SXTG13

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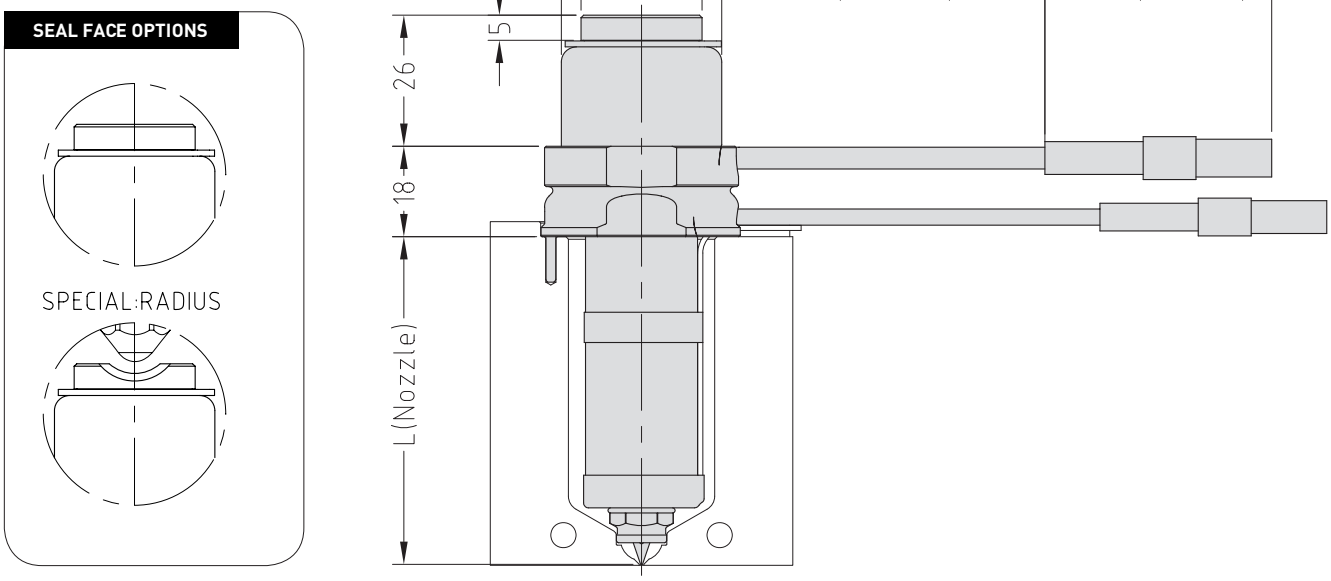
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 13 TT)	✓	✓	✓
One-hole Torpedo Tip (X 13 IT)	✓	✓	✓
Open Tip (X 13 OT)	✓	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT13175 G5 Radius=0)

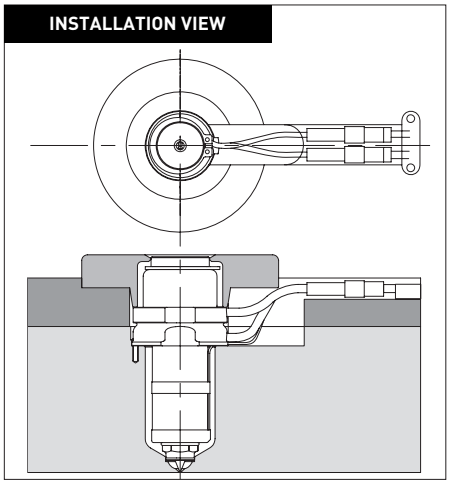
To order a tip:
Provide the Tip Code + Grade
(Order example: X 13 IT G5)

Nozzle Dimensions



Note

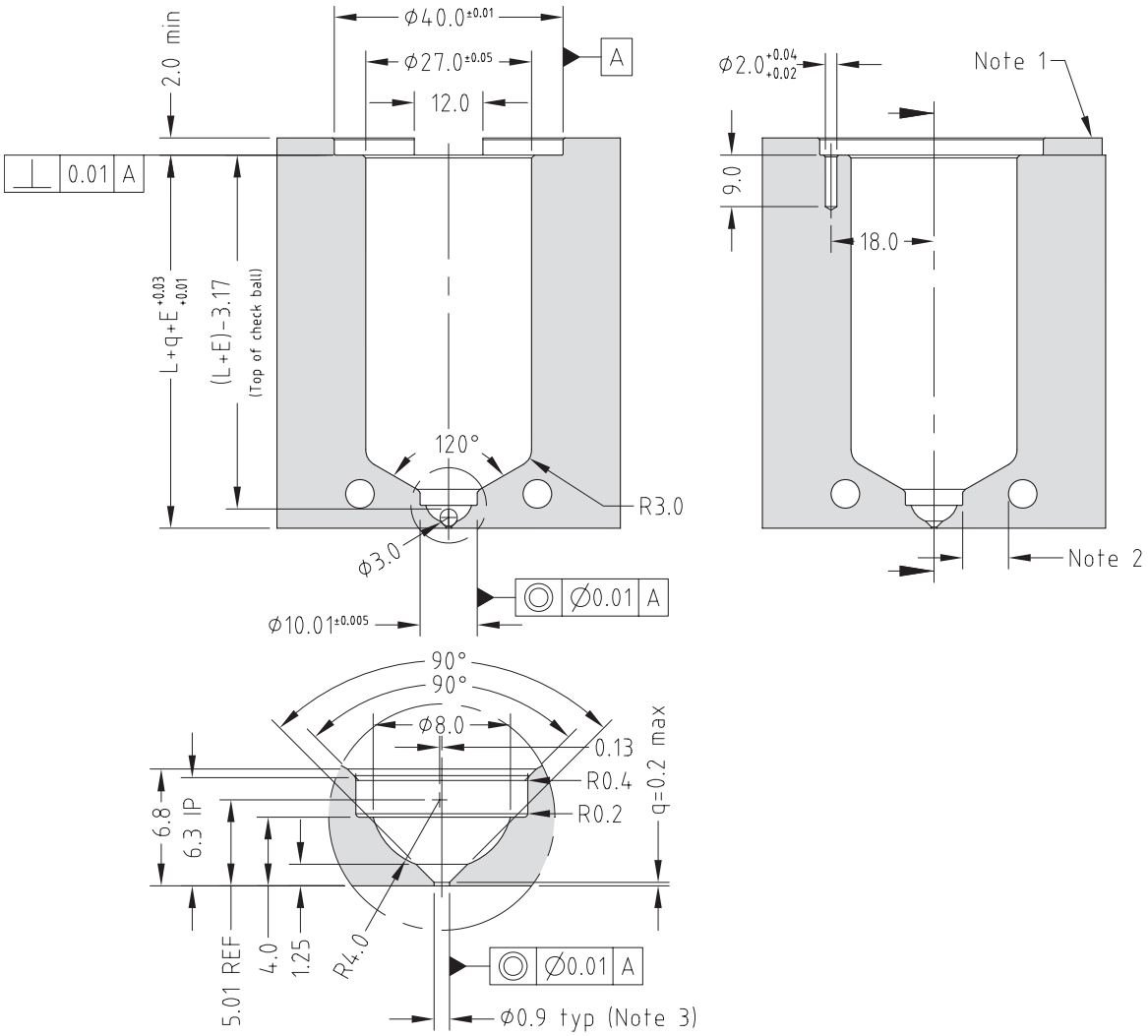
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTT13045	SXIT13045	SXOT13045	45	0.12	0.15
SXTT13055	SXIT13055	SXOT13055	55	0.15	0.18
SXTT13065	SXIT13065	SXOT13065	65	0.17	0.21
SXTT13075	SXIT13075	SXOT13075	75	0.20	0.25
SXTT13095	SXIT13095	SXOT13095	95	0.25	0.31
SXTT13115	SXIT13115	SXOT13115	115	0.30	0.38
SXTT13145	SXIT13145	SXOT13145	145	0.38	0.48
SXTT13175	SXIT13175	SXOT13175	175	0.46	0.58

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 13 TT)	✓	✓	✓
One-hole Torpedo Tip (X 13 IT)	✓	✓	✓
Open Tip (X 13 OT)	✓	×	×

Bush Nut Options

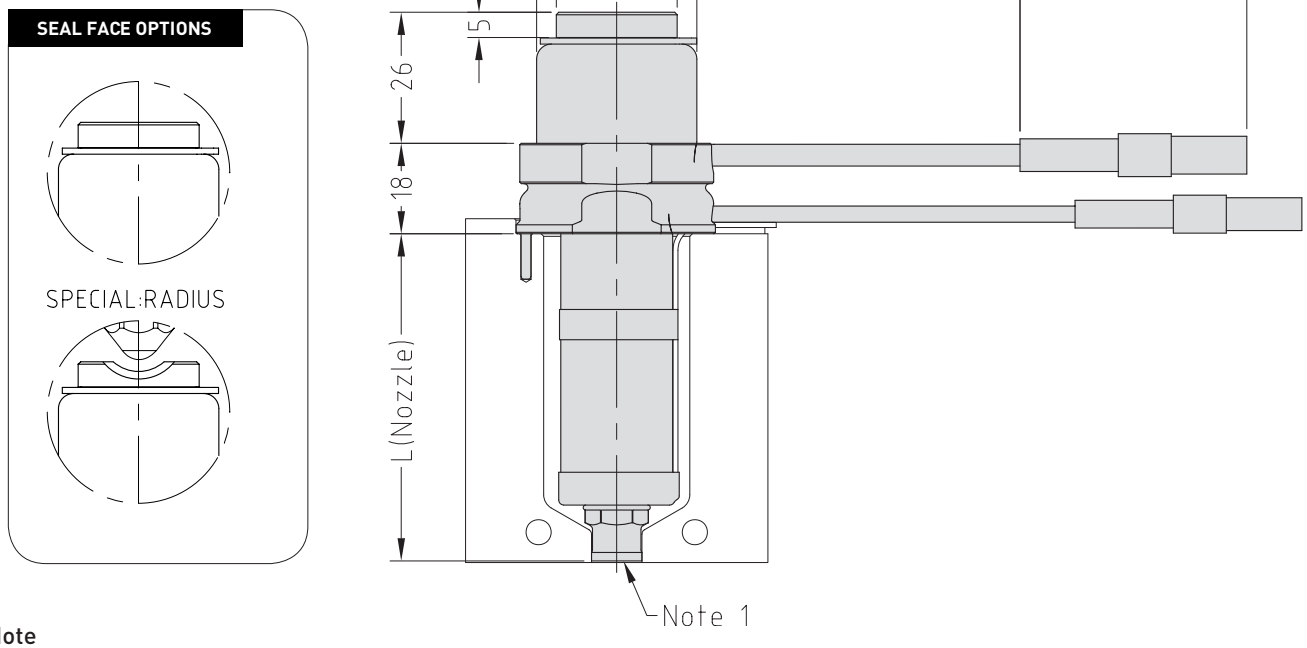
- BN - Standard bush nut
- BE - Full-contact bush nut*

The nozzle codes listed to the right are for nozzle assemblies with a standard bush nut. To order a full-contact bush nut, replace the BN in the code with BE.

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIBN13075 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 13 IT G5)

Nozzle Dimensions

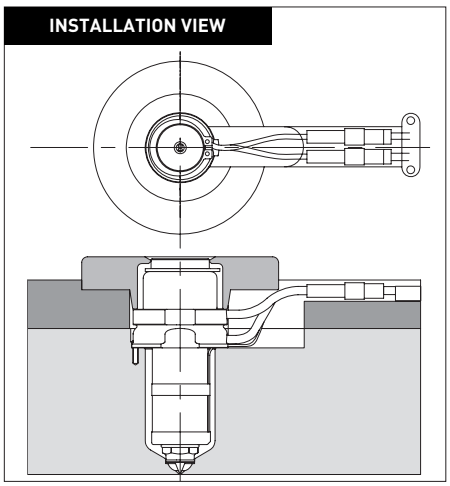


Note

1. Modify the contact area and the bush nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

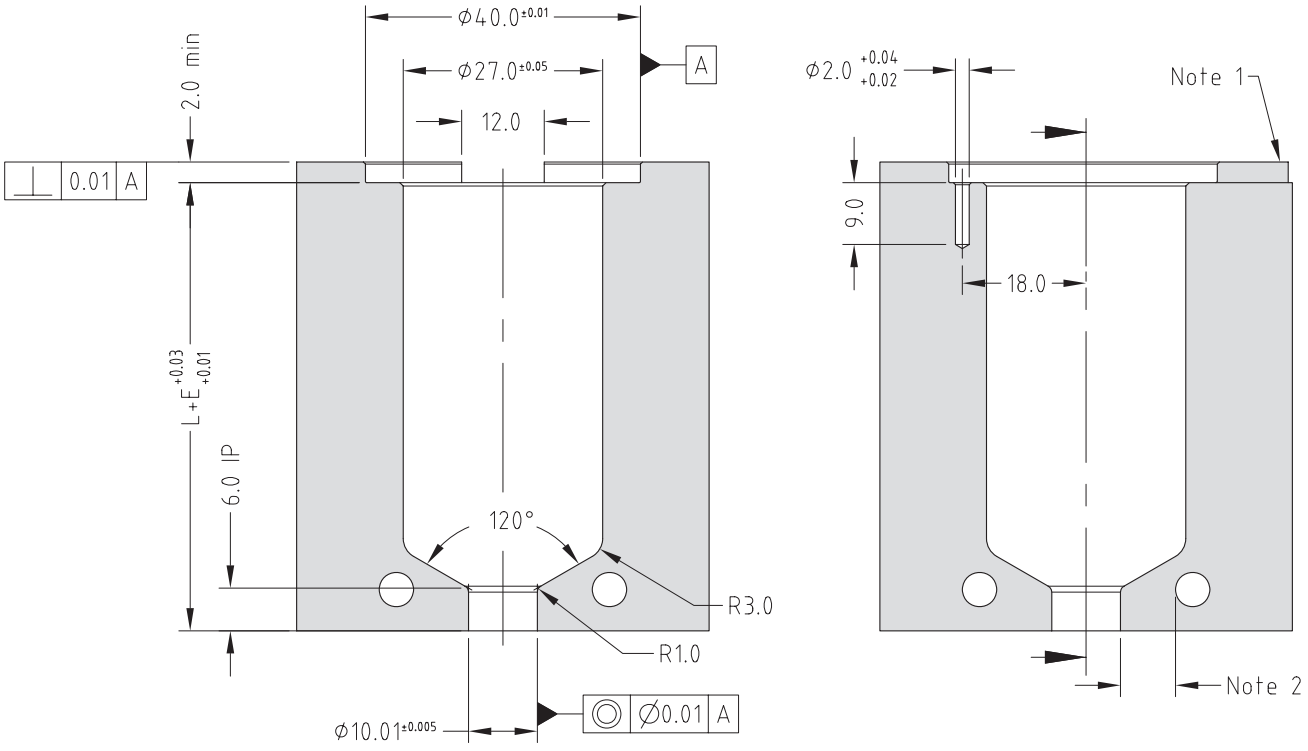
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTBN13045	SXIBN13045	SXOBN13045	45.2	0.12	0.15
SXTBN13055	SXIBN13055	SXOBN13055	55.2	0.15	0.18
SXTBN13065	SXIBN13065	SXOBN13065	65.2	0.17	0.22
SXTBN13075	SXIBN13075	SXOBN13075	75.2	0.20	0.25
SXTBN13095	SXIBN13095	SXOBN13095	95.2	0.25	0.31
SXTBN13115	SXIBN13115	SXOBN13115	115.2	0.30	0.38
SXTBN13145	SXIBN13145	SXOBN13145	145.2	0.38	0.48
SXTBN13175	SXIBN13175	SXOBN13175	175.2	0.46	0.58

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø0.9 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

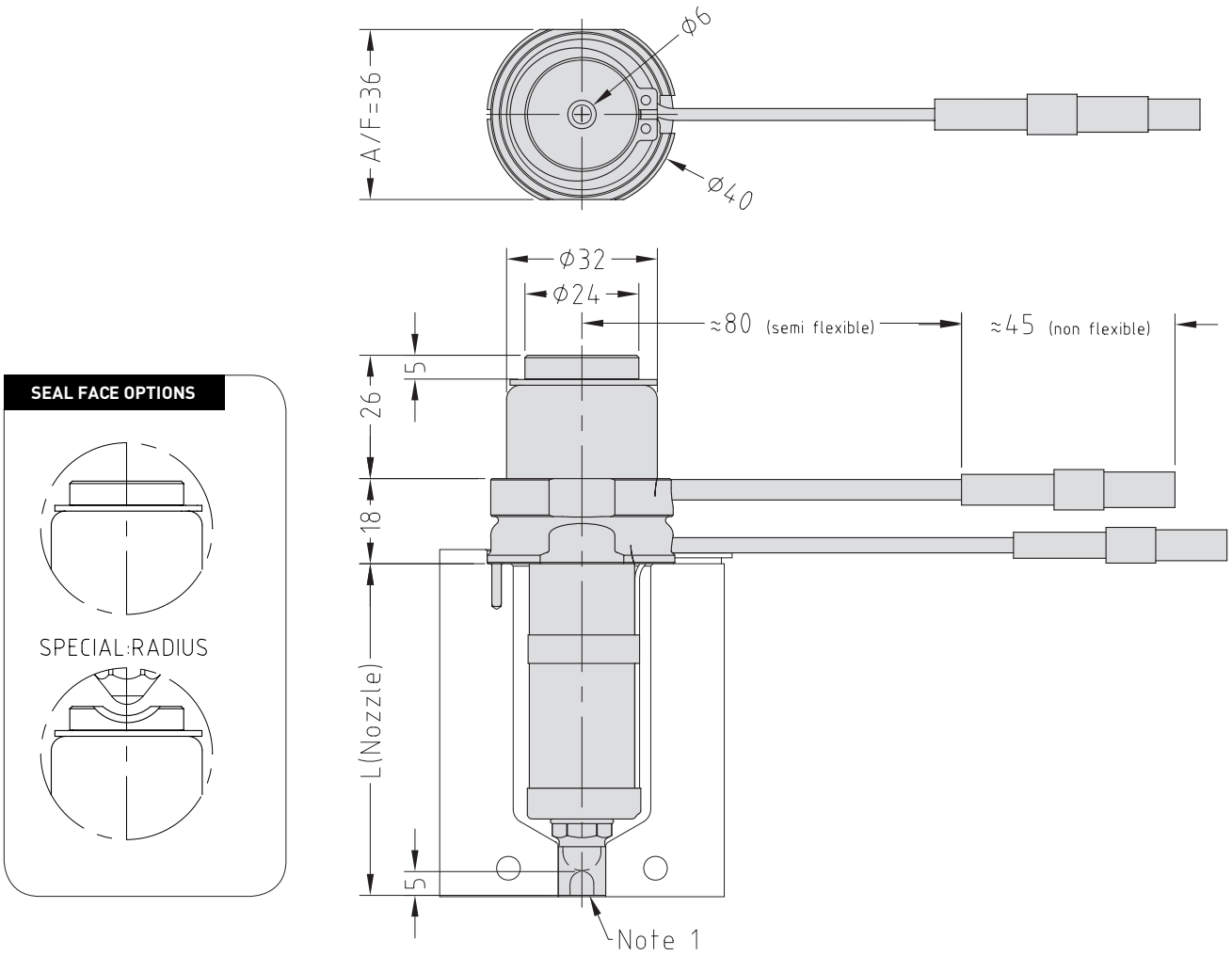
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 13 TT)	✓	✓	✓
One-hole Torpedo Tip (X 13 IT)	✓	✓	✓
Open Tip (X 13 OT)	✓	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISN13075 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 13 IT G5)

Nozzle Dimensions

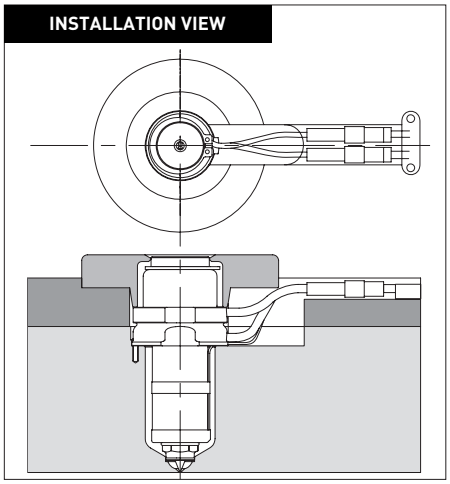


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

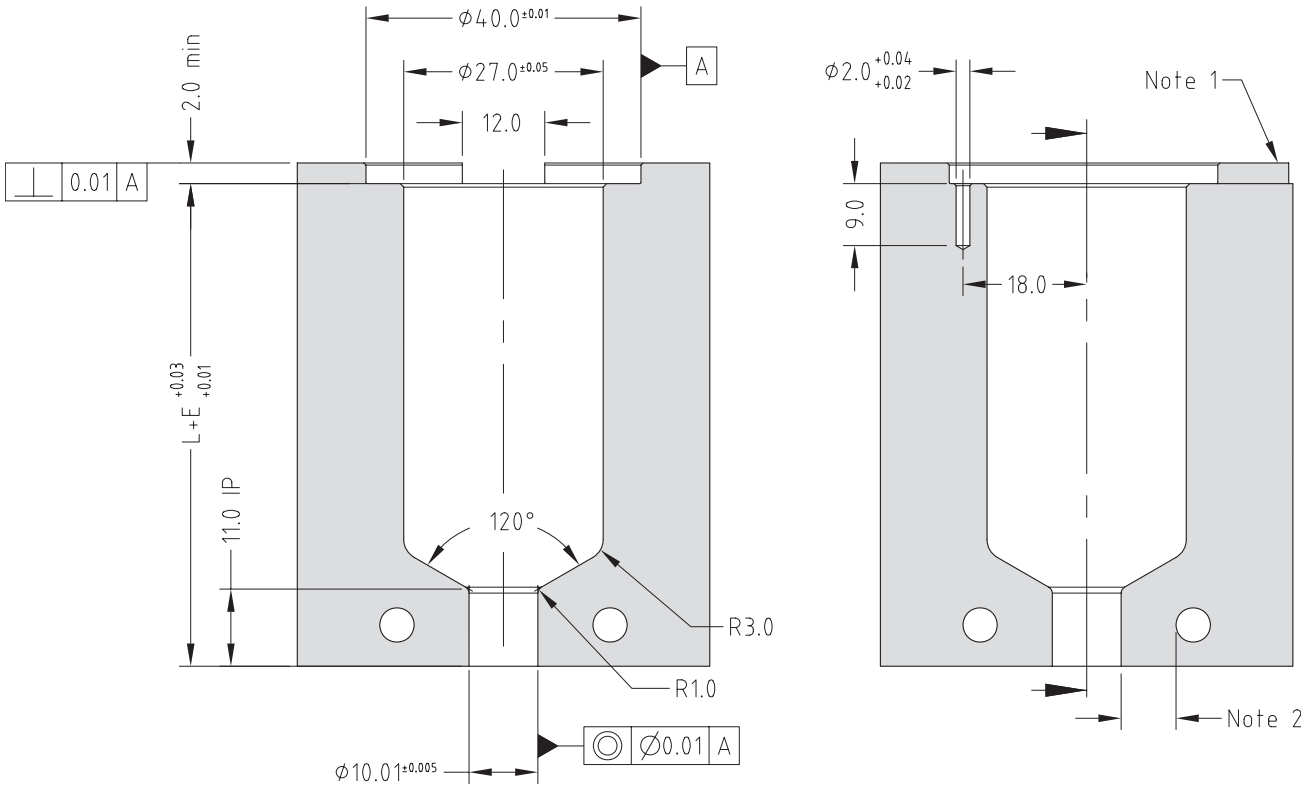
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTSN13045	SXISN13045	SXOSN13045	50.2	0.13	0.17
SXTSN13055	SXISN13055	SXOSN13055	60.2	0.16	0.20
SXTSN13065	SXISN13065	SXOSN13065	70.2	0.17	0.23
SXTSN13075	SXISN13075	SXOSN13075	80.2	0.22	0.26
SXTSN13095	SXISN13095	SXOSN13095	100.2	0.26	0.33
SXTSN13115	SXISN13115	SXOSN13115	120.2	0.32	0.40
SXTSN13145	SXISN13145	SXOSN13145	150.2	0.40	0.50
SXTSN13175	SXISN13175	SXOSN13175	180.2	0.48	0.59

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø0.9 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

