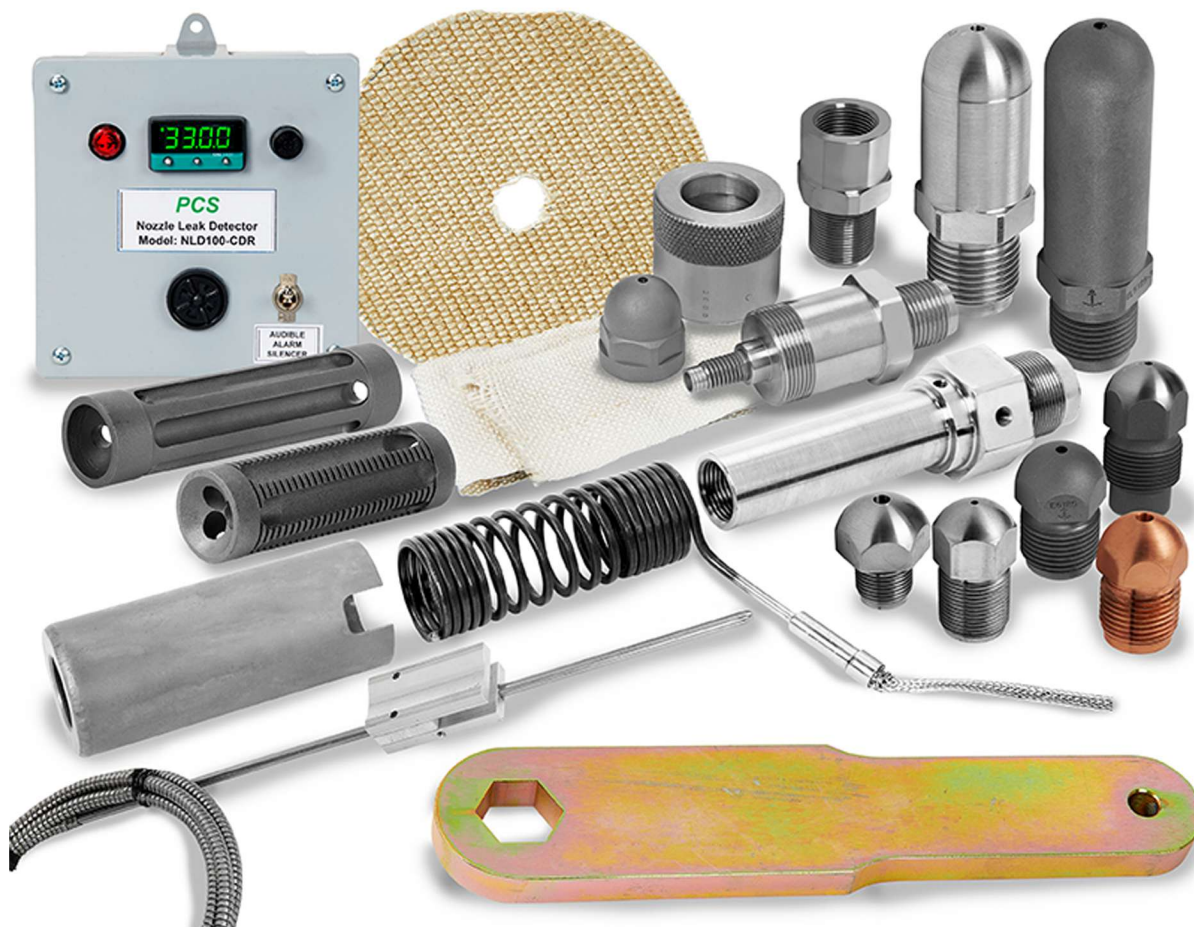


PCS COMPANY **NOZZLE TIPS AND ACCESSORIES**

THE BEST QUALITY AND FINEST WORKMANSHIP



www.pcs-company.com

email: sales@pcs-company.com | phone: 800-521-0546

PCS COMPANY NOZZLE REFERENCE GUIDE

PRESS THREAD	REAR OPENING	THREAD LENGTH
ARBURG		
24 mm - 1.5mm LH	8 mm	1.13
24 mm - 1.5mm RH	8 mm	1.13
35 mm - 2 mm RH	19 mm	1.06
35 mm - 2 mm LH	19 mm	1.06
39 mm - 2 mm RH	19 mm	1.19
39 mm - 2 mm LH	30 mm	1.19
45 mm - 1.5 mm LH	22 mm	1.19
45 mm - 1.5 mm LH	22 mm	1.38
45 mm - 1.5 mm LH	25 mm	1.19
45 mm - 1.5 mm LH	25 mm	1.38
45 mm - 2 mm LH	18 mm	1.19
45 mm - 2 mm LH	18 mm	1.38
45 mm - 2 mm LH	18 mm	1.50
45 mm - 2 mm LH	22 mm	1.19
45 mm - 2 mm LH	22 mm	1.38
45 mm - 2 mm LH	22 mm	1.50
45 mm - 2 mm LH	25 mm	1.19
45 mm - 2 mm LH	25 mm	1.38
45 mm - 2 mm LH	25 mm	1.50
45 mm - 2 mm LH	25 mm	1.19
50 mm - 2 mm RH	30 mm	1.38
50 mm - 2 mm LH	30 mm	1.38
52 mm - 2 mm RH	30 mm	1.25
52 mm - 2 mm LH	30 mm	1.25
52 mm - 2 mm RH	35 mm	1.25
52 mm - 2 mm LH	35 mm	1.25
52 mm - 2 mm RH	40 mm	1.25
52 mm - 2 mm LH	40 mm	1.25
55 mm - 2 mm LH	40 mm	1.44
60 mm - 2 mm LH	30 mm	1.00

