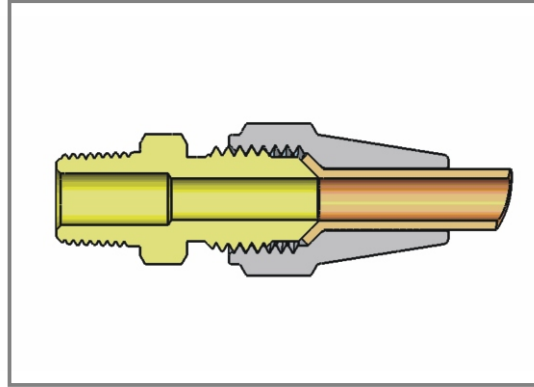
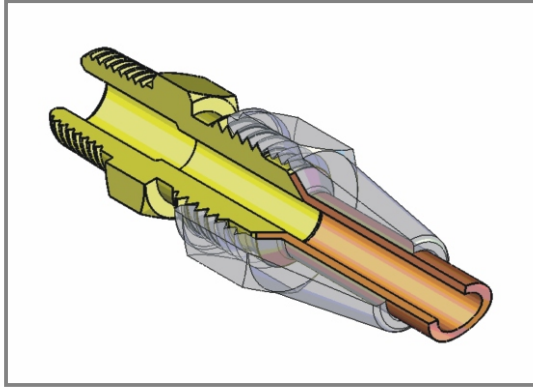


H 45° Flared Fittings



H series
45° Flared Fittings
45° 喇叭口系列

H 45° Flared Fittings 45° 喇叭口系列



特點

應用於液態流體或瓦斯之傳遞。
使用紅銅、黃銅、鋁及焊接油壓鋼管等可以進行擴孔的管類。
這類接頭可抵抗機械性外拉力，而且可以重複拆裝。

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-53°C~ 121°C。

工作壓力

在室溫20 C的情況下使用紅銅管

O.D. 1/8"	175Bar
O.D. 1/4"	100Bar
O.D. 3/8"	70Bar
O.D. 1/2"	50Bar
O.D. 5/8"	40Bar
O.D. 3/4"	35Bar
O.D. 7/8"	30Bar

組裝步驟

1. 正交的剪切管到所需長度，並清除去管子毛邊。
2. 先將螺帽穿過管，螺帽的螺紋端要朝外側。
3. 使用擴孔工具將管子端面擴孔成45°喇叭狀。
4. 先用手旋緊螺帽與主體，將喇叭狀之管端夾壓於其中，然後再用扳手順時鐘旋緊1/4圈，即達金屬對金屬之緊密配合，組裝完成。

Characteristic

Use for hard-to-hold liquids and gases.
Use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared. Can resist mechanical pullout.
Can be assembled and disassembled repeatedly.

Material

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

Working Temperature

From -65°F~250°F

Working Pressure

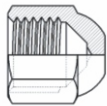
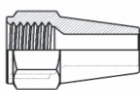
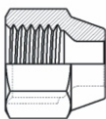
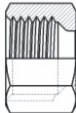
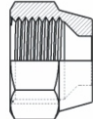
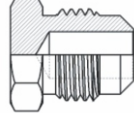
With copper tubing under 68° F temperature

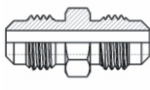
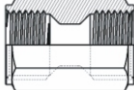
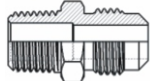
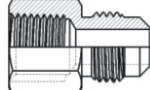
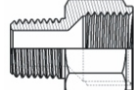
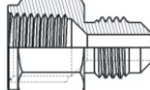
O.D. 1/8"	2500PSI
O.D. 1/4"	1500PSI
O.D. 3/8"	1000PSI
O.D. 1/2"	750PSI
O.D. 5/8"	600PSI
O.D. 3/4"	500PSI
O.D. 7/8"	400PSI

Assembly Instruction

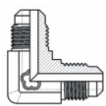
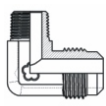
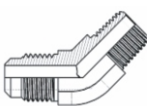
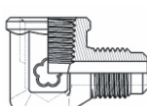
1. Cut tubing squarely and clean tube end to remove burrs.
2. Slide nut onto tubing, place threaded end of nut face out.
3. Flare tube end with flaring tool to provide 45° flare.
4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight.
Tighten with a wrench an additional 1/4 turn for a metal-to-metal seal.