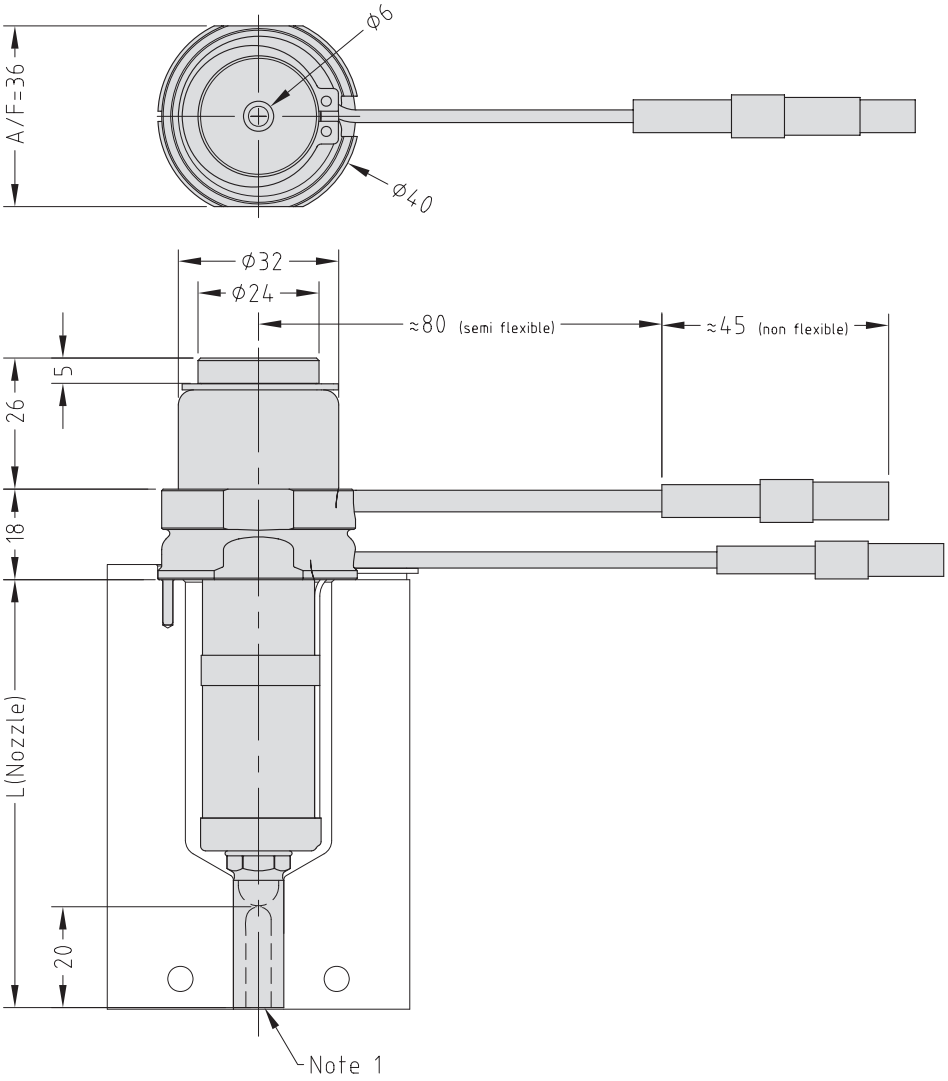
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 13 TT)	✓	✓	✓
One-hole Torpedo Tip (X 13 IT)	✓	✓	✓
Open Tip (X 13 OT)	✓	×	×

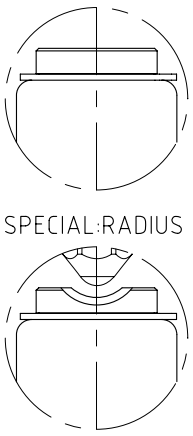
To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISX13115 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 13 IT G5)

Nozzle Dimensions



SEAL FACE OPTIONS

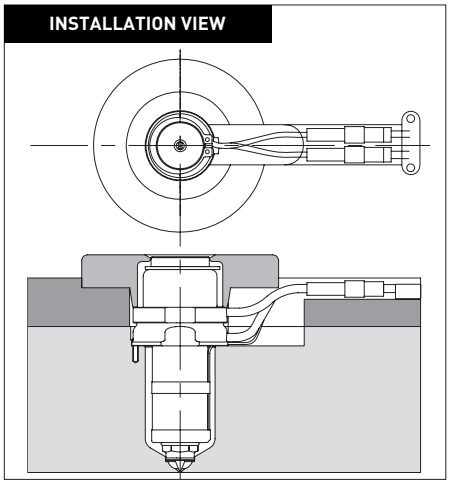


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

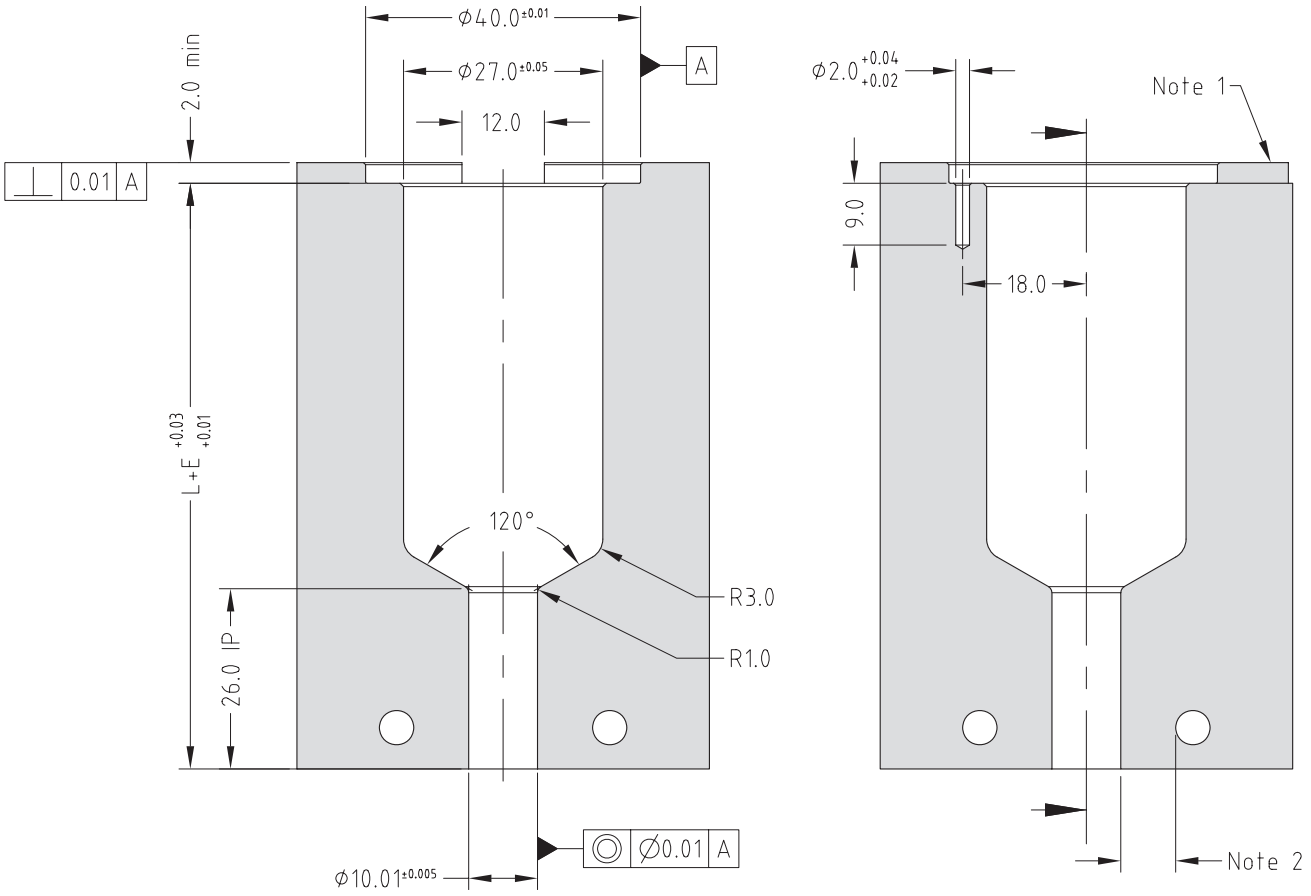
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	EΔT =200C	EΔT =250C
SXTSX13045	SXISX13045	SXOSX13045	65.2	0.17	0.22
SXTSX13055	SXISX13055	SXOSX13055	75.2	0.20	0.25
SXTSX13065	SXISX13065	SXOSX13065	85.2	0.23	0.28
SXTSX13075	SXISX13075	SXOSX13075	95.2	0.25	0.31
SXTSX13095	SXISX13095	SXOSX13095	115.2	0.30	0.38
SXTSX13115	SXISX13115	SXOSX13115	135.2	0.36	0.45
SXTSX13145	SXISX13145	SXOSX13145	165.2	0.44	0.55
SXTSX13175	SXISX13175	SXOSX13175	195.2	0.52	0.64

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø0.9 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

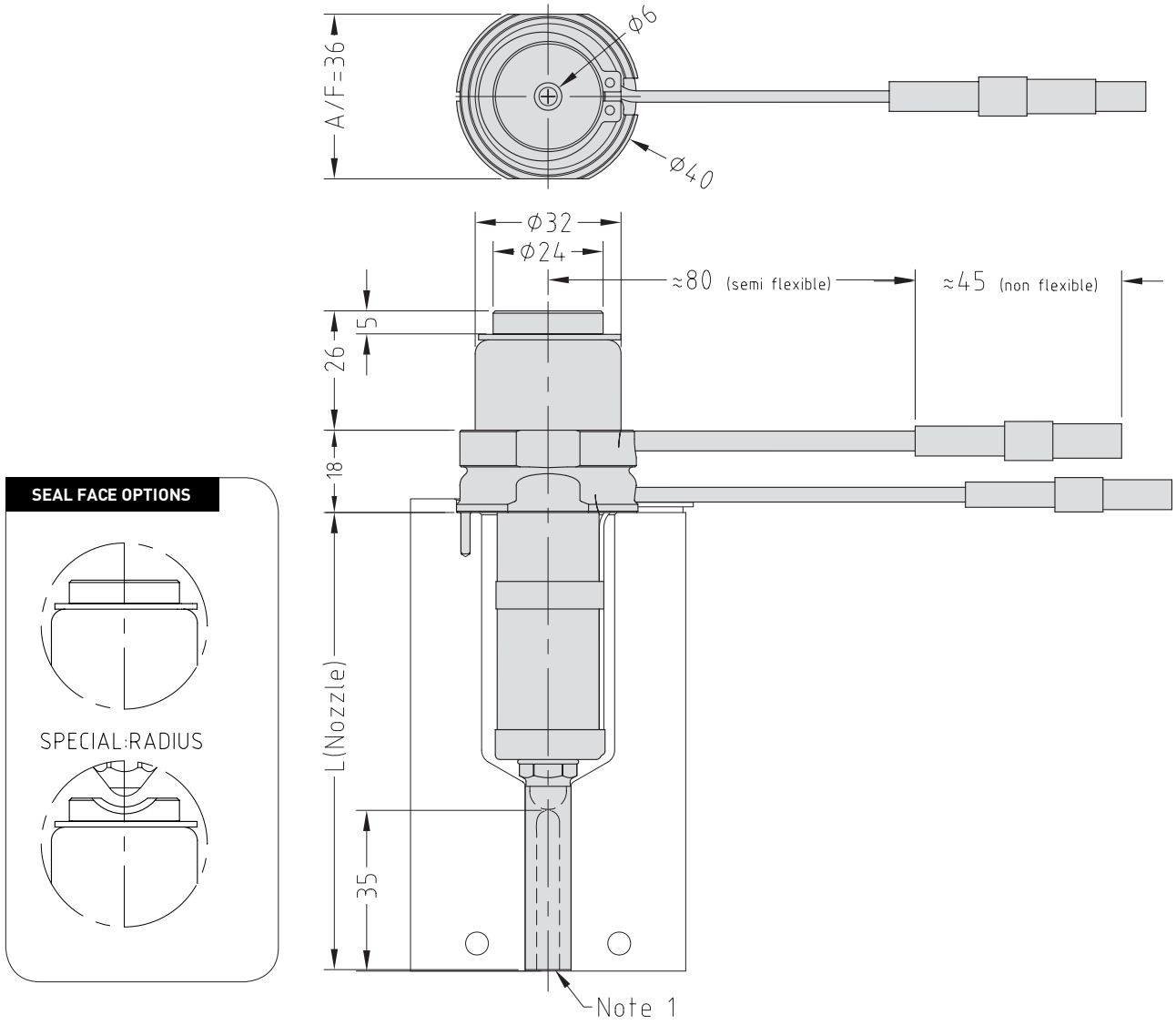
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 13 TT)	✓	✓	✓
One-hole Torpedo Tip (X 13 IT)	✓	✓	✓
Open Tip (X 13 OT)	✓	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISL13075 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 13 IT G5)

Nozzle Dimensions

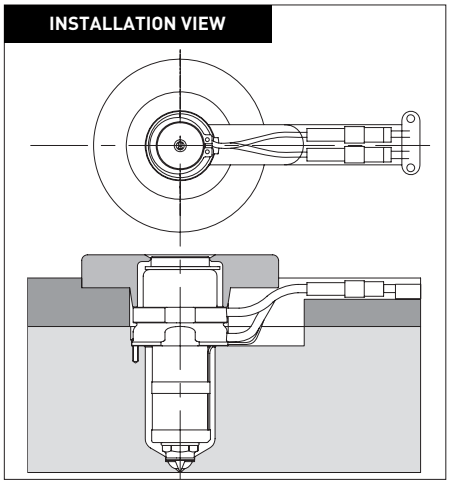


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

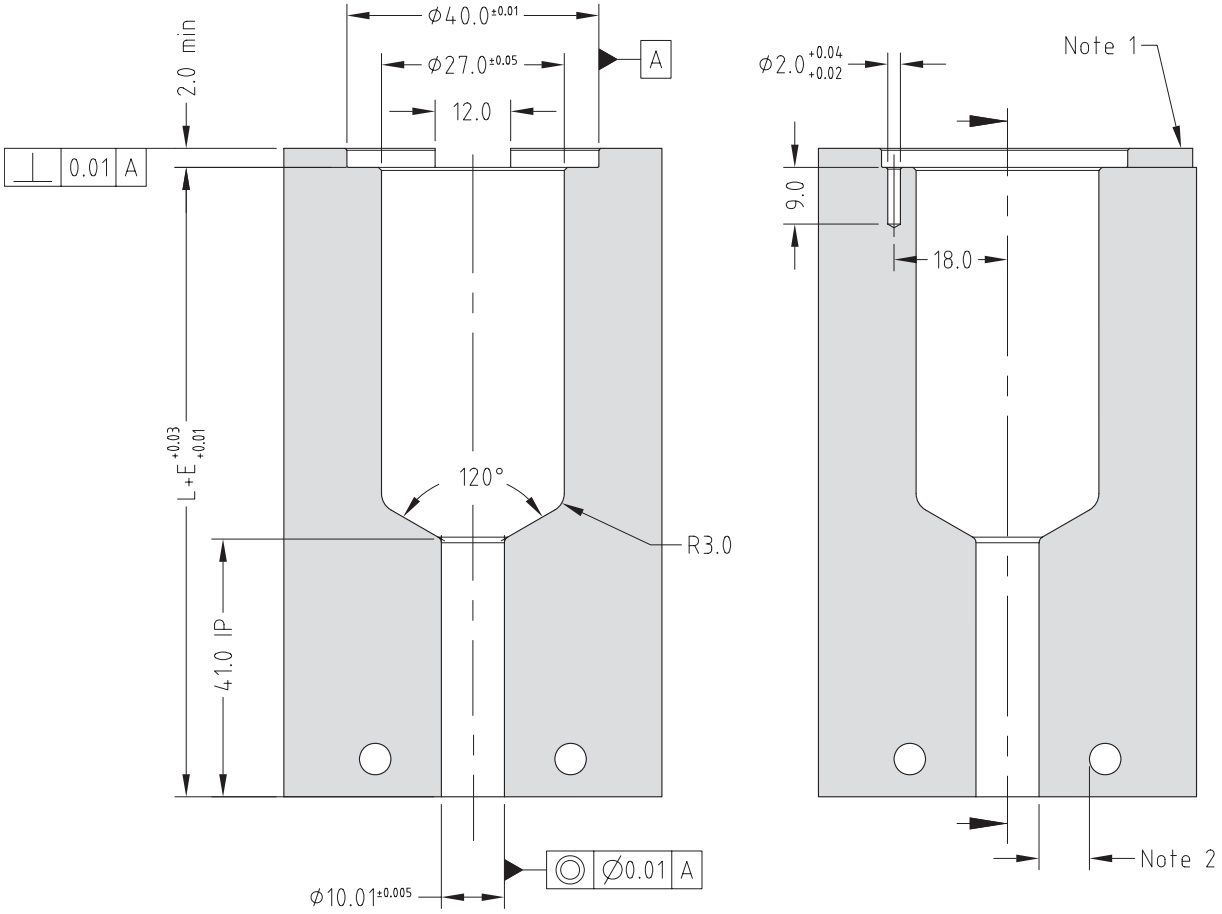
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTSL13045	SXISL13045	SXOSL13045	80.2	0.21	0.26
SXTSL13055	SXISL13055	SXOSL13055	90.2	0.24	0.30
SXTSL13065	SXISL13065	SXOSL13065	100.2	0.26	0.33
SXTSL13075	SXISL13075	SXOSL13075	110.2	0.29	0.36
SXTSL13095	SXISL13095	SXOSL13095	130.2	0.34	0.43
SXTSL13115	SXISL13115	SXOSL13115	150.2	0.40	0.50
SXTSL13145	SXISL13145	SXOSL13145	180.2	0.48	0.59
SXTSL13175	SXISL13175	SXOSL13175	210.2	0.55	0.69

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø0.9 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

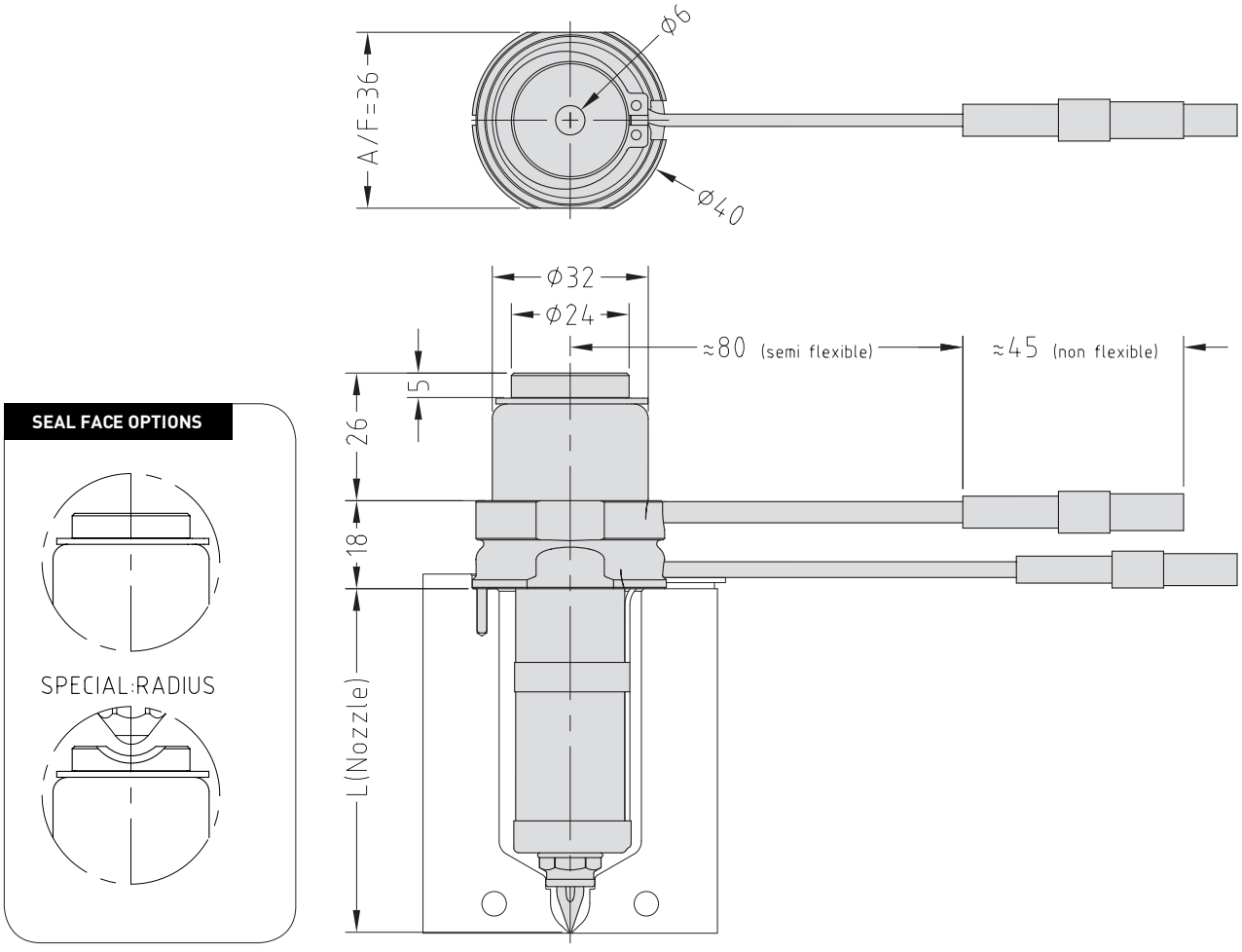
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 13 TT+5)	✓	✓	×
One-hole Torpedo Tip (X 13 IT+5)	✓	✓	×
Open Tip	×	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT13115+5 G1 Radius=0)

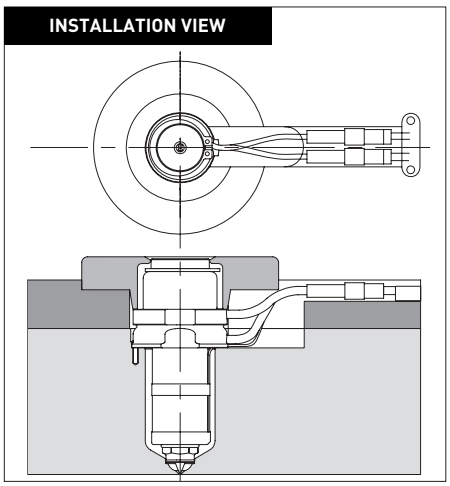
To order a tip:
Provide the Tip Code + Grade
(Order example: X 13 IT+5 G1)

Nozzle Dimensions



Note

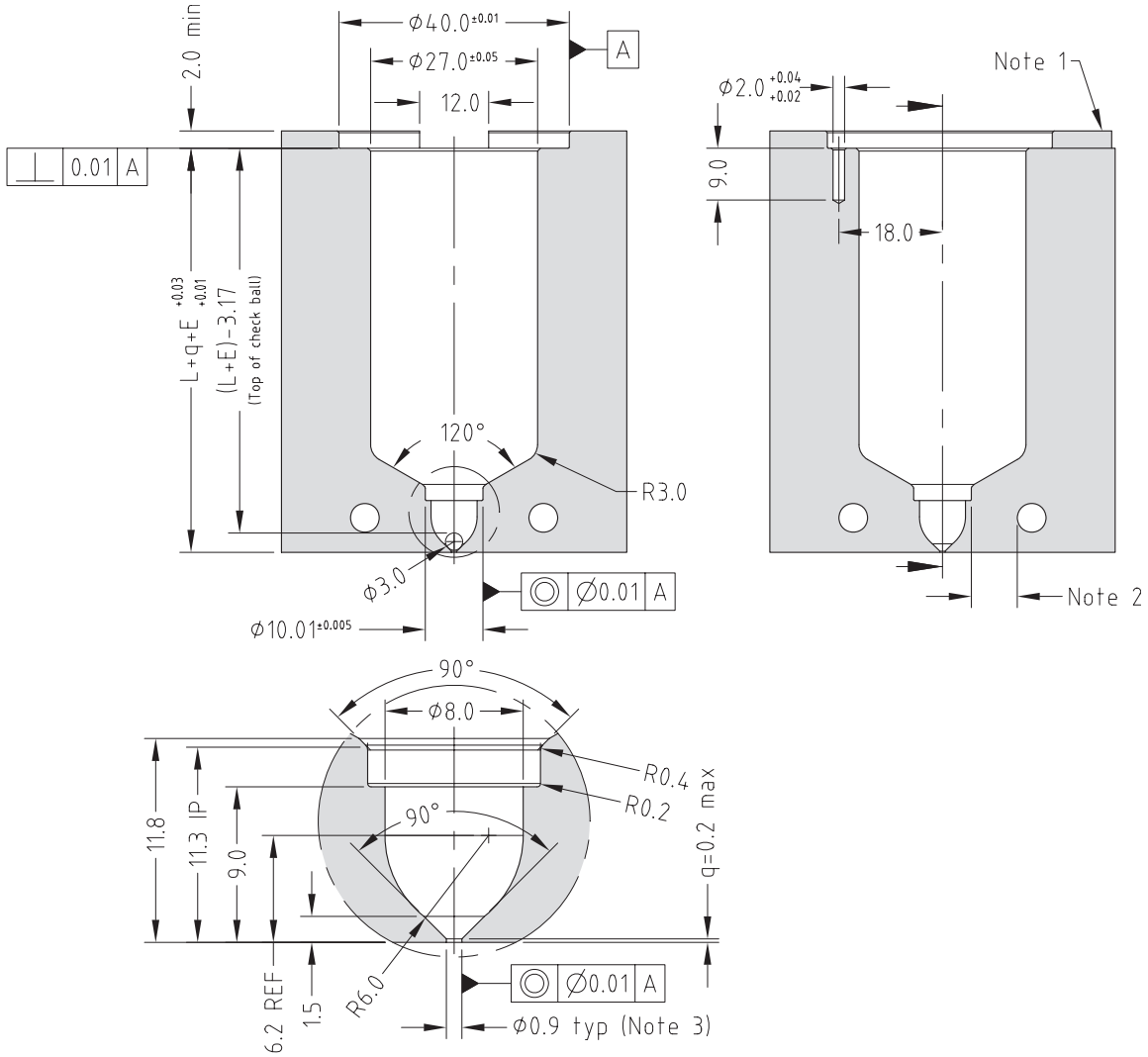
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTT13045+5	SXIT13045+5	50	0.13	0.17
SXTT13055+5	SXIT13055+5	60	0.16	0.20
SXTT13065+5	SXIT13065+5	70	0.18	0.23
SXTT13075+5	SXIT13075+5	80	0.21	0.26
SXTT13095+5	SXIT13095+5	100	0.26	0.33
SXTT13115+5	SXIT13115+5	120	0.32	0.40
SXTT13145+5	SXIT13145+5	150	0.40	0.50
SXTT13175+5	SXIT13175+5	180	0.48	0.59

