

We manufacture nozzles for virtually all makes and models of molding machines, as shown in the list below. Our extensive designer's library consists of hundreds of prints designed for your specific molding machine. In addition to standard designs, we can also custom design nozzles to match your exact specifications.

Arburg
Autojector
Battenfeld
Beloit
Bipel
Boston Matthews
Boy
Bucher
Chuan Lih Fa
Cincinnati
Cincinnati ACT / Roboshot
Cincinnati Roboshot
Cincinnati Vista
Cincinnati Vista Sentry
Demag
Desma
Dima
Dong Shin
Egan
Engel
Farrel
Fellows
Ferromatik
Fortune
Fu Chun Shin
Gloenco
Gloucester
Gluco
Goldstar
Haitian
Hettinga

HPM
Hull
Husky
Illinois Precision
Impco
Jaco
Johns
Jomar
JSW
Kawaguchi
Kenplas
Klockner Ferromatik
Klockner Windsor
Krauss-Maffei
Kuasy
Lester
Lombard
Maplan
Martinand
McNeil
Meiki
Metalmec
Mini-jector
MIR
Mitsubishi
Moslo
Multiplas
Natco
Negri Bossi
Netstal
New Britain

Newbury
Niigata
Nissei
Nissin
Pentaject
Presma
Promax
Pyramid
Reed Prentice
Rutil
Sandretto
Seiko
Shinwa Seiki
Sodick
Stokes
Stork
Stubbe
Sumitomo
Tien Fa
TMC
Toshiba
Toyo
Triulzi
Trubor
Trueblood
UBE
Van Dorn
Van Dorn / Demag
Van Dorn / GT
Wabash MPI
Welltec
Willert
Windsor
YCI - Supermax

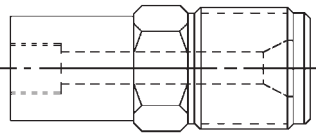
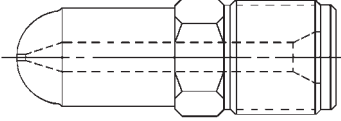
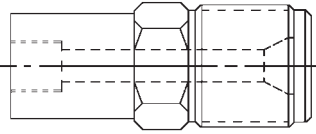
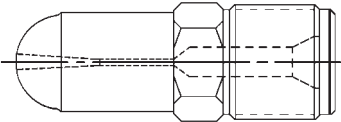
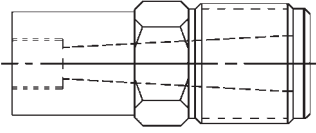
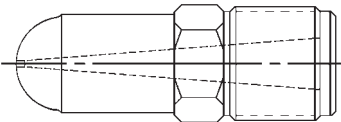


CALL TODAY FOR MORE
INFORMATION ON

NOZZLES

800-627-1033



Select a design:	Replaceable Tip Type	Solid Body Type
GENERAL PURPOSE	<input type="checkbox"/> Type A 	<input type="checkbox"/> Type B  Radius: _____ Orifice: _____
REVERSE TAPER (for Nylon)	<input type="checkbox"/> Type A 	<input type="checkbox"/> Type C  Radius: _____ Orifice: _____
FULL TAPER (for ABS)	<input type="checkbox"/> Type D 	<input type="checkbox"/> Type E  Radius: _____ Orifice: _____

We offer three standard nozzle designs to match your molding needs. Choose from General Purpose, Reverse Taper and Full Taper. All designs are available as a Replaceable Tip Type or Solid Body Type. Cartridge heated nozzles are also available. Call our design engineering team to request a quotation for your next nozzle.