Adapter

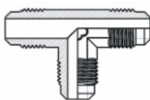
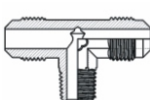
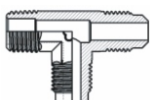
<p>H00 螺帽蓋 Cap Nut</p>  <p>Page H 3</p>	<p>H01-L 長螺帽 Long Nut</p>  <p>Page H 4</p>	<p>H01 螺帽 Nut</p>  <p>Page H 3</p>	<p>H01-0 平口螺帽 Short Nut</p>  <p>Page H 3</p>	<p>H01 減壓螺帽 Reduce Nut</p>  <p>Page H 4</p>	<p>H13 喇叭油塞 Flared Plug</p>  <p>Page H 11</p>
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<p>H06 由任接頭 Union</p>  <p>Page H 8</p>	<p>H12 由任內接頭 Flared Union</p>  <p>Page H 11</p>	<p>H02 外牙接頭 Male Connector</p>  <p>Page H 5</p>	<p>H09 內牙接頭 Female Connector</p>  <p>Page H 10</p>	<p>H10 外牙內喇叭接頭 Male to Female Flared</p>  <p>Page H 10</p>	<p>H11 內外喇叭接頭 Reducing Connector</p>  <p>Page H 11</p>
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Elbow

<p>H07 由任彎頭 Union Elbow</p>  <p>Page H 9</p>	<p>H03 外牙彎頭 Male Elbow</p>  <p>Page H 6</p>	<p>H14 45° 外牙彎頭 45° Male Elbow</p>  <p>Page H 12</p>	<p>H15 內牙彎頭 Female Elbow</p>  <p>Page H 12</p>		
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Tee

<p>H08 由任三通 Union Tee</p>  <p>Page H 9</p>	<p>H04 牙中三通 Branch Tee</p>  <p>Page H 7</p>	<p>H05 牙邊三通 Run Tee</p>  <p>Page H 8</p>			
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A/E
Pipe Fittings

A/E
Hose Barb

H
45° Flared

S
Compression

S/B
Bite Type

N
Fast-In Fittings

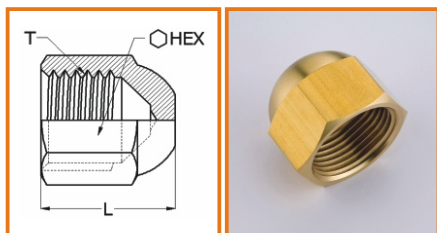
N/F
Ferrule Quick

P
Push-In Fittings

V
Valves

H00

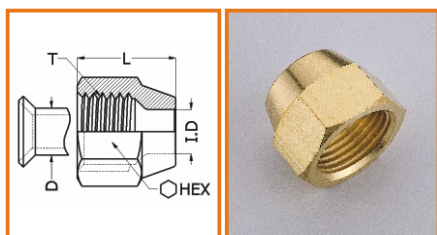
螺帽蓋 Cap Nut



產品編號	直牙 T	L	HEX
PART NO.	Thread T		
H00-15	3/8-24	12.5	11
H00-2	7/16-20	14	14
H00-25	1/2-20	14.5	16
H00-3	9/16-18	15.5	19
H00-3-1	5/8-18	17	19
H00-4	3/4-16	20.5	24
H00-5	7/8-14	22	27
H01-6	1"1/16-14	23.5	32

