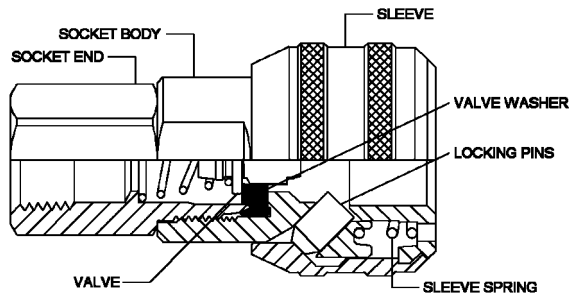




# 3000/4000/5000/6000 Industrial Interchange



**Industrial Interchange Pin Lock Couplings** designed for compressed air, gases, and liquids. Body sizes are 1/4", 3/8", 1/2" and 3/4".

### Features

- The original automatic one-way shutoff coupling designed by Hansen—The Industry Standard
- Rugged, reliable
- Easy, automatic, push-to-connect design provides instantaneous connection and disconnection of lines, plus automatic shut-off of socket end of line
- 1/4" and 1/2" sockets accept MIL-C-4109 plug
- Optional sleeve lock prevents accidental disconnection
- Optional seal and valve materials available

### Standard Materials

- Socket
  - Brass Body
  - Zinc Plated Steel Valve
  - Buna-N (Nitrile) Seal
  - Stainless Steel Springs
  - Stainless Steel Locking Pins
- Plug
  - Zinc Plated Case-Hardened Steel (All Sizes)
  - Brass (All Sizes)
  - Stainless Steel (Series 3000)

### Accessories

- Dust caps and dust plugs (See page 66)

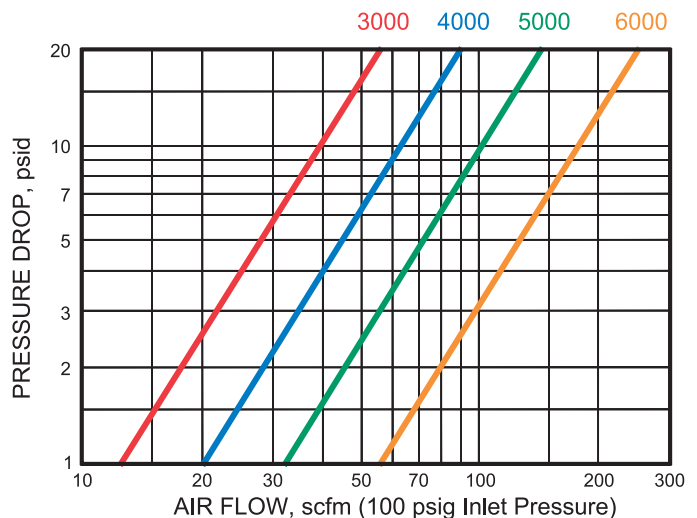
### Rated Pressure

Series	Size	PSI	BAR
3000	1/4"	2,000	138
4000	3/8"	1,000	69
5000	1/2"	500	35
6000	3/4"	220	15

### Flow Capacity

Series	†Ac
3000	28
4000	45
5000	72
6000	125

† Air flow (scfm) with 5 psi pressure drop and 100 psig inlet pressure



# Series 3000 1/4" Nominal

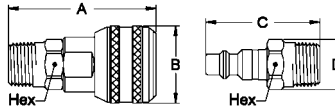


## SOCKETS

## PLUGS

Part No.	Thread Size	Dimensions		
		A	B	HEX
2900	1/8-27 NPTF	2.11	1.19	0.69
3100	1/4-18 NPTF	2.26	1.19	0.69
3300	3/8-18 NPTF	2.26	1.19	0.69
3000-43	7/16-20*	2.20	1.19	0.69
3000-63	5/8-18*	2.33	1.19	0.69

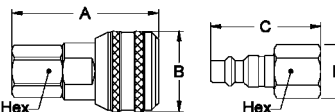
### Male End Connections



Part No.	Thread Size	Dimensions		
		C	D	HEX
10	1/4-18 NPTF	1.75	0.65	0.56
10C§	1/4-18 NPTF	1.75	0.65	0.56
10G†	1/4-18 NPTF	1.75	0.65	0.56
12	1/8-27 NPTF	1.59	0.58	0.50
12G†	1/8-27 NPTF	2.38	0.77	0.69
14	3/8-18 NPTF	1.75	0.79	0.69
14G†	3/8-18 NPTF	2.53	0.77	0.69
10-43	7/16-20*	1.69	0.58	0.50
<b>Brass</b>				
B-10	1/4-18 NPTF	1.75	0.64	0.56
<b>Stainless</b>				
LL-10	1/4-18 NPTF	1.75	0.65	0.56

Part No.	Thread Size	Dimensions		
		A	B	HEX
2800	1/8-27 NPTF	1.95	1.19	0.69
3000	1/4-18 NPTF	2.17	1.19	0.69
3200	3/8-18 NPTF	2.23	1.19	0.75