PRESS THREAD	REAR OPENING	THREAD LENGTH
AUTOJECTOR		
1-1/2" - 12	1.00	.75
1-3/4" - 12	.78	.88
1-3/4" - 12	1.25	.88
2 " - 12	1.50	.91
BATTENFELD		
35 mm - 2 mm	.812	1.19
35 mm - 2 mm	25 mm	1.13
35 mm - 2 mm	21 mm	.98
35 mm - 2 mm	.375	1.19
35 mm - 2 mm	30 mm	1.25
35 mm - 2 mm	19 mm	.91
35 mm - 2 mm	22 mm	1.00
35 mm - 2 mm	1.00	1.25
40 mm - 2 mm	25 mm	.94
40 mm - 2 mm	30 mm	.94
40 mm - 2 mm	20 mm	1.97
40 mm - 2 mm	.812	1.00
40 mm - 2 mm	1.00	1.50
45 mm - 2 mm	35 mm	1.19
55 mm - 3 mm	33 mm	1.50
55 mm - 3 mm	32 mm	1.56
65 mm - 3 mm TRAP*	48 mm	1.75
65 mm - 3 mm	50 mm	2.00
65 mm - 3 mm	2.00	2.00
90 mm - 4 mm TRAP*	48 mm	2.36
BOY		
24 mm - 1.5 mm	13 mm	1.08
24 mm - 1.5 mm	14 mm	1.08
24 mm - 1.5 mm	16 mm	1.08

(continued next page)

PRESS THREAD	REAR OPENING	THREAD LENGTH
BOY (continued)		
33 mm - 1.5 mm	22 mm	.88
33 mm - 1.5 mm	24 mm	.88
35 mm - 1.5 mm	16 mm	1.42
35 mm - 1.5 mm	25 mm	1.42
CINCINNATI		
1-1/4" - 12	.750	.83
1-1/2" - 12	.500	2.00
1-1/2" - 12	.750	2.00
1-3/4" - 8	.750	1.75
1-3/4" - 8	1.000	1.63
2" - 8	1.000	1.88
2" - 16	1.000	1.88
2-3/4" - 6	1.75	1.75
DEMAG (also see Van Dorn)		
30 mm - 2 mm	20 mm	30 mm
45 mm - 3 mm	25 mm	
60 mm - 3 mm	25 mm	36 mm
60 mm - 3 mm	40 mm	40 mm
60 mm - 2 mm	30 mm	45 mm
ENGEL		
7/8" - 14	.490	.88
28 mm - 1.5 mm	.472	1.26
40 mm - 3 mm	1.25	1.15
40 mm - 2 mm	25 mm	1.18
45 mm - 1.5 mm	30 mm	1.06
EGAN		
1-1/8" - 12	.562	1.25
1-1/8" - 12	.625	1.38
1-1/8" - 12	.750	1.38
1-5/8" - 8	.750	1.50
1-3/4" - 8	.750	1.75
2-1/4" - 8	.750	1.50

PRESS THREAD	REAR OPENING	THREAD LENGTH
HAITIAN		
39mm - 2 mm	24 mm	
45mm - 4 mm	20 mm	
HPM		
1-5/8" - 12 (Female)	.750	.63
1-5/8" - 12 (Female)	.500	.63
1-1/4" - 8 (Buttress)	.625	1.34
1-3/4" - 8	.750	1.75
2-1/2" - 8	1.000	1.50
3-1/8" - 8	1.000	1.43
3-1/8" - 8 (5/8" Ext. Seat)	1.000	2.18
HUSKY		
1-3/4" - 8	.375	1.63
1-3/4" - 8	1.000	1.63
45 mm - 3 mm	16 mm	2.06
64 mm - 4 mm	22 mm	2.36
JACO		
7/8" - 14	.500	.88
JSW		
45 mm - 3 mm	25 mm	1.63
50 mm - 3 mm	15 mm	2.25
55 mm - 3 mm	8 mm	1.58
KAWAGUCHI		
1" - 12	.625	1.09
1-3/4" - 8	.937	1.75
1-3/4" - 8	1.250	1.75
1-1/4" - 12	7/8"	1.63
30 mm - 1.5 mm	12 mm	1.13
30 mm - 3 mm	.500	1.88

(continued next page)

PRESS THREAD	REAR OPENING	THREAD LENGTH
KAWAGUCHI (continued)		
30 mm - 3.5 mm	12 mm	1.63
38 mm - 3 mm	14 mm	1.63
45 mm - 3 mm	16 mm	1.50
55 mm - 3 mm	.750	1.94
KLOCKNER FERROMATIK		
1" BPT	.394	1.41
30 mm - 2 mm	.394	.78
30 mm - 1.5 mm	.315	.63
52 mm - 3 mm	.63	3.03
KRAUSS-MAFFEI		
1-1/4" - 12	.750	1.38
1-3/4" - 8	.750	1.63
12 mm - 1 mm (Female)	5 mm	.55
45 mm - 2 mm	19 mm	1.63
55 mm - 3 mm	36 mm	1.31
70 mm - 4 mm TRAP	35 mm	1.71
85 mm - 2 mm	55 mm	1.57
110 mm - 3 mm	70 mm	2.66
MEIKI		
22 mm - 1.5 mm	.610	1.00
38 mm - 11 T.P.I.	.890	1.13
METAL MAC		
45 mm - 2 mm	1.360	1.50
48 mm - 2 mm	40 mm	
52 mm - 2 mm	45 mm	2.36
55 mm - 2 mm	45 mm	2.36
58 mm - 2 mm	50 mm	2.20
70 mm - 3 mm	54 mm	2.55
80 mm - 3 mm	65 mm	2.60

PRESS THREAD	REAR OPENING	THREAD LENGTH
MIR		
75 mm - 3 mm	1.78	2.07
80 mm - 3 mm	1.97	2.48
MITSUBISHI		
1-1/2" - 12	.92	.98
1-1/2" - 12	.59	1.38
1-1/2" - 12	.750	1.38
NATCO		
2-1/4" - 8 (Female)	.600	1.07
2-1/4" - 8 (Female)	.750	1.07
3" - 8	1.750	1.31
NEGRI-BOSSI		
2" - 8	.750	2.13
33 mm - 1.5 mm	19 mm	.75
40 mm - 2 mm	28 mm	.94
52 mm - 2.5 mm	28 mm	1.52
58 mm - 2 mm	38 mm	1.77
58 mm - 3 mm	45 mm	1.49
64 mm - 3 mm	34 mm	1.50
64 mm - 4 mm	1.245	2.34
70 mm - 2 mm	45 mm	2.39
70 mm - 3 mm	45 mm	1.57
72 mm - 3 mm	60 mm	1.88
82 mm - 3 mm	2.77	2.25

(continued next page)

CALL US FIRST FOR YOUR NOZZLE NEEDS!