H01

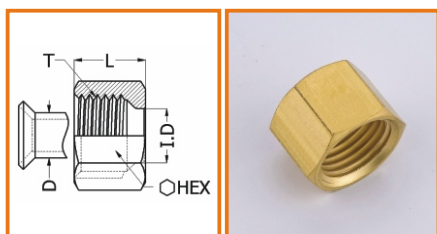
螺帽 Nut



產品編號	適用管徑 D	直牙 T	L	HEX	I.D
PART NO.	TubeSize D	Thread T			
H01-15	3/16	3/8-24	13.5	11	4.95
H01-2	1/4	7/16-20	14.5	14	6.6
H01-25	5/16	1/2-20	14.5	16	8.2
H01-3	3/8	9/16-18	16	19	9.8
H01-3-1	3/8	5/8-18	17.7	19	9.8
H01-4	1/2	3/4-16	21	24	13
H01-5	5/8	7/8-14	22	27	16.2
H01-6	3/4	1"1/16-14	25	32	19.3

H01-0

平口螺帽 Short Nut



產品編號	適用管徑 D	直牙 T	L	HEX	I.D
PART NO.	TubeSize D	Thread T			
H01-15-0	3/16	3/8-24	11.5	11	4.95
H01-2-0	1/4	7/16-20	11.5	14	6.7
H01-3-0	3/8	9/16-18	12.7	17	9.8
H01-4-0	1/2	3/4-16	20	23	13.2

A/E
Pipe Fittings

A/E
Hose Barb

H
45° Flared

S
Compression

S/B
Bite Type

N
Fast-In Fittings

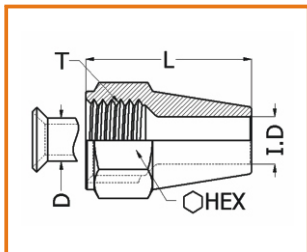
N/F
Ferrule Quick

P
Push-In Fittings

V
Valves

H01-L

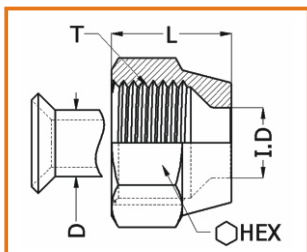
長螺帽 Long Nut



產品編號	適用管徑 D	直牙	L	HEX	I.D
PART NO.	TubeSize D	Thread T			
H01-15L	3/16	3/8-24	20.5	11	4.95
H01-2L	1/4	7/16-20	23.5	14	6.6
H01-25L	5/16	1/2-20	23.5	16	8.2
H01-3-1L	3/8	5/8-18	26.5	19	9.8
H01-4L	1/2	3/4-16	30	24	13
H01-5L	5/8	7/8-14	34.5	27	16.2
H01-6L	3/4	1"1/16-14	39	32	19.3

H01

減壓螺帽 Reducing Nut



產品編號	適用管徑 D	直牙 T	L	HEX	I.D
PART NO.	TubeSize D	Thread T			
H01-302-1	3/8 to 1/4	5/8-18	17.7	19	6.6
H01-403	1/2 to 3/8	3/4-16	21	24	9.8
H01-504	5/8 to 1/2	7/8-14	22	27	13
H01-605	3/4 to 5/8	1"1/16-14	25	32	16.2

