

2HKIG/2HKIL Series



Eaton's 2HKIG/2HKIL Series stainless steel couplings can be used with various liquids and gases. They are functionally identical, but do not interchange. They can be used where it is necessary to avoid crossing lines.

Product Features

- Ball lock
- Proprietary interchange with all stainless steel construction
- Female/Socket halves available with 90° connections
- Standard body material: Stainless steel
- Standard seal material: Buna-N

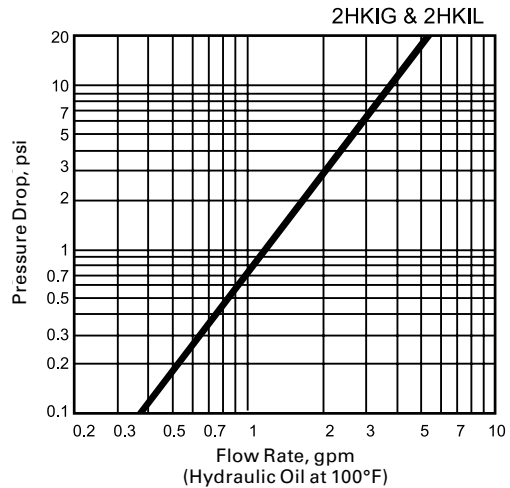
Physical Characteristics

Body Size (in)	Max. Operating Pressure Connected		Min. Burst Pressure		Rated Flow		All Inclusion	Fluid Loss
	(bar)	(psi)	(bar)	(psi)	(lpm)	(gpm)	cc. max.	cc. max.
1/4	103	1,500	412	6,000	8.3	2.2	2.2	1

Applications & Markets

- Chemical
- Food and Beverage
- Military
- Aerospace

Flow Data



FLUID TRANSFER
AND HYDRAULIC

PNEUMATIC

SPECIAL APPLICATIONS

DIAGNOSTIC

AGRICULTURE

REFRIGERANT

2HKIG Series

FLUID TRANSFER
AND HYDRAULIC

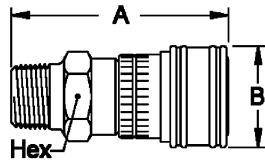


Figure 1

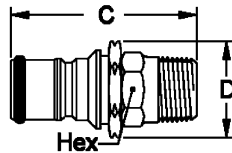


Figure 2

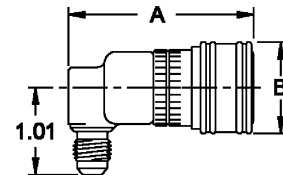


Figure 3

Male End Connections

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex	A	B	Hex
					A	B				
					(in)	(in)	(in)	(mm)	(mm)	(mm)
2HIG10	Socket/Female	1/4	1/8-27 NPTF	1	2.18	1.06	0.81	55.4	26.9	20.6
2HIG15	Socket/Female	1/4	1/4-18 NPTF	1	2.31	1.06	0.81	58.7	26.9	20.6
2HIG20	Socket/Female	1/4	3/8-18 NPTF	1	2.31	1.06	0.81	58.7	26.9	20.6
2HIG720	Socket/Female	1/4	7/16-20 NPTF	1	2.27	1.06	0.81	57.7	26.9	20.6
2HIGLLRA720	Socket/Female	1/4	7/16-20 NPTF	3	2.09	1.06	—	53.1	26.9	—

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex	C	D	Hex
					C	D				
					(in)	(in)	(in)	(mm)	(mm)	(mm)
2KIGF15	Plug/Male	1/4	1/4-18 NPTF	2	1.98	1.01	0.69	50.3	25.7	17.5
2KIGF20	Plug/Male	1/4	3/8-18 NPTF	2	1.98	1.01	0.69	50.3	25.7	17.5

