

N Series Bowes/MacDonald Interchange

- Dual-guide sleeve tabs will ensure smooth collar action during connection and disconnection
- Convenient 'Push-Twist and Click' connection provides a positive locking condition while connected
- Pneumatically energised seal provides an airtight seal at all working pressures
- Optional safety-lock ring protects against accidental disconnection while coupling is in operation
- Highly versatile selection of end connections and body materials, as well as an available valved coupler option



PERFORMANCE SPECIFICATIONS	OPERATING BAR (psi)	BURST BAR (psi)	FLOW ΔP=0.4 BAR (6.9 BAR INLET)	LOCKING MECHANISM
3/8"	21 (300)	207 (3,000)	84 CFM	Latch Tabs
1/2"	21 (300)	207 (3,000)	250 CFM	Latch Tabs
1 1/4"	21 (300)	103 (1,500)	700 CFM	Latch Tabs

INTERCHANGE STANDARDS	US MILITARY	US GOVERNMENT	INTERNATIONAL STANDARDS	ANSI/NFPA
1/2"	MIL-C-3486	A-A-50431A	-	-

'N' SERIES INTERCHANGE	BOWES	NATIONAL	MACDONALD	DIXON
3/8"	-	-	-	-
1/2"	51000 Series	Series 'B'	Quick-Action	Dixlock
1 1/4"	51000 Series	-	-	-



(Male Thread)

N-SERIES (MINI-BOWES) INTERCHANGE (COUPLER)			
PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
3NM4	3/8"	1/2"-14 NPTF	steel
3NB4	3/8"	R1/2" BSPT	steel



(Male Thread)

N-SERIES (MINI-BOWES) INTERCHANGE (NIPPLE)			
PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
N3M4	3/8"	1/2"-14 NPTF	steel
N3B4	3/8"	R1/2" BSPT	steel



(Collar Barb)

N-SERIES (MINI-BOWES) INTERCHANGE (COUPLER)			
PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
3NCS4	3/8"	1/2" Collar Barb	steel