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

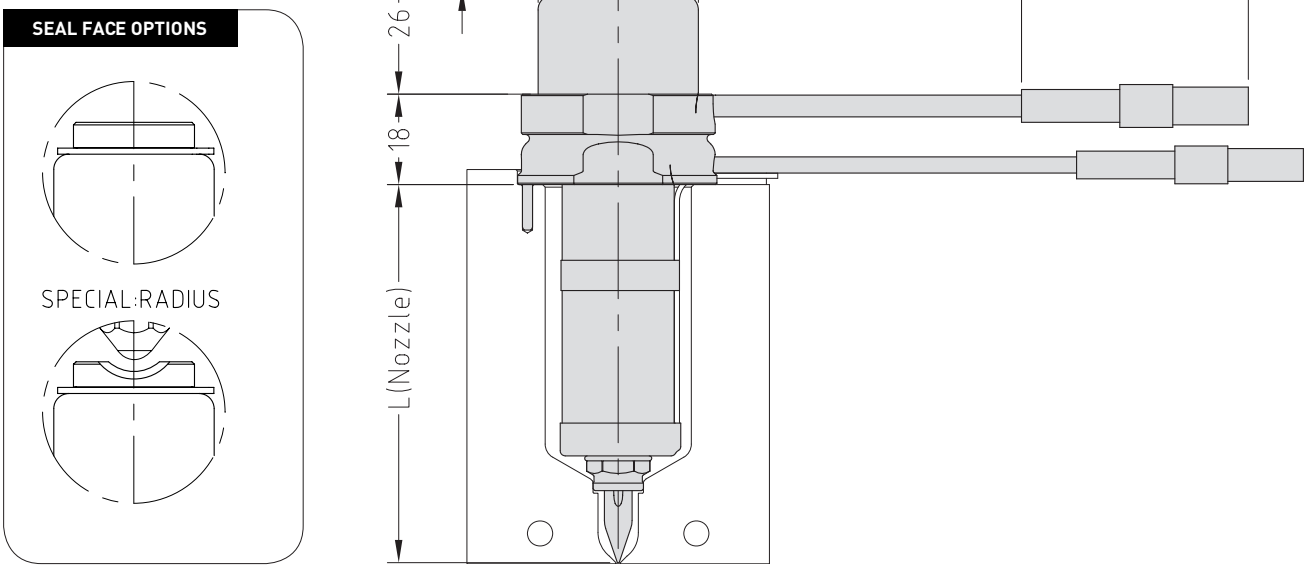
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 13 TT+10)	✓	✓	×
One-hole Torpedo Tip (X 13 IT+10)	✓	✓	×
Open Tip	×	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT13115+10 G2 Radius=0)

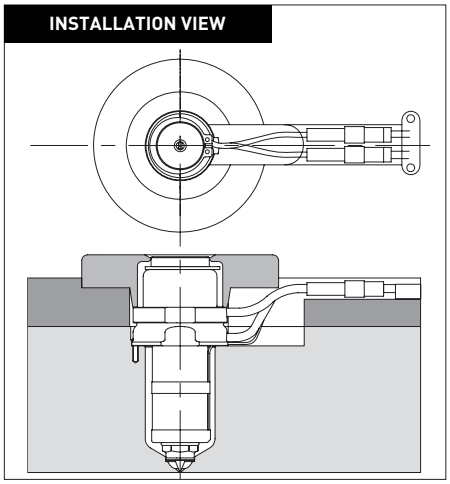
To order a tip:
Provide the Tip Code + Grade
(Order example: X 13 IT+10 G2)

Nozzle Dimensions



Note

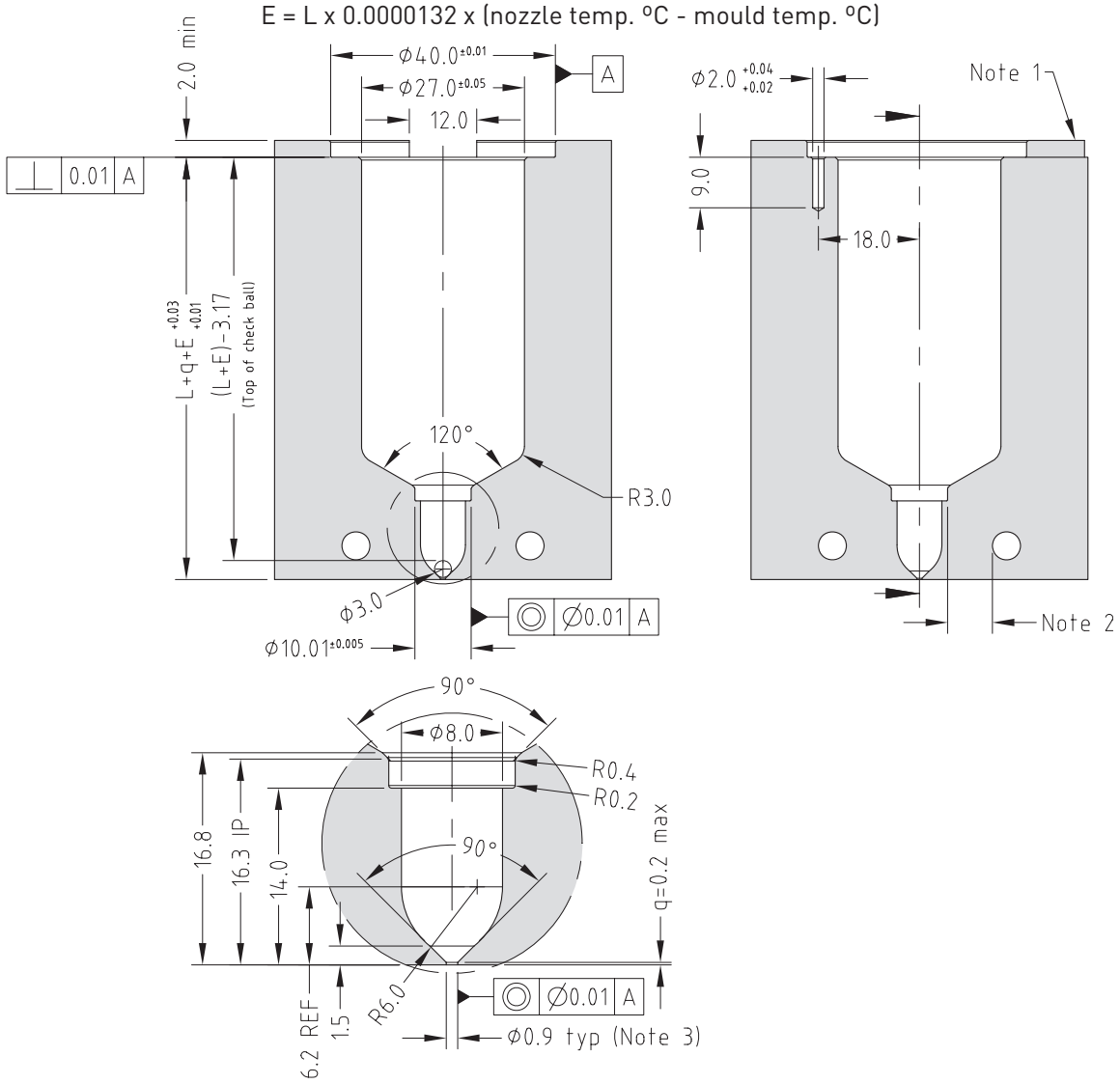
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	L	EQΔT =200C	EQΔT =250C
SXTT13045+10	SXIT13045+10	55	0.15	0.18
SXTT13055+10	SXIT13055+10	65	0.17	0.21
SXTT13065+10	SXIT13065+10	75	0.20	0.25
SXTT13075+10	SXIT13075+10	85	0.22	0.28
SXTT13095+10	SXIT13095+10	105	0.28	0.35
SXTT13115+10	SXIT13115+10	125	0.33	0.41
SXTT13145+10	SXIT13145+10	155	0.41	0.51
SXTT13175+10	SXIT13175+10	185	0.49	0.61

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)

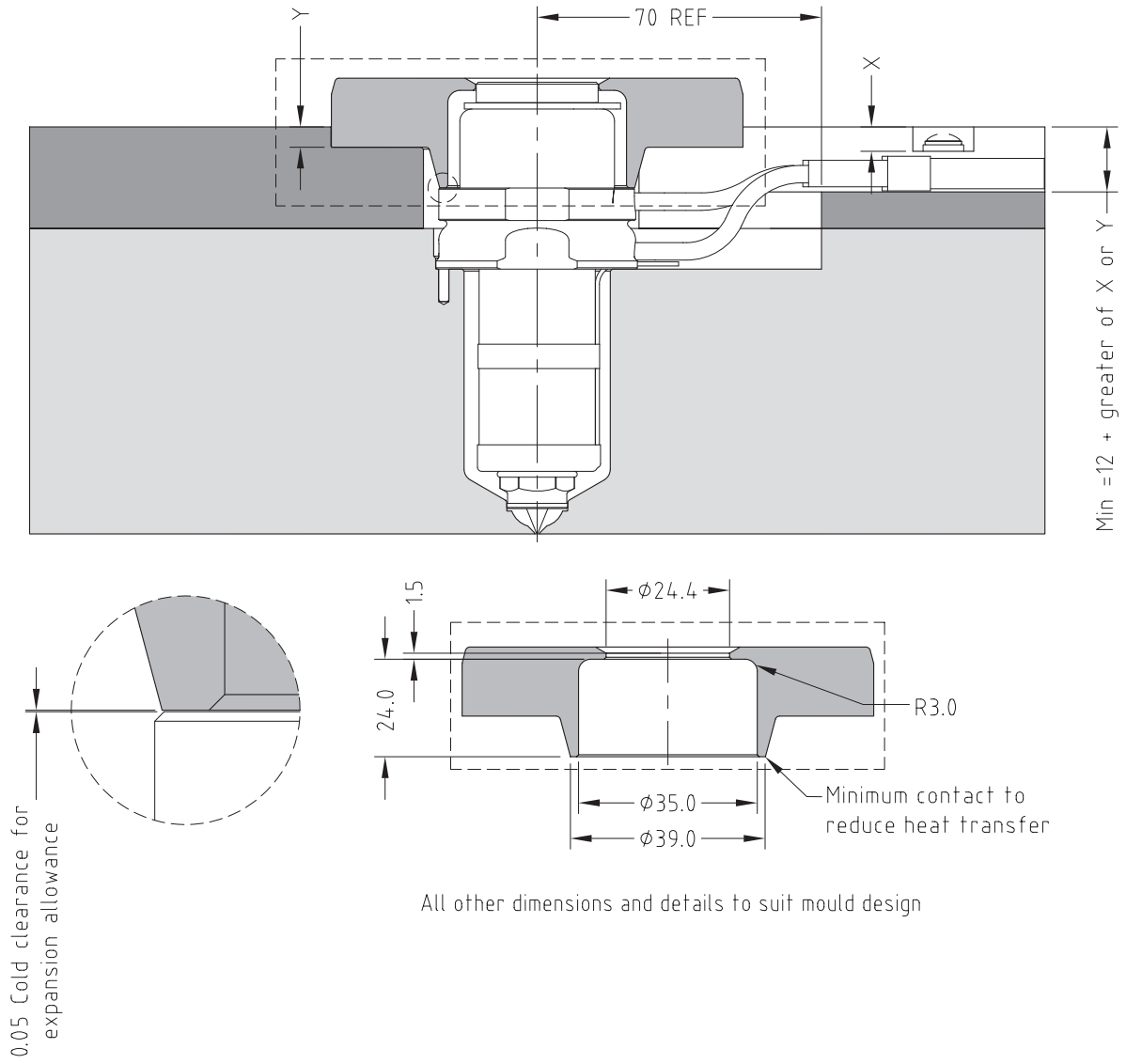


Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

Installation Details



All other dimensions and details to suit mould design

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40-000-002 V1.04

SXTG16

smart hot runner solutions

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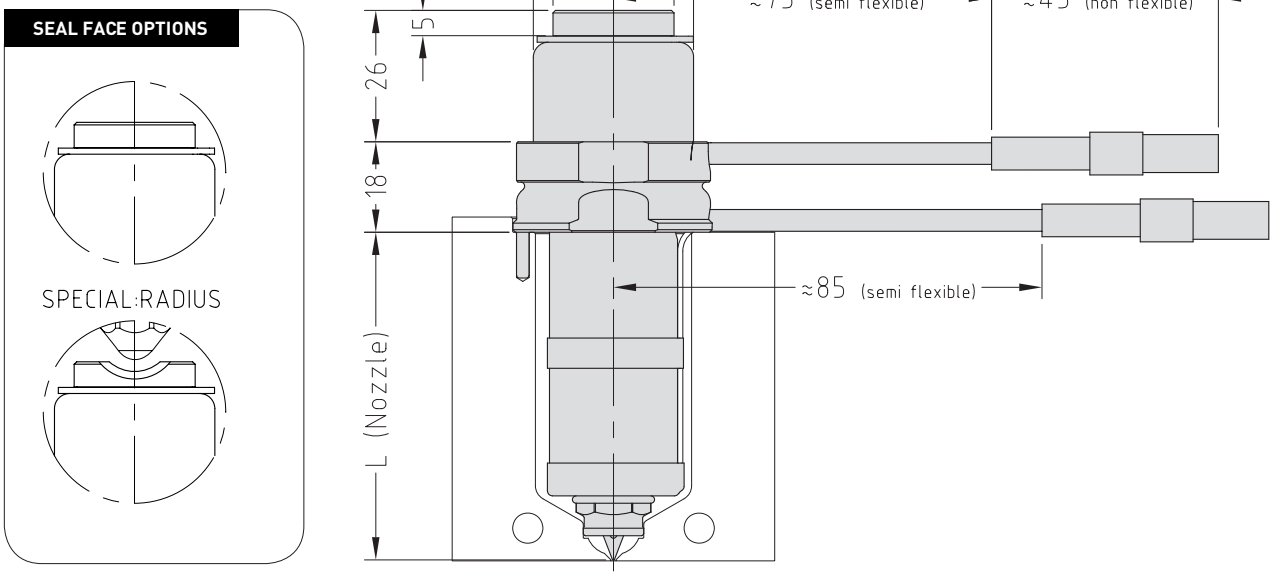
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 16 TT)	✓	✓	✓
One-hole Torpedo Tip (X 16 IT)	✓	✓	✓
Open Tip (X 16 OT)	✓	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT16055 G5 Radius=0)

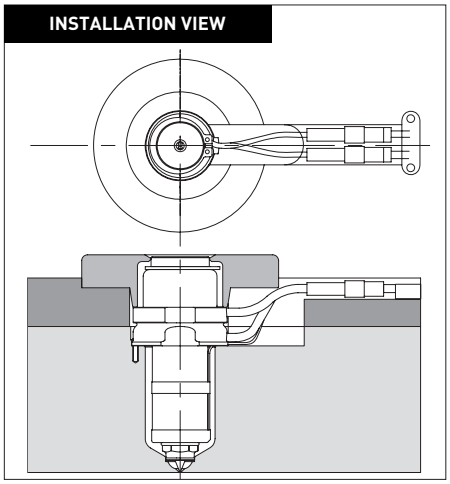
To order a tip:
Provide the Tip Code + Grade
(Order example: X 16 IT G5)

Nozzle Dimensions



Note

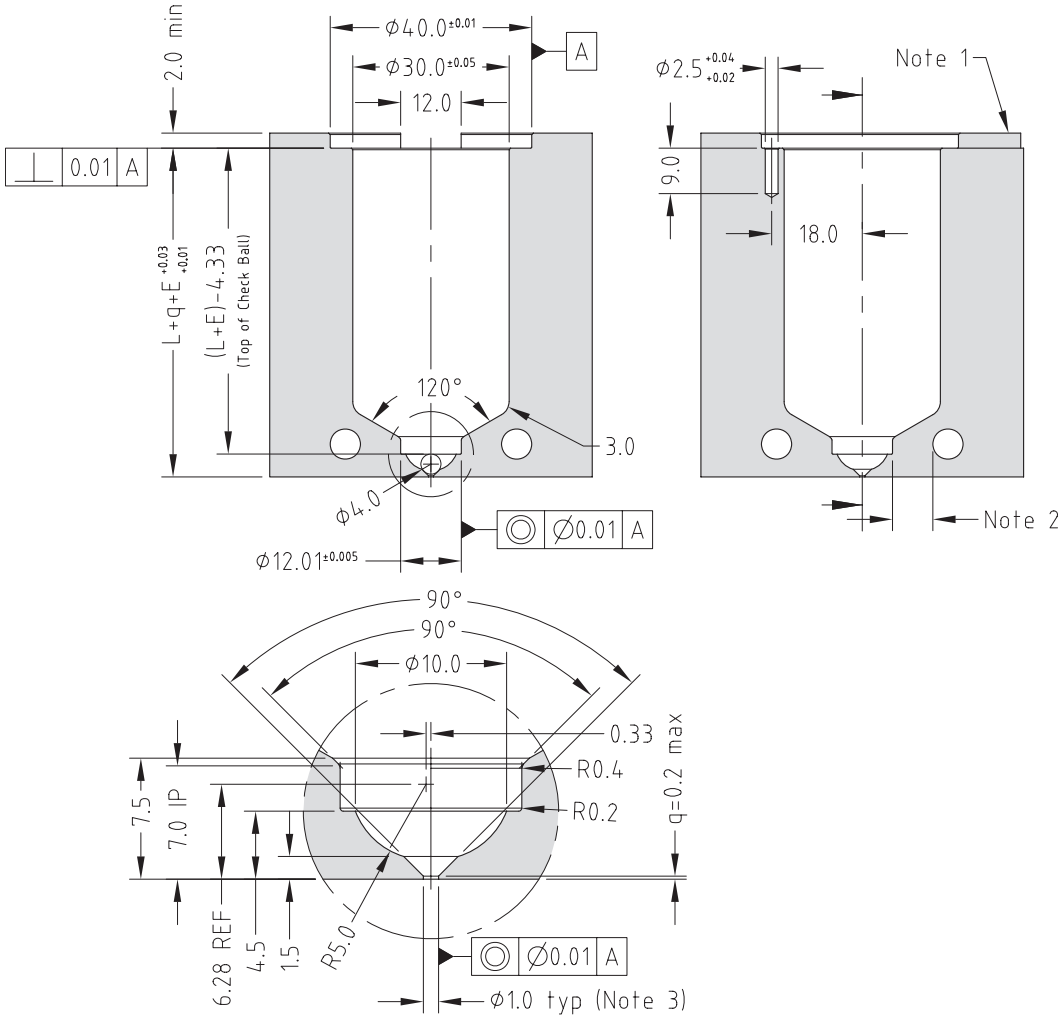
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	EΔT =200C	EΔT =250C
SXTT16045	SXIT16045	SXOT16045	45	0.12	0.15
SXTT16055	SXIT16055	SXOT16055	55	0.15	0.18
SXTT16065	SXIT16065	SXOT16065	65	0.17	0.21
SXTT16075	SXIT16075	SXOT16075	75	0.20	0.25
SXTT16095	SXIT16095	SXOT16095	95	0.25	0.31
SXTT16115	SXIT16115	SXOT16115	115	0.30	0.38
SXTT16145	SXIT16145	SXOT16145	145	0.38	0.48
SXTT16175	SXIT16175	SXOT16175	175	0.46	0.58

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 16 TT)	✓	✓	✓
One-hole Torpedo Tip (X 16 IT)	✓	✓	✓
Open Tip (X 16 OT)	✓	×	×

Bush Nut Options

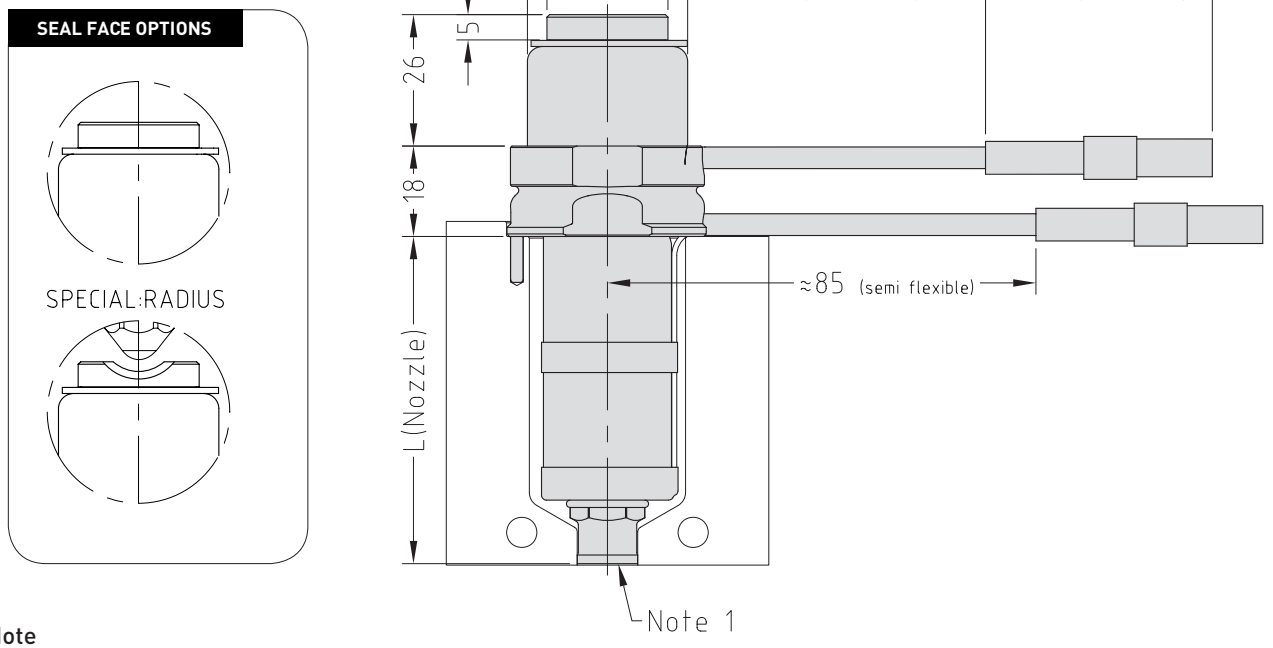
- BN - Standard bush nut
- BE - Full-contact bush nut*

The nozzle codes listed to the right are for nozzle assemblies with a standard bush nut. To order a full-contact bush nut, replace the BN in the code with BE.