A/E
Pipe Fittings

A/E
Hose Barb

H
45° Flared

S
Compression

S/B
Bite Type

N
Fast-In Fittings

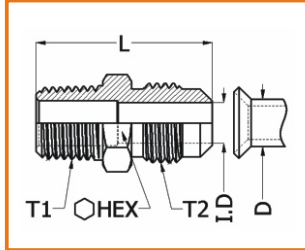
N/F
Ferrule Quick

P
Push-In Fittings

V
Valves

H02

外牙接頭 Male Connector

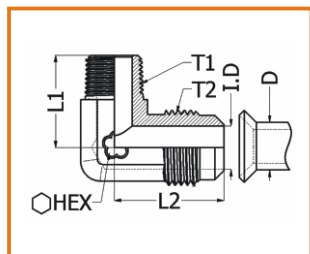


產品編號	管牙 T1	適用管徑 D	直牙 T2	L	HEX	I.D
PART NO.	PipeThread T1	TubeSize D	Thread T2			
H02-C102	1/8	1/4	7/16-20	26	12	4.8
H02-C1025	1/8	5/16	1/2-20	27	13	5.5
H02-C103-1	1/8	3/8	5/8-18	29	17	5.5
H02-C202	1/4	1/4	7/16-20	29	14	4.8
H02-C2025	1/4	5/16	1/2-20	30	14	5.5
H02-C203	1/4	3/8	9/16-18	31	15	7.2
H02-C203-1	1/4	3/8	5/8-18	32	17	7.2
H02-C204	1/4	1/2	3/4-16	36	21	8.0
H02-C205	1/4	5/8	7/8-14	37	23	8.0
H02-C302	3/8	1/4	7/16-20	29	17	4.8
H02-C3025	3/8	5/16	1/2-20	30	17	5.5
H02-C303	3/8	3/8	9/16-18	31	17	7.2
H02-C303-1	3/8	3/8	5/8-18	32	17	7.2
H02-C304	3/8	1/2	3/4-16	36	21	10.3
H02-C305	3/8	5/8	7/8-14	37	23	10.5
H02-C402	1/2	1/4	7/16-20	33	21	4.8
H02-C4025	1/2	5/16	1/2-20	34	21	5.5
H02-C403	1/2	3/8	9/16-18	35	21	7.2
H02-C403-1	1/2	3/8	5/8-18	35.5	21	7.2
H02-C404	1/2	1/2	3/4-16	38.5	21	10.3
H02-C405	1/2	5/8	7/8-14	39.5	23	12.7
H02-C603-1	3/4	3/8	5/8-18	38	27	7.2
H02-C604	3/4	1/2	3/4-16	40	27	10.3
H02-C605	3/4	5/8	7/8-14	41	27	12.7
H02-C606	3/4	3/4	1"1/16-14	43	27	15.9

- 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

H03

外牙彎頭 Male Elbow

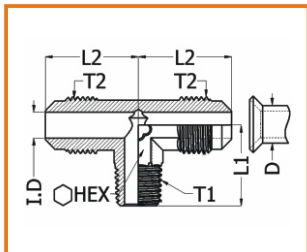


產品編號	管牙 T1	適用管徑 D	直牙 T2	L1	L2	HEX	I.D
PART NO.	PipeThread T1	TubeSize D	Thread T2				
H03-L1015	1/8	3/16	3/8-24	18	21	9.5	3.2
H03-L102	1/8	1/4	7/16-20	18	21.5	9.5	4.8
H03-L1025	1/8	5/16	1/2-20	20	23.5	11	5.5
H03-L103	1/8	3/8	9/16-18	20.5	25.5	13	5.5
H03-L103-1	1/8	3/8	5/8-18	20.5	26.5	13	5.5
H03-L104	1/8	1/2	3/4-16	23	30	13	5.5
H03-L202	1/4	1/4	7/16-20	23.5	23	11	4.8
H03-L2025	1/4	5/16	1/2-20	24	24.5	13	5.5
H03-L203	1/4	3/8	9/16-18	25.5	24	13	7.2
H03-L203-1	1/4	3/8	5/8-18	24	26.5	13	7.2
H03-L204	1/4	1/2	3/4-16	25.5	30	13	8.0
H03-L205	1/4	5/8	7/8-14	27	32	17	8.0
H03-L302	3/8	1/4	7/16-20	24	23	11	4.8
H03-L3025	3/8	5/16	1/2-20	25	24.5	13	5.5
H03-L303	3/8	3/8	9/16-18	25	25.5	13	7.2
H03-L303-1	3/8	3/8	5/8-18	26	27	13	7.2
H03-L304	3/8	1/2	3/4-16	25.5	30	13	9.0
H03-L305	3/8	5/8	7/8-14	27	32	17	10.5
H03-L402	1/2	1/4	7/16-20	31.5	28.5	15	4.8
H03-L4025	1/2	5/16	1/2-20	31.5	29	15	5.5
H03-L403	1/2	3/8	9/16-18	31	30	15	7.2
H03-L403-1	1/2	3/8	5/8-18	31.5	31	15	7.2
H03-L404	1/2	1/2	3/4-16	31.5	32	15	10.3
H03-L405	1/2	5/8	7/8-14	32	32	17	12.7
H03-L604	3/4	1/2	3/4-16	34	35	21	10.3
H03-L605	3/4	5/8	7/8-14	34	35	21	12.7
H03-L606	3/4	3/4	1"1/16-14	34	36	21	15.9

