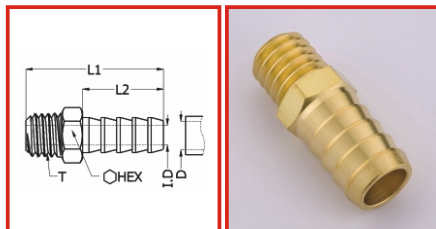
N F  
Ferrule Quick

P  
Push-In Fittings

V  
Valves

## A13

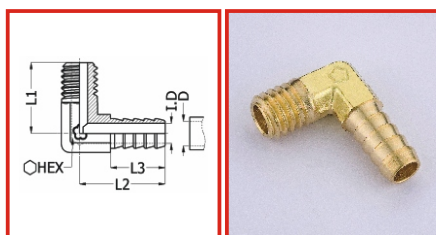
惠氏牙插心接頭 Whitworth male Hose-Barb Connector



產品編號	惠氏牙 T	適用管徑 D	L1	L2	HEX	I.D
PART NO.	Whitworth T	TubeSize D				
A13-C3025	W3/8	5/16	34	20	10	5
A13-C303	W3/8	3/8	34	20	12	5
A13-C304	W3/8	1/2	34	20	14	5
A13-C403	W1/2	3/8	37	20	14	7
A13-C404	W1/2	1/2	37	20	14	7

## A13

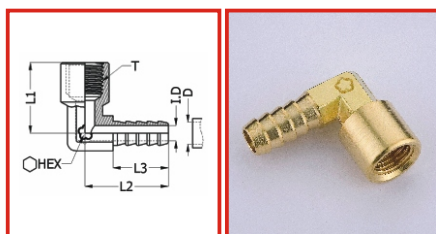
惠氏牙插心彎頭 Whitworth male Hose-Barb Elbow



產品編號	惠氏牙 T	適用管徑 D	L1	L2	L3	HEX	I.D
PART NO.	Whitworth T	TubeSize D					
A13-L303	W3/8	3/8	18.5	27.5	19	9.5	5
A13-L304	W3/8	1/2	21	31.5	20	13	5
A13-L403	W1/2	3/8	23.5	31.5	20	11.5	7
A13-L404	W1/2	1/2	23	31.5	20	13	8

## A15

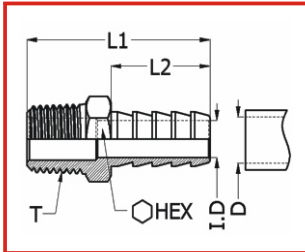
內牙插心彎頭 Female Hose-Barb Elbow



產品編號	內管牙 T	適用管徑 D	L1	L2	L3	HEX	I.D
PART NO.	PipeThread T	TubeSize D					
A15-LM202	1/4	1/4	26	30	20	11	4
A15-LM2025	1/4	5/16	26	30.5	20	11	5.5
A15-LM203	1/4	3/8	26	30.5	20	11	7
A15-LM303	3/8	3/8	31.5	33.5	20	15	7
A15-LM304	3/8	1/2	31.5	33.5	20	15	9.5

## E03

### 管牙插心接頭 Male Hose-Barb Connector



產品編號	管牙 T	適用管徑 D	L1	L2	HEX	I.D
PART NO.	PipeThread T	TubeSize D				
E03-C101	1/8	1/8	26	12	10	2
E03-C1015	1/8	3/16	26	12	10	3
E03-C102	1/8	1/4	34	20	10	4
E03-C1025	1/8	5/16	34	20	10	5.5
E03-C103	1/8	3/8	34	20	12	5.5
E03-C201	1/4	1/8	29	12	14	2
E03-C2015	1/4	3/16	29	12	14	3
E03-C202	1/4	1/4	37	20	14	4
E03-C2025	1/4	5/16	37	20	14	5.5
E03-C203	1/4	3/8	37	20	14	7
E03-C204	1/4	1/2	37	20	14	8
E03-C205	1/4	5/8	40	23	17	8
E03-C302	3/8	1/4	37	20	17	4
E03-C3025	3/8	5/16	37	20	17	5.5
E03-C303	3/8	3/8	37	20	17	7
E03-C304	3/8	1/2	37	20	17	9.5
E03-C305	3/8	5/8	40	23	17	11
E03-C306	3/8	3/4	44	26	21	10.5
E03-C402	1/2	1/4	40.5	20	21	4
E03-C4025	1/2	5/16	40.5	20	21	5.5
E03-C403	1/2	3/8	40.5	20	21	7
E03-C404	1/2	1/2	40.5	20	21	9.5
E03-C405	1/2	5/8	43.5	23	21	12
E03-C406	1/2	3/4	46.5	26	21	15
E03-C408	1/2	1"	50	28.5	27	14
E03-C603	3/4	3/8	42	20	27	7
E03-C604	3/4	1/2	42	20	27	9.5
E03-C605	3/4	5/8	45	23	27	12
E03-C606	3/4	3/4	48	26	27	15
E03-C608	3/4	1"	50.5	28.5	27	19
E03-C804	1"	1/2	45.5	20	34	9.5
E03-C806	1"	3/4	54	28.5	34	15
E03-C808	1"	1"	54	28.5	34	20