PCS COMPANY NOZZLE REFERENCE GUIDE

PRESS THREAD	REAR OPENING	THREAD LENGTH
NEW BRITAIN		
4" - 6 (Female)	55 mm	3.20
44 mm - 3 mm TRAP*	30 mm	1.44
45 mm - 4 mm	12 mm	1.88
55 mm - 3 mm	.750	1.56
55 mm - 3 mm	1.26	1.56
65 mm - 3 mm TRAP*	48 mm	2.00
NIIGATA		
40 mm - 3 mm	30 mm	1.25
50 mm - 2 mm	1.35	2.02
NISSEI		
35 mm - 2 mm	20 mm	1.00
35 mm - 2 mm	20 mm	1.44
40 mm - 2 mm	20 mm	1.31
40 mm - 2 mm	20 mm	1.63
45 mm - 2 mm	1.195	1.19
50 mm - 2 mm	26 mm	1.70
50 mm - 12 T.P.I.		1.85
60 mm - 2 mm	47 mm	1.87
60 mm - 3 mm	1.000	1.50
1-3/8" - 12	.750	1.63
NEWBURY		
1-1/2" - 12	.843	1.19
REED		
1-1/4" - 8 (Buttress)	.625	1.31
1-1/2" - 12	.812	1.66
1-3/4" - 8	.750	1.75
1-3/4" - 12	.1000	1.00
2" - 12 (Female)	1.250	1.25

PRESS THREAD	REAR OPENING	THREAD LENGTH
SANDRETTO		
40 mm - 3 mm	30 mm	40 mm
50 mm - 3 mm	35 mm	55 mm
55 mm - 3 mm	40 mm	55 mm
60 mm - 3 mm	45 mm	60 mm
70 mm - 4 mm	55 mm	64 mm
SUMITOMO		
48 mm- 2 mm	32 mm	1.31
TOSHIBA		
1-1/2" - 12	15 mm	1.38
1-1/2" - 12	15 mm	1.00
3-1/4" - 8	52 mm	1.97
38 mm - 1.5 mm	15 mm	.96
48 mm - 1.5 mm	25 mm	1.62
60 mm - 4 mm	28 mm	1.62
60 mm - 4 mm	32 mm	1.61
60 mm - 4 mm	36 mm	1.62
80 mm - 4 mm	55 mm	2.94
TOYO		
36 mm - 2 mm	23 mm	1.30
42 mm - 3 mm	24 mm	1.26
50 mm - 3 mm	26 mm	2.06
65 mm - 4 mm	32 mm	1.61
65 mm - 4mm	40 mm	1.61
TRUEBLOOD		
7/8" - 12	.246	.78
1-1/4" - 12	.63	1.16
UBE		
50 mm - 2 mm	35 mm	1.42
VAN DORN (also see Demag)		
1-1/4" - 12	.750	1.63
1-3/4" - 8	1.25	1.75

With Industry Standard 7/8-14 Thread



**Increases Seal Area,
Eliminate Leaking**

General Purpose, Nylon, and Full Taper Designs

PART NO.	DESCRIPTION	DESIGN
GPLR7125	3/4" radius, 1/8" Orifice	General Purpose
GPLR7187	3/4" radius, 3/16" Orifice	General Purpose
GPLR7156	3/4" radius, 5/32" Orifice	General Purpose
GPLR7250	3/4" radius, 1/4" Orifice	General Purpose
GPLR7375	3/4" radius, 3/8" Orifice	General Purpose
GPLR7500	3/4" radius, 1/2" Orifice	General Purpose

Reduce Nozzle costs and increase flexibility



2 Choices of materials

- **Chrome Vanadium Tungsten tool steel:**

- Exceptional toughness and impact strength
- Superior wear resistance
- Resistance to high temperature fatigue

- **Beryllium Copper:**

- Reduces tip freeze-offs
- Eliminates stringing problems

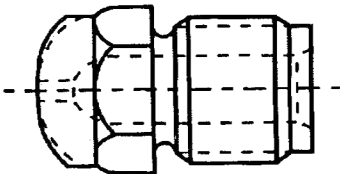
Replace only the tip for:

- Longer lengths for recessed sprue bushings
- Orifice size to reduce pressure drop at nozzle
- When radius is worn or damaged
- Internal design matching your type of plastic material

Available in 3 Internal Designs

GENERAL PURPOSE

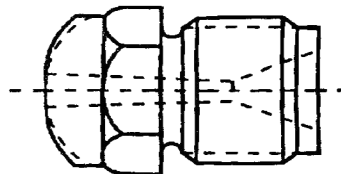
(Straight Bore)



For all general purpose materials;
i.e. styrene, polyethylene, polypropylene etc.

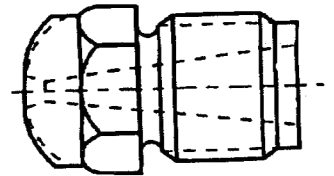
NYLON

(Reverse Taper)



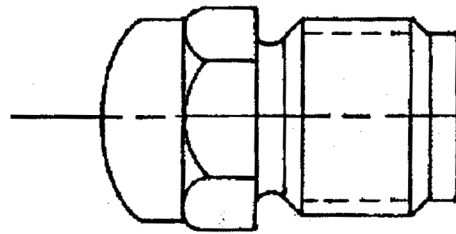
Reduces drool when
processing nylon.

FULL TAPER



For use with ABS, PVC, acrylics
and other engineering materials.

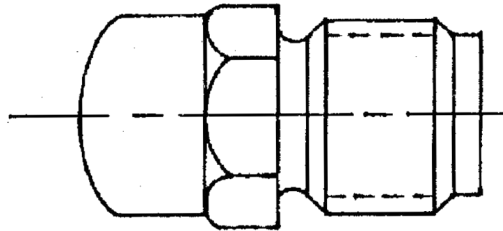
PCS COMPANY TOOL STEEL or COPPER NICKEL NOZZLE TIPS



1-1/2" OAL
Adds 3/4" to body length

Standard 7/8"-14 Thread, 1/2" R.O.

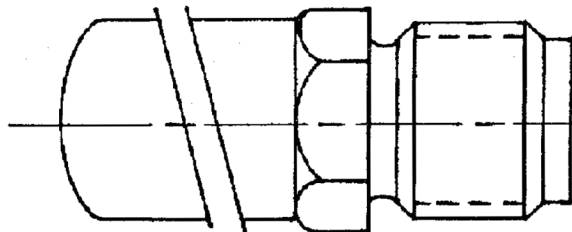
Tool Steel
General Purpose (GP)
Nylon (N)
Full Taper (FT)
Beryllium Copper
General Purpose (GPBC)
Nylon (NBC)
Full Taper (FTBC)



2.75" OAL
Adds 2" to body length
Takes Standard or Keylock 1"x1" Heater Band

Standard 7/8"-14 Thread, 1/2" R.O.