A/E
Pipe FittingsA/E
Hose BarbH
45° FlaredS
CompressionSB
Bite TypeN
Fast-In FittingsNF
Ferrule QuickP
Push-In FittingsV
Valves

H04

牙中三通 Male Branch Tee

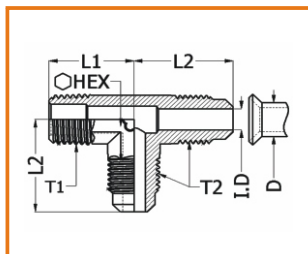


產品編號	管牙 T1	適用管徑 D	直牙 T2	L1	L2	HEX	I.D
PART NO.	PipeThread T1	TubeSize D	Thread T2				
H04-T102	1/8	1/4	7/16-20	18.5	22.5	9.5	4.8
H04-T202	1/4	1/4	7/16-20	24.5	22	10	4.8
H04-T2025	1/4	5/16	1/2-20	22	24	11	5.5
H04-T203	1/4	3/8	9/16-18	23.5	26	12	7.2
H04-T203-1	1/4	3/8	5/8-18	22.5	26.5	12	7.2
H04-T204	1/4	1/2	3/4-16	25	30.5	15	8
H04-T302	3/8	1/4	7/16-20	25	24	12	4.8
H04-T3025	3/8	5/16	1/2-20	25	25	12	5.5
H04-T303	3/8	3/8	9/16-18	25	26	12	7.2
H04-T303-1	3/8	3/8	5/8-18	25	26.5	12	7.2
H04-T304	3/8	1/2	3/4-16	25.5	30.5	15	10.3
H04-T402	1/2	1/4	7/16-20	29.5	26.5	15	4.8
H04-T4025	1/2	5/16	1/2-20	29.5	27	15	5.5
H04-T403	1/2	3/8	9/16-18	29.5	27.5	15	7.2
H04-T403-1	1/2	3/8	5/8-18	29.5	28.5	15	7.2
H04-T404	1/2	1/2	3/4-16	29.5	30.5	15	10.3
H04-T405	1/2	5/8	7/8-14	30	32.5	17	12.7

A / E
Pipe FittingsA / E
Hose BarbH
45° FlaredS
CompressionS B
Bite TypeN
Fast-In FittingsN F
Ferrule QuickP
Push-In FittingsV
Valves