A/E  
Pipe Fittings

A/E  
Hose Barb

H  
45° Flared

S  
Compression

S/B  
Bite Type

N  
Fast-In Fittings

N/F  
Ferrule Quick

P  
Push-In Fittings

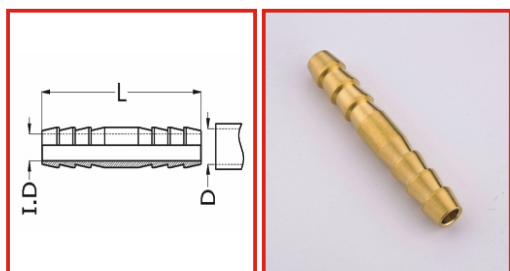
V  
Valves

# A/E series Hose Barb Fittings 插心系列

產品編號	管牙 T	適用管徑 D	L1	L2	HEX	I.D
PART NO.	PipeThread T	TubeSize D				
E03-C8082	1"	1"-1/4	54	28.5	34	26
E03-C8084	1"	1"-1/2	55.5	28.5	40	26
E03-C8206	1-1/4"	3/4	58	28.5	42	15
E03-C8208	1-1/4"	1"	58	28.5	42	20
E03-C8282	1-1/4"	1-1/4"	58	28.5	42	27
E03-C8284	1-1/4"	1-1/2"	58	28.5	42	32
E03-C8408	1-1/2"	1"	58	28.5	48	20
E03-C8482	1-1/2"	1-1/4"	58	28.5	48	27
E03-C8484	1-1/2"	1-1/2"	58	28.5	48	32

## E04

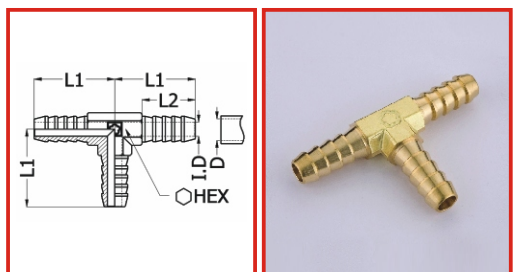
雙頭插心 Union



產品編號	適用管徑 D	L	I.D
PART NO.	TubeSize D		
E04-C15	3/16	45	3
E04-C2	1/4	45.5	4
E04-C25	5/16	55	5.5
E04-C3	3/8	55	7
E04-C4	1/2	55	9.5
E04-C5	5/8	60	12
E04-C6	3/4	60	14

## E05

插心三通 Union Hose-Barb Tee



產品編號	適用管徑 D	L1	L2	I.D
PART NO.	TubeSize D			
E05-T1	1/8	21.5	14	2
E05-T15	3/16	22	14.5	3
E05-T2	1/4	22	14.5	4
E05-T25	5/16	29	20	5.5
E05-T3	3/8	29	20	7
E05-T4	1/2	29	20	9.5
E05-T5	5/8	33.5	23	12
E05-T6	3/4	35	23	15

A/E  
Pipe Fittings

A/E  
Hose Barb

H  
45° Flared

S  
Compression

SB  
Bite Type

N  
Fast-In Fittings

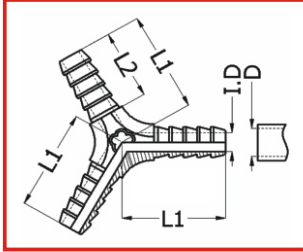
NF  
Ferrule Quick

P  
Push-In Fittings

V  
Valves

## E05

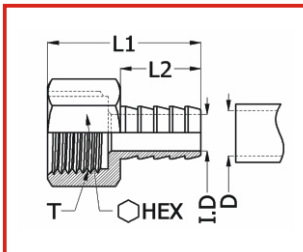
Y 型插心三通 Y-Type Union Hose-Barb



產品編號	適用管徑 D	L1	L2	I.D
PART NO.	TubeSize D			
E05-Y2	1/4	29	20	4
E05-Y25	5/16	29	20	5.5
E05-Y3	3/8	30	20	7
E05-Y4	1/2	31	20	9.5
E05-Y5	5/8	33.5	23	12