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIBN16055 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 16 IT G5)

Nozzle Dimensions

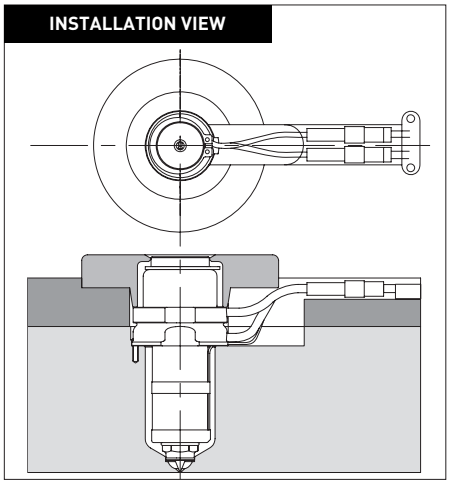


Note

1. Modify the contact area to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

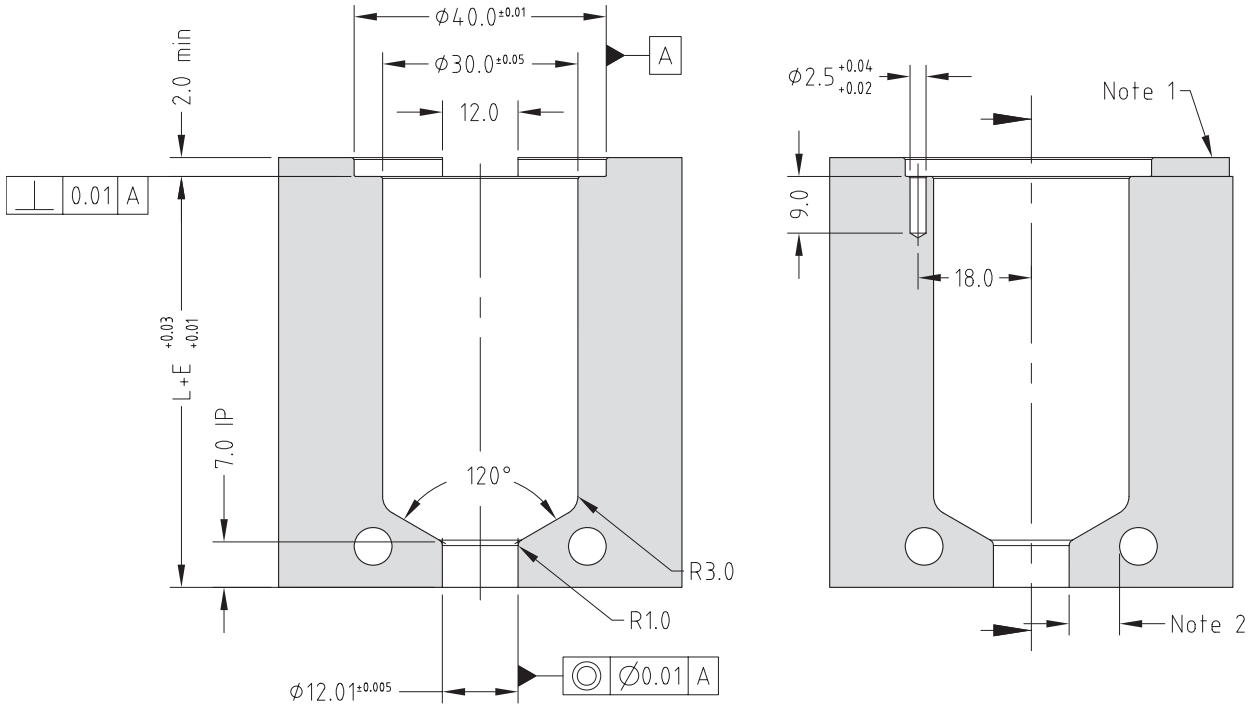
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTBN16045	SXIBN16045	SXOBN16045	45.2	0.12	0.15
SXTBN16055	SXIBN16055	SXOBN16055	55.2	0.15	0.18
SXTBN16065	SXIBN16065	SXOBN16065	65.2	0.17	0.22
SXTBN16075	SXIBN16075	SXOBN16075	75.2	0.20	0.25
SXTBN16095	SXIBN16095	SXOBN16095	95.2	0.25	0.31
SXTBN16115	SXIBN16115	SXOBN16115	115.2	0.30	0.38
SXTBN16145	SXIBN16145	SXOBN16145	145.2	0.38	0.48
SXTBN16175	SXIBN16175	SXOBN16175	175.2	0.46	0.58

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø1.0 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

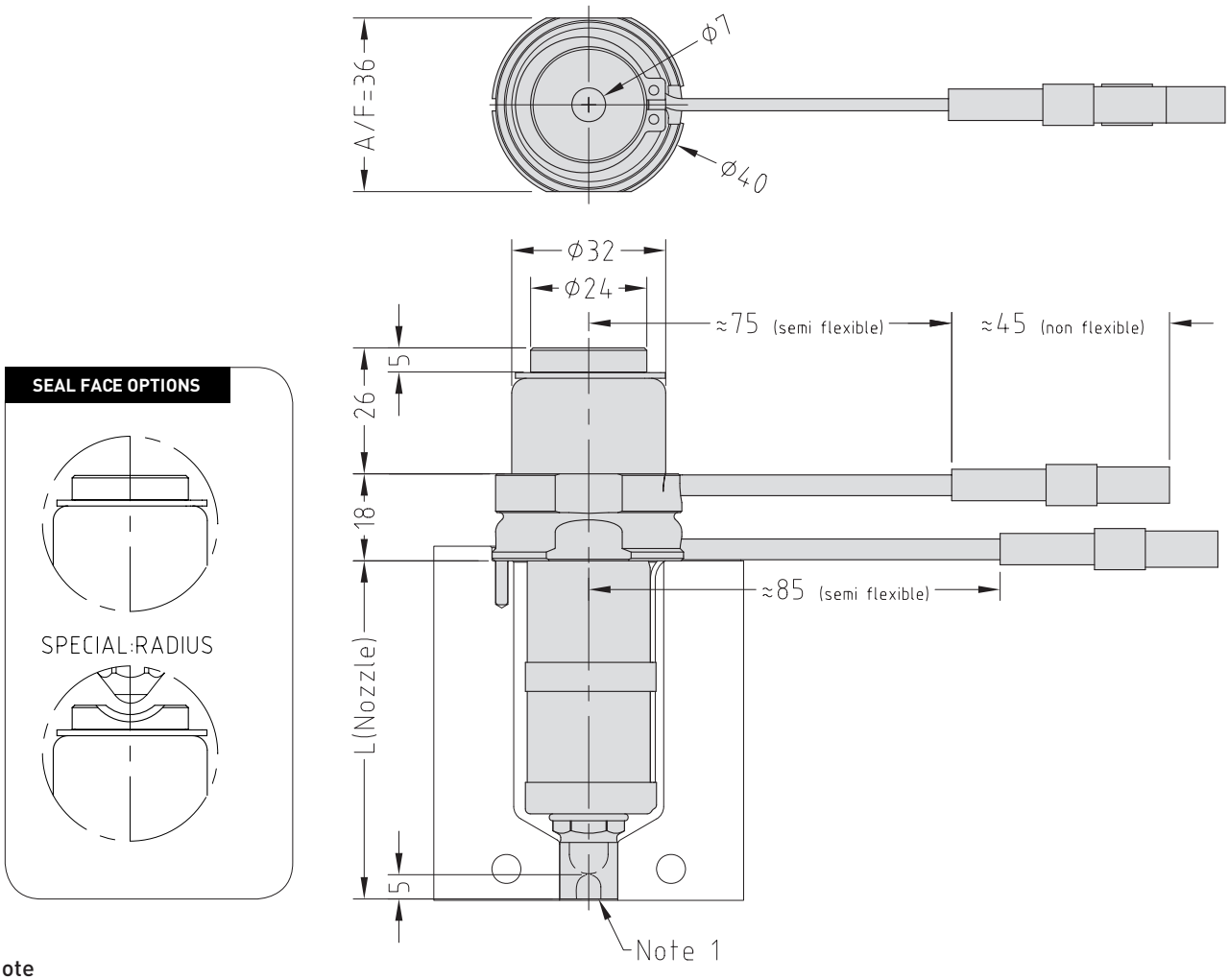
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 16 TT)	✓	✓	✓
One-hole Torpedo Tip (X 16 IT)	✓	✓	✓
Open Tip (X 16 OT)	✓	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISN16065 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 16 IT G5)

Nozzle Dimensions

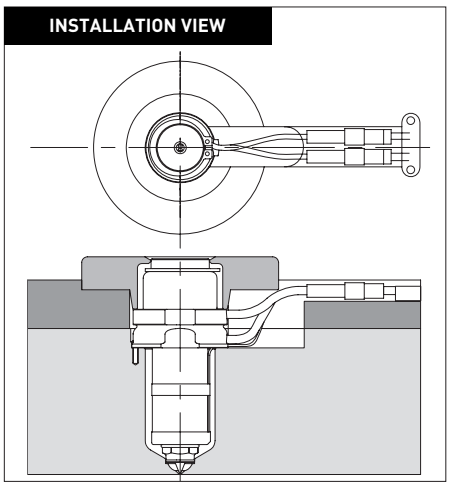


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

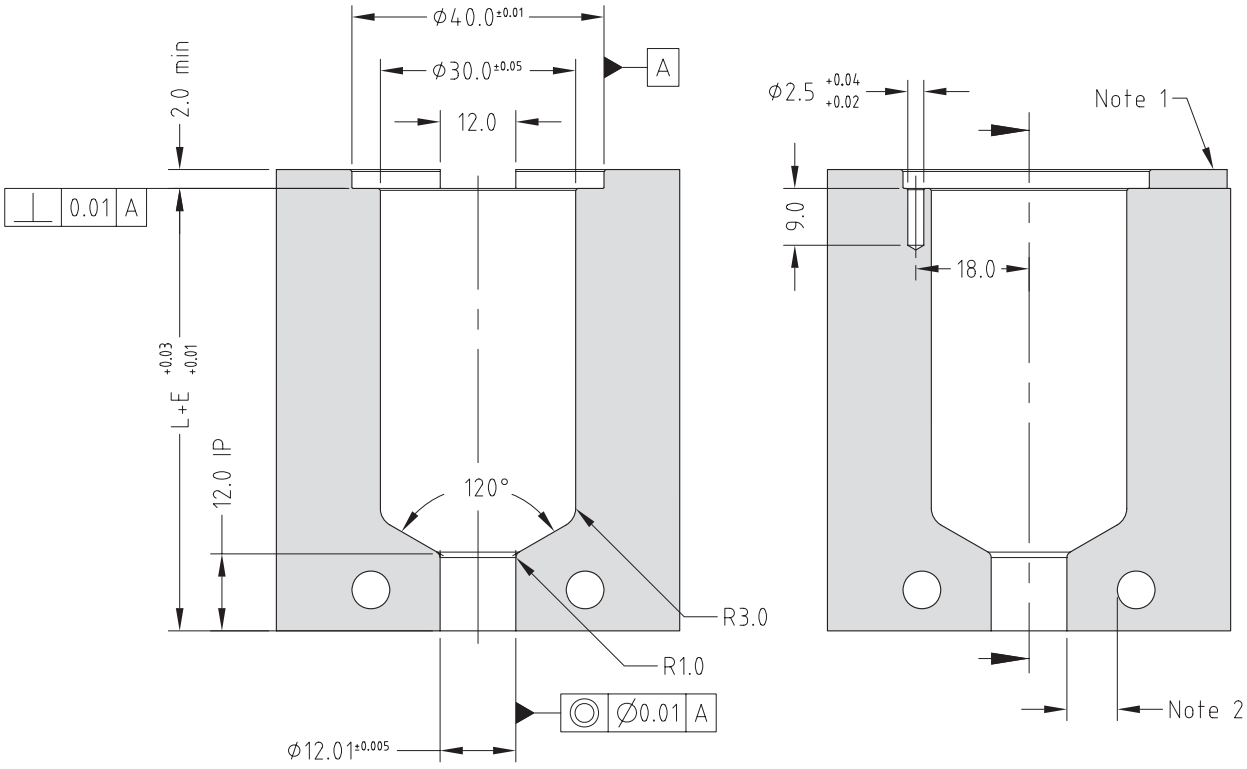
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTSN16045	SXISN16045	SXOSN16045	50.2	0.13	0.17
SXTSN16055	SXISN16055	SXOSN16055	60.2	0.16	0.20
SXTSN16065	SXISN16065	SXOSN16065	70.2	0.19	0.23
SXTSN16075	SXISN16075	SXOSN16075	80.2	0.21	0.26
SXTSN16095	SXISN16095	SXOSN16095	100.2	0.26	0.33
SXTSN16115	SXISN16115	SXOSN16115	120.2	0.32	0.40
SXTSN16145	SXISN16145	SXOSN16145	150.2	0.40	0.50
SXTSN16175	SXISN16175	SXOSN16175	180.2	0.48	0.59

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø1.0 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

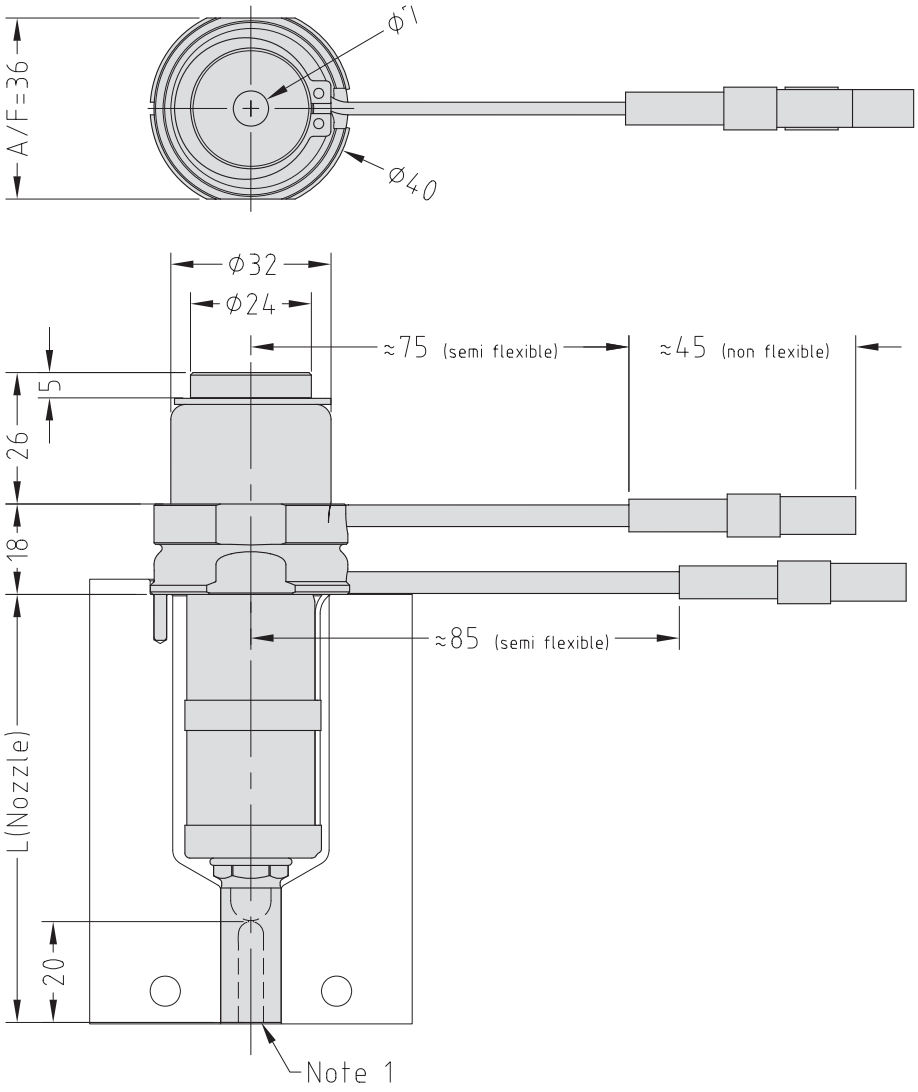
Tip and Material Grade Availability

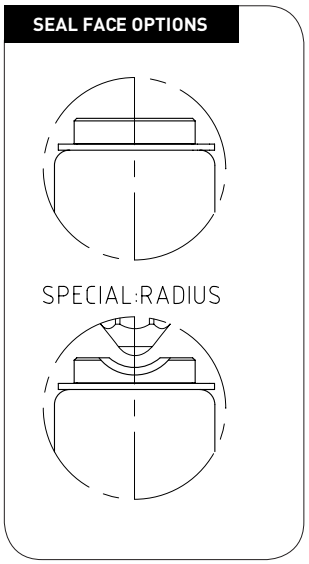
Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 16 TT)	✓	✓	✓
One-hole Torpedo Tip (X 16 IT)	✓	✓	✓
Open Tip (X 16 OT)	✓	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISX16095 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 16 IT G5)

Nozzle Dimensions



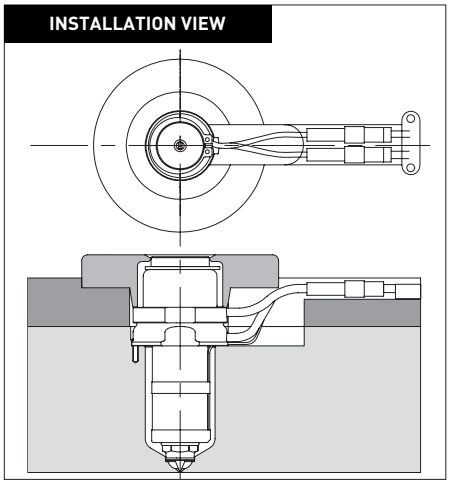


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

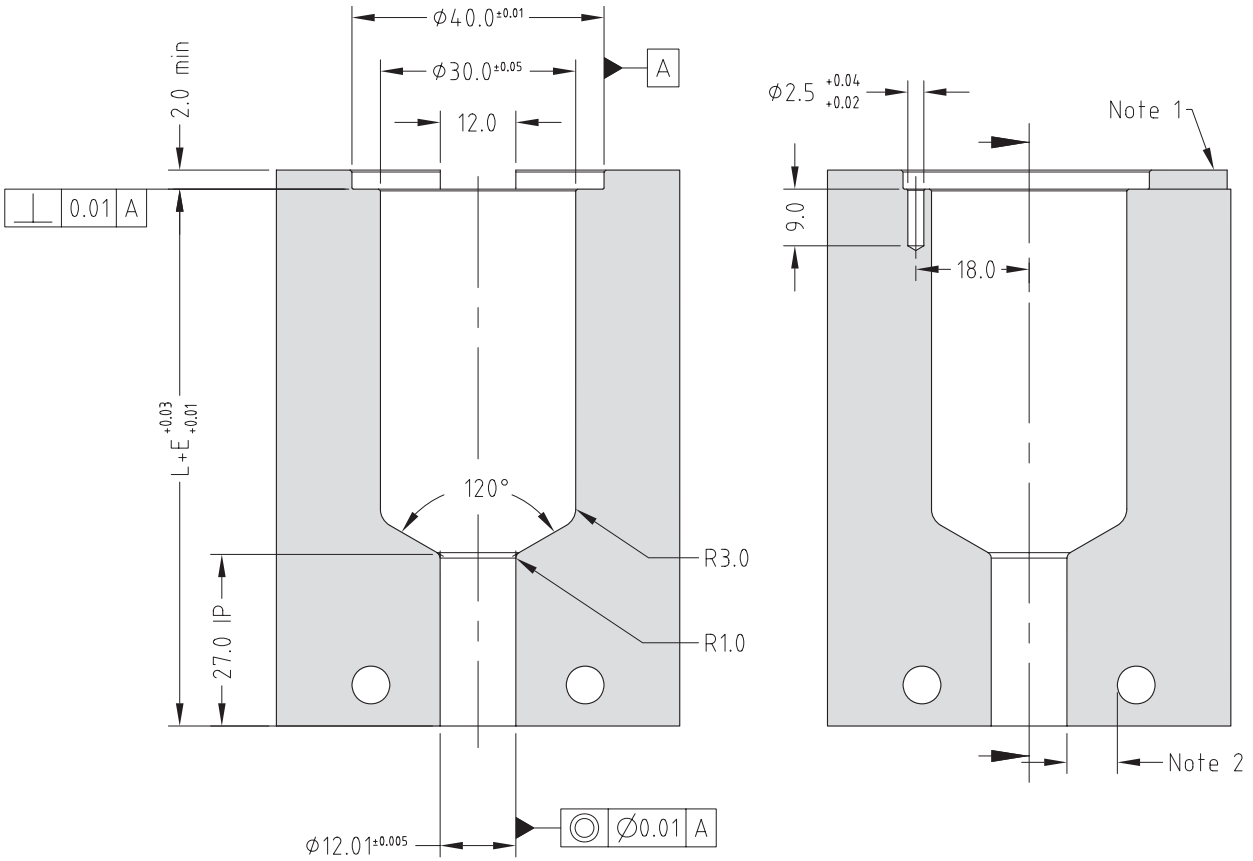
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	EΔT =200C	EΔT =250C
SXTSX16045	SXISX16045	SXOSX16045	65.2	0.17	0.22
SXTSX16055	SXISX16055	SXOSX16055	75.2	0.20	0.25
SXTSX16065	SXISX16065	SXOSX16065	85.2	0.22	0.28
SXTSX16075	SXISX16075	SXOSX16075	95.2	0.25	0.31
SXTSX16095	SXISX16095	SXOSX16095	115.2	0.30	0.38
SXTSX16115	SXISX16115	SXOSX16115	135.2	0.36	0.45
SXTSX16145	SXISX16145	SXOSX16145	165.2	0.44	0.55
SXTSX16175	SXISX16175	SXOSX16175	195.2	0.52	0.64

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø1.0 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

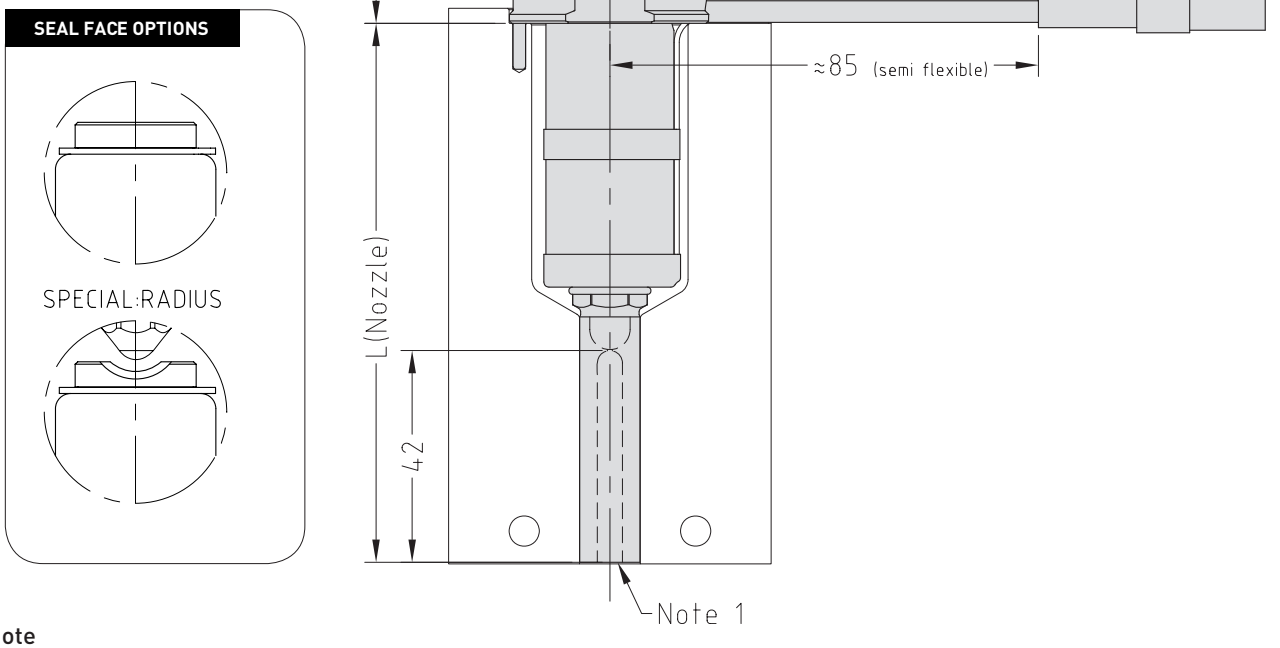
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 16 TT)	✓	✓	✓
One-hole Torpedo Tip (X 16 IT)	✓	✓	✓
Open Tip (X 16 OT)	✓	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISL16115 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 16 IT G5)

Nozzle Dimensions

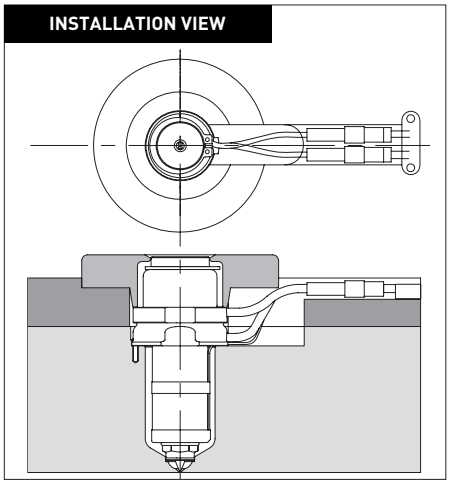


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

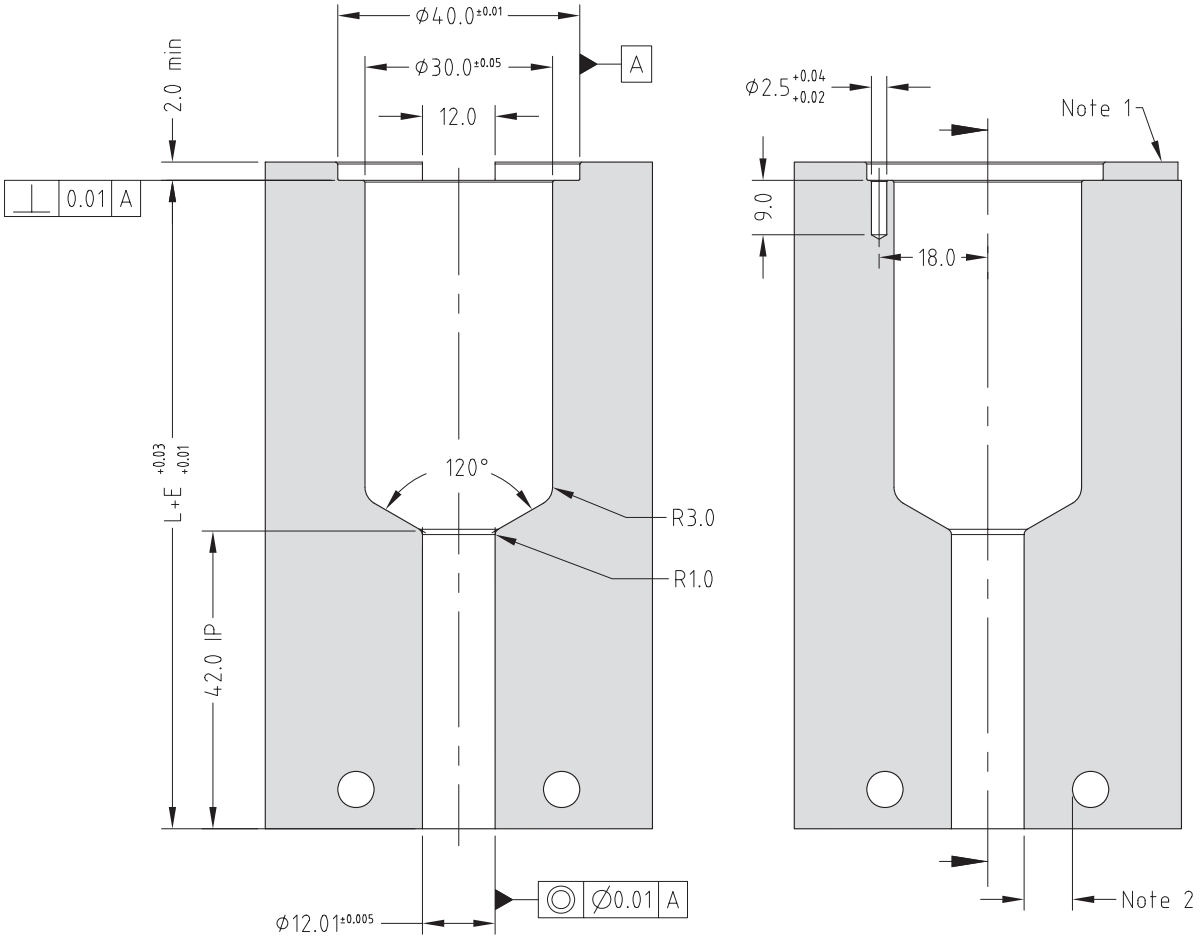
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTSL16045	SXISL16045	SXOSL16045	80.2	0.21	0.26
SXTSL16055	SXISL16055	SXOSL16055	90.2	0.24	0.30
SXTSL16065	SXISL16065	SXOSL16065	100.2	0.26	0.33
SXTSL16075	SXISL16075	SXOSL16075	110.2	0.29	0.36
SXTSL16095	SXISL16095	SXOSL16095	130.2	0.34	0.43
SXTSL16115	SXISL16115	SXOSL16115	150.2	0.40	0.50
SXTSL16145	SXISL16145	SXOSL16145	180.2	0.48	0.59
SXTSL16175	SXISL16175	SXOSL16175	210.2	0.55	0.69