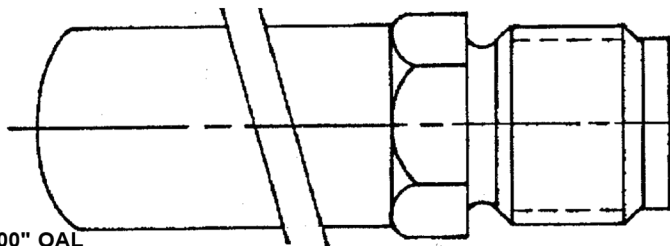
Tool Steel
General Purpose (GP)
Nylon (N)
Full Taper (FT)
Beryllium Copper
General Purpose (GPBC) **INQUIRE**
Nylon (NBC) **INQUIRE**



3-3/4" OAL
Adds 3-1/4" to body length
Takes Standard or Keylock 1"x2" Heater Band

Standard 7/8"-14 Thread, 1/2" R.O.

Tool Steel
General Purpose (GP)
Nylon (N)
Full Taper (FT)
Beryllium Copper
General Purpose (GPBC) **INQUIRE**
Nylon (NBC) **INQUIRE**



5.00" OAL
Adds 4.25" to body length
Takes Standard or Keylock 1"x 4" Heater Band

Standard 7/8"-14 Thread, 1/2" R.O.

Tool Steel
General Purpose (GP)
Nylon (N)
Full Taper (FT)
Beryllium Copper
General Purpose (GPBC) **INQUIRE**
Nylon (NBC) **INQUIRE**

Ordering Information

For short 1-1/2" tips

GP
N
FT
GPBC
NBC
FTBC

Radius
1/2" : 5
3/4" : 7

Orifice

1/16" : 062	7/32" : 218
1/8" : 125	1/4" : 250
5/32" : 156	5/16" : 312
3/16" : 187	3/8" : 375

For 2.75", 3.75" & 5" long tips

GP
N
GPBC
NBC

L

Radius
1/2" : 5
3/4" : 7

Orifice

1/16" : 062	7/32" : 218
1/8" : 125	1/4" : 250
5/32" : 156	5/16" : 312
3/16" : 187	3/8" : 375

2 : 2-3/4" OAL
3 : 3-3/4" OAL
5 : 5" OAL

PCS COMPANY **HEAVY DUTY NOZZLE TIP WRENCH**



- HEAVY DUTY CARBON STEEL
- NO RUSTING ZINC PLATED
- EASY TO USE



REMOVE TIPS EASILY

DIMENSION:

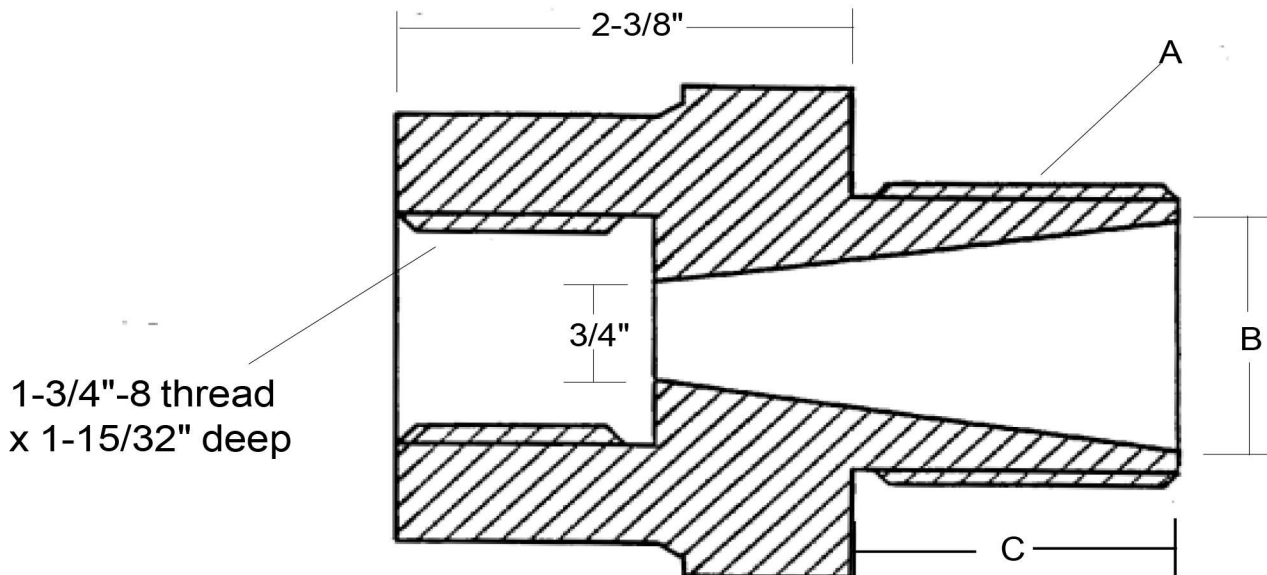
OAL: 9-1/2" X 1-7/8" X 1/2"

PART NO.	DESCRIPTION
NTW950	NOZZLE TIP WRENCH

Save time and most importantly save money!

Adapts your Nozzle machine thread to industry standard
1-3/4"-8 Thread, 3/4" rear opening

Standardize your imported machines to popular American thread
Use only 1 size Nozzle throughout your plant
regardless of machine make, size, etc.!