CALL TODAY FOR MORE INFORMATION ON

NOZZLES

800-627-1033

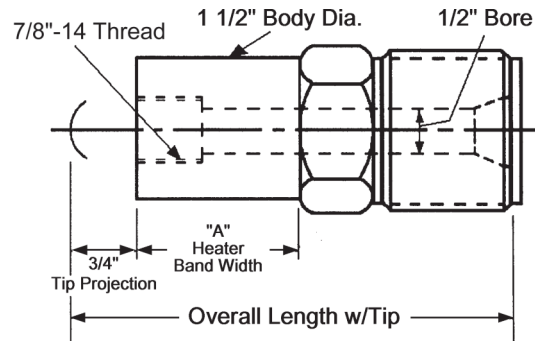
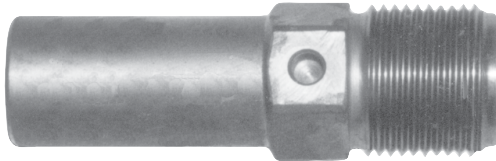


Replaceable Tip Type Nozzles



For Van Dorn, Cincinnati and Nissei Machines

TYPE A - General Purpose & Reverse Taper (Nylon)



PREFIX	MACHINE	REAR OPENING	THREAD SIZE	O.A.L. w/TIP*	DIMENSION "A" Heater Band Width^	PART NO.	PRICE EACH
VAN DORN							
NVD1-	Fits Van Dorn Model RS Sizes 200, 250, 300, 350, 400, 450 Ton & Others	1 1/4"	1 1/4 - 8	5"	1 1/2"	NVD1-5A TC	\$80.00
				6"	2 1/2"	NVD1-6A TC	\$95.00
				7"	3 1/2"	NVD1-7A TC	\$110.00
				8"	4 1/2"	NVD1-8A TC	\$130.00
				9"	5 1/2"	NVD1-9A TC	\$140.00
				10"	6 1/2"	NVD1-10A TC	\$155.00
NVD2-	Fits Van Dorn Model RS Sizes 50, 75, 110, 125, 150 Ton & Others	3/4"	1 1/4 - 12	5"	1 1/2"	NVD2-5A TC	\$80.00
				6"	2 1/2"	NVD2-6A TC	\$95.00
				7"	3 1/2"	NVD2-7A TC	\$110.00
				8"	4 1/2"	NVD2-8A TC	\$130.00
				9"	5 1/2"	NVD2-9A TC	\$140.00
				10"	6 1/2"	NVD2-10A TC	\$155.00
CINCINNATI							
NCN1-	Fits most Cincinnati machines, and some Farrel, Krauss Maffei, and Stokes machines.	3/4"	1 1/4 - 8	5"	1 1/2"	NCN1-5A 2TC	\$90.00
				6"	2 1/2"	NCN1-6A 2TC	\$105.00
				7"	3 1/2"	NCN1-7A 2TC	\$120.00
				8"	4 1/2"	NCN1-8A 2TC	\$140.00
				9"	5 1/2"	NCN1-9A 2TC	\$150.00
				10"	6 1/2"	NCN1-10A 2TC	\$165.00
NISSEI							
NNS3-**	Fits Nissei Models 9A, 12A, 18A, 25A, 36A Injection Units	20mm	M40x2	5"	1 1/2"	NNS3-5A	\$115.00
				6"	2 1/2"	NNS3-6A	\$130.00
				7"	3 1/2"	NNS3-7A	CALL FOR QUOTE
				8"	4 1/2"	NNS3-8A	
				9"	5 1/2"	NNS3-9A	
				10"	6 1/2"	NNS3-10A	
NNS5-	Fits Nissei Models 50A, 71A, 100A	26mm	M50x2	5"	1 1/2"	NNS5-5A	CALL FOR QUOTE
				6"	2 1/2"	NNS5-6A	
				7"	3 1/2"	NNS5-7A	
				8"	4 1/2"	NNS5-8A	
				9"	5 1/2"	NNS5-9A	
				10"	6 1/2"	NNS5-10A	

*Nozzle tip not included in price.

**Nozzle body is 1.575".

^Standard 1 1/2" I.D. heater band.

