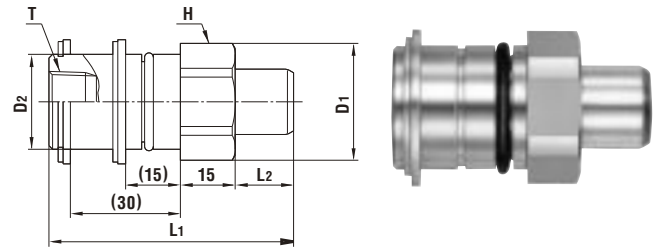
Models and Dimensions

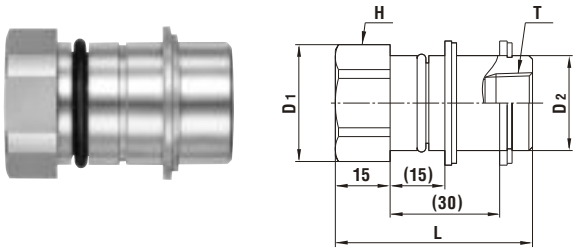
WAF : WAF stands for width across flats.

Plug MAS type (Snap ring mount type)



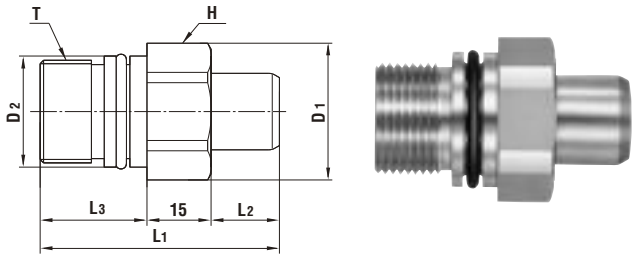
Model	Application	Mass (g)	Dimensions (mm)					
			L1	L2	øD1	øD2	H(WAF)	T
MAS-2P	R 1/4	150	65	14	28	21.9	Hex.26	Rc 1/4
MAS-3P	R 3/8	203	67	16	35	25.9	Hex.32	Rc 3/8
MAS-4P	R 1/2	412	73	20	44	35.9	Hex.41	Rc 1/2
MAS-6P	R 3/4	579	76.5	23.5	50	41.9	Hex.46	Rc 3/4
MAS-8P	R 1	720	78	24	58	47.9	Hex.54	Rc 1

Socket MAS type (Snap ring mount type)



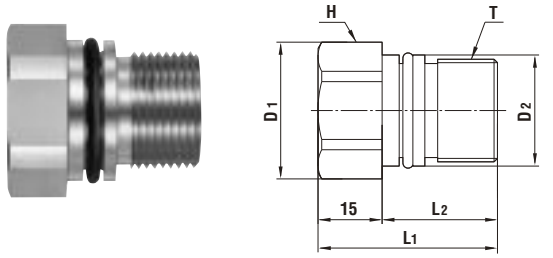
Model	Application	Mass (g)	Dimensions (mm)				
			L	øD1	øD2	H(WAF)	T
MAS-2S	R 1/4	126	51.5	28	21.9	Hex.26	Rc 1/4
MAS-3S	R 3/8	171	55	35	25.9	Hex.32	Rc 3/8
MAS-4S	R 1/2	406	65	44	35.9	Hex.41	Rc 1/2
MAS-6S	R 3/4	604	76	50	41.9	Hex.46	Rc 3/4
MAS-8S	R 1	825	87	58	47.9	Hex.54	Rc 1

Plug MAT type (Thread screw mount type)



Model	Application	Mass (g)	Dimensions (mm)						
			L1	L2	L3	øD1	øD2	H(WAF)	T
MAT-2P	See the diagram below.	121	53	14	(24)	28	21.9	Hex.26	M20x1.5
MAT-3P		164	56	16	(25)	32	25.9	Hex.29	M24x1.5
MAT-4P		332	67	20	(32)	44	35.9	Hex.41	M30x2
MAT-6P		453	73	23.5	(34.5)	50	41.9	Hex.46	M39x2
MAT-8P		571	76	24	(37)	54	47.9	Hex.50	M45x2

Socket MAT type (Thread screw mount type)

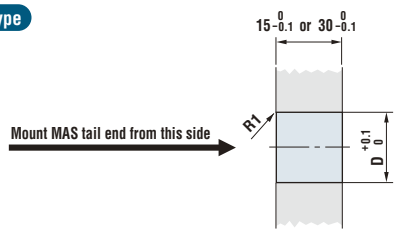


Model	Application	Mass (g)	Dimensions (mm)					
			L1	L2	øD1	øD2	H(WAF)	T
MAT-2S	See the diagram below.	95	39	(24)	28	21.9	Hex.26	M20x1.5
MAT-3S		124	42	(27)	32	25.9	Hex.29	M24x1.5
MAT-4S		246	48	(33)	44	35.9	Hex.41	M30x2
MAT-6S		382	58	(43)	50	41.9	Hex.46	M39x2
MAT-8S		506	66	(51)	54	47.9	Hex.50	M45x2

• MAT type must be coupled with MAS type.

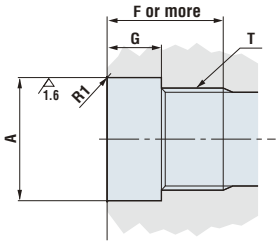
Tail End Configuration

MAS Type



Model	Diameter (mm)
	øD
MAS-2S / MAS-2P	23
MAS-3S / MAS-3P	27
MAS-4S / MAS-4P	37
MAS-6S / MAS-6P	43
MAS-8S / MAS-8P	49

MAT Type



Model	Diameter (mm)				
	øA	G	F		T
			Pulg	Socket	
MAT-2S / MAT-2P	22 +0.06 0	13	25		M20 x 1.5
MAT-3S / MAT-3P	26 +0.06 0	13	26	28	M24 x 1.5
MAT-4S / MAT-4P	36 +0.08 0	16	34	35	M30 x 2
MAT-6S / MAT-6P	42 +0.08 0	17	36.5	45	M39 x 2
MAT-8S / MAT-8P	48 +0.08 0	17	39	53	M45 x 2

Minimal air admixture during Cupla connection

- Special valve structure allows minimal air admixture in fluid lines during Cupla connection.
- Liquid bleeding on Cuplas disconnection is very little, which makes it best for frequent connection/disconnection applications.
- Snap ring and thread screw mount types to mount on the base plate are standard.
- MALS type can accept axial eccentricity of socket and plug, or allow a plate hole position tolerance of ±0.3mm because of the O-ring around the body.

Specifications

Body material	Steel (Autocatalytic nickel-phosphorus coating)		
Working pressure	14.0 MPa, 142 kgf/cm², 140 bar, 2030 PSI		
Sealing material Working temperature range	Sealing material	Mark	Working temperature range
	Fluoro rubber	FKM (X-100)	-20°C to +180°C

Please check with us for details on these products.

Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.