All adaptors accept a
2-1/2" I.D. x 1-1/2" wide Heater Band
- Not included-

ADVISE:

A - Thread Size
B - Rear Opening
C - Length of Thread
D - Machine Make
E - Heater Band
Voltage if needed
120 or 240 volts

Reduce your nozzle inventory drastically

MACHINE MAKE	PART NO.	THREAD SIZE	REAR OPENING	THREAD LENGTH
ARBURG	NAA2415RH	24mm x 1.5mmRH	.295	1.11
ARBURG	NAA2415LH	24mm x 1.5mmLH	.295	1.11
ARBURG	NAA4515LH	45mm x 1.5mmLH	.866	1.141
ARBURG	NAA4520LH	45mm x 2mmLH	.708	1.496
ARBURG	NAA5220RH	52mm x 2mmRH	1.377	1.25
ARBURG	NAA5220LH	52mm x 2mmLH	1.377	1.25
BATTENFELD	NAB3520	35mm x 2mm	.827	1.22
BATTENFELD	NAB4020	40mm x 2mm	.984	1.181
BATTENFELD	NAB6530	65mm x 3mm	1.889	1.968
BILLION	NABN3515	35mm x 1.5mm	1.063	1.063
BILLION	NABN5020	50mm x 2mm	1.417	2.047
BOY	NABY2415	24mm x 1.5mm	.551	1.299
BOY	NABY3315	33mm x 1.5mm	.866	.866
BOY	NABY3515	35mm x 1.5mm	.629	1.417
CINCINNATI	NAC11212	1-1/2 x 12	.500	1.889
DEMAG	NAD4020	40mm x 2mm	1.063	1.771
DEMAG	NAD4530	45mm x 3mm	.984	1.220
DEMAG	NAD603098	60mm x 3mm	.984	1.417
DEMAG	NAD6030157	60mm x 3mm	1.574	1.574
ENGEL	NAE402094	40mm x 2mm	.944	1.259
ENGEL	NAE4020108	40mm x 2mm	1.083	.826
ENGEL	NAE5530	55mm x 3mm	1.181	1.102
FORTUNE	NAF5030	50mm x 3mm	1.023	2.126
HPM	NAH15812F	1-5/8 x 12 female	.750	.625
HPM	NAH31808E	3-1/8 x 8	1.000	2.187
JSW	NAJ4530	45mm x 3mm	1.023	1.574
JSW	NAJ5030	50mm x 3mm	.590	2.250
KAWAGUCHI	NAK17508	1-3/4 x 8	.937	1.250
KAWAGUCHI	NAK4530	45mm x 3mm	.629	1.968
KRAUSS-MAFFE	NAKM11412	1-1/4 x 12	.750	1.496
KRAUSS-MAFFE	NAKM5530	55mm x 3mm	1.299	1.687
MIR	NAMIR7530	75mm x 3mm	1.771	2.070
MITSUBISHI	NAM1121259	1-1/2 x 12	.590	1.375
MITSUBISHI	NAM1121275	1-1/2 x 12	.750	1.375
NEGRI-BOSSI	NANB4020	40mm x 2mm	1.063	1.496
NEW BRITAIN	NANBN5530	55mm x 3mm	.750	1.687
NEWBURY	NANBY11212	1-1/2 x 12	.843	1.440
NISSEI	NANIS4020	40mm x 2mm	.787	1.496
NISSEI	NANIS5020	50mm x 2mm	1.023	1.653
SANDRETTO	NASAN5030	50mm x 3mm	1.377	1.330
TOSHIBA	NAT11212	1-1/2 x 12	.590	1.375
TOSHIBA	NAT31408	3-1/4 x 8	2.047	2.250
TOYO	NATOY5030	5mm x 3mm	1.023	2.060
WINDSOR	NAWIN4020	40mm x 2mm	.787	1.220
VAN DORN	NAVDN11412	1-1/4 x 12	.750	1.625
VAN DORN	NAVDN17508	1-3/4 x 8	1.250	1.750

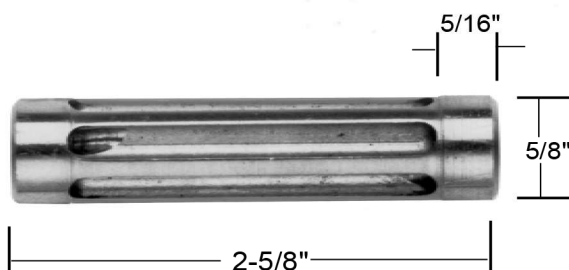
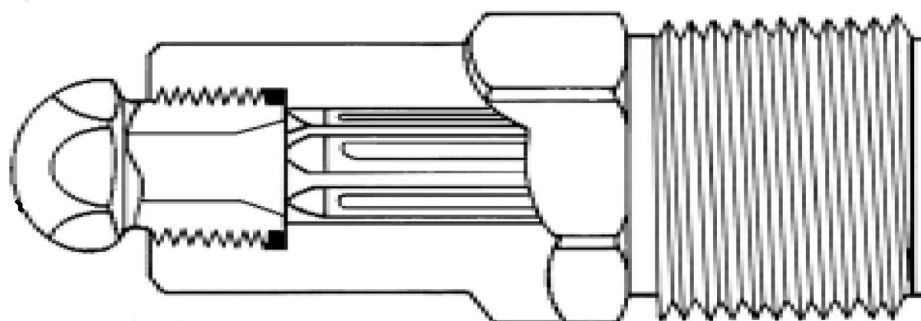
PCS COMPANY / LINEAR EDGE FILTER NOZZLE

A must for all Hot Runner Molds

- Traps Foreign Material
- Protects Hot-Runner Mold Gates

- Maximum Protection
- Minimum Pressure Drop

Thousands sold worldwide

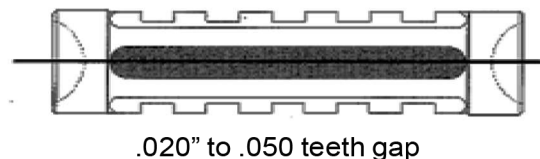


Material flows into rear-ported helical grooves, over barriers into adjacent front-ported grooves. .010" gap between groove barriers and nozzle I.D. traps foreign particles.

Also provides mixing action.

Standard Size fits any modified removable-tip nozzle
Choose standard 316 Stainless Steel or long-wearing CPM9V Powder Metal Tool Steel.

Add Teeth for improved filtration and improved flow



Two ways to buy:

- A Filter only — modify your own nozzle (instructions included with filter).
B Filter / Nozzle set — Purchased nozzle is machined to accept filter.

PART NO.	DESCRIPTION	DIMENSIONS
F1	Standard Size 316 Steel Filter	5/8" dia x 2-5/8" long
F1-9V	Standard Size CPM9V Filter	5/8" dia. x 2-5/8" long
F1-KONSS	Small, Kona-Compatible 316 Stainless Steel Filter	9/16" dia. x 1-3/4" long
F1-KON9V	Small, Kona-Compatible CPM9V Filter	9/16" dia. x 1-3/4" long
F2	Large 316 Stainless Steel Filter	.866 dia. x 4" long
F2-9V	Large CPM9V Filter	.866 dia. x 4" long

One Advanced Universal Tip For All Your Jobs!

