

2HKIG/2HKIL Series

FLUID TRANSFER
AND HYDRAULIC



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.

PNEUMATIC

Product Features

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

SPECIAL APPLICATIONS

Physical Characteristics

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

DIAGNOSTIC

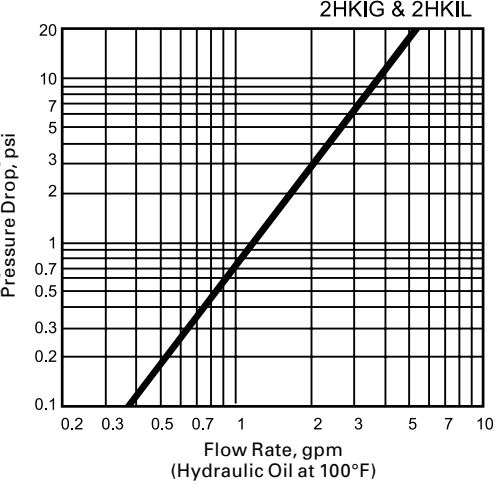
Applications & Markets

- Chemical
- Food and Beverage
- Military
- Aerospace

AGRICULTURE

REFRIGERANT

Flow Data



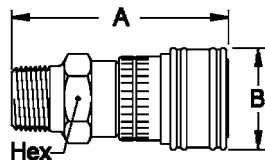


Figure 1

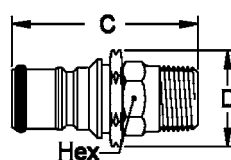


Figure 2

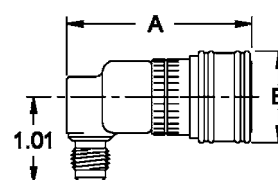


Figure 3

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

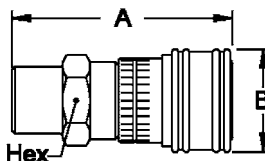


Figure 1

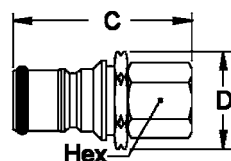


Figure 2

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

FLUID TRANSFER
AND HYDRAULIC

PNEUMATIC

SPECIAL APPLICATIONS

DIAGNOSTIC

AGRICULTURE

REFRIGERANT

2HKIL Series

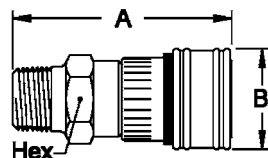


Figure 1

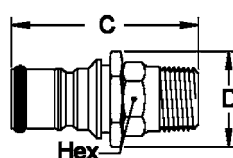


Figure 2

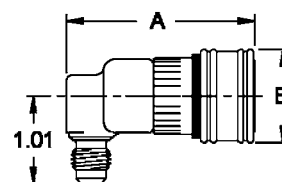


Figure 3

Male End Connections

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex	A	B	Hex
					A	B				
					(in)	(in)	(in)	(mm)	(mm)	(mm)
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	C	D	Hex
					C	D				
					(in)	(in)	(in)	(mm)	(mm)	(mm)
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

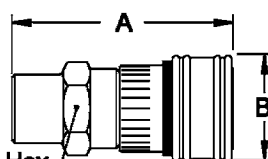


Figure 1

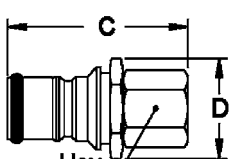


Figure 2

Female End Connections

Part Number	Coupling Type	Body Size	Thread	Fig.	Dimensions		Hex	A	B	Hex
					A	B				
					(in)	(in)	(in)	(mm)	(mm)	(mm)
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	C	D	Hex
					C	D				
					(in)	(in)	(in)	(mm)	(mm)	(mm)
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