H05

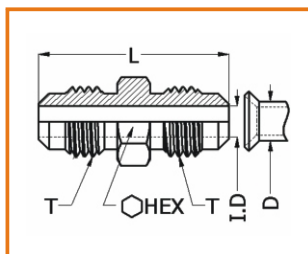
牙邊三通 Male Run Tee



產品編號	管牙 T1	適用管徑 D	直牙 T2	L1	L2	HEX	I.D
PART NO.	PipeThread T1	TubeSize D	Thread T2				
H05-T102	1/8	1/4	7/16-20	21.5	21	9.5	4.8
H05-T202	1/4	1/4	7/16-20	23.5	23.5	11	4.8
H05-T2025	1/4	5/16	1/2-20	23.5	24	11	5.5
H05-T203	1/4	3/8	9/16-18	24	26	12	7.2
H05-T203-1	1/4	3/8	5/8-18	24	26.5	12	7.2
H05-T204	1/4	1/2	3/4-16	25	30	15	8.0
H05-T302	3/8	1/4	7/16-20	25	24	12	4.8
H05-T3025	3/8	5/16	1/2-20	25	25	12	5.5
H05-T303	3/8	3/8	9/16-18	25	26	12	7.2
H05-T303-1	3/8	3/8	5/8-18	25	26.5	12	7.2
H05-T304	3/8	1/2	3/4-16	25	30	15	10.3
H05-T402	1/2	1/4	7/16-20	29.5	26.5	15	4.8
H05-T4025	1/2	5/16	1/2-20	29.5	27	15	5.5
H05-T403	1/2	3/8	9/16-18	29.5	27.5	15	7.2
H05-T403-1	1/2	3/8	5/8-18	29	28.5	15	7.2
H05-T404	1/2	1/2	3/4-16	30	30	15	10.3
H05-T405	1/2	5/8	7/8-14	33	31	17	12.7

H06

由任接頭 Union



產品編號	適用管徑 D	直牙 T	L	HEX	I.D
PART NO.	TubeSize D	Thread T			
H06-C15	3/16	3/8-24	28	10	3.2
H06-C2	1/4	7/16-20	29	12	4.8
H06-C25	5/16	1/2-20	31	14	5.5
H06-C3	3/8	9/16-18	33	15	7.2
H06-C3-1	3/8	5/8-18	35	17	7.2
H06-C4	1/2	3/4-16	42	21	10.3
H06-C5	5/8	7/8-14	44	23	12.7
H06-C6	3/4	1"1/16-14	49	27	15.9

A/E
Pipe Fittings

A/E
Hose Barb

H
45° Flared

S
Compression

S/B
Bite Type

N
Fast-In Fittings

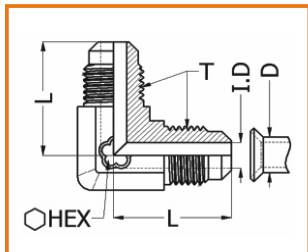
N/F
Ferrule Quick

P
Push-In Fittings

V
Valves

H07

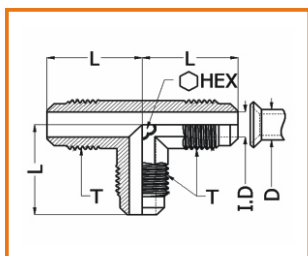
由任彎頭 Union Elbow



產品編號	適用管徑 D	直牙 T	L	HEX	I.D
PART NO.	TubeSize D	Thread T			
H07-L15	3/16	3/8-24	18.5	9.5	3.2
H07-L2	1/4	7/16-20	23	10.5	4.8
H07-L25	5/16	1/2-20	24.5	13	5.5
H07-L3	3/8	9/16-18	25.5	13	7.2
H07-L3-1	3/8	5/8-18	28	13	7.2
H07-L4	1/2	3/4-16	32	15	10.3
H07-L5	5/8	7/8-14	32	17	12.7
H07-L6	3/4	1"1/16-14	36	21	15.9

H08

由任三通 Union Tee



產品編號	適用管徑 D	直牙 T	L	HEX	I.D
PART NO.	TubeSize D	Thread T			
H08-T1	1/8	5/16-24	20.5	9.5	2.5
H08-T15	3/16	3/8-24	21.5	9.5	3.2
H08-T2	1/4	7/16-20	22.5	9.5	4.8
H08-T25	5/16	1/2-20	24	11	5.5
H08-T3	3/8	9/16-18	26	12	7.2
H08-T3-1	3/8	5/8-18	27	12	7.2
H08-T4	1/2	3/4-16	30.5	15	10.3
H08-T5	5/8	7/8-14	32.5	17	12.7