Eliminates the need of Stocking General Purpose, Nylon or Full Taper Tips

- Reduce Downtime
- Decrease Rejected Parts
- Increase your margins
- Reduce Mold Damages
- Short Shot Control

Developed by molder Sam Kern, for All molders so you know it works!



Patent #US006604933B1

**"E" is here!
"E"verything
Thermoplastic**

Look for the
Anchor, to assure
you're getting the
Original "E" Tip

1/2" Radius 1-1/2" OAL

PART NO.	RADIUS	ORIFICE	OAL
E5093	1/2"	3/32"	1-1/2"
E5125	1/2"	1/8"	1-1/2"
E5156	1/2"	5/32"	1-1/2"
E5187	1/2"	3/16"	1-1/2"
E5250	1/2"	1/4"	1-1/2"
E5312	1/2"	5/16"	1-1/2"
E5375	1/2"	3/8"	1-1/2"
E7125	3/4"	1/8"	1-1/2"
E7156	3/4"	5/32"	1-1/2"
E7187	3/4"	3/16"	1-1/2"
E7250	3/4"	1/4"	1-1/2"
E7312	3/4"	5/16"	1-1/2"
E7375	3/4"	3/8"	1-1/2"

1/2" Radius Extend Tips 2-3/4" OAL

PART NO.	RADIUS	ORIFICE	OAL
EL5125-2	1/2"	1/8"	2-3/4"
EL5156-2	1/2"	5/32"	2-3/4"
EL5187-2	1/2"	3/16"	2-3/4"
EL5250-2	1/2"	1/4"	2-3/4"
EL5312-2	1/2"	5/16"	2-3/4"

Arburg Tips 1/2" Radius Extend Tips 1.8" OAL

PART NO.	RADIUS	ORIFICE	OAL
E5093ARG	1/2"	3/32"	1.8
E5125ARG	1/2"	1/8"	1.8
E5156ARG	1/2"	5/32"	1.8
E5187ARG	1/2"	3/16"	1.8



Extended Tips



Arburg Tips

- Couple the "E" Tip to our Coil Heated Nozzles and you have the Best Nozzle Temperature Control Money Can Buy!
- Other Orifice Sizes & Lengths available
- 1/2" and 3/4" Radius
- Industry standard 7/8-14 thread
- H13 Tool Steel Heat Treated R46-48

1/2" Radius Extend Tips 3-3/4" OAL

PART NO.	RADIUS	ORIFICE	OAL
EL5125-3	1/2"	1/8"	3-3/4"
EL5156-3	1/2"	5/32"	3-3/4"
EL5187-3	1/2"	3/16"	3-3/4"
EL5250-3	1/2"	1/4"	3-3/4"

1/2" Radius Extend Tips 5" OAL

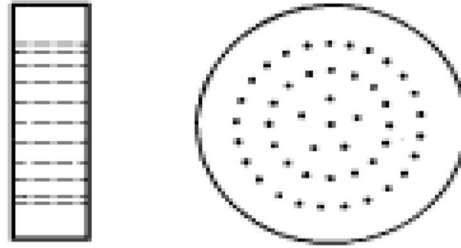
PART NO.	RADIUS	ORIFICE	OAL
EL5125-5	1/2"	1/8"	5"
EL5156-5	1/2"	5/32"	5"
EL5187-5	1/2"	3/16"	5"
EL5250-5	1/2"	1/4"	5"

3/4" Radius Extend Tips 5" OAL

PART NO.	RADIUS	ORIFICE	OAL
EL7125-5	3/4"	1/8"	5"
EL7156-5	3/4"	5/32"	5"
EL7187-5	3/4"	3/16"	5"
EL7250-5	3/4"	1/4"	5"
EL7312-5	3/4"	5/16"	5"
EL7125-5	3/4"	1/8"	5"

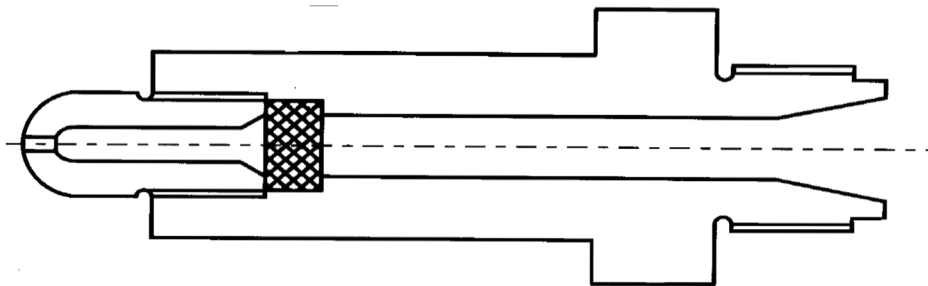
Patented TIP Controls or Eliminates Stringing, Drooling and Cold Slugs.

12



An economical solution for trapping foreign debris – plus it aids in color dispersion!

Fits into front of Special Counterbored Nozzle Body



Ideal for protecting hot runner molds.
Perfect for small machines where space prohibits use of a larger filter assembly.

3 TYPES AVAILABLE

Part # DFD37

37 hole Straight through (hole size: .030)

