

# Adjustable Hoses Set

# Adjustable Hoses Components / Installation Tools

HJD

RoHS 10

Male Threaded AAJD  
H (Wrench Flats) T  
R (PT) A L

Male Valve AVAD  
W  
R (PT) A L

Female Valve AVAFD  
W  
Rc (PT) A L

L-Shaped AAJL  
L2

Y-Shaped AAJY  
L4

Nozzle Only (Orange)  
(Photo is for Shape A)

HAKD  
(Drawing is for Shape A)  
C1  
D  
C  
C2

Standard Type  
HOSAJ (Male Threaded)  
HOSVA (Male Valve)  
HOSVAF (Female Valve)  
Length=Bxn+A+C  
Tip Shape Selection  
Connector Selection  
Number of Links n  
Length=Bxn+A+L2

L-Shaped  
HLAJ (Male Threaded)  
HLVA (Male Valve)  
Tip Shape Selection  
Connector Selection  
Number of Links n  
Length=Bxn+A+L2

Branch Type  
HOSAJW (Male Threaded)  
HOSVAW (Male Valve)  
Tip Shape Selection  
Connector Selection  
Number of Links n  
Length=Bxn+A+L4

Male Threaded  
HOSAJ (Standard)  
HLAJ (L-Shaped)  
HOSAJW (Branch Type)  
For dimension details, see P.1480.

Male Valve  
HOSVA (Standard)  
HLVA (L-Shaped)  
HOSVAW (Branch Type)  
For dimension details, see P.1480.

Female Valve  
HOSVAF (Standard)  
For dimension details, see P.1480.

L-Shaped  
For dimension details, see P.1480.

Y-Shaped  
For dimension details, see P.1480.

Tip Shape  
Shape A (A1, A2, A3)  
Shape B (B1, B2, B3)  
Shape C (C1, C2)  
Shape D (D1)  
Shape M (M1, M2)  
For dimension details, see P.1478.

Standard Type						
Part Number		Hose Color Selectable	Number of Links n Configurable	Connector Thread Size (PT)		Tip Shape (For dimension details, see P.1478.)
Type	Hose Nominal			For Male Threaded (Selection)	For Male Valve / Female Valve (Fixed)	
HOSAJ (Male Threaded) HOSVA (Male Valve) *HOSVAF (Female Valve)	2	Not Specified (Blue) G (Gray) B (Black)	0~30	1 (R1/8) 2 (R1/4)	2 (R/Rc1/4)	(Hose: Blue) A1, A2, A3, B1, B2, B3, C1, C2, D1, M1, M2 (Hose: Gray) A1, A2, A3, D1 (Hose: Black) A1, A2, A3, C1, C2, D1
	3	Not Specified (Blue) G (Gray)		3 (R3/8) 4 (R1/2)	3 (R/Rc3/8)	(Hose: Blue) A1, A2, A3, D1 (Hose: Gray) A1, A2, A3, D1
	4			3 (R3/8) 4 (R1/2)	4 (R/Rc1/2)	(Hose: Blue) A1, A2, A3, B1, B2, B3, D1 (Hose: Gray) A1, A2, A3, D1

\* Hose nominal size 3 is not selectable for Female Valve. The hose color for Female Valve is blue only.

Part Number		Hose Nominal	Number of Links n Configurable	Connector Thread Size (PT)		Tip Shape (For dimension details, see P.1478.)
Type	Hose Nominal			For Male Threaded (Selection)	For Male Valve (Fixed)	
HLAJ (Male Threaded)	2	0~30	0~30	1 (R1/8) 2 (R1/4)	2 (R/Rc1/4)	A1, A2, A3, B1, B2, B3, C1, C2, D1, M1, M2
HLVA (Male Valve)	4			3 (R3/8) 4 (R1/2)	4 (R/Rc1/2)	A1, A2, A3, B1, B2, B3, D1

Part Number		Hose Nominal	Number of Links n Configurable	Connector Thread Size (PT)		Tip Shape (For dimension details, see P.1478.)
Type	Hose Nominal			For Male Threaded (Selection)	For Male Valve (Fixed)	
HOSAJW (Male Threaded)	2	0~30	0~30	1 (R1/8) 2 (R1/4)	2 (R/Rc1/4)	A1, A2, A3, B1, B2, B3, C1, C2, D1, M1, M2
HOSVAW (Male Valve)	4			3 (R3/8) 4 (R1/2)	4 (R/Rc1/2)	A1, A2, A3, B1, B2, B3, D1

Part Number	Hose Color	Number of Links n	Connectors Thread Size	Number of Links m	Number of Links m Right (R)	Number of Links m Left (L)	Nozzle
(Standard) HOSVA2	B	20	2	-	-	-	D1
(L-Shaped) HLVA2	-	10	2	5	-	-	B1
(Branch) HOSVAW2	-	5	2	-	R10	L7	D1

Hose Nominal	Link Unit Price	Connector Unit Price			Nozzle Unit Price					L-Shaped Type / Branch Type Additional Price
		Shape AJ	Shape VA	Shape VAF	A1 A2 A3	B1 B2 B3	C1 C2	D1	M1 M2	
2										
3										
4										