Thermocouple Holes

All Van Dorn and Cincinnati prices include thermocouple holes. Van Dorn nozzles are manufactured with one standard 1/8 NPT thermocouple hole. Cincinnati nozzles are manufactured with two thermocouple holes placed 180° apart; (1) 1/4 -28 for standard Cincinnati machines, and (1) 1/8 NPT for other machines. For special TC holes, specify thread size and depth. All nozzles are available with a TC hole at an additional \$20 charge.

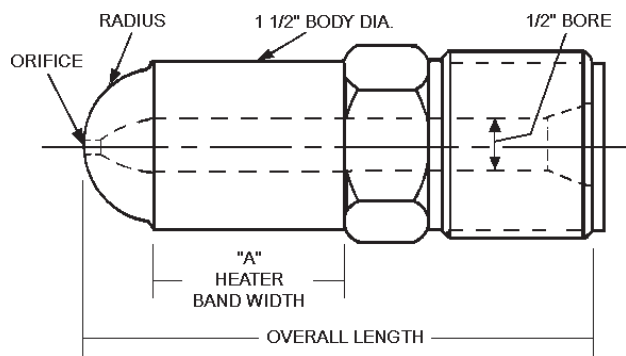


Solid Body Type Nozzles

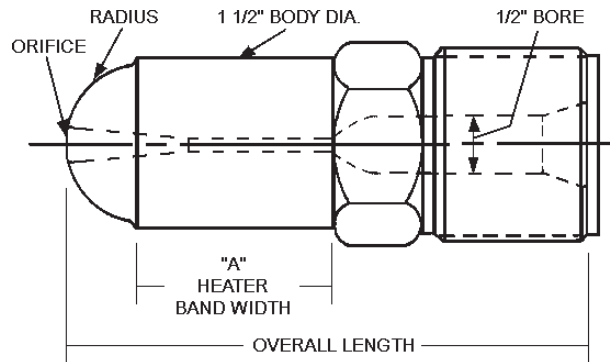


For Van Dorn Machines

TYPE B - General Purpose



TYPE C - Reverse Taper (Nylon)



PREFIX	MACHINE	REAR OPENING	THREAD SIZE	O.A.L. w/TIP*	NOZZLE TYPE	DIMENSION "A" Heater Band Width [^]	PART NO.	PRICE EACH
VAN DORN								
NVD1-	Fits Van Dorn Model RS Sizes 200, 250, 300, 350, 400, 450 Ton & Others	1 1/4"	1 1/4 -8	5"	B	1 1/2"	NVD1-5B TC*	\$155.00
					C	1 1/2"	NVD1-5C TC*	\$175.00
				6"	B	2 1/2"	NVD1-6B TC*	\$180.00
					C	2 1/2"	NVD1-6C TC*	\$195.00
				7"	B	3 1/2"	NVD1-7B TC*	\$205.00
					C	3 1/2"	NVD1-7C TC*	\$225.00
				8"	B	4 1/2"	NVD1-8B TC*	\$225.00
					C	4 1/2"	NVD1-8C TC*	\$250.00
				9"	B	5 1/2"	NVD1-9B TC*	\$265.00
					C	5 1/2"	NVD1-9C TC*	\$290.00
				10"	B	6 1/2"	NVD1-10B TC*	\$280.00
					C	6 1/2"	NVD1-10C TC*	\$310.00
NVD2-	Fits Van Dorn Model RS Sizes 50, 75, 110, 125, 150 Ton & Others	3/4"	1 1/4 -12	5"	B	1 1/2"	NVD2-5B TC*	\$155.00
					C	1 1/2"	NVD2-5C TC*	\$175.00
				6"	B	2 1/2"	NVD2-6B TC*	\$180.00
					C	2 1/2"	NVD2-6C TC*	\$195.00
				7"	B	3 1/2"	NVD2-7B TC*	\$205.00
					C	3 1/2"	NVD2-7C TC*	\$225.00
				8"	B	4 1/2"	NVD2-8B TC*	\$225.00
					C	4 1/2"	NVD2-8C TC*	\$250.00
				9"	B	5 1/2"	NVD2-9B TC*	\$265.00
					C	5 1/2"	NVD2-9C TC*	\$290.00
				10"	B	6 1/2"	NVD2-10B TC*	\$280.00
					C	6 1/2"	NVD2-10C TC*	\$310.00

[^]Standard 1/2" I.D. heater band.

