



The Hansen 3000/4000/5000/6000 Series Industrial Interchange pin lock pneumatic quick disconnect couplings are designed for compressed air, gases, and liquids. This series sets the industry standard for pin lock style pneumatic couplings.

### Product Features

- Easy, automatic, push-to-connect design provides instantaneous connection and disconnection of lines, plus automatic shut-off of socket/female end of line
- All sizes accept US industrial Interchange; 1/4" & 1/2" also accept ISO 6150 Series B and A-A-59439 plugs/males
- Optional sleeve lock option prevents accidental disconnection
- Standard body material: Brass
- Standard seal material: Buna-N
- Optional seal and valve materials: Silicone-138, FKM-143, EPDM-192

### Physical Characteristics

Series	Body Size	Max. Operating Pressure		Min. Burst Pressure		Rated Flow	
	(in)	(bar)	(psi)	(bar)	(psi)	(lpm)	scfm
3000	1/4	138	2,000	552	8,000	680	24
4000	3/8	69	1,000	276	4,000	1,274	45
5000	1/2	35	500	140	2,000	2,040	72
6000	3/4	15	220	60	880	3,540	125

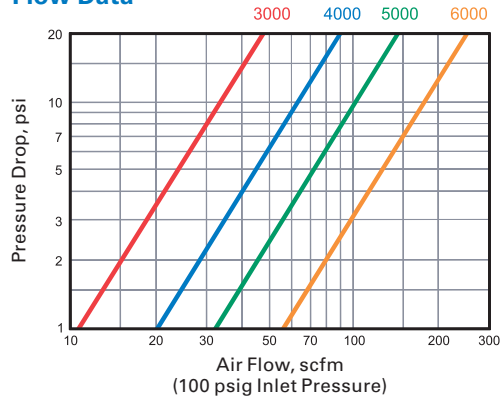
### Applications & Markets

- Industrial Breathing Air
- General Pneumatics
- Maintenance & Repair
- Fluid Transfer

### Interchangeability

All Sizes	1/4" & 1/2"
US Industrial Interchange	ISO 6150 Series B
	A-A-59439 (former MIL-C-4109)

### Flow Data



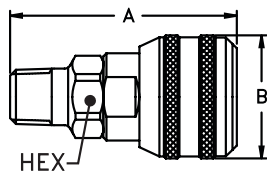


Figure 1

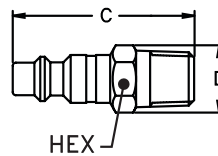


Figure 2

### Male End Connections

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Material	Fig.	Dimensions			A	B	Hex
								A	B	Hex			
								(in)	(in)	(in)	(mm)	(mm)	(mm)
6300	Socket/Female	3/4	1/2	1/2-14	NPTF	Brass	1	2.94	1.90	1.31	74.68	48.26	33.27
6500	Socket/Female	3/4	3/4	3/4-14	NPTF	Brass	1	2.94	1.90	1.31	74.68	48.26	33.27
6700E	Socket/Female	3/4	1	1-11 1/2	NPTF	Brass	1	3.13	1.90	1.31	79.50	48.26	33.27

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Material	Fig.	Dimensions			C	D	Hex
								C	D	Hex			
								(in)	(in)	(in)	(mm)	(mm)	(mm)
64A	Plug/Male	3/4	1/2	1/2-14	NPTF	Steel	2	2.31	1.15	1.00	58.67	29.21	25.40
64GA†	Plug/Male	3/4	1/2	1/2-14	NPTF	Steel	2	3.26	1.12	1.00	82.80	28.45	25.40
66AE	Plug/Male	3/4	3/4	3/4-14	NPTF	Steel	2	2.38	1.23	1.06	60.45	31.24	26.92
66GA†	Plug/Male	3/4	3/4	3/4-14	NPTF	Steel	2	3.26	1.19	1.06	82.80	30.23	26.92
68A	Plug/Male	3/4	1	1-11 1/2	NPTF	Steel	2	2.56	1.51	1.31	65.02	38.35	33.27
B64A	Plug/Male	3/4	1/2	1/2-14	NPTF	Brass	2	2.31	1.12	1.00	58.67	28.45	25.40
B66A	Plug/Male	3/4	3/4	3/4-14	NPTF	Brass	2	2.38	1.18	1.06	60.45	30.07	26.92