## E08

內牙插心接頭 Female Hose-Barb Connector



產品編號	內管牙 T	適用管徑 D	L1	L2	HEX	I.D
PART NO.	PipeThread T	TubeSize D				
E08-CM102	1/8	1/4	32	20	12	4
E08-CM1025	1/8	5/16	32	20	12	5.5
E08-CM103	1/8	3/8	32	20	12	7
E08-CM2015	1/4	3/16	27	12	17	3
E08-CM202	1/4	1/4	35	20	17	4
E08-CM2025	1/4	5/16	35	20	17	5.5
E08-CM203	1/4	3/8	35	20	17	7
E08-CM204	1/4	1/2	35	20	17	9.5
E08-CM302	3/8	1/4	35	20	21	4
E08-CM3025	3/8	5/16	35	20	21	5.5
E08-CM303	3/8	3/8	35	20	21	7
E08-CM304	3/8	1/2	35	20	21	9.5
E08-CM402	1/2	1/4	38	20	24	4
E08-CM4025	1/2	5/16	38	20	24	5.5
E08-CM403	1/2	3/8	38	20	24	7
E08-CM404	1/2	1/2	38	20	24	9.5

A/E  
Pipe Fittings

A/E  
Hose Barb

H  
45° Flared

S  
Compression

S B  
Bite Type

N  
Fast-In Fittings

N F  
Ferrule Quick

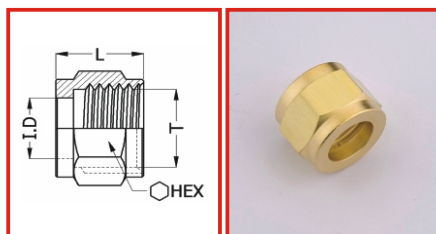
P  
Push-In Fittings

V  
Valves



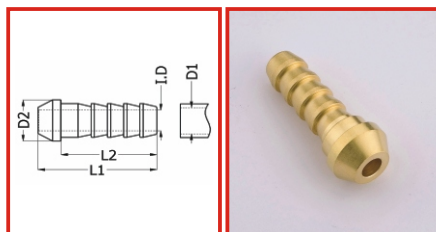
## E10

### 活動帽 Swivel Nut



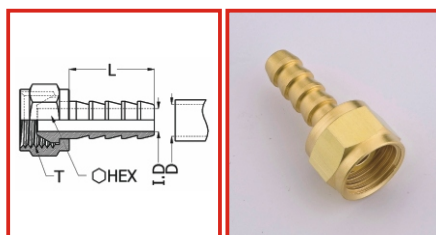
產品編號	內直牙 T	L	HEX	I.D
PART NO.	Thread T			
E10-00-2	PS 1/4	12	15	9.2
E10-00-3	PS 1/4	12	15	10.6
E10-00-4	PS 1/2	17	24	15.9
E10-00-6	PS 3/4	18	32	21.5

### 活動插心 Swivel Hose Barb



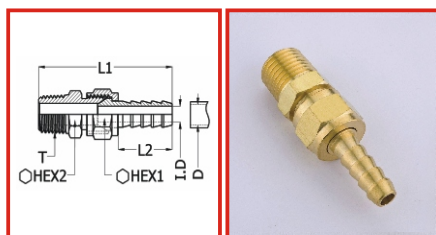
產品編號	適用管徑 D1	L1	L2	D2	I.D
PART NO.	TubeSize D1				
E10-01-2	1/4	28.5	23	11	4
E10-01-25	5/16	28.5	23	11	5.5
E10-01-3	3/8	28.5	23	11.5	7
E10-01-4	1/2	30.5	22.5	18	9.5
E10-01-6	3/4	37.5	29	23.7	15

### 活動插心與帽 Swivel Nut & Hose Barb



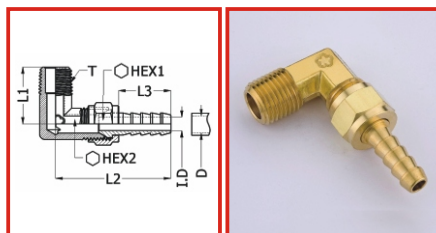
產品編號	內直牙 T	適用管徑 D	L	HEX	I.D
PART NO.	Thread T	TubeSize D			
E10-202	PS 1/4	1/4	20.6	15	4
E10-2025	PS 1/4	5/16	20.6	15	5.5
E10-203	PS 1/4	3/8	20.6	15	7
E10-404	PS 1/2	1/2	20	24	9.5
E10-606	PS 3/4	3/4	26	32	15

### 活動插心接頭組 Swivel Connector



產品編號	管牙 T	適用管徑 D	L1	L2	HEX1	HEX2	I.D
PART NO.	PipeThread T	TubeSize D					
E10-C202	1/4	1/4	51	20.6	15	14	4
E10-C2025	1/4	5/16	51	20.6	15	14	5.5
E10-C203	1/4	3/8	51.3	20.6	15	14	7

### 活動插心彎頭組 Swivel Elbow



產品編號	管牙 T	適用管徑 D	L1	L2	L3	HEX1	HEX2	I.D
PART NO.	PipeThread T	TubeSize D						
E10-L202	1/4	1/4	23.5	45.5	20.6	15	11	4
E10-L2025	1/4	5/16	23.5	45.5	20.6	15	11	5.5
E10-L203	1/4	3/8	23.5	45.5	20.6	15	11	7