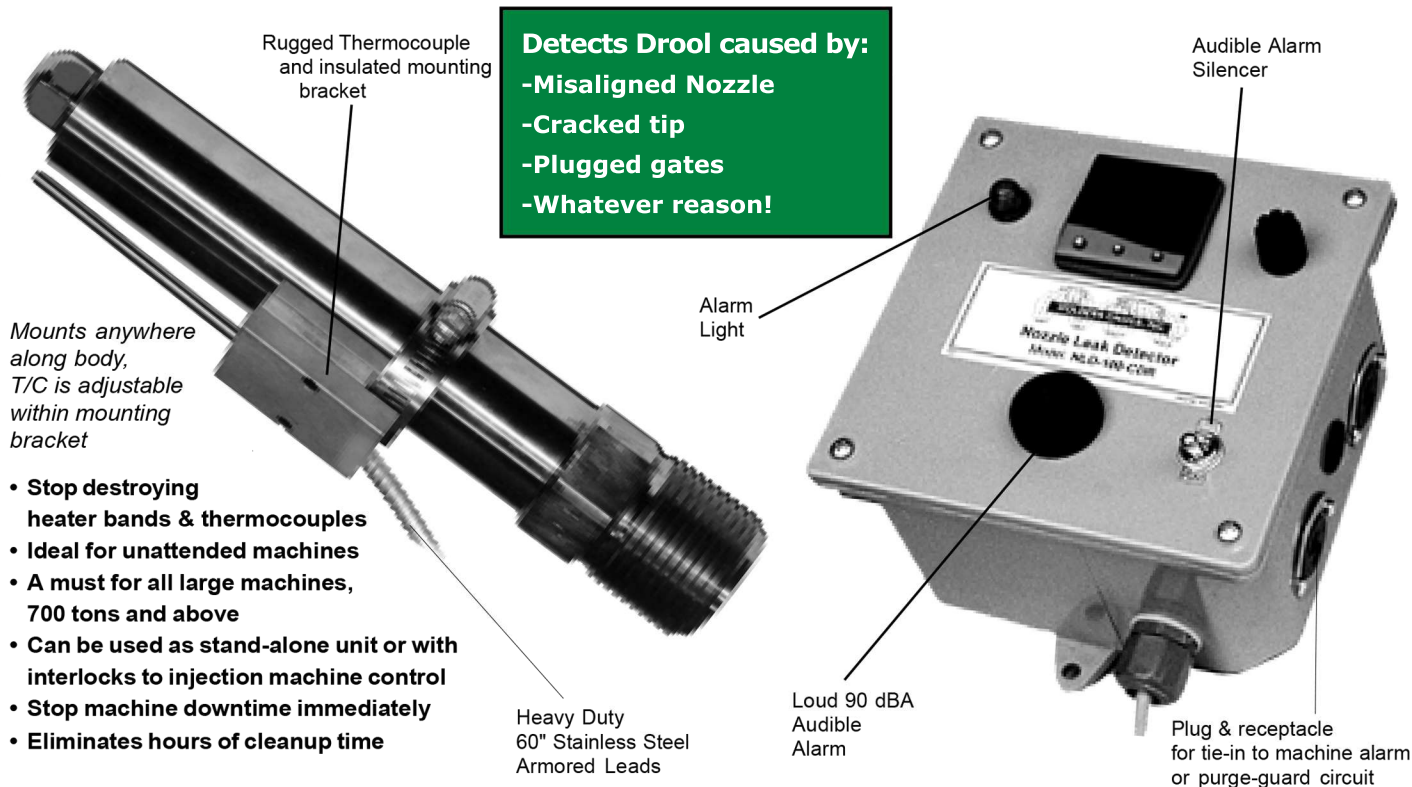
Part # DFD49

49 hole Straight through (hole size: .020)

Part # DFD9C

9 Counterbores (.125/.025 jet holes)

PCS COMPANY NOZZLE LEAK DETECTOR



How it works:

The thermocouple assembly mounts easily on your nozzle using a simple clamp (can be mounted directly on top of a heater band or on the nozzle body of an internally heated nozzle). The thermocouple plugs into a convenient receptacle at the side of control box. Set control approximately 100 to 150°F below nozzle zone temperature. If leaking plastic comes in contact with the thermocouple, the audible alarm will sound and the alarm light will illuminate.

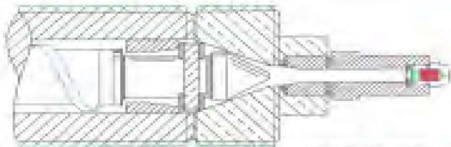
Premium Model NLD100-CDR with relay and convenient receptacles for input and output. Can be interfaced to your machine control-panel alarm circuit or wired directly to the purge guard circuit to stop injection immediately.

TO ORDER: Advise Control Box and Thermocouple Required

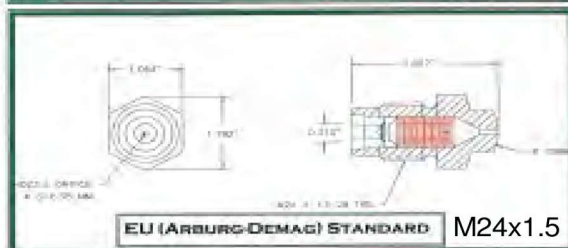
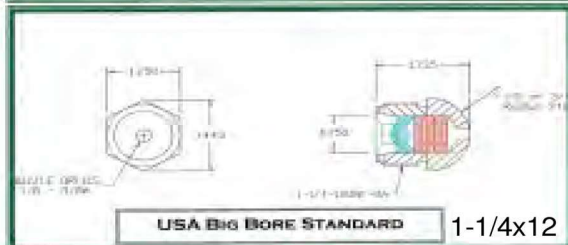
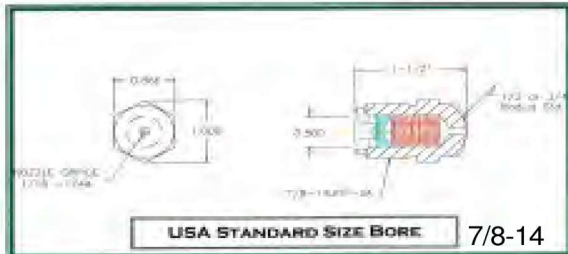
Premium	NLD100-CDR	Control Box with Alarm & Relay for Machine Interface
RECOMMENDED THERMOCOUPLES WITH MOUNTING BRACKETS		
	NLT3-MB	3" Straight Thermocouple w/insulated mounting bracket for medium nozzles: 6", 7" or 8" long. Has 60" stainless steel armored leads
	NLT6-MB	6" Straight Thermocouple w/insulated mounting bracket for long nozzles: 8", 9" or 10" long. Has 60" stainless steel armored leads
	NLT9-MB	9" Straight Thermocouple w/insulated mounting bracket for extra long nozzles: 12" & longer. Has 60" stainless steel armored leads
	NLT12-MB	12" Straight Thermocouple w/insulated mounting bracket for extra long nozzles: 12" & longer. Has 60" stainless steel armored leads

“The Worlds Smallest Shut Off Tip”

Designed to replace a standard tip in a removable tip nozzle, the new shut off tip converts your open nozzle into an efficient shut off nozzle in seconds.