A/E
Pipe Fittings

A/E
Hose Barb

H
45° Flared

S
Compression

S/B
Bite Type

N
Fast-In Fittings

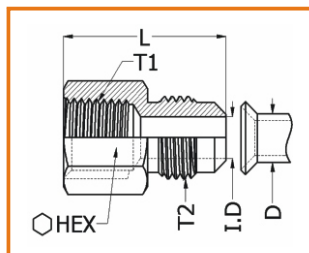
N/F
Ferrule Quick

P
Push-In Fittings

V
Valves

H09

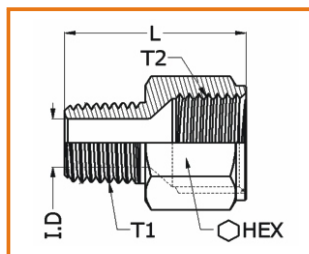
內牙接頭 Female Connector



產品編號	內管牙 T1	適用管徑 D	直牙 T2	L	HEX	I.D
PART NO.	PipeThread T1	TubeSize D	Thread T2			
H09-CM1015	1/8	3/16	3/8-24	23.5	12	3.2
H09-CM102	1/8	1/4	7/16-20	24	12	4.8
H09-CM1025	1/8	5/16	1/2-20	25	14	5.5
H09-CM103	1/8	3/8	9/16-18	26	15	7.2
H09-CM103-1	1/8	3/8	5/8-18	27	17	7.2
H09-CM202	1/4	1/4	7/16-20	27	17	4.8
H09-CM2025	1/4	5/16	1/2-20	28	17	5.5
H09-CM203	1/4	3/8	9/16-18	29	17	7.2
H09-CM203-1	1/4	3/8	5/8-18	30	17	7.2
H09-CM204	1/4	1/2	3/4-16	33	21	10.3
H09-CM302	3/8	1/4	7/16-20	27	21	4.8
H09-CM3025	3/8	5/16	1/2-20	28	21	5.5
H09-CM303	3/8	3/8	9/16-18	29	21	7.2
H09-CM303-1	3/8	3/8	5/8-18	30	21	7.2
H09-CM304	3/8	1/2	3/4-16	33	21	10.3
H09-CM403	1/2	3/8	9/16-18	32	24	7.2
H09-CM403-1	1/2	3/8	5/8-18	33	24	7.2
H09-CM404	1/2	1/2	3/4-16	36	24	10.3
H09-CM405	1/2	5/8	7/8-14	37	24	12.7
H09-CM406	1/2	3/4	1"1/16-14	39	27	15.9

H10

外牙內喇叭接頭 Male Pipe Thread to Female Flared Connector



產品編號	管牙 T1	直牙 T2	L	HEX	I.D
PART NO.	PipeThread T1	Thread T2			
H10-C102	1/8	7/16-20	21	14	6
H10-C202	1/4	7/16-20	24	14	6
H10-C2025	1/4	1/2-20	24	17	8
H10-C203-1	1/4	5/8-18	28	19	8
H10-C302	3/8	7/16-20	24	17	6
H10-C3025	3/8	1/2-20	24	17	8
H10-C303-1	3/8	5/8-18	28	19	8
H10-C304	3/8	3/4-16	30	24	10.5

A/E Pipe Fittings

A/E Hose Barb

H 45° Flared

S Compression

SB Bite Type

N Fast-In Fittings

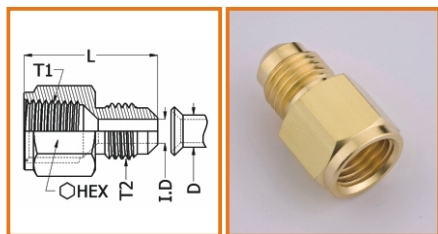
NF Ferrule Quick

P Push-In Fittings

V Valves

H11

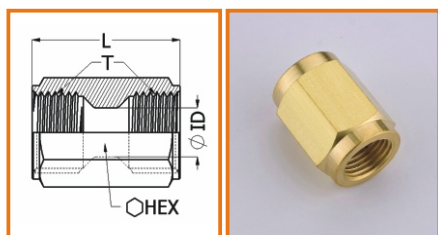
內外喇叭接頭 **Reducing Connector (Male flared to Female flared)**