*Insert Radius & Orifice: specify 2-digit radius (1/2" or 3/4"), and 2 or 3-digit orifice (3/32", 1/8", 5/32", 1/16", 3/16", 7/32", 1/4", or 9/32").

Thermocouple Holes

All prices include thermocouple holes. Van Dorn nozzles are manufactured with one standard 1/8 NPT thermocouple hole. For special TC hole, specify thread size and depth.





ELIMINATES
Stringing, Drooling and
Cold Slugs on
Difficult Materials!

Specially Designed for NYLON and ABS Applications!

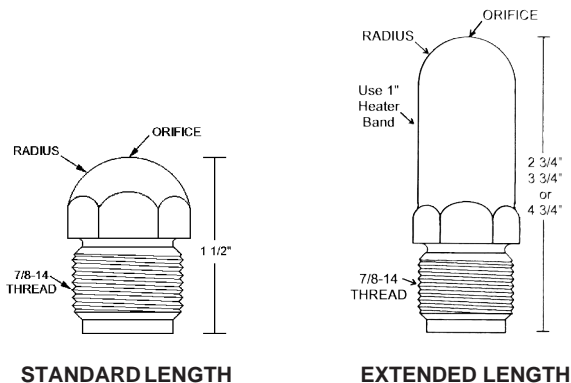
CAED Technology™ Nozzle Tips are uniquely designed to enable freeze off while running Nylon and ABS, unlike general purpose nozzle tips.

FEATURES:

- Available in Standard and Extended Lengths
- Manufactured from Beryllium Copper or S-5 Tool Steel
- Thru-hardened for Superior Life
- Fits all Replaceable Tip Nozzles
- Made in the U.S.A.

STANDARD DIMENSIONS:

- 7/8 -14 Thread
- 1/2" Rear Opening
- Available in lengths from 1 1/2" to 4 3/4"
- Available in orifice sizes from 1/16" to 1/2"



Type: Nylon or ABS?

"Nylon" = Polyamides and Other Low-Viscosity Materials
"ABS" = ABS, PVC and Other Shear-Sensitive Materials

Material: Beryllium Copper or S-5?

"B" = Beryllium Copper to Control Stringing and Drooling with Nylon
"S5" = S-5 Tool Steel to Minimize Cold Slugs with ABS

Standard Length				
DESCRIPTION	CONSTRUCTION	O.A.L.	PRICE EACH	
			1-2	3+
Standard Length Nozzle Tip	Beryllium Copper	1 1/2"	\$56.00	\$52.00
Standard Length Nozzle Tip	S-5	1 1/2"	\$42.00	\$37.00

Extended Length				
DESCRIPTION	CONSTRUCTION	O.A.L.	PRICE EACH	
			1-2	3+
Extended Length Nozzle Tip	Beryllium Copper	2 3/4"		\$125.00
		3 3/4"		CALL
		4 3/4"		CALL
Extended Length Nozzle Tip	S-5	2 3/4"		\$75.00
		3 3/4"		\$85.00
		4 3/4"		\$95.00

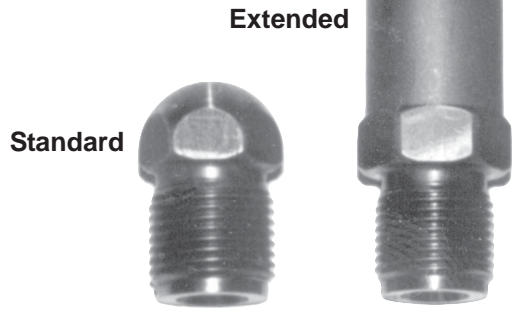
To Order, Please Provide the Following Information:

1. *Specify Type:* For Nylon or ABS
2. *Specify Material:* Beryllium Copper or S-5 Tool Steel
3. *Specify Radius*
4. *Specify Orifice:* 1/16" to 1/2"
5. *Specify Length (for extended nozzle tips only)*
6. *Optional Thermocouple Hole:* Add \$20.00 Each to the Price.