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø1.0 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

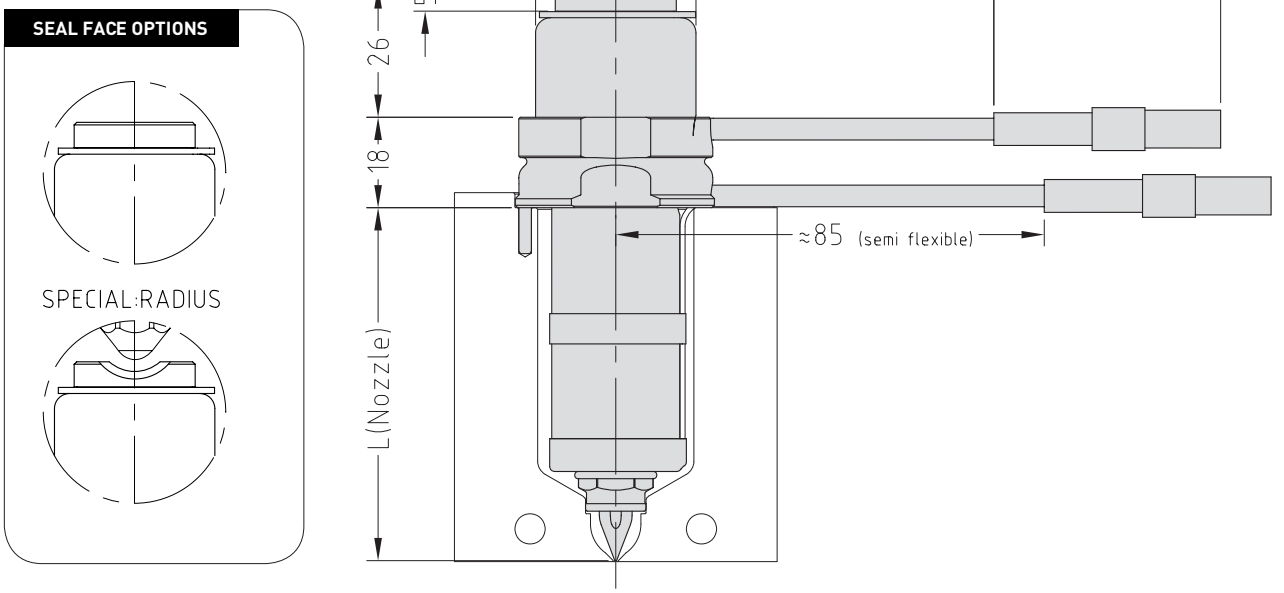
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 16 TT+5)	✓	✓	×
One-hole Torpedo Tip (X 16 IT+5)	✓	✓	×
Open Tip	×	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT16115+5 G5 Radius=0)

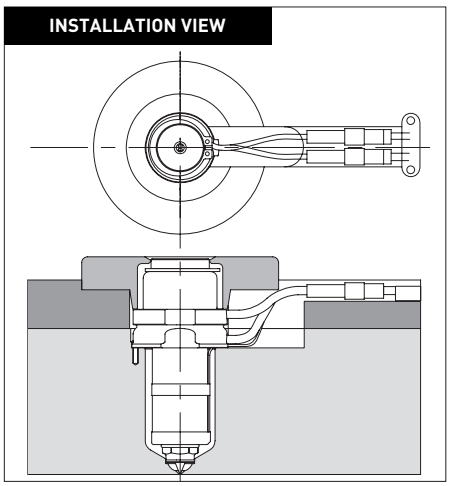
To order a tip:
Provide the Tip Code + Grade
(Order example: X 16 IT+5 G5)

Nozzle Dimensions



Note

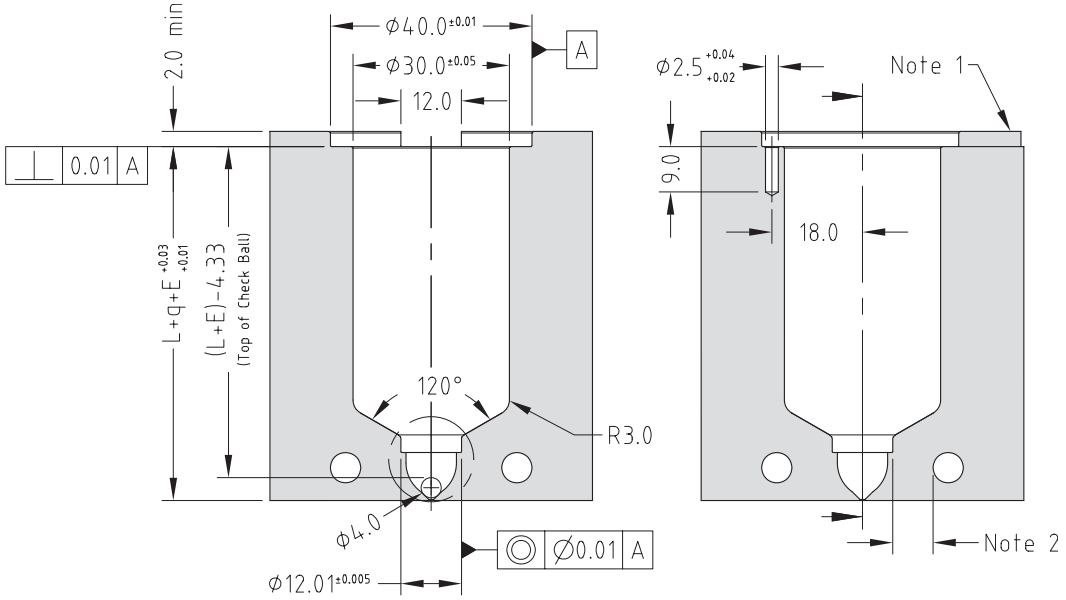
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.

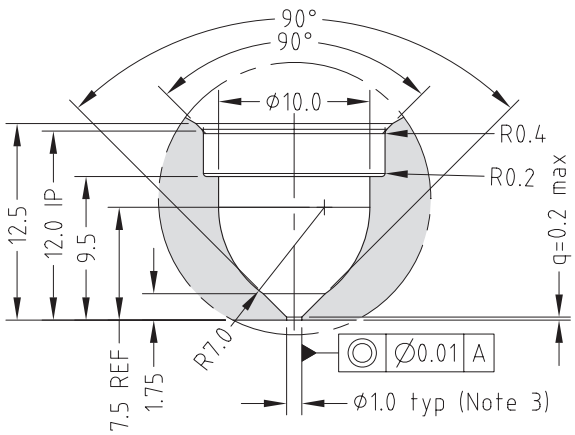


Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	L	EΔT =200C	EΔT =250C
SXTT16045+5	SXIT16045+5	50	0.13	0.17
SXTT16055+5	SXIT16055+5	60	0.16	0.20
SXTT16065+5	SXIT16065+5	70	0.18	0.23
SXTT16075+5	SXIT16075+5	80	0.21	0.26
SXTT16095+5	SXIT16095+5	100	0.26	0.33
SXTT16115+5	SXIT16115+5	120	0.32	0.40
SXTT16145+5	SXIT16145+5	150	0.40	0.50
SXTT16175+5	SXIT16175+5	180	0.48	0.59

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)





Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

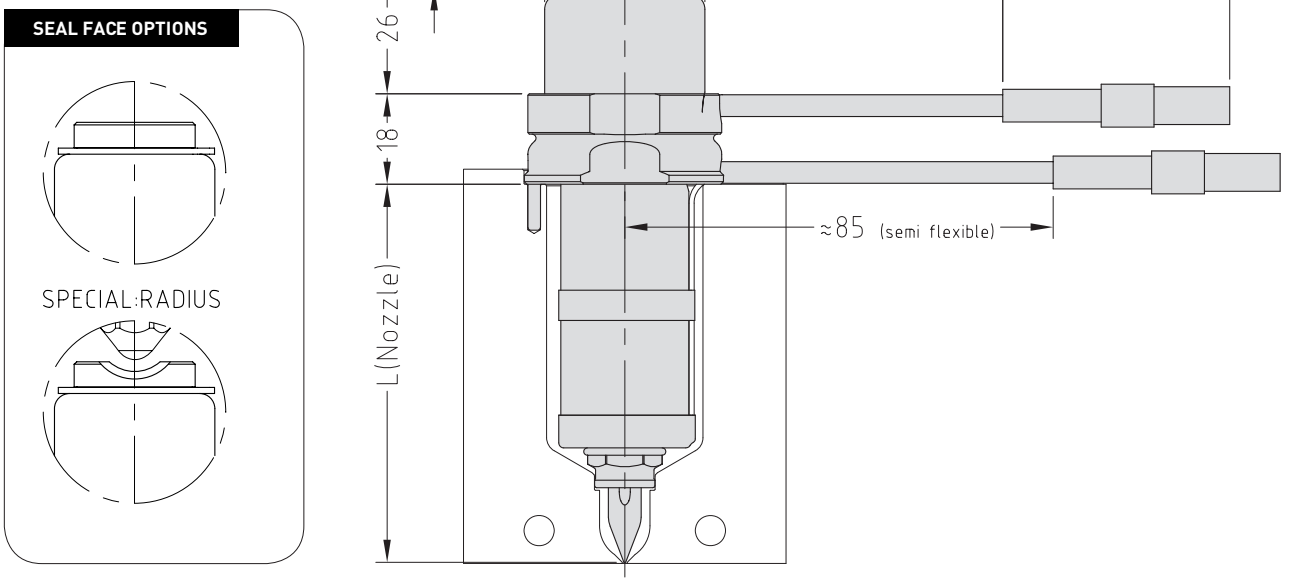
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 13 TT+10)	✓	✓	×
One-hole Torpedo Tip (X 13 IT+10)	✓	✓	×
Open Tip	×	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT16175+10 G1 Radius=0)

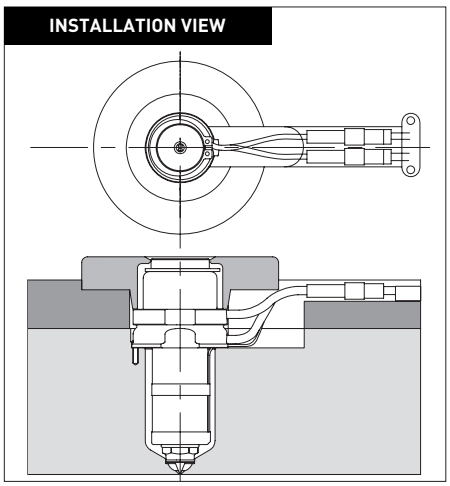
To order a tip:
Provide the Tip Code + Grade
(Order example: X 16 IT+10 G1)

Nozzle Dimensions



Note

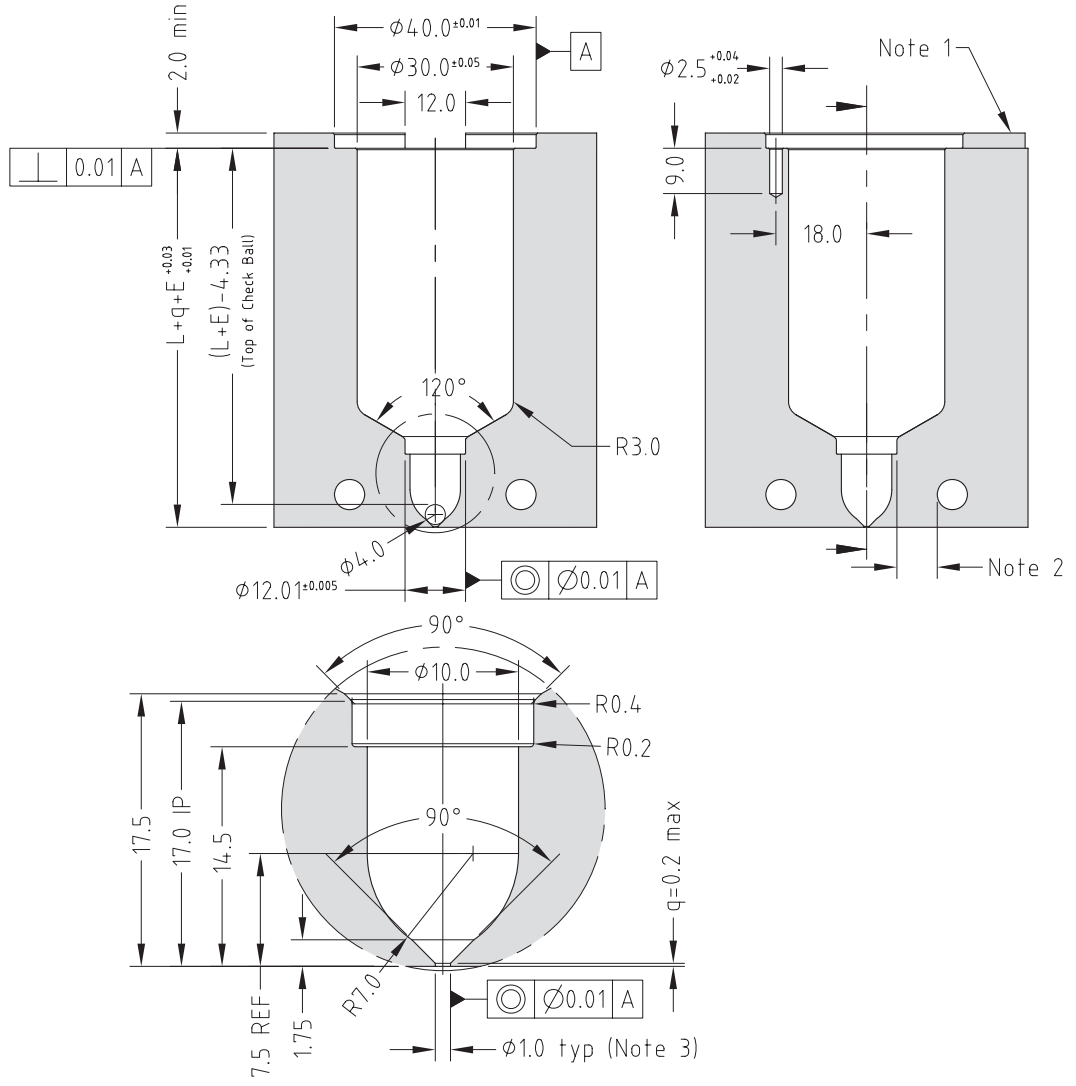
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	L	EΔT =200C	EΔT =250C
SXTT16045+10	SXIT16045+10	55	0.15	0.18
SXTT16055+10	SXIT16055+10	65	0.17	0.21
SXTT16065+10	SXIT16065+10	75	0.20	0.25
SXTT16075+10	SXIT16075+10	85	0.22	0.28
SXTT16095+10	SXIT16095+10	105	0.28	0.35
SXTT16115+10	SXIT16115+10	125	0.33	0.41
SXTT16145+10	SXIT16145+10	155	0.41	0.51
SXTT16175+10	SXIT16175+10	185	0.49	0.61

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)

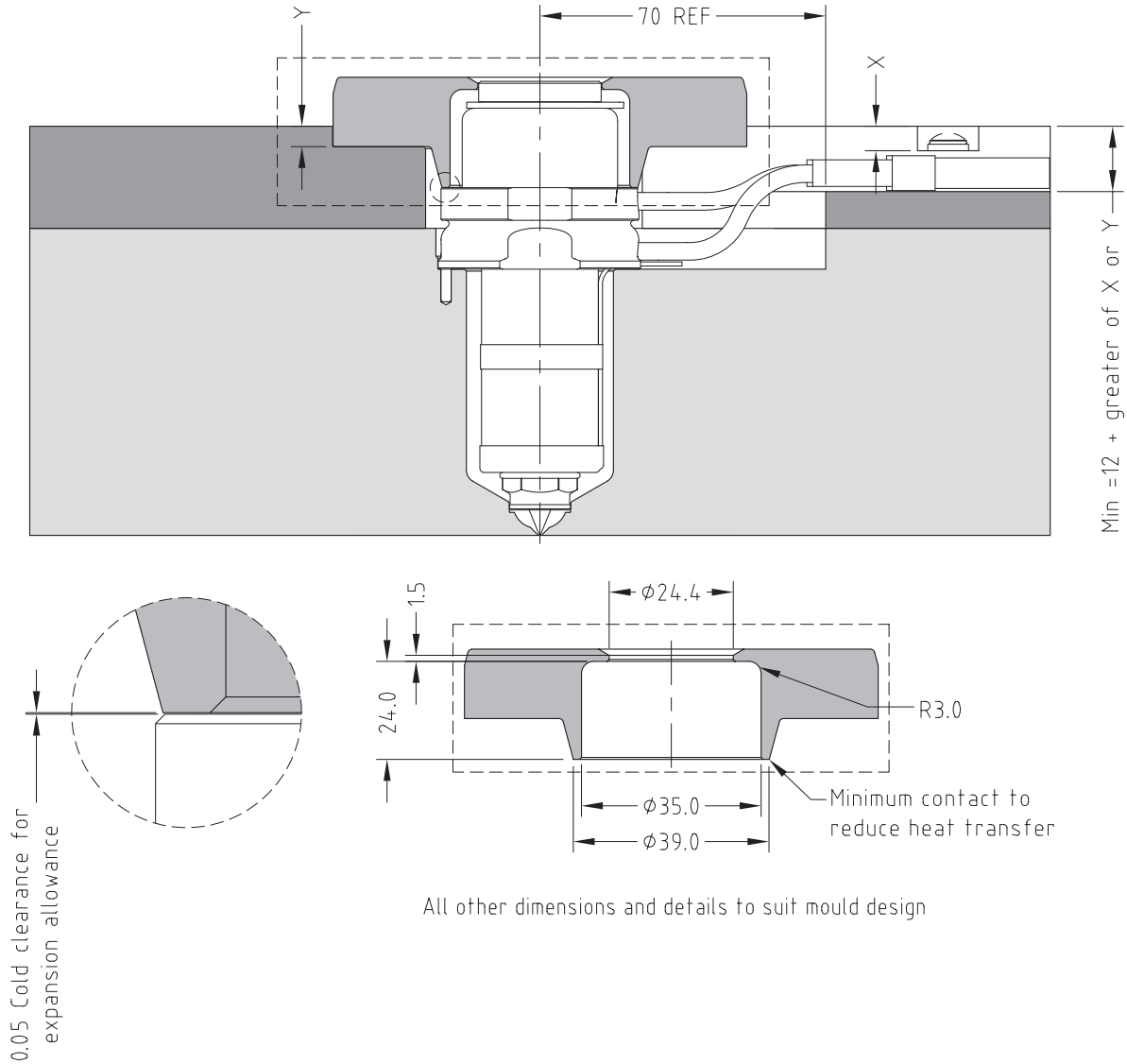


Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

Installation Details



All other dimensions and details to suit mould design

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40-000-010 V1.03

SXTG19

smart hot runner solutions

www.mastip.com

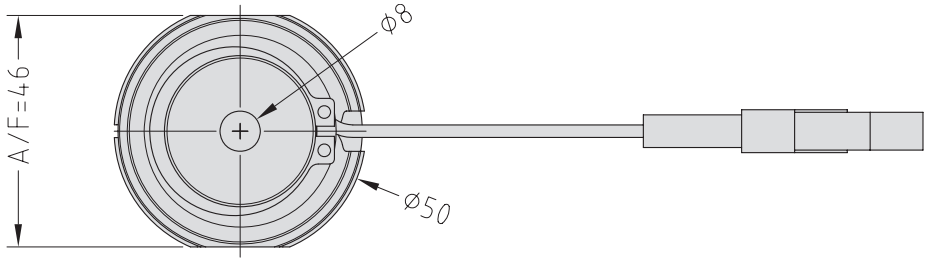
Tip and Material Grade Availability

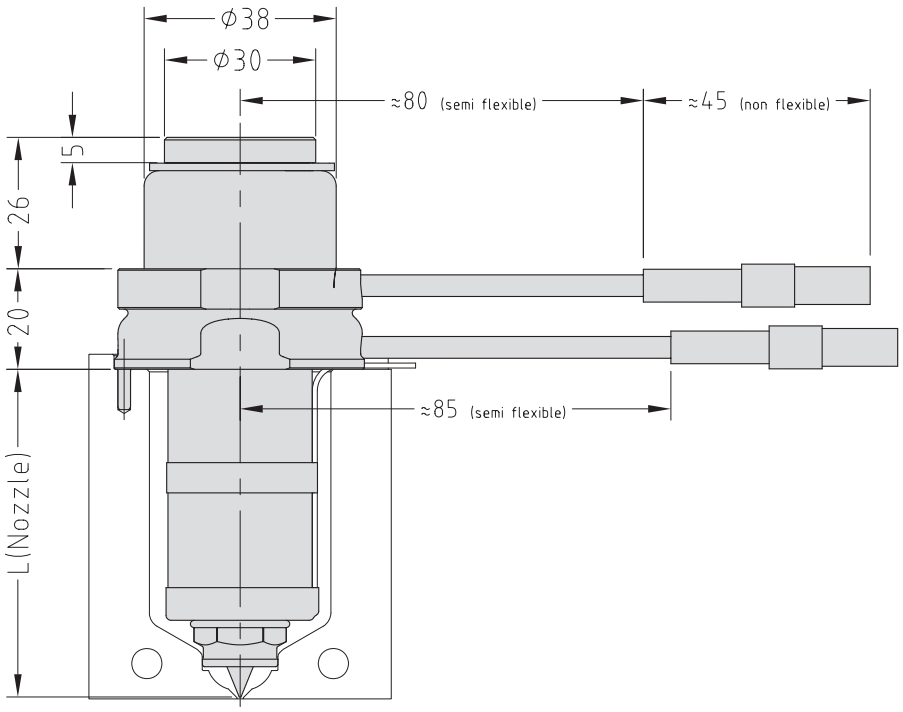
Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 19 TT)	✓	✓	✓
One-hole Torpedo Tip (X 19 IT)	✓	✓	✓
Open Tip (X 19 OT)	✓	×	✓

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT19055 G5 Radius=0)

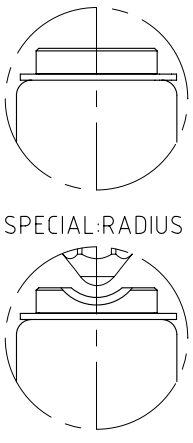
To order a tip:
Provide the Tip Code + Grade
(Order example: X 19 IT G5)