產品編號	適用管徑 D	直牙 T1	直牙 T2	L	HEX	I.D
PART NO.	TubeSize D	Thread T1	Thread T2			
H11-C302-1	3/8 to 1/4	5/8-18	7/16-20	28.5	19	4.8
H11-C402	1/2 to 1/4	3/4-16	7/16-20	33.5	24	4.8
H11-C403-1	1/2 to 3/8	3/4-16	5/8-18	34.5	24	7.2
H11-C504	5/8 to 1/2	7/8-14	3/4-16	39	27	10.3

H12

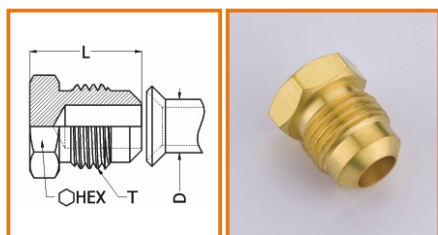
由任內喇叭接頭 **Female Flared Union**



產品編號	直牙 T	L	HEX	I.D
PART NO.	Thread T			
H12-C2	7/16-20	24.5	14	6.6
H12-C25	1/2-20	25.5	16	8.2
H12-C3	9/16-18	27	19	9.8
H12-C3-1	5/8-18	30.5	19	9.8
H12-C4	3/4-16	36.5	24	13

H13

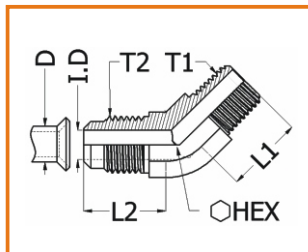
油塞 **Flared Plug**



產品編號	適用管徑 D	直牙 T	L	HEX
PART NO.	TubeSize D	Thread T		
H13-C15	3/16	3/8-24	16	10
H13-C2	1/4	7/16-20	17	12
H13-C25	5/16	1/2-20	18	14
H13-C3	3/8	9/16-18	19	15
H13-C3-1	3/8	5/8-18	20	17
H13-C4	1/2	3/4-16	24	21
H13-C5	5/8	7/8-14	25	23

H14

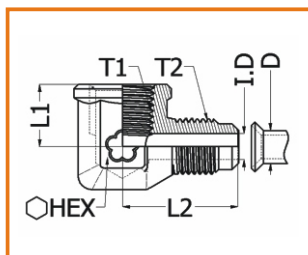
45°外牙彎頭 45° Male Elbow



產品編號	管牙 T1	適用管徑 D	直牙 T2	L1	L2	HEX	I.D
PART NO.	PipeThread T1	TubeSize D	Thread T2				
H14-L102	1/8	1/4	7/16-20	16	18.5	11	4.8
H14-L202	1/4	1/4	7/16-20	20.5	18	14	4.8
H14-L2025	1/4	5/16	1/2-20	20.5	18.5	14	5.5
H14-L203	1/4	3/8	9/16-18	20.5	20	14	7.2
H14-L203-1	1/4	3/8	5/8-18	20.5	20	14	7.2

H15

內牙彎頭 Female Elbow



產品編號	內管牙 T1	適用管徑 D	直牙 T2	L1	L2	HEX	I.D
PART NO.	PipeThread T1	TubeSize D	Thread T2				
H15-LM103	1/8	3/8	9/16-18	15	28	21	7.2
H15-LM202	1/4	1/4	7/16-20	14.5	23.5	17	4.8
H15-LM2025	1/4	5/16	1/2-20	14.5	24.5	17	5.5
H15-LM3025	3/8	5/16	1/2-20	15	27.5	21	5.5
H15-LM303	3/8	3/8	9/16-18	15	28	21	7.2
H15-LM303-1	3/8	3/8	5/8-18	15	28.5	21	7.2
H15-LM403	1/2	3/8	9/16-18	18	30.5	24	7.2
H15-LM403-1	1/2	3/8	5/8-18	18	31.5	24	7.2
H15-LM404	1/2	1/2	3/4-16	18	33.5	24	10.3

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