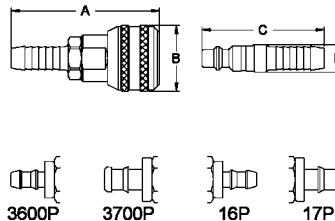
### Female End Connections



Part No.	Thread Size	Dimensions		
		C	D	HEX
11	1/4-18 NPTF	1.63	0.79	0.69
11G†	1/4-18 NPTF	2.44	0.77	0.69
13	1/8-27 NPTF	1.47	0.65	0.56
15	3/8-18 NPTF	1.69	0.94	0.81
<b>Brass</b>				
11B	1/4-18 NPTF	1.63	0.78	0.69
<b>Stainless</b>				
LL-11	1/4-18 NPTF	1.63	0.79	0.69

Part No.	Hose I.D.	Dimensions	
		A	B
3600	1/4"	2.70	1.19
3600P‡	1/4"	2.48	1.19
3700	3/8"	2.69	1.19
3700P‡	3/8"	2.58	1.19
3800	5/16"	2.70	1.19

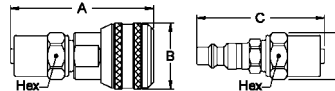
### Hose Stem End Connections



Part No.	Hose I.D.	Dimensions	
		C	D
16	1/4"	2.22	0.50
16G†	1/4"	2.97	0.77
16P‡	1/4"	2.00	0.69
16PG†	1/4"	2.75	0.77
17	3/8"	2.31	0.50
17G†	3/8"	2.96	0.77
17P‡	3/8"	2.06	0.87
17PG††	3/8"	2.85	0.87
18	5/16"	2.22	0.50
<b>Brass</b>			
B-17	3/8"	2.31	0.50

Part No.	Hose		Dimensions		
	I.D.	O.D.	A	B	HEX
3-SA0	3/16"	7/16"	2.73	1.19	0.56
3-SA3	3/16"	1/2"	2.73	1.19	0.63
3-SB1	1/4"	15/32"	2.79	1.19	0.63
3-SB3	1/4"	1/2"	2.79	1.19	0.63
3-SB5	1/4"	9/16"	2.79	1.19	0.69
3-SB7	1/4"	5/8"	2.79	1.19	0.75
3-SB9	1/4"	11/16"	2.79	1.19	0.81
3-SB11	1/4"	3/4"	2.79	1.19	0.88
3-SC5	5/16"	9/16"	2.86	1.19	0.69
3-SC7	5/16"	5/8"	2.86	1.19	0.75
3-SC9	5/16"	11/16"	2.86	1.19	0.81
3-SD5	3/8"	9/16"	2.92	1.19	0.69
3-SD7	3/8"	5/8"	2.92	1.19	0.75
3-SD9	3/8"	11/16"	2.92	1.19	0.81
3-SD11	3/8"	3/4"	2.92	1.19	0.88
3-SD13	3/8"	13/16"	2.92	1.19	0.94

### Hose Clamp End Connections



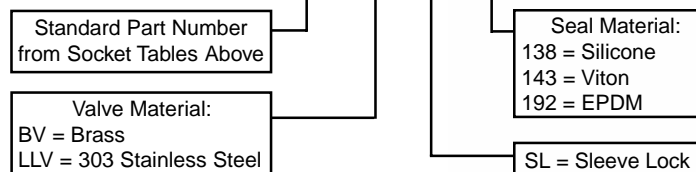
Part No.	Hose		Dimensions		
	I.D.	O.D.	C	D	HEX
3-PA0	3/16"	7/16"	2.25	0.63	0.56
3-PA3	3/16"	1/2"	2.25	0.70	0.63
3-PB1	1/4"	15/32"	2.31	0.70	0.63
3-PB3	1/4"	1/2"	2.31	0.70	0.63
3-PB5	1/4"	9/16"	2.31	0.77	0.69
3-PB7	1/4"	5/8"	2.31	0.84	0.75
3-PB9	1/4"	11/16"	2.31	0.91	0.81
3-PB11	1/4"	3/4"	2.31	0.98	0.88
3-PC5	5/16"	9/16"	2.38	0.77	0.69
3-PC7	5/16"	5/8"	2.38	0.84	0.75
3-PC9	5/16"	11/16"	2.38	0.91	0.81
3-PD5	3/8"	9/16"	2.44	0.77	0.69
3-PD7	3/8"	5/8"	2.44	0.84	0.75
3-PD9	3/8"	11/16"	2.44	0.91	0.81
3-PD11	3/8"	3/4"	2.44	0.98	0.88
3-PD13	3/8"	13/16"	2.44	1.05	0.94
3-PD15	3/8"	7/8"	2.44	1.12	1.00

\*45° Male Flare §With Ball Check †With Bleeder Ball Check – Reduces hose whip when disconnecting. ‡For use with push-on style hose.

### How to build a socket part number with options:

- Notes: 1) Some part numbers may be subject to minimum order quantities.  
2) Options not shown may be available by special quotation. Consult your Hansen distributor.

Example: 3000 - BV - SL - 143



All dimensions in inches.