Nozzle Dimensions



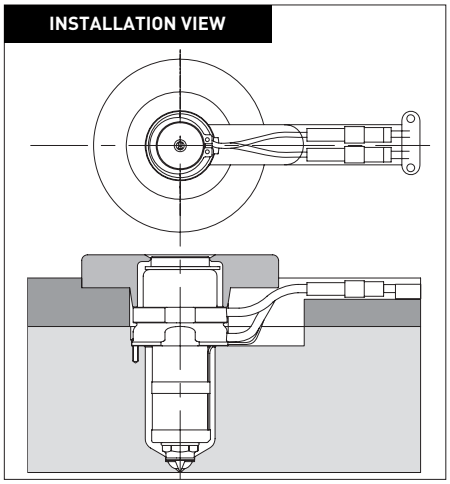


SEAL FACE OPTIONS



Note

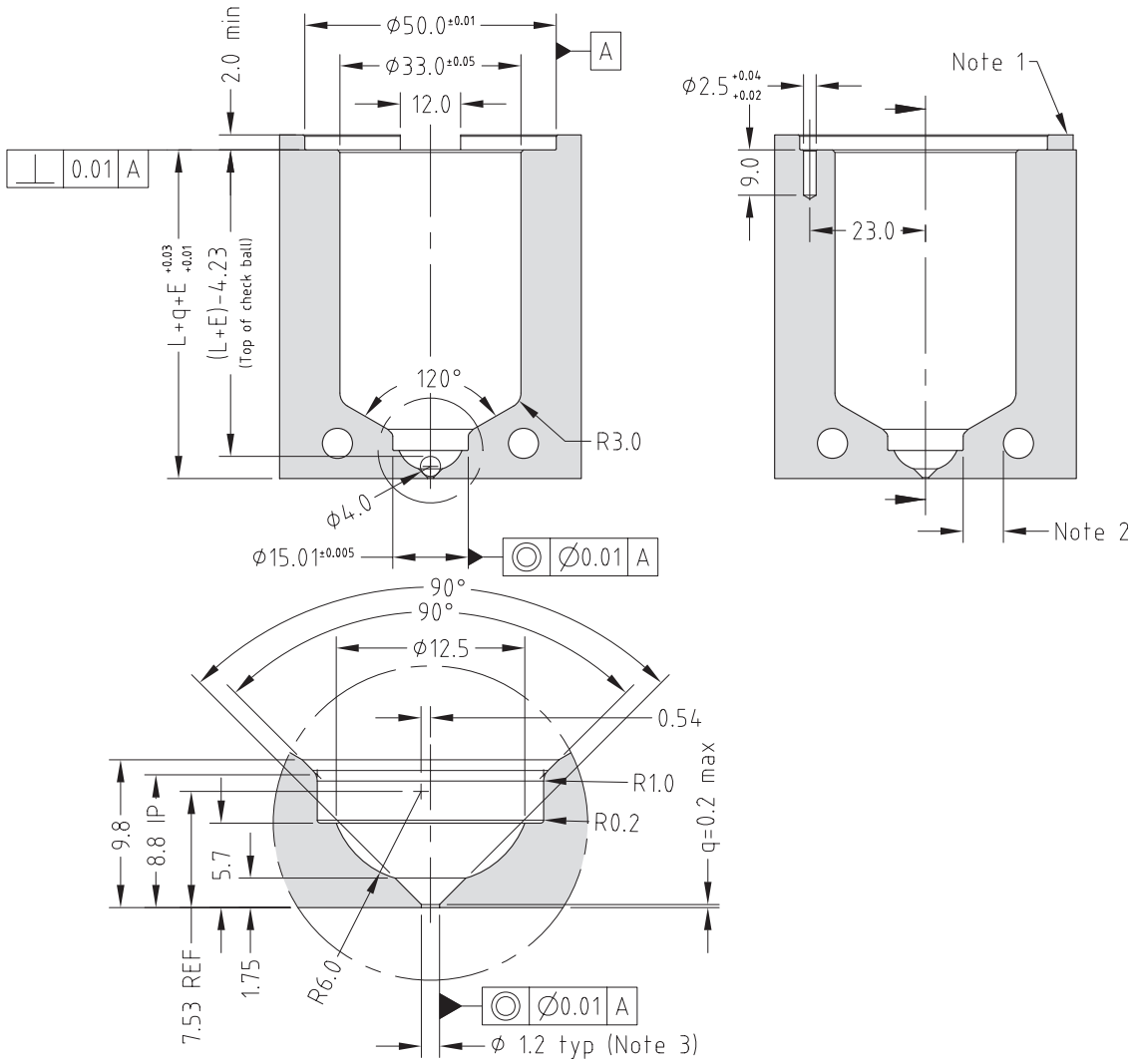
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	EQΔT =200C	EQΔT =250C
SXTT19055	SXIT19055	SXOT19055	55	0.15	0.18
SXTT19065	SXIT19065	SXOT19065	65	0.17	0.21
SXTT19075	SXIT19075	SXOT19075	75	0.20	0.25
SXTT19095	SXIT19095	SXOT19095	95	0.25	0.31
SXTT19115	SXIT19115	SXOT19115	115	0.30	0.38
SXTT19145	SXIT19145	SXOT19145	145	0.38	0.48
SXTT19175	SXIT19175	SXOT19175	175	0.46	0.58

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 19 TT)	✓	✓	✓
One-hole Torpedo Tip (X 19 IT)	✓	✓	✓
Open Tip (X 19 OT)	✓	×	✓

Bush Nut Options

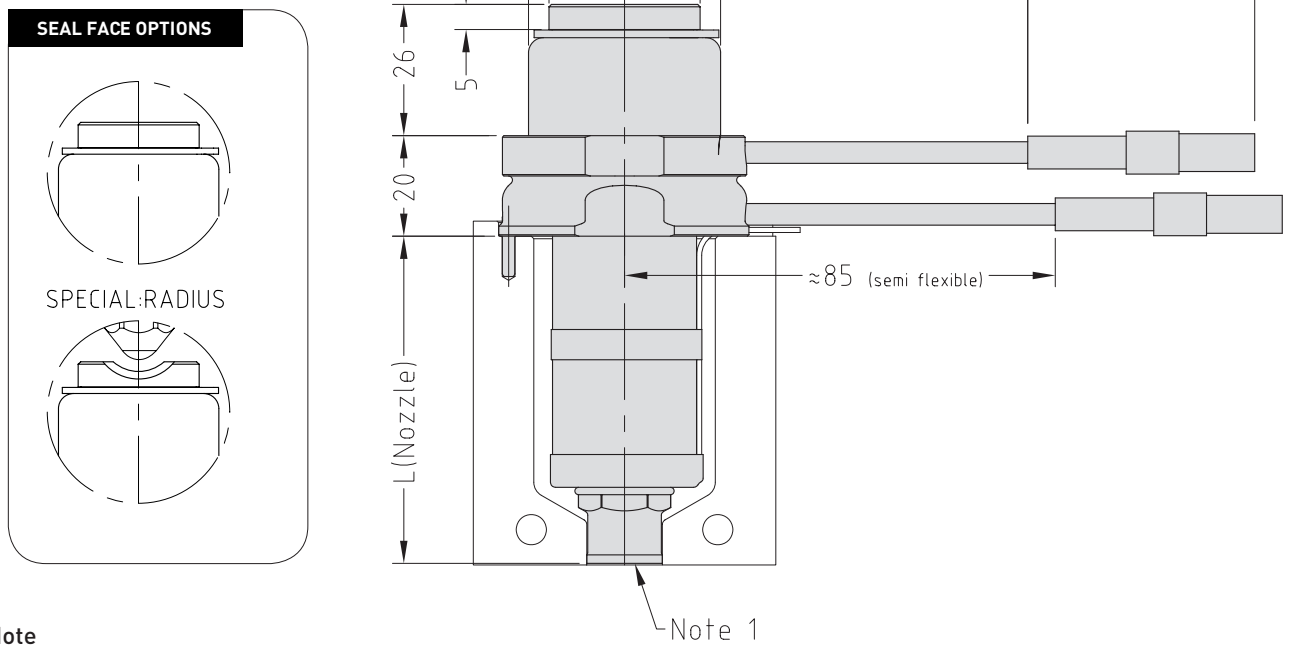
- BN - Standard bush nut
- BE - Full-contact bush nut*

The nozzle codes listed to the right are for nozzle assemblies with a standard bush nut. To order a full-contact bush nut, replace the BN in the code with BE.

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIBN19065 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 19 IT G5)

Nozzle Dimensions

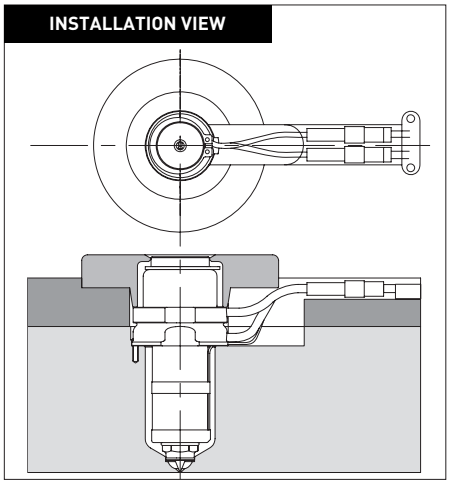


Note

1. Modify the contact area to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

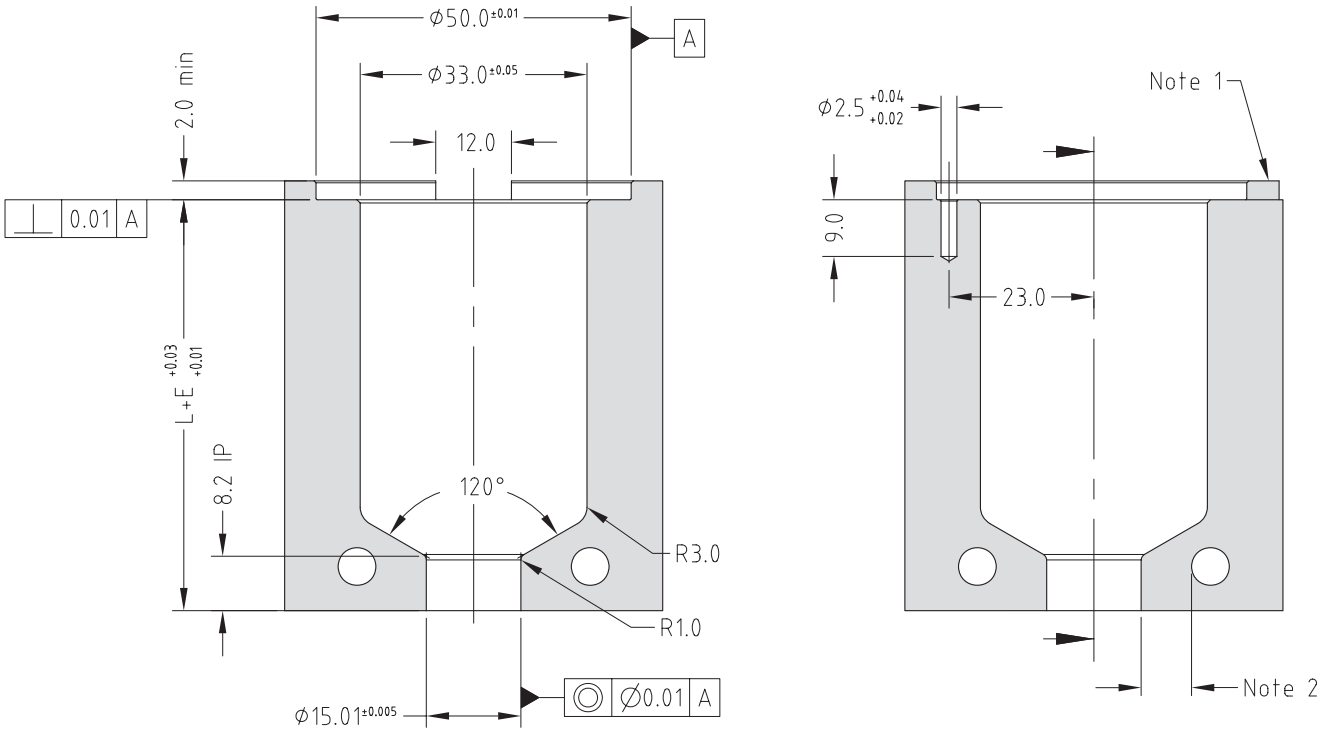
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	EQΔT =200C	EQΔT =250C
SXTBN19055	SXIBN19055	SXOBN19055	55.2	0.15	0.18
SXTBN19065	SXIBN19065	SXOBN19065	65.2	0.17	0.22
SXTBN19075	SXIBN19075	SXOBN19075	75.2	0.20	0.25
SXTBN19095	SXIBN19095	SXOBN19095	95.2	0.25	0.31
SXTBN19115	SXIBN19115	SXOBN19115	115.2	0.30	0.38
SXTBN19145	SXIBN19145	SXOBN19145	145.2	0.38	0.48
SXTBN19175	SXIBN19175	SXOBN19175	175.2	0.46	0.58

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø1.2 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

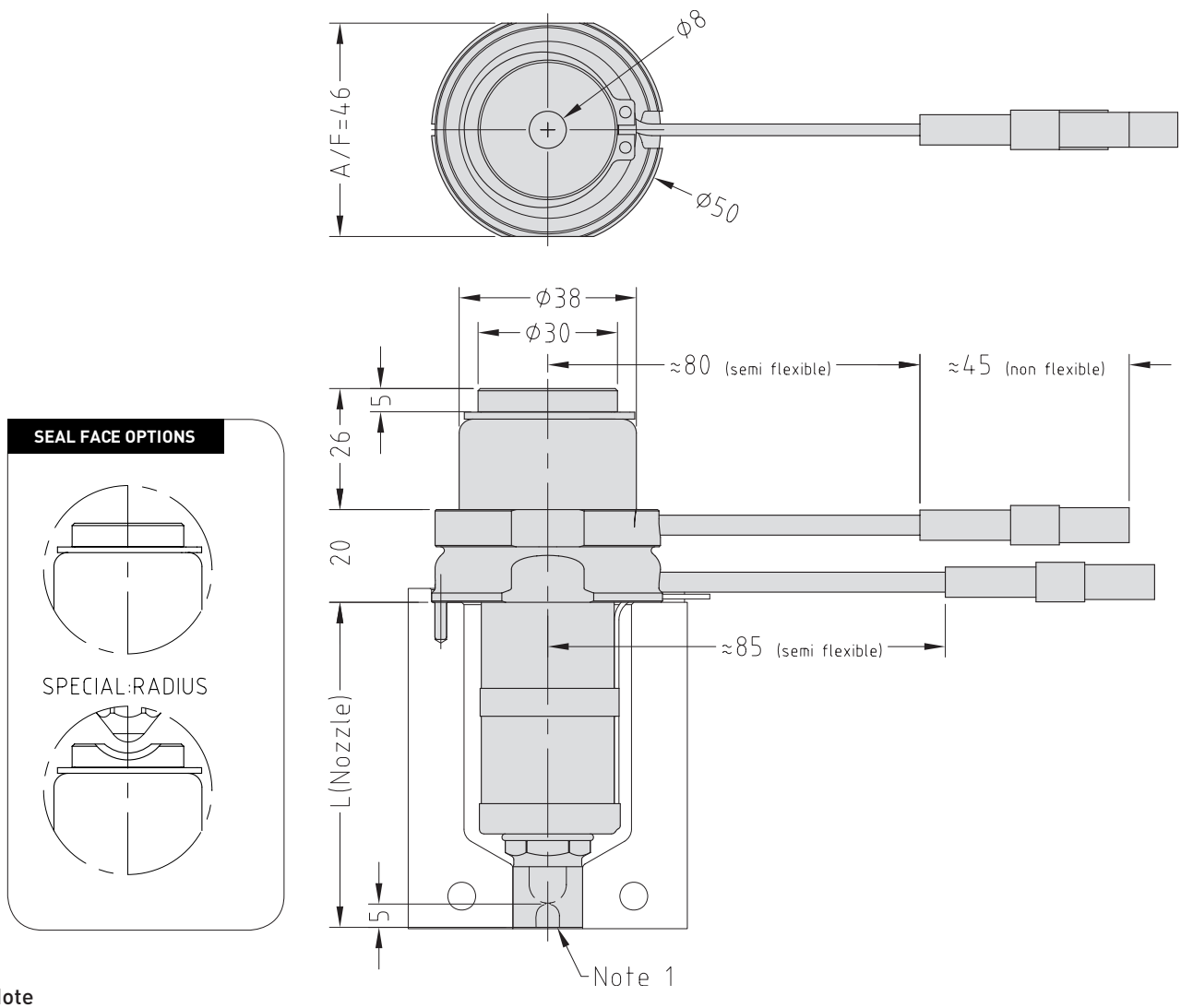
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 19 TT)	✓	✓	✓
One-hole Torpedo Tip (X 19 IT)	✓	✓	✓
Open Tip (X 19 OT)	✓	×	✓

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISN19075 G5 Radius=0)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 19 IT G5)

Nozzle Dimensions

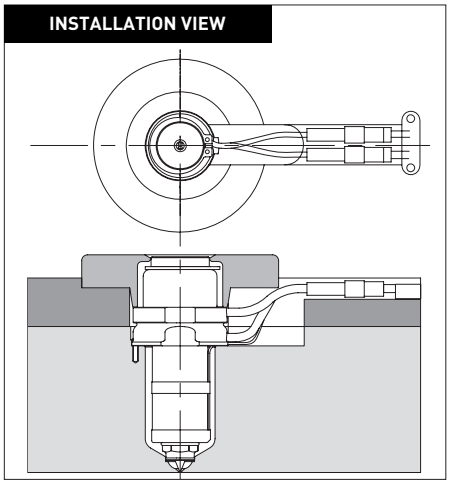


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

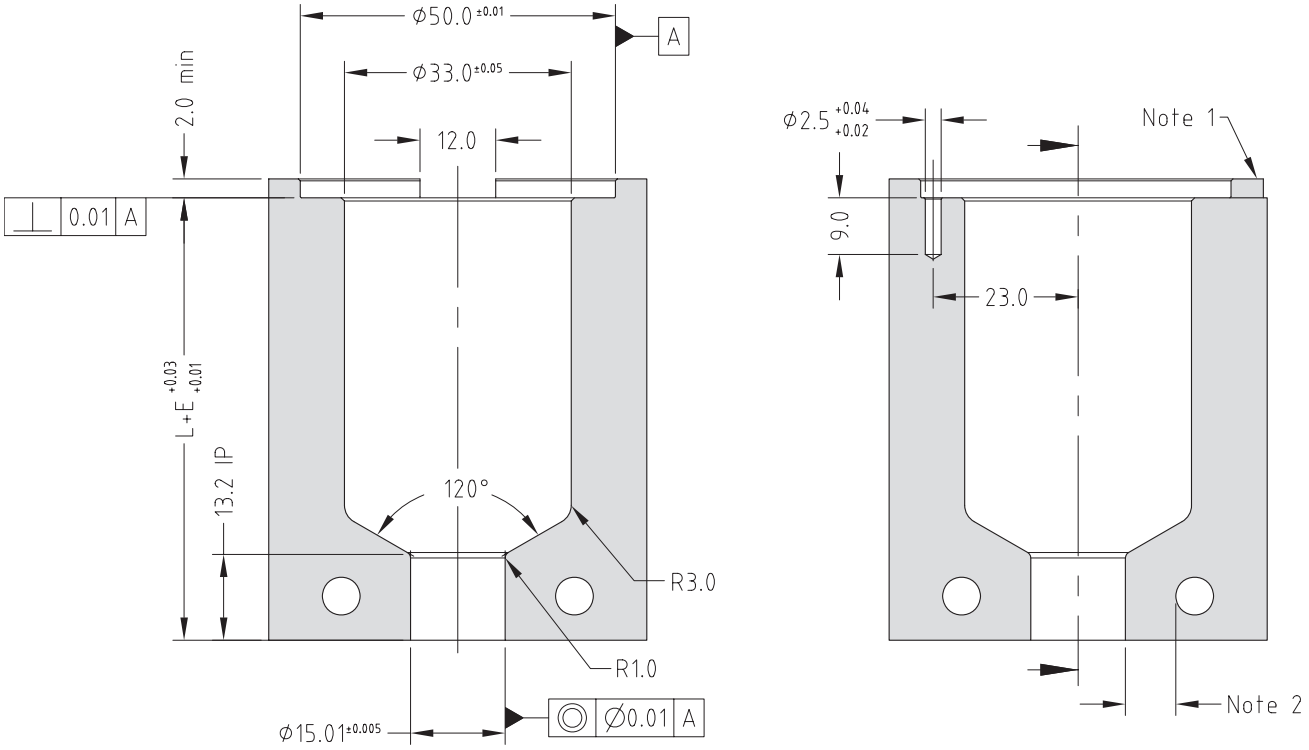
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTSN19055	SXISN19055	SXOSN19055	60.2	0.20	0.25
SXTSN19065	SXISN19065	SXOSN19065	70.2	0.23	0.28
SXTSN19075	SXISN19075	SXOSN19075	80.2	0.25	0.31
SXTSN19095	SXISN19095	SXOSN19095	100.2	0.30	0.38
SXTSN19115	SXISN19115	SXOSN19115	120.2	0.36	0.45
SXTSN19145	SXISN19145	SXOSN19145	150.2	0.40	0.50
SXTSN19175	SXISN19175	SXOSN19175	180.2	0.48	0.59

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø1.2 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

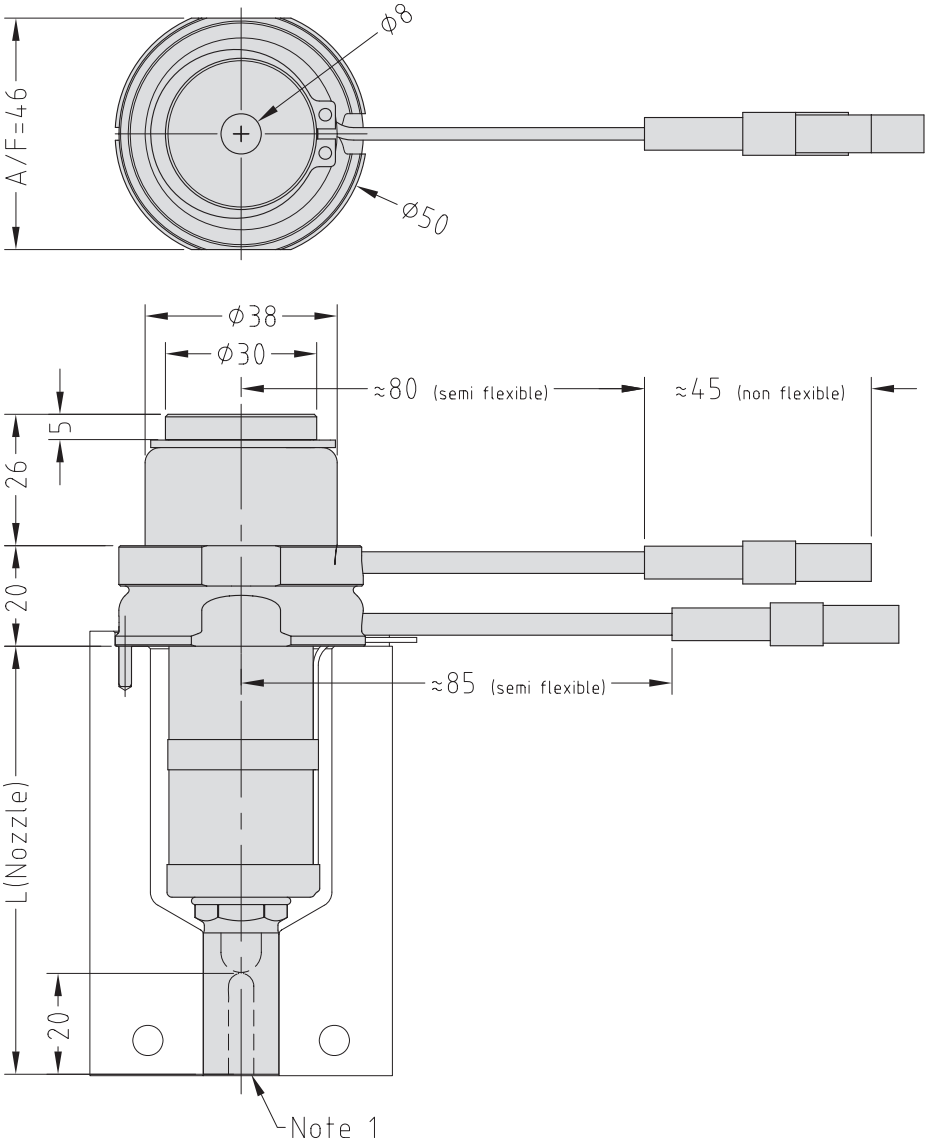
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 19 TT)	✓	✓	✓
One-hole Torpedo Tip (X 19 IT)	✓	✓	✓
Open Tip (X 19 OT)	✓	×	✓

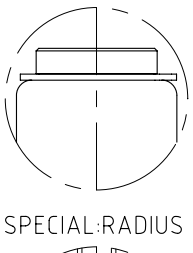
To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISX19075 G5 Radius=0)

To order a tip:
provide the Tip Code + Grade
(Order example: X 19 IT G5)