Premium Tool Steel Nozzle Tips



**Thru-hardened
for Superior Life**

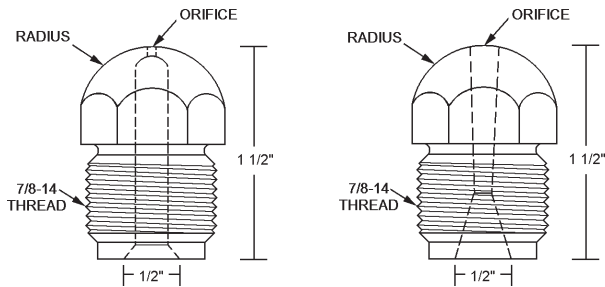


FEATURES:

- Available in Standard and Extended Lengths
- Manufactured from S-5 Tool Steel
- Thru-hardened for Superior Life
- Fits all Replaceable Tip Nozzles
- Made in the U.S.A.

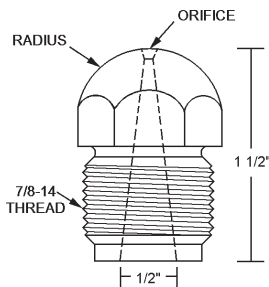
STANDARD DIMENSIONS:

- 7/8" -14 Thread
- 1/2" Rear Opening
- Available in lengths from 1 1/2" to 4 3/4"

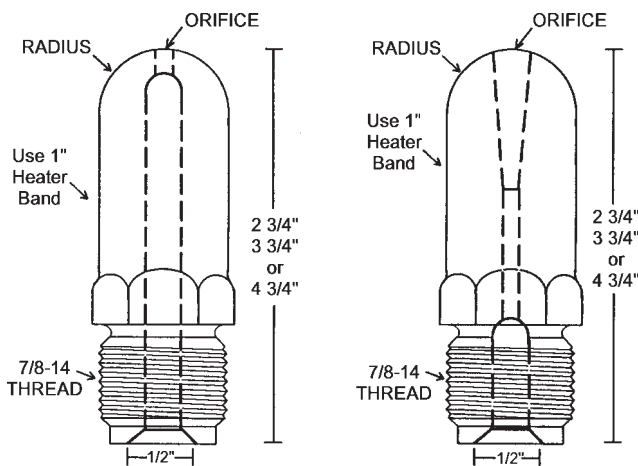


**STANDARD LENGTH
General Purpose**

**STANDARD LENGTH
Reverse Taper for Nylon**



**STANDARD LENGTH
Full Taper**



**EXTENDED LENGTH
General Purpose**

**EXTENDED LENGTH
Reverse Taper for Nylon**

<i>Standard</i>			
DESCRIPTION	O.A.L.	PRICE EACH	
		1-5	6+
General Purpose	1 1/2"	\$23.00	\$21.00
Reverse Taper (Nylon)	1 1/2"	\$25.00	\$23.00
Full Taper	1 1/2"	\$35.00	\$33.00

<i>Extended</i>		
DESCRIPTION	O.A.L.	PRICE EACH
General Purpose	2 3/4"	\$49.00
	3 3/4"	\$59.00
	4 3/4"	\$68.00
Reverse Taper (Nylon)	2 3/4"	\$56.00
	3 3/4"	\$65.00
	4 3/4"	\$75.00
Full Taper	2 3/4"	\$54.00
	3 3/4"	\$63.00
	4 3/4"	\$73.00