†With Bleeder Ball Check—Reduces Hose Whip

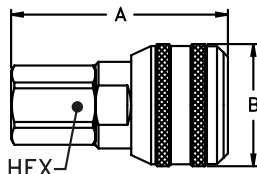


Figure 3

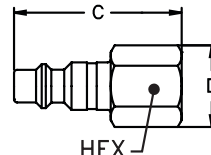


Figure 4

### Female End Connections

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Material	Fig.	Dimensions			A	B	Hex
								A	B	Hex			
								(in)	(in)	(in)	(mm)	(mm)	(mm)
6200E	Socket/Female	3/4	1/2	1/2-14	NPTF	Brass	3	2.85	1.90	1.31	72.39	48.26	33.27
6400E	Socket/Female	3/4	3/4	3/4-14	NPTF	Brass	3	3.00	1.90	1.31	76.20	48.26	33.27
6600E	Socket/Female	3/4	1	1- 11 1/2	NPTF	Brass	3	3.19	1.90	1.56	81.03	48.26	39.62

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Material	Fig.	Dimensions			C	D	Hex
								C	D	Hex			
								(in)	(in)	(in)	(mm)	(mm)	(mm)
65A	Plug/Male	3/4	1/2	1/2-14	NPTF	Steel	4	2.22	1.15	1.00	56.39	29.21	25.40
65GAS†	Plug/Male	3/4	1/2	1/2-14	NPTF	Steel	4	3.35	1.12	1.00	85.09	28.45	25.40
67A	Plug/Male	3/4	3/4	3/4-14	NPTF	Steel	4	2.22	1.33	1.19	56.39	33.78	30.23
67GAS†	Plug/Male	3/4	3/4	3/4-14	NPTF	Steel	4	3.38	1.33	1.19	85.85	33.78	30.23
69A	Plug/Male	3/4	1	1-11 1/2	NPTF	Steel	4	2.41	1.80	1.56	61.21	45.72	39.62

†With Bleeder Ball Check—Reduces Hose Whip

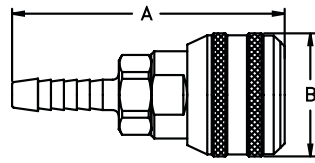


Figure 5

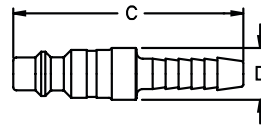


Figure 6

### Hose Stem End Connections

Part Number	Coupling Type	Body Size	Hose I.D.	Material	Fig.	Dimensions		A	B
						A	B		
						(in)	(in)	(mm)	(mm)
6800E	Socket/Female	3/4	1/2	Brass	5	3.21	1.88	81.53	47.75
6900	Socket/Female	3/4	3/4	Brass	5	4.06	1.88	103.12	47.75
7000E	Socket/Female	3/4	1	Brass	5	4.07	1.88	103.38	47.75

Part Number	Coupling Type	Body Size	Hose I.D.	Material	Fig.	Dimensions		C	D
						C	D		
						(in)	(in)	(mm)	(mm)
70A	Plug/Male	3/4	1/2	Steel	6	2.53	0.94	64.26	23.88
70GA†	Plug/Male	3/4	1/2	Steel	6	3.53	1.12	89.66	28.45
71A	Plug/Male	3/4	3/4	Steel	6	3.44	1.06	87.38	26.92
71GA†	Plug/Male	3/4	3/4	Steel	6	4.38	1.12	111.25	28.45
72A	Plug/Male	3/4	1	Steel	6	3.44	1.31	87.38	33.27
B71A	Plug/Male	3/4	3/4	Steel	6	3.44	1.06	87.38	26.92

†With Bleeder Ball Check—Reduces Hose Whip

### Dust Caps and Dust Plugs

Series	Dust Cap		Dust Plug	
	Metal	Vinyl	Metal	Vinyl
3000	PDC3000*	—	SDC3000*	PSDC1HK
4000	—	—	—	PSDC2HK
5000	—	PPDC2HK	—	—
6000	—	PPDC3HK	—	—

\*Brass

