



## PNEUMATIC COUPLINGS

### N-Series Bowes Interchange Coupler (Hose Barb)

#### SPECIFICATIONS

- Rated pressure for connected Steel Coupler & Steel Plug: 500 PSI (35 bar) Maximum Working and 7,000 PSI (480 bar) Burst
- Conforms to MIL-C-3486 and A-A-50431A standards

#### CONSTRUCTION

- Machined components are manufactured using solid bar stock.
- Nitrile (Buna-N) seals standard
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

#### AVAILABLE OPTIONS

- Additional seal options available
- Staked ferrule option available
- 316 stainless steel available in some versions upon request

#### COMPATIBILITY & INTERCHANGE DATA

- Bowes Interchange Bayonet Style
- Interchangeable with Bowes 51000-Series, National Series 'B', MacDonald Quick-Action, Campbell Single-Lock

SIZE	PART NUMBER	HOSE ID	MATERIAL	Length		Maximum OD		HEX Inch	WEIGHT Lb
				Inch	mm	Inch	mm		
3/8"	<b>3NCS4</b>	1/2"	Steel	2.41	61.2	1.20	30.5	-	0.18
1/2"	<b>4NS3</b>	3/8"	Steel	2.98	75.7	1.33	33.8	-	0.34
1/2"	<b>4NS3-B</b>	3/8"	Brass	2.98	75.7	1.33	33.8	-	0.36
1/2"	<b>4NS4</b>	1/2"	Steel	3.37	85.6	1.33	33.8	-	0.36
1/2"	<b>4NS4-B</b>	1/2"	Brass	3.37	85.6	1.33	33.8	-	0.40
1/2"	<b>4NS6</b>	3/4"	Steel	3.37	85.6	1.33	33.8	-	0.40
1/2"	<b>4NS6-B</b>	3/4"	Brass	3.37	85.6	1.33	33.8	-	0.44
1/2"	<b>4NS6-S</b>	3/4"	303 Stainless	3.37	85.6	1.33	33.8	-	0.41
1/2"	<b>4NS8</b>	1"	Steel	3.49	88.7	1.33	33.8	-	0.52
1/2"	<b>4NS8-B</b>	1"	Brass	3.49	88.7	1.33	33.8	-	0.56
1/2"	<b>4NS8-S</b>	1"	303 Stainless	3.49	88.7	1.33	33.8	-	0.56



Operating pressure for couplings utilizing hose barb connections may be dramatically reduced to that of the hose rating and/or hose end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application.

Dixon cannot assume liability for misapplication of production resulting in equipment down-time, lost production, and/or personal injury including death.

It is important to be safe when installing quick disconnect couplings into a pneumatic circuit. Never install a pneumatic coupling directly into an air tool, use a piece of hose that is at least 18" long, between the tool and the coupling, to prevent damage to the coupling. To protect the operator, safety devices, such as a safety check valve and safety cable should be installed in case there is a hose or coupling failure.

**WARNING:** Cancer and Reproductive Harm