*To Place An Order,
Please Provide the
Following Information:*

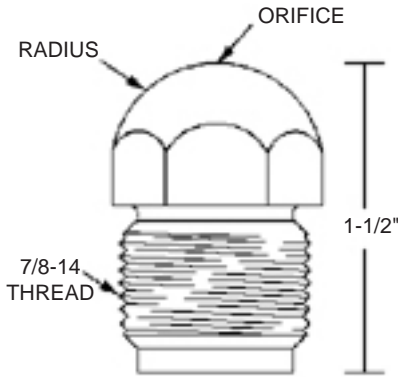
1. *Specify Type:* General Purpose, Reverse Taper or Full Taper
2. *Specify Radius*
3. *Specify Orifice:* 1/16" to 1/2"
4. *Specify Length (for extended nozzle tips only)*
5. *Optional Thermocouple Hole:* Add \$20.00 Each to the Price.



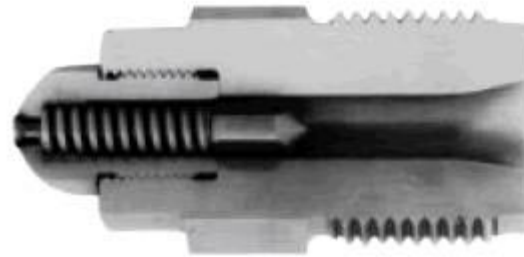
Shutoff Nozzle Tip



Minimize nozzle drool and sink patterns. Easily installed in SFP replaceable tip type nozzles. The spring loaded valve in the nozzle tip restricts movement of material until activated by injection. The shutoff pin opens in the direction of the sprue bushing and closes once screw recovery has begun.



1/16" Orifice requires 7/32" minimum sprue bushing.
 1/8" Orifice requires 9/32" minimum sprue bushing.
 3/16" Orifice requires 5/16" minimum sprue bushing.



Assembled Photo (Nozzle Body Not Included)

FEATURES:

- Standard 1-1/2" Length
- Fits all Replaceable Tip Nozzles
- 7/8-14 Thread
- 1/2" Rear Opening
- Orifice Sizes 1/16", 1/8", or 3/16"
- 1/2" or 3/4" Tip Radius
- Made in the U.S.A.

PART NUMBER:

NT-SO

1	2
12	116

PRICE EACH:

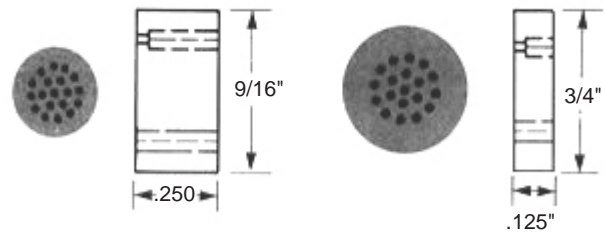
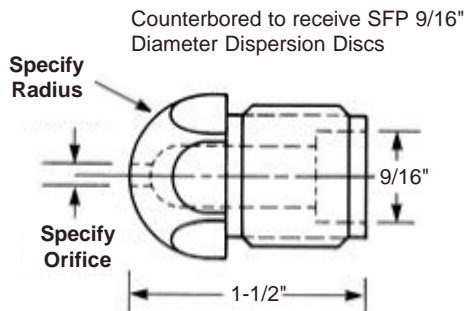
\$105.00

1. Radius (1/2" or 3/4")
2. Orifice (1/16", 1/8", or 3/16")

Dispersion Discs



Installed in nozzle tip for quick access, improved color mixing, and prevention of foreign material passage.



(Can be used behind any tip)

PART NUMBER:

NT-GPDD

1	2
12	116

 1. Radius (1/2" or 3/4")
2. Orifice (1/16" - 3/8")

PRICE EACH: \$35.00

PART #	# OF HOLES	OD	HOLE DIAMETER	PRICE EACH
DD-1934025	19	3/4"	.025"	\$25.00
DD-1934050	19	3/4"	.050"	\$18.00
DD-19916025	19	9/16"	.025"	\$25.00
DD-19916050	19	9/16"	.050"	\$18.00
DD-7916085	7	9/16"	.085"	\$23.00