PNEUMATIC

SPECIAL APPLICATIONS

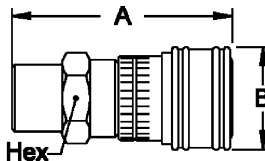


Figure 1

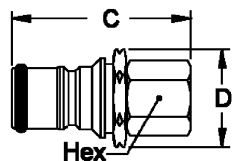


Figure 2

Female End Connections

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex	A	B	Hex
					A	B				
					(in)	(in)	(in)	(mm)	(mm)	(mm)
2HIG11	Socket/Female	1/4	1/8-27 NPTF	1	2.18	1.06	0.81	55.4	26.9	20.6
2HIG16	Socket/Female	1/4	1/4-18 NPTF	1	2.26	1.06	0.81	57.4	26.9	20.6

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex	C	D	Hex
					C	D				
					(in)	(in)	(in)	(mm)	(mm)	(mm)
2KIGF16	Plug/Male	1/4	1/4 -18 NPTF	2	1.84	1.01	0.69	46.7	25.7	17.5
2KIGF720	Plug/Male	1/4	7/16-20	2	1.61	1.01	0.69	40.9	25.7	17.5
2KIGF	Plug/Male	1/4	9/16-18	2	1.17	1.01	0.68	29.7	25.7	17.3

DIAGNOSTIC

AGRICULTURE

REFRIGERANT

2HKIL Series

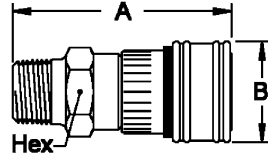


Figure 1

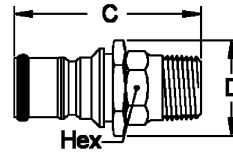


Figure 2

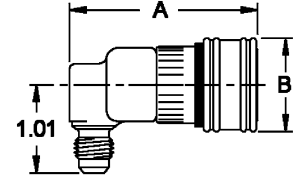


Figure 3

Male End Connections

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex (in)	A (mm)	B (mm)	Hex (mm)
					A (in)	B (in)				
2HIL10	Socket/Female	1/4	1/8-27 NPTF	1	2.18	1.06	0.81	55.4	26.9	20.6
2HIL15	Socket/Female	1/4	1/4-18 NPTF	1	2.31	1.06	0.81	58.7	26.9	20.6
2HIL20	Socket/Female	1/4	3/8-18 NPTF	1	2.31	1.06	0.81	58.7	26.9	20.6
2HIL720	Socket/Female	1/4	7/16-20 NPTF	1	2.27	1.06	0.81	57.7	26.9	20.6
2HILLRA720	Socket/Female	1/4	7/16-20 NPTF	3	2.09	1.06	—	53.1	26.9	—

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex (in)	C (mm)	D (mm)	Hex (mm)
					C (in)	D (in)				
2KILF15	Plug/Male	1/4	1/4-18 NPTF	2	1.98	1.01	0.69	50.3	25.7	17.5
2KILF20	Plug/Male	1/4	3/8-18 NPTF	2	1.98	1.01	0.69	50.3	25.7	17.5

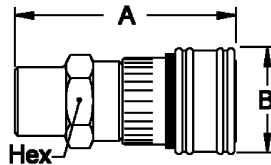


Figure 1

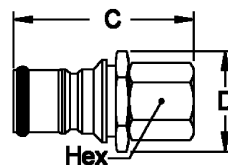


Figure 2

Female End Connections

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex (in)	A (mm)	B (mm)	Hex (mm)
					A (in)	B (in)				
2HIL11	Socket/Female	1/4	1/8-27 NPTF	1	2.18	1.06	0.81	55.4	26.9	20.6
2HIL16	Socket/Female	1/4	1/4-18 NPTF	1	2.26	1.06	0.81	57.4	26.9	20.6

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex (in)	C (mm)	D (mm)	Hex (mm)
					C (in)	D (in)				
2KILF16	Plug/Male	1/4	1/4-18 NPTF	2	1.84	1.01	0.69	46.7	25.7	17.5
2KILF720	Plug/Male	1/4	7/16-20	2	1.61	1.01	0.69	40.9	25.7	17.5
2KILF	Plug/Male	1/4	9/16-18	2	1.17	1.01	0.68	29.7	25.7	17.3

FLUID TRANSFER AND HYDRAULIC

PNEUMATIC

SPECIAL APPLICATIONS

DIAGNOSTIC

AGRICULTURE

REFRIGERANT