

Hot Sprue Bushing Tips / Nuts

PCS Company's Standard Hot Sprue Bushing Tips and Nuts are offered in Open Nut, Sprue Gate and Bush/Ring Gate styles. The open nut and bush/ring gate tips accept either standard or wear resistant needles for better process control and part cosmetics.

Features:

- 3 tip styles to choose from
- Both .750" and 1.000" diameters for sprue and bush/ring gate tips
- Extra stock option for sprue and bush/ring gate tips
- Titanium ring available for the open nut tip to better control tip temperature



Item Number	Material	Type Style	Dia.	Extra Stock	Orifice	Taper
EF-075	H13	Sprue	.750"	N/A	.079"	5°
EF-075-125	H13	Sprue	.750"	N/A	.125"	5°
EF-075XS	H13	Sprue	.750"	.625"	.125"	5°
EF-075XS-078	H13	Sprue	.750"	.625"	.078"	5°
EF-100	H13	Sprue	1.000"	N/A	.079"	5°
EF-100-125	H13	Sprue	1.000"	N/A	.125"	5°
EF-100XS	H13	Sprue	1.000"	.625"	.125"	5°
EF-100XS-078	H13	Sprue	1.000"	.625"	.078"	5°
HSB-ON	H13	Open Nut	N/A	N/A	N/A	N/A
SE-075	H13	Sprue	.750"	N/A	.078"	3°
SE-100	H13	Sprue	1.000"	N/A	.078"	3°
SN-075	H13	Bush/Ring Gate	.750"	N/A	.059"	3°
SN-075XS	H13	Bush/Ring Gate	.750"	.500"	.059"	3°
SN-100	H13	Bush/Ring Gate	1.000"	N/A	.059"	3°
SN-100XS	H13	Bush/Ring Gate	1.000"	.500"	.059"	3°
HS-TI	Titanium	N/A	N/A	N/A	N/A	N/A

Hot Sprue Bushing Needles

PCS Company's Hot Sprue Bushing Needles are offered in standard or wear resistant materials. These needles are compatible with PCS Hot Sprue Bushing Nuts/Tips such as open nut and bush/ring gate. Choose from point tip or flow through tip options.

Features:

- Standard and wear resistant materials
- Point tip and flow through options
- Compatible with PCS open nut or bush/ring gate tips



Item Number	Type	Compatible Tip/Nut	No. of Holes
FTE-10	Standard Flow Through	SE	1
FTN-10	Standard Flow Through	SN / ON	1
TE-10	Standard Point	SE	3
TN-10	Standard Point	SN / ON	3
WTE-10	Wear Resistant Point	SE	1
WTN-10	Wear Resistant Point	SN / ON	1
WTN-10-3	Wear Resistant Point	SN / ON	3

Hot Sprue Bushing Heaters

PCS Company's Hot Sprue Bushing Heaters are direct replacements for both head and body heaters. The standard HSH body heater along with the HH-100 head heater is supplied with an internal J type thermocouple. Optional HSHP heaters are designed for specialty applications such as metal injection molding (MIM).

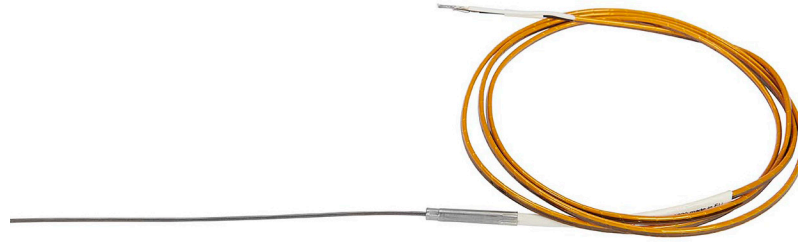


Features:

- All heaters are 240v
- HH & HSH heaters built with internal J type thermocouple
- HSHP heaters are for high performance applications such as MIM molding

Item Number	Heater Type	Voltage	Wattage	TC Type	Length
HH-100	Head	240	250	J	N/A
HSH-13	Body	240	225	J	1.375"
HSH-18	Body	240	250	J	1.875"
HSH-23	Body	240	300	J	2.375"
HSH-28	Body	240	350	J	2.875"
HSH-33	Body	240	400	J	3.375"
HSH-38	Body	240	450	J	3.875"
HSH-43	Body	240	450	J	4.375"
HSHP-13	Body	240	160	J	1.375"
HSHP-18	Body	240	229	J	1.875"
HSHP-23	Body	240	239	J	2.375"
HSHP-28	Body	240	248	J	2.875"

Hot Sprue Bushing Thermocouple



PCS Company's Hot Sprue Bushing Thermocouples are all J-type. They are 1mm in diameter and come in lengths to fit PCS Hot Sprue Bushings. These thermocouples are designed to be a backup to the integral thermocouple found in the body heaters.

Features:

- J-Type Thermocouple
- 36" leads
- Designed for PCS Hot Sprue Bushings

Item Number	Type	Diameter (in/mm)	Length (in)	Lead Length
HST-13	J	0.039" / 1 mm	1.375	36"
HST-18-23	J	0.039" / 1 mm	2.375	36"
HST-28-33	J	0.039" / 1 mm	3.375	36"
HST-38	J	0.039" / 1 mm	3.875	36"
HST-43	J	0.039" / 1 mm	4.375	36"

Hot Sprue Bushing Accessories

PCS Company's Hot Sprue Bushing Accessories include items such as locating ring, stripper plate bushing, snap ring and heater covers.



Features:

- Direct replacement for standard items
- Stripper plate bushings maintain tip temperature plus alignment and protection of the tip
- Standard 3.990" diameter locating ring
- Heater covers provide protection during installation and processing

Item Number	Description	Length	Diameter	Material
HSL101	Locating Ring	.968"	3.990"	Tool Steel
HS-100	Snap Ring	N/A	N/A	Spring Steel
HSPB-13	Stripper Plate Bushing	1.375"	N/A	Tool Steel
HSPB-18	Stripper Plate Bushing	1.875"	N/A	Tool Steel
HR-100	Head Heater Cover	N/A	N/A	Aluminium
HSR-13	Body Heater Cover	1.375"	.984"	Aluminium
HSR-18	Body Heater Cover	1.875"	.984"	Aluminium
HSR-23	Body Heater Cover	2.375"	.984"	Aluminium
HSR-28	Body Heater Cover	2.875"	.984"	Aluminium
HSR-33	Body Heater Cover	3.375"	.984"	Aluminium
HSR-38	Body Heater Cover	3.875"	.984"	Aluminium
HSR-43	Body Heater Cover	4.375"	.984"	Aluminium