Price Calculation Example  
-For Standard Type HOSAJ2-30-1-A1:  
(Link Unit Price) x (Number of Links) + (Connector Unit Price) + (Nozzle Unit Price)  
-For L-Shaped Type HLVA2-10-2-5-B1:  
(Link Unit Price) x (Number of Links n + Number of Links m) + (Connector Unit Price) + (Nozzle Unit Price) + (L-Shaped Type Additional Price)  
-For Branch Type HOSVAW2-5-2-R10-L7-D1:  
(Link Unit Price) x (Number of Links + Number of Links on the Right + Number of Links on the Left) + (Connector Unit Price) + (Tip Shape Price for 2 pcs.) + (Branch Type Additional Price)

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Nozzle Only (Orange)  
(Photo is for Shape A)

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(Drawing is for Shape A)  
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Connector Selection  
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HLVA (Male Valve)  
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Connector Selection  
Number of Links n  
Length=Bxn+A+L2

Branch Type  
HOSAJW (Male Threaded)  
HOSVAW (Male Valve)  
Tip Shape Selection  
Connector Selection  
Number of Links n  
Length=Bxn+A+L4

Male Threaded  
HOSAJ (Standard)  
HLAJ (L-Shaped)  
HOSAJW (Branch Type)  
For dimension details, see P.1480.

Male Valve  
HOSVA (Standard)  
HLVA (L-Shaped)  
HOSVAW (Branch Type)  
For dimension details, see P.1480.

Female Valve  
HOSVAF (Standard)  
For dimension details, see P.1480.

L-Shaped  
For dimension details, see P.1480.

Y-Shaped  
For dimension details, see P.1480.

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HLVA (Male Valve)  
Tip Shape Selection  
Connector Selection  
Number of Links n  
Length=Bxn+A+L2

Branch Type  
HOSAJW (Male Threaded)  
HOSVAW (Male Valve)  
Tip Shape Selection  
Connector Selection  
Number of Links n  
Length=Bxn+A+L4

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HOSAJ (Standard)  
HLAJ (L-Shaped)  
HOSAJW (Branch Type)  
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Male Valve  
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HLVA (L-Shaped)  
HOSVAW (Branch Type)  
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HOSVAF (Standard)  
For dimension details, see P.1480.

L-Shaped  
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Connector Selection  
Number of Links n  
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HLAJ (Male Threaded)  
HLVA (Male Valve)  
Tip Shape Selection  
Connector Selection  
Number of Links n  
Length=Bxn+A+L2

Branch Type  
HOSAJW (Male Threaded)  
HOSVAW (Male Valve)  
Tip Shape Selection  
Connector Selection  
Number of Links n  
Length=Bxn+A+L4

Male Threaded  
HOSAJ (Standard)  
HLAJ (L-Shaped)  
HOSAJW (Branch Type)  
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Male Valve  
HOSVA (Standard)  
HLVA (L-Shaped)  
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HOSVAF (Standard)  
For dimension details, see P.1480.

L-Shaped  
For dimension details, see P.1480.

Y-Shaped  
For dimension details, see P.1480.

Tip Shape  
Shape A (A1, A2, A3)  
Shape B (B1, B2, B3)  
Shape C (C1, C2)  
Shape D (D1)  
Shape M (M1, M2)  
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Ordering Example	Part Number	Number of Links	Part Number	Nozzle	Part Number	Connector Thread Size
	HJD2	5	HAKD2	A1	AAJD2	1

RoHS 10

Part Number	Type	No.	Unit Price
HOSAJT	2		
	3		
	4		

Ordering Example	Part Number
	HOSAJT2

Part Number		Number of Links	Hose I.D.	D	B	L1	Unit Price
Type	Hose Nominal						1 ~ 20 pc(s).
HJD	2	5	6.3	16	14.5	20.7	
	3		8.5	21	17	25	
	4		12.7	24.5	20.3	30	

Part Number		Connector Thread Size R (PT)	A	L	H	T	Unit Price
Type	Hose Nominal						1 ~ 20 pc(s).
AAJD	2	1 (R1/8) 2 (R1/4)	23	26.3	14	7	
	3	3 (R3/8) 4 (R1/2)	27.3	32	19	8	
	4	3 (R3/8) 4 (R1/2)	28	38.3	18.8 20.8	7.5	

Part Number		Connector Thread Size R (PT)	A	L	H	W	Unit Price
Type	Hose Nominal						1 ~ 20 pc(s).
AVAD	2	2 (R1/4)	41	41	30	27	
	3	3 (R3/8)	45	45	34	25	
	4	4 (R1/2)	48.5	48.5	43	34	

Part Number		Connector Thread Size R (PT)	A	L	H	W	Unit Price
Type	Hose Nominal						1 ~ 20 pc(s).
AVAFD	2	2 (Rc1/4)	42	45	30	27	
	4	4 (Rc1/2)	58.2	64	63	34	

Part Number		AAJL		AAJY		Unit Price 1 ~ 20 pc(s).	
Type	Hose Nominal	L2	L3	L4	L5	AAJY	AAJL
AAJL (L-Shaped)	2	17	12	15.5	9.5		
AAJY (Y-Shaped)	4	23.5	16.5	23.5	19		

Part Number		Nozzle		Unit Price 1 ~ 20 pc(s).				
Type	Hose Nominal	Shape	No.	Shape A	Shape B	Shape C	Shape D	Shape M
HAKD	2	A B C D M	1					
			2				-	
			3				-	-
	3		1		-	-	-	-
			2		-	-	-	-
			3		-	-	-	-
	4		1		-	-	-	-
			2		-	-	-	-
			3		-	-	-	-