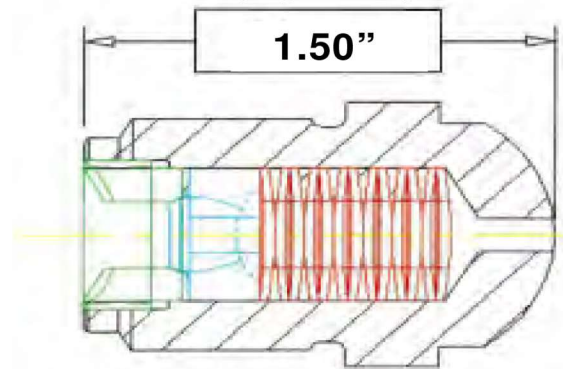


Patent Pending

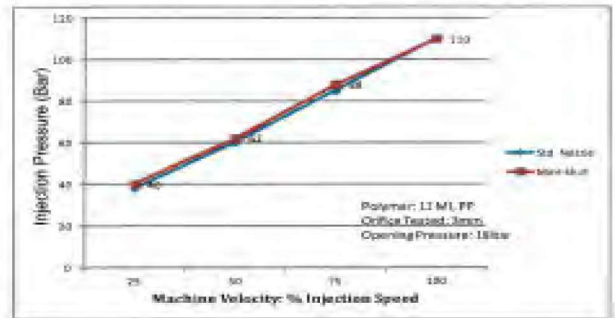


Mini-Shut™ BENEFITS & Features

- Eliminate Melt-Decompression
- Eliminate Drooling
- Eliminate Stringing
- Improved Part Weight Consistency
- Easy to install and remove
- Inexpensive
- Fits in Virtually all Nozzle Bodies
- Operate the Clamp and Screw Simultaneously
- Lower Pressure Drop, Low Shear
- Operating Temperature of + 750° F / 398° C
- Easy to clean with Purging Techniques



Minimal Pressure Drop



Theory vs. Reality

Control of the Melting process depends on a number of factors including the proper screw and screw tip design, setting variables such as back pressure, barrel temperatures, screw speed and melt decompression.

If we could eliminate the need for Melt Decompression which is used to eliminate drooling and stringing, the process becomes more stable and many surface imperfections become obsolete!

Keeps Heat *IN*, Plastic *OFF* Heater Bands



**Reach Higher
Molding Temperatures
without Freezing OFF –
Good to 1000°F**

**Wraps right over
the Heater Band**

**A MUST for Processing HIGH TEMPERATURE MATERIALS
such as Rynite®, Ultem® and Polycarbonate.**

Features:

- **Non-Flammable**
- **High Physical Strength**
- **Dimensionally Stable**
- **Fits Right over Heaters**
- **Secures with
High Temperature Tape**

Specifications:

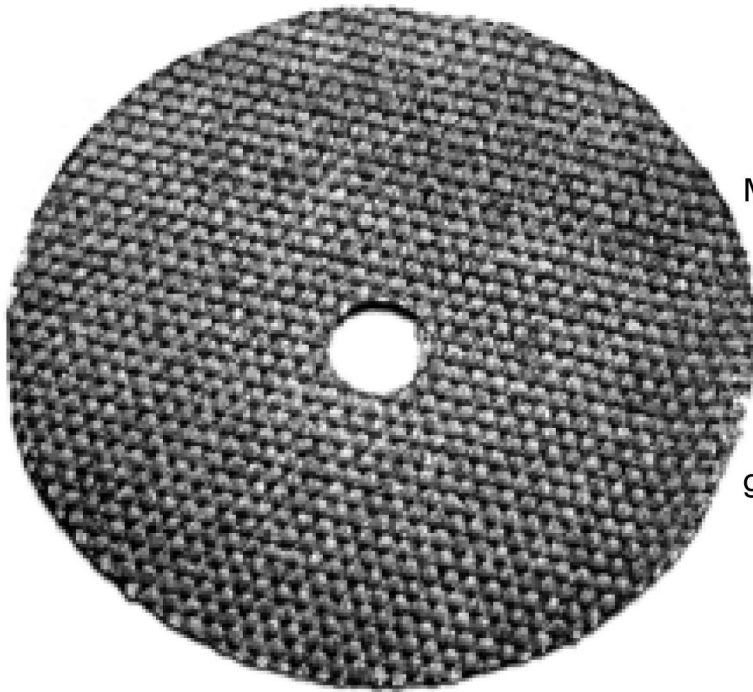
- 100% Fiberglass (Asbestos Free)
- Heat Cleaned, Woven Material
- Thickness: 0.0312
- Thermal Endurance: 1000°
- 3" Wide

PART NO.
NIW1000 Insulation Wrap
T34110 High Temperature Tape 3/4" x 40' long

® Rynite is a registered Trademark of
E.I. du Pont de Nemours and Company.

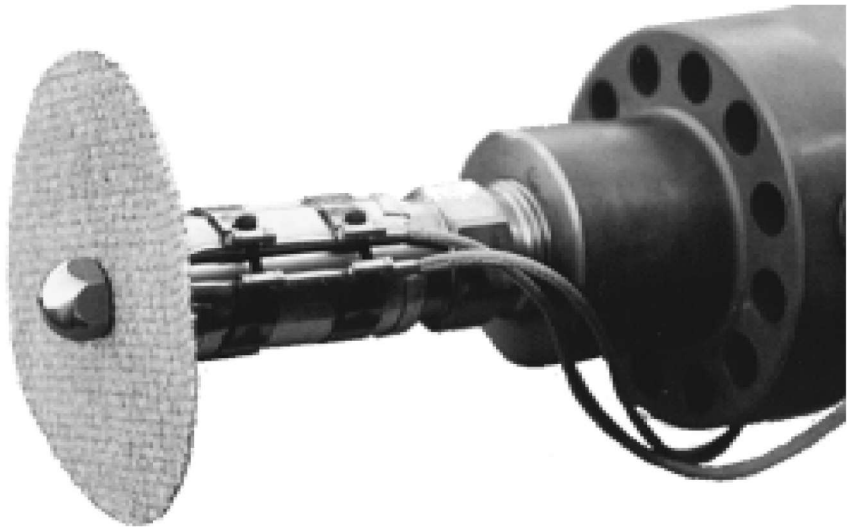
® Ultem is a registered Trademark of
General Electric Company

**Keeps nozzle plastic off of your Heater Bands
and Barrel Insulation, Prolongs heater life**



Most nozzle bands fail prematurely because drooling plastic shorts them out. It happens all the time. You lose money by losing machine time, by buying bands and by tying up your maintenance guy. With a Drool Guard, your nozzle bands stay clean. You can afford to buy good bands - and leave them on for years.

- Plastic-proof fiber fabric discs
- Withstands temperatures over 1700° F (1000°C)
- Quick, easy installation
- Removable and Reusable



PART NO.	I.D.	O.D.
DG55	3/4"	5-1/2"
DG75	1"	7-1/2"



Turn To The Industry Experts