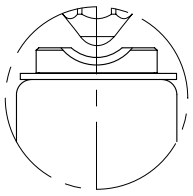
Nozzle Dimensions



SEAL FACE OPTIONS



SPECIAL:RADIUS

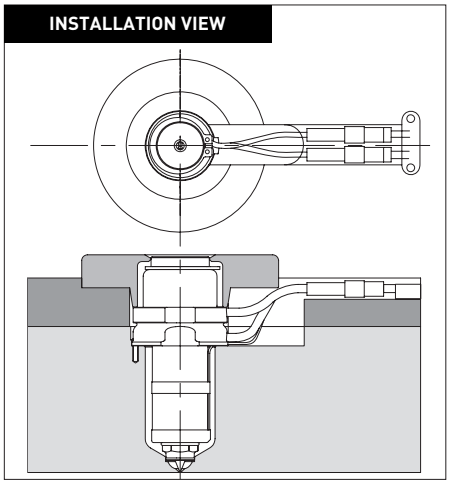


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

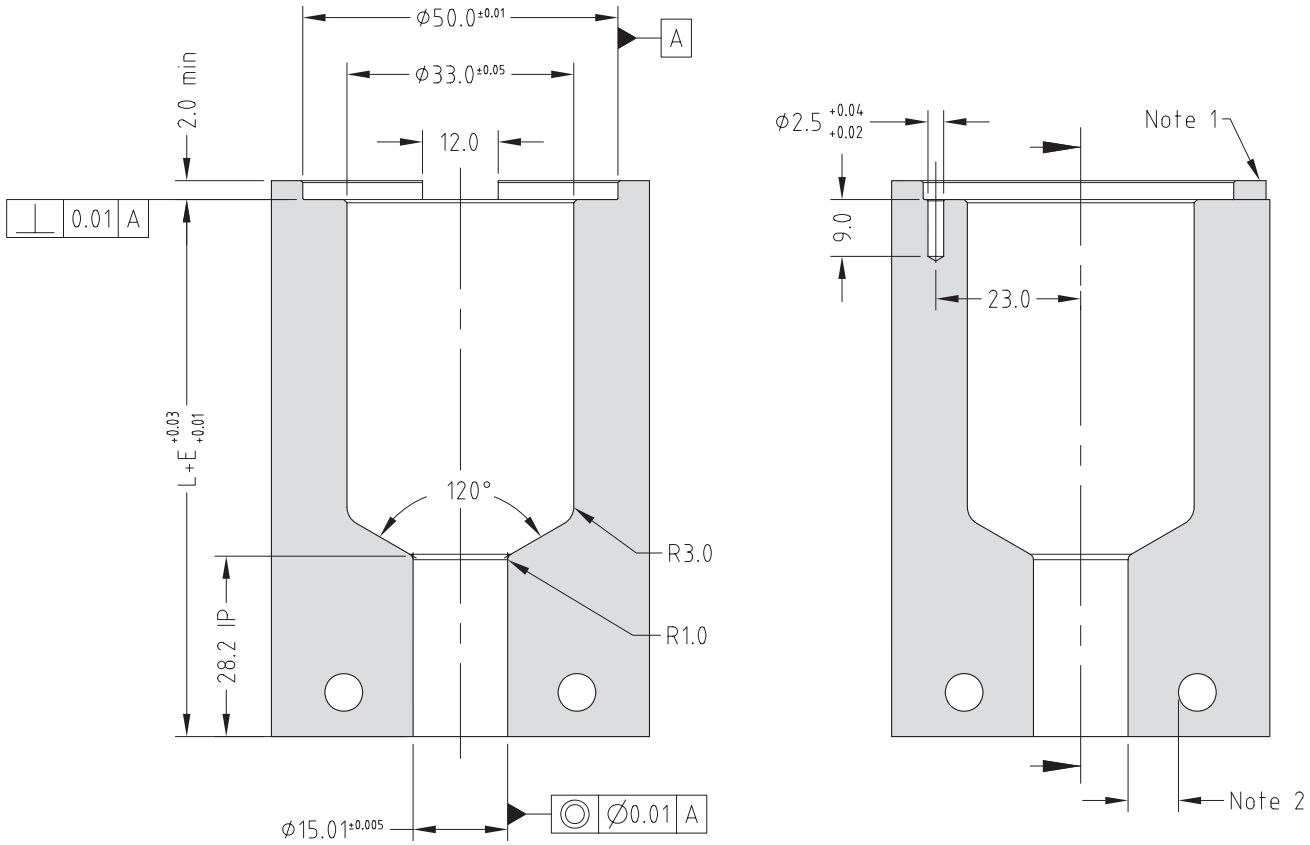
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	EΔT =200C	EΔT =250C
SXTSX19055	SXISX19055	SXOSX19055	75.2	0.20	0.25
SXTSX19065	SXISX19065	SXOSX19065	85.2	0.23	0.28
SXTSX19075	SXISX19075	SXOSX19075	95.2	0.25	0.31
SXTSX19095	SXISX19095	SXOSX19095	115.2	0.30	0.38
SXTSX19115	SXISX19115	SXOSX19115	135.2	0.36	0.45
SXTSX19145	SXISX19145	SXOSX19145	165.2	0.44	0.55
SXTSX19175	SXISX19175	SXOSX19175	195.2	0.52	0.64

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø1.2 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

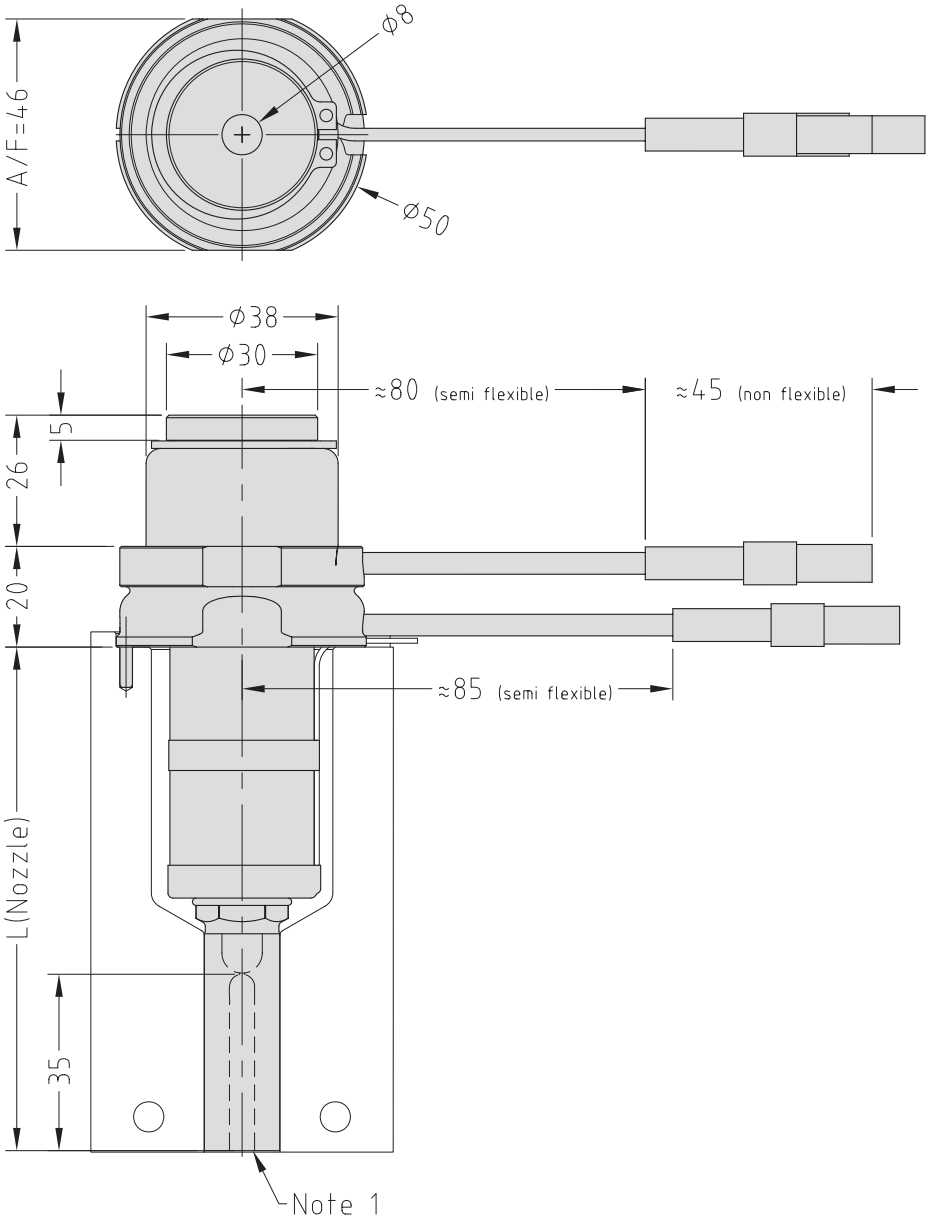
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 19 TT)	✓	✓	✓
One-hole Torpedo Tip (X 19 IT)	✓	✓	✓
Open Tip (X 19 OT)	✓	×	✓

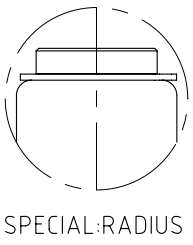
To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISL19075 G5)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 19 IT G5)

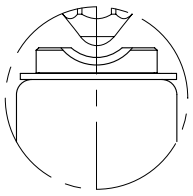
Nozzle Dimensions



SEAL FACE OPTIONS



SPECIAL:RADIUS

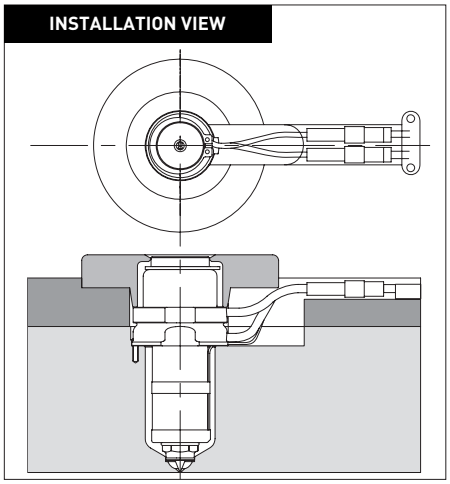


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

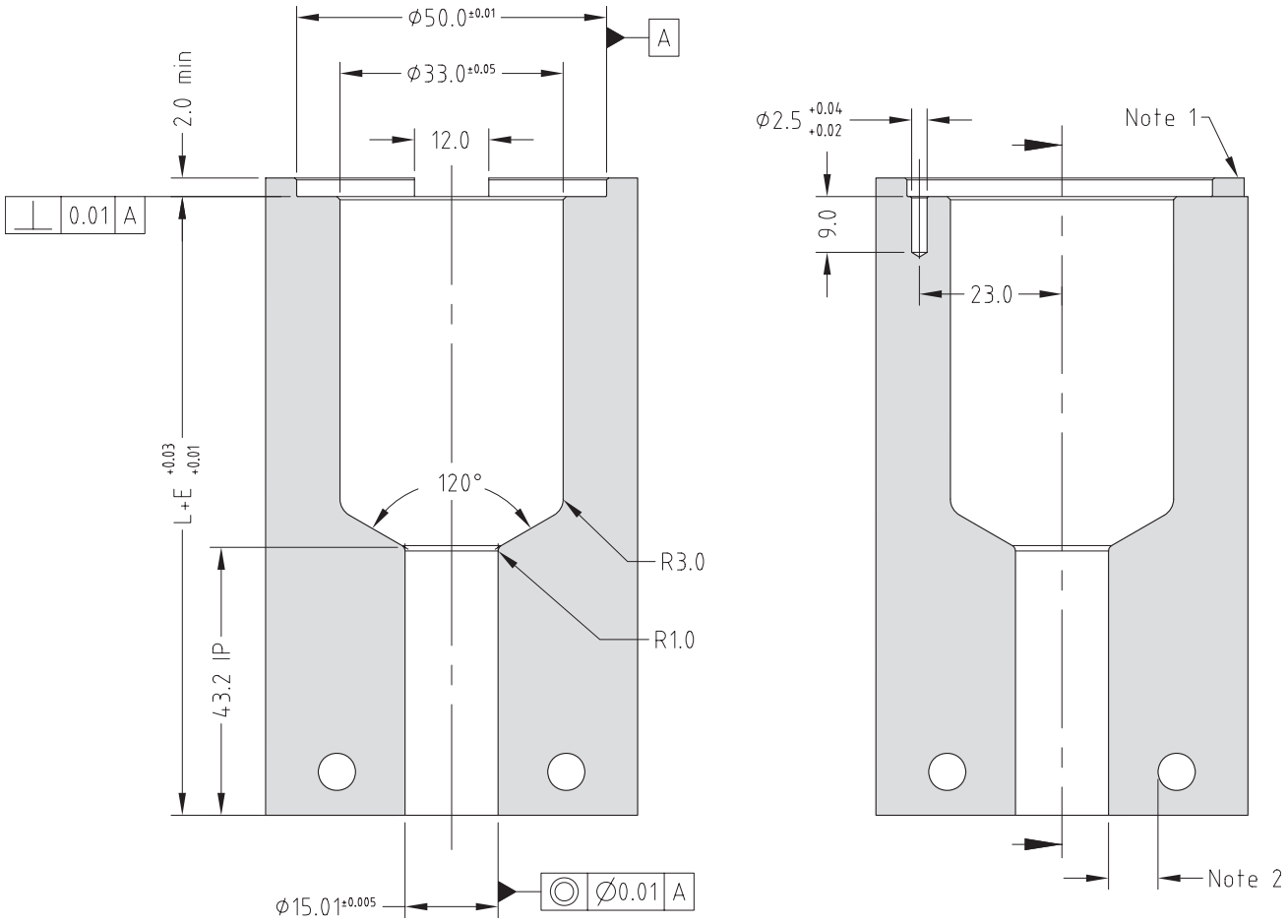
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTSL19055	SXISL19055	SXOSL19055	90.2	0.24	0.30
SXTSL19065	SXISL19065	SXOSL19065	100.2	0.26	0.33
SXTSL19075	SXISL19075	SXOSL19075	110.2	0.29	0.36
SXTSL19095	SXISL19095	SXOSL19095	130.2	0.34	0.43
SXTSL19115	SXISL19115	SXOSL19115	150.2	0.40	0.50
SXTSL19145	SXISL19145	SXOSL19145	180.2	0.48	0.59
SXTSL19175	SXISL19175	SXOSL19175	210.2	0.55	0.69

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø1.2 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

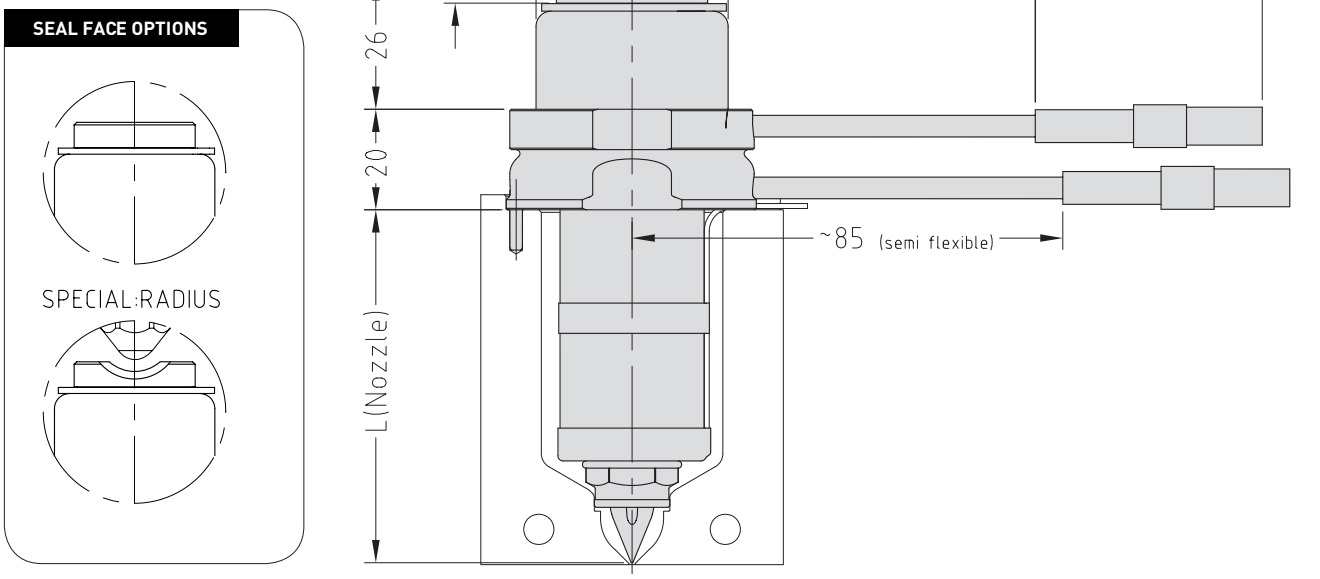
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 19 TT+5)	✓	✓	×
One-hole Torpedo Tip (X 19 IT+5)	✓	✓	×
Open Tip	×	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT19065+5 G5 Radius=0)

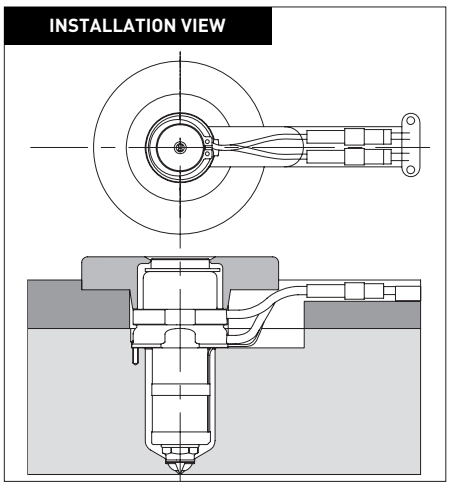
To order a tip:
Provide the Tip Code + Grade
(Order example: X 19 IT+5 G2)

Nozzle Dimensions



Note

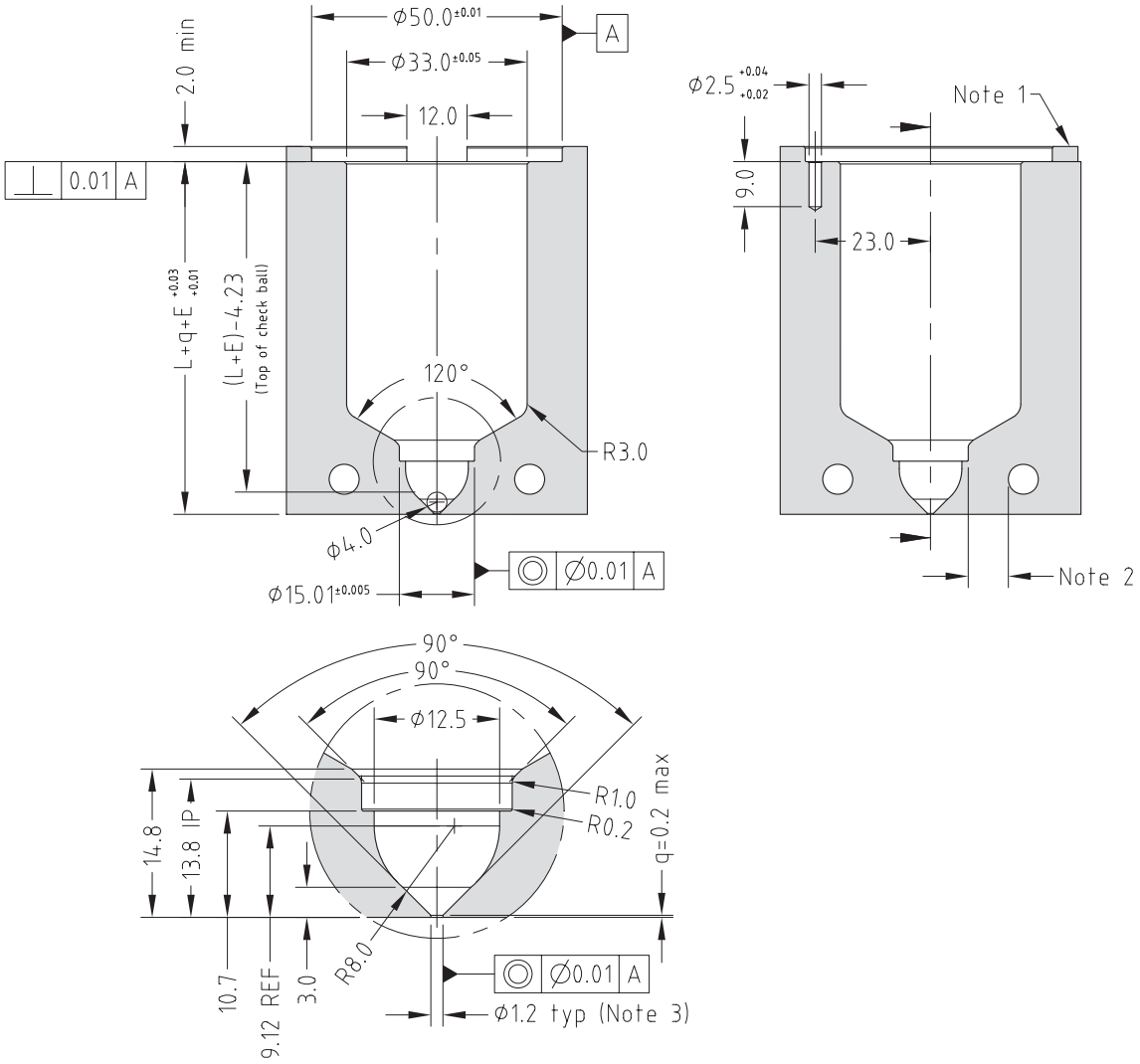
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	L	EΔT =200C	EΔT =250C
SXTT19055+5	SXIT19055+5	60	0.16	0.20
SXTT19065+5	SXIT19065+5	70	0.18	0.23
SXTT19075+5	SXIT19075+5	80	0.21	0.26
SXTT19095+5	SXIT19095+5	100	0.26	0.33
SXTT19115+5	SXIT19115+5	120	0.32	0.40
SXTT19145+5	SXIT19145+5	150	0.40	0.50
SXTT19175+5	SXIT19175+5	180	0.48	0.59

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

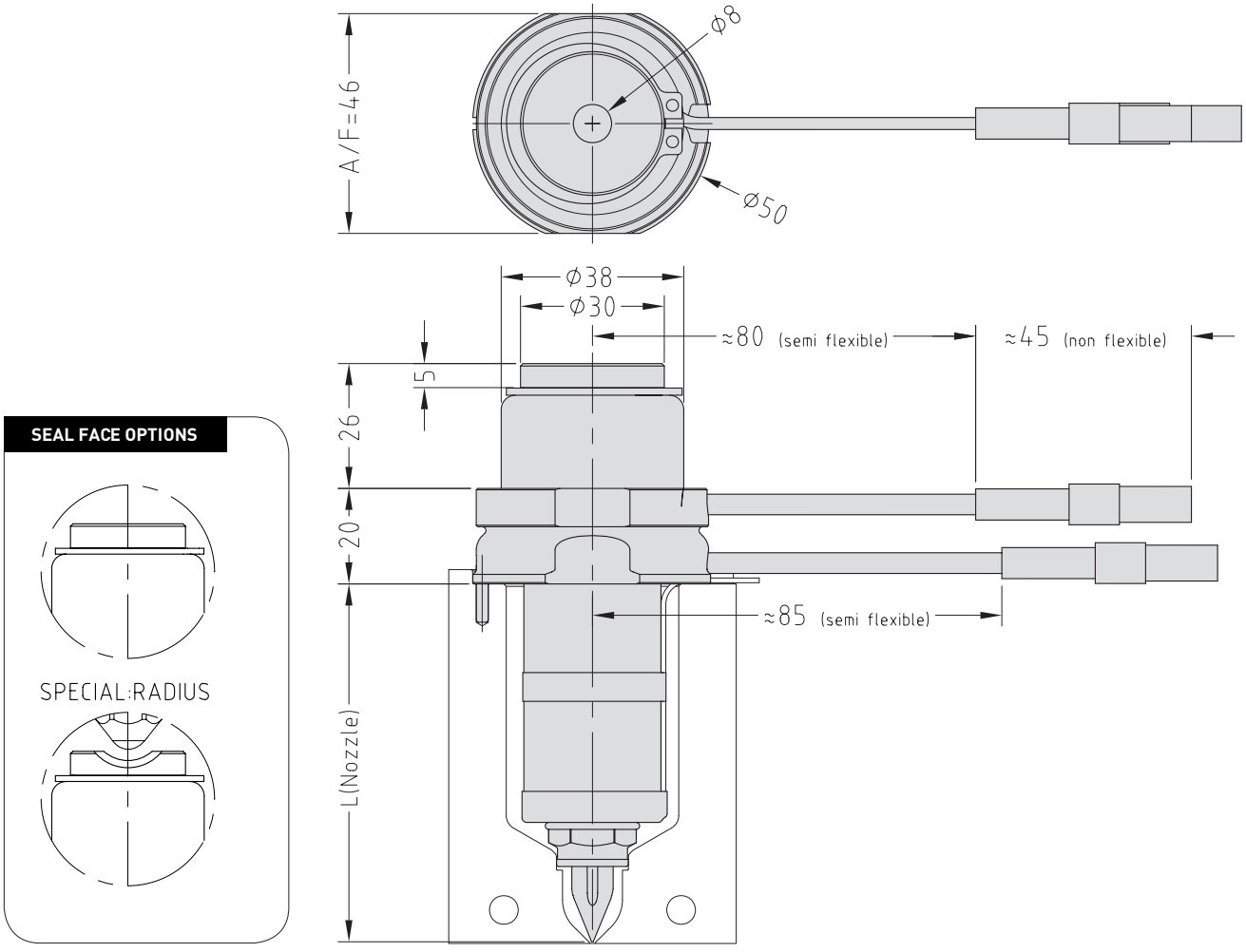
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 19 TT+10)	✓	✓	×
One-hole Torpedo Tip (X 19 IT+10)	✓	✓	×
Open Tip	×	×	×

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT19075+10 G1 Radius=0)

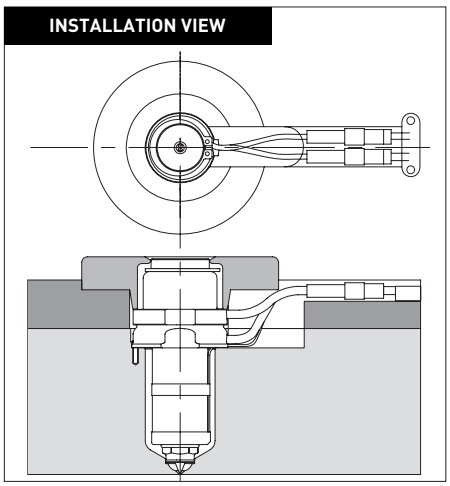
To order a tip:
Provide the Tip Code + Grade
(Order example: X 19 IT+10 G1)

Nozzle Dimensions



Note

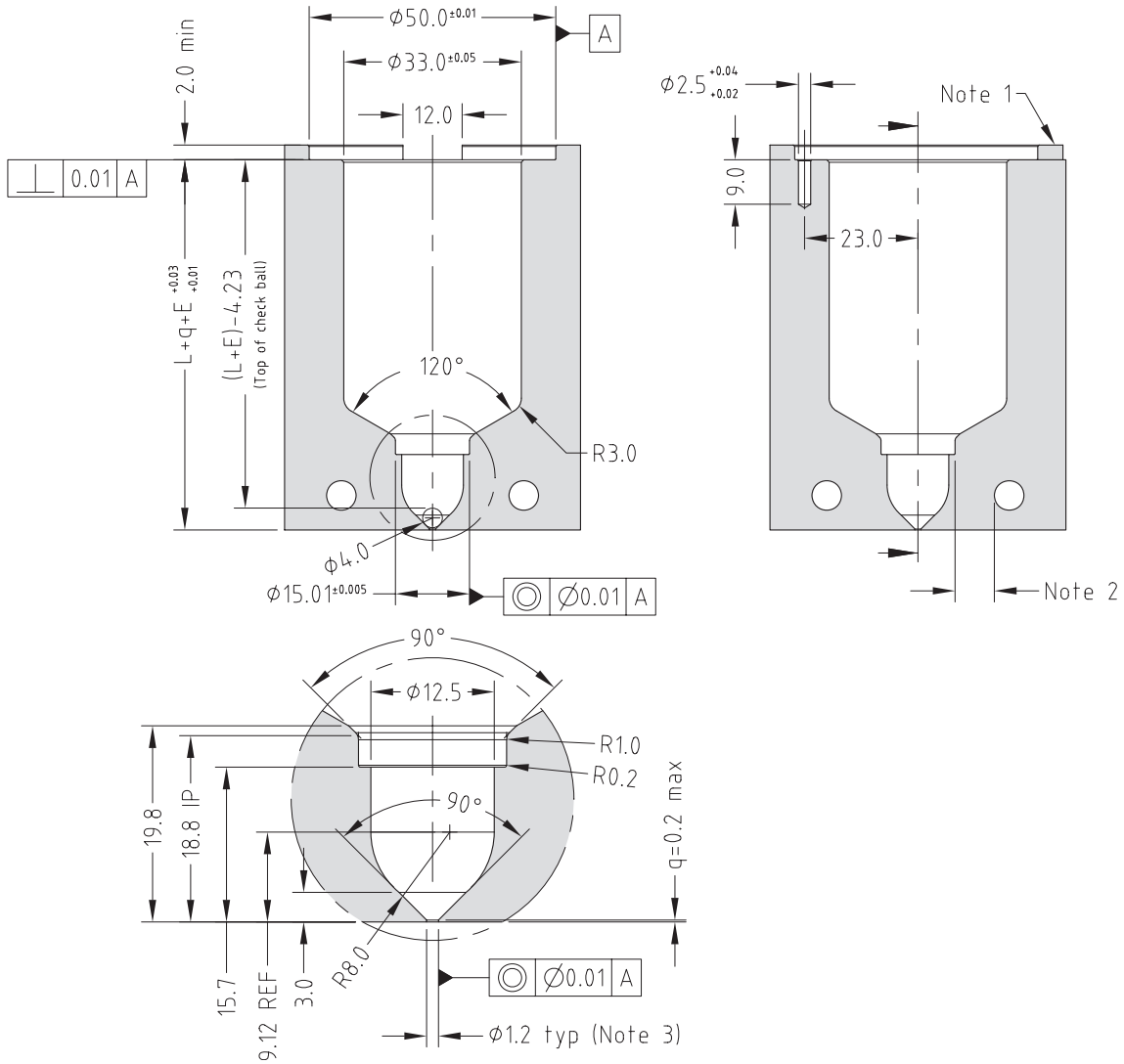
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	L	EQΔT =200C	EQΔT =250C
SXTT19055+10	SXIT19055+10	65	0.17	0.21
SXTT19065+10	SXIT19065+10	75	0.20	0.25
SXTT19075+10	SXIT19075+10	85	0.22	0.35
SXTT19095+10	SXIT19095+10	105	0.28	0.35
SXTT19115+10	SXIT19115+10	125	0.33	0.41
SXTT19145+10	SXIT19145+10	155	0.41	0.51
SXTT19175+10	SXIT19175+10	185	0.49	0.61

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)

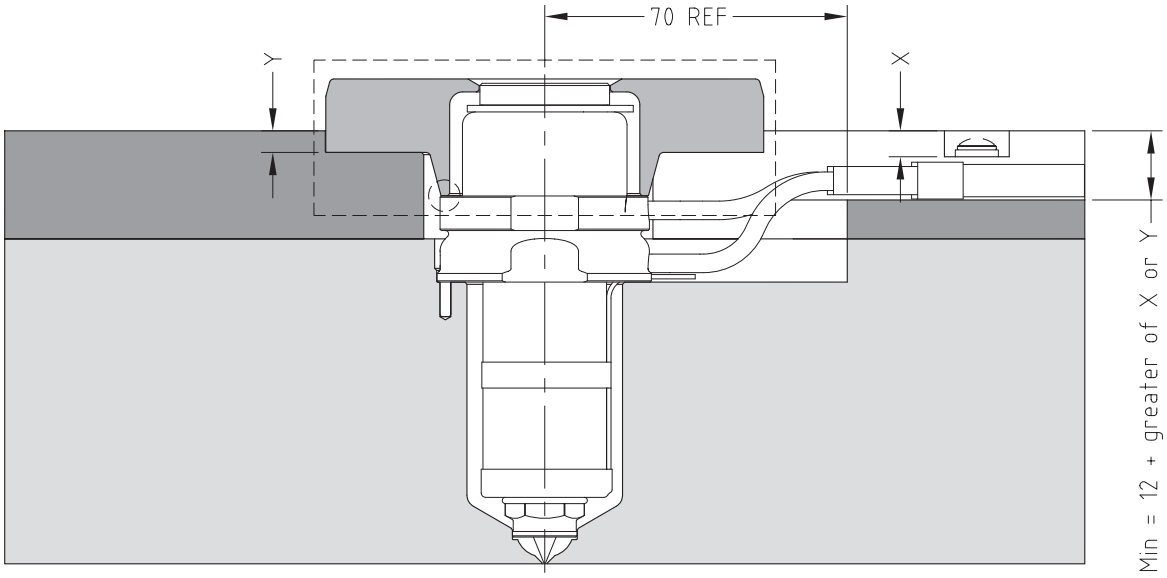


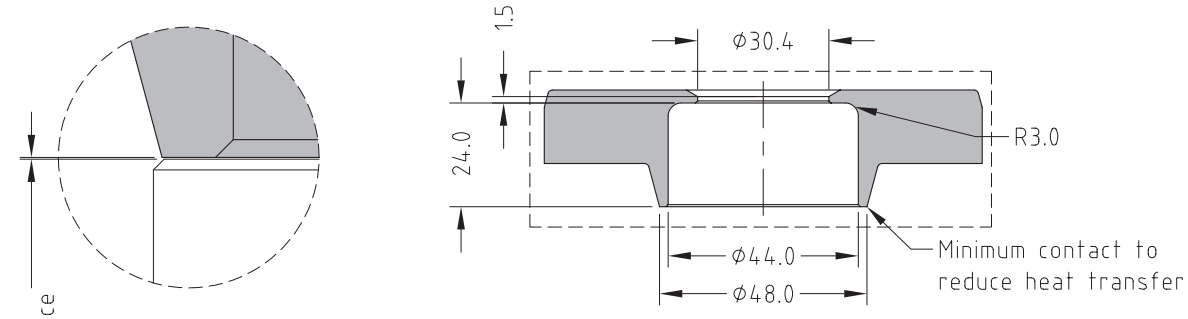
Note

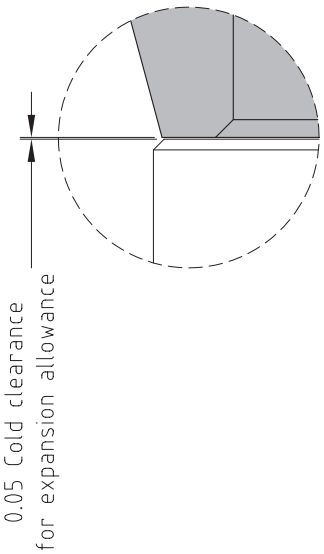
1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

Installation Details







All other dimensions and details to suit mold design

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Email: northamerica@mastip.com

40-000-022 V1.03

SXTG27

smart hot runner solutions

www.mastip.com

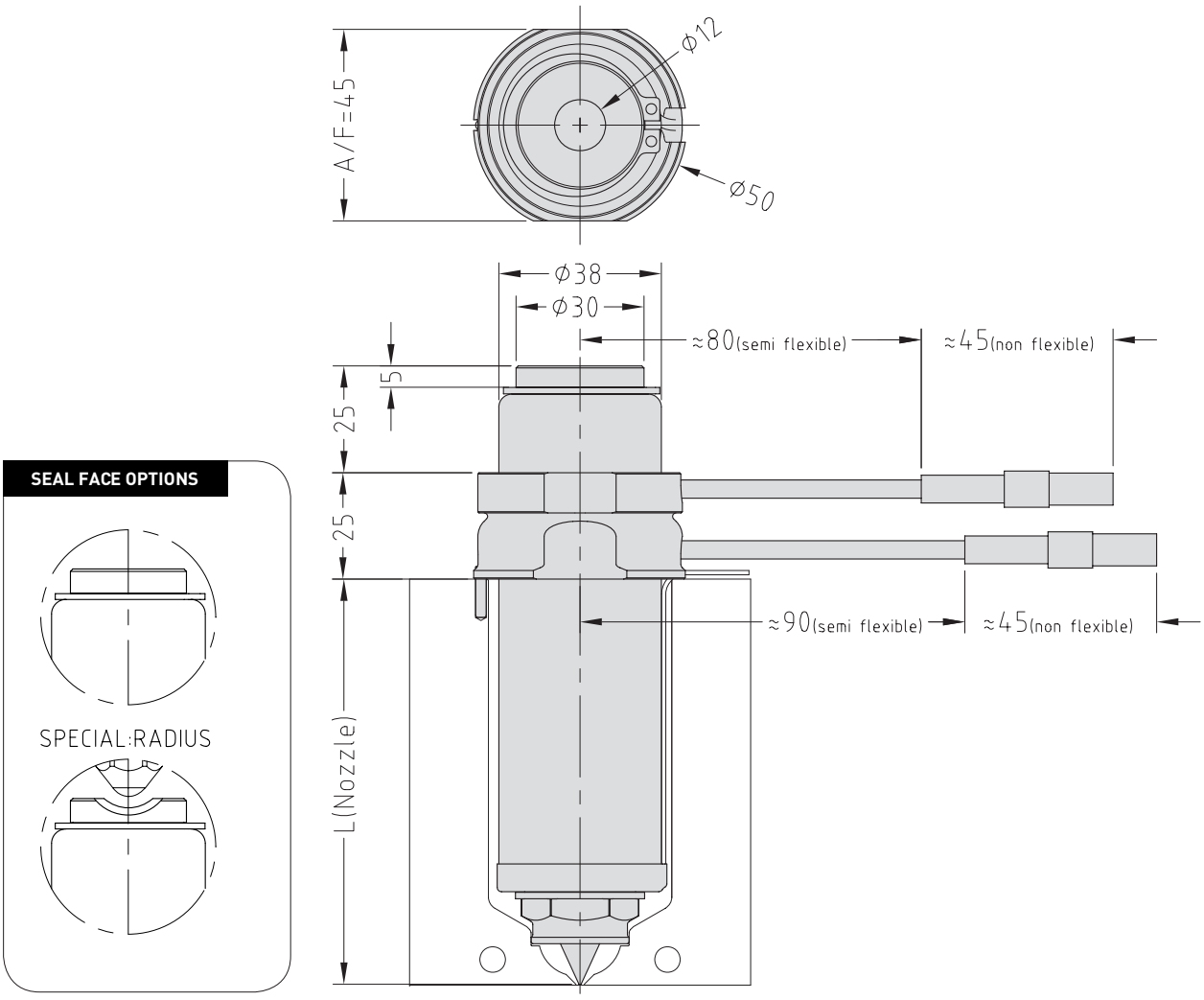
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓
Open Tip (X 27 OT)	✓	×	✓

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT27175 G5)

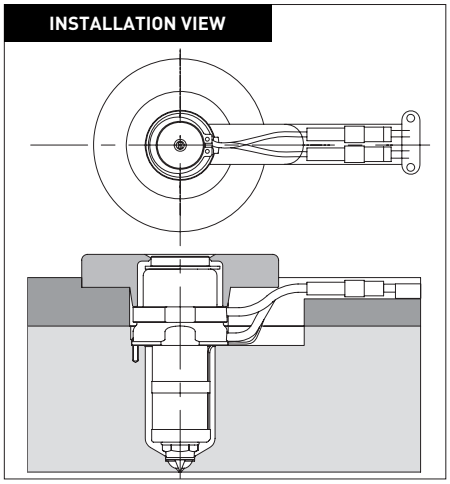
To order a tip:
Provide the Tip Code + Grade
(Order example: X 27 IT G5)

Nozzle Dimensions



Note

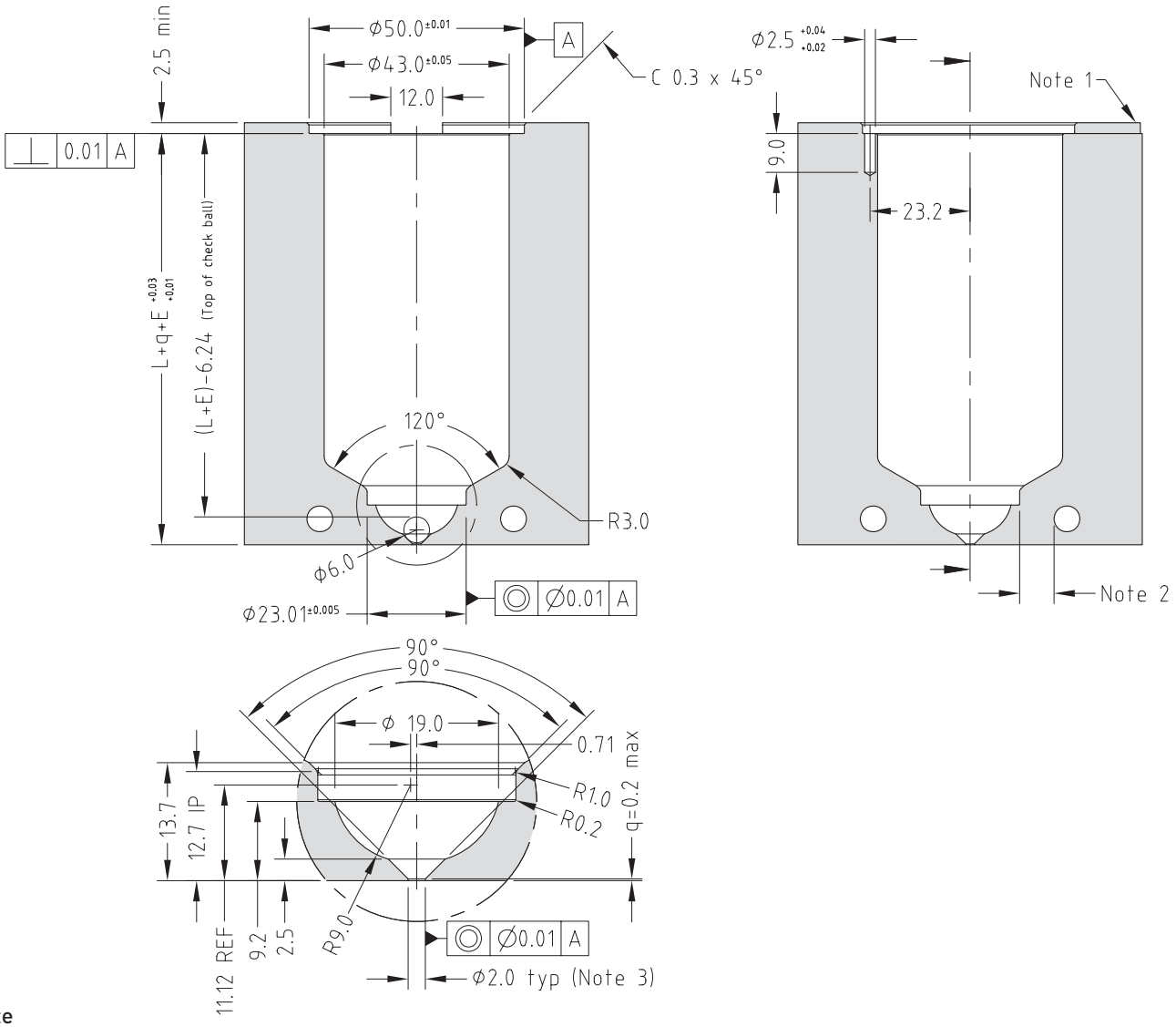
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTT27075	SXIT27075	SXOT27075	75	0.20	0.25
SXTT27095	SXIT27095	SXOT27095	95	0.25	0.31
SXTT27115	SXIT27115	SXOT27115	115	0.30	0.38
SXTT27145	SXIT27145	SXOT27145	145	0.38	0.48
SXTT27175	SXIT27175	SXOT27175	175	0.46	0.58
SXTT27225	SXIT27225	SXOT27225	225	0.59	0.74
SXTT27275	SXIT27275	SXOT27275	275	0.73	0.91

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

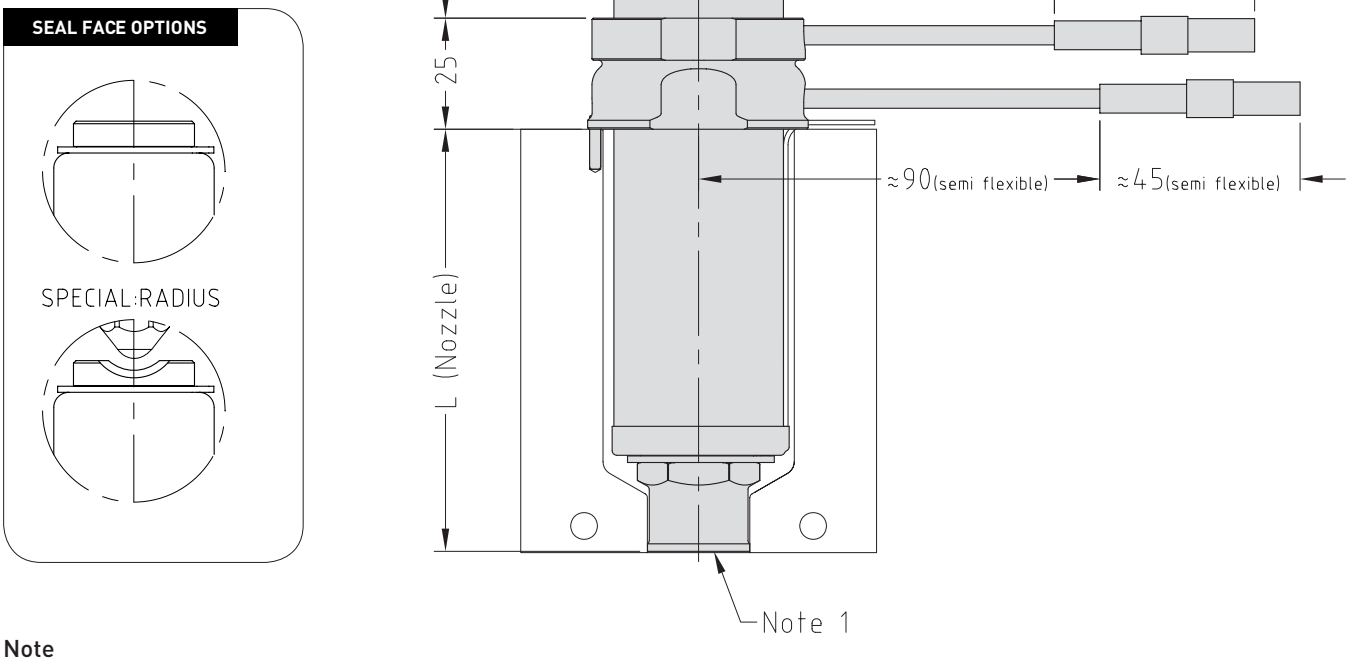
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓
Open Tip (X 27 OT)	✓	×	✓

To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIBN27175 G5)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 27 IT G5)

Nozzle Dimensions

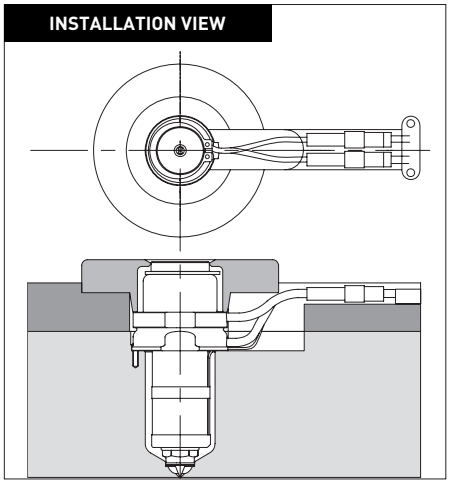


Note

1. Modify the contact area to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

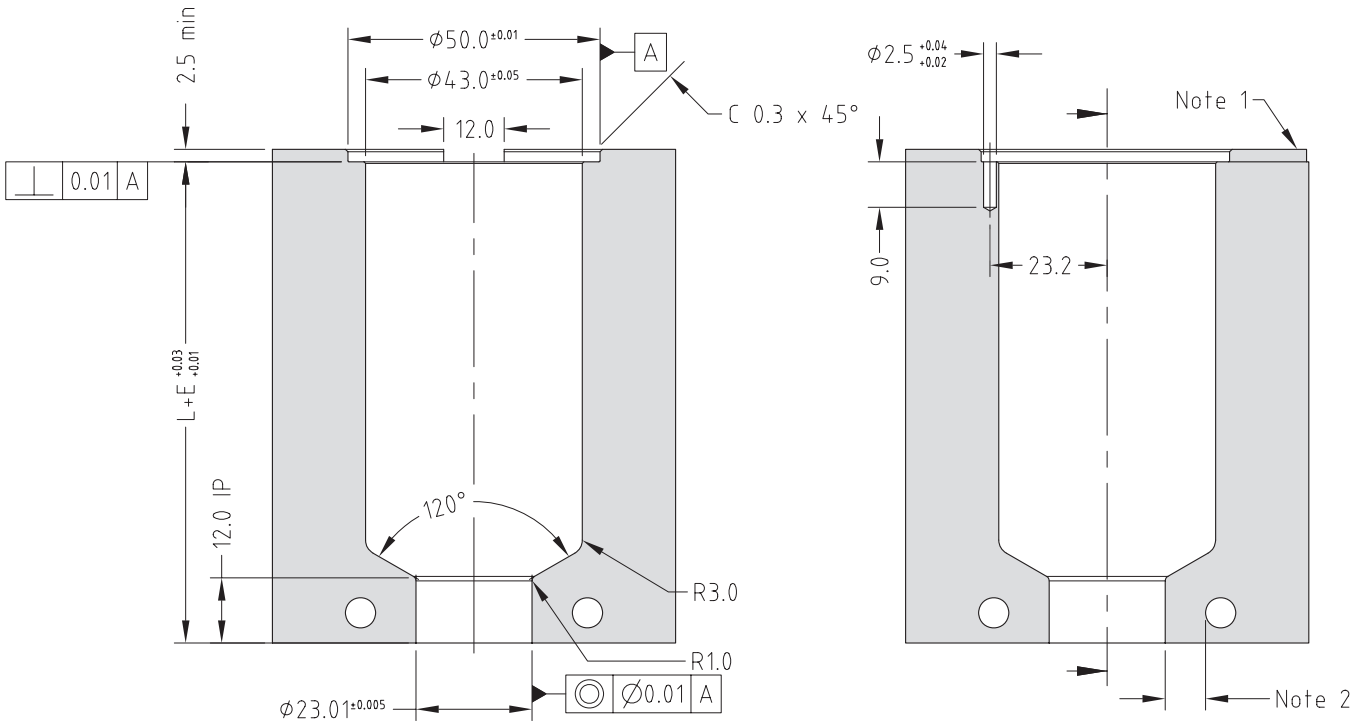
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTBN27075	SXIBN27075	SXOBN27075	75.2	0.20	0.25
SXTBN27095	SXIBN27095	SXOBN27095	95.2	0.25	0.31
SXTBN27115	SXIBN27115	SXOBN27115	115.2	0.30	0.38
SXTBN27145	SXIBN27145	SXOBN27145	145.2	0.38	0.48
SXTBN27175	SXIBN27175	SXOBN27175	175.2	0.46	0.58
SXTBN27225	SXIBN27225	SXOBN27225	225.2	0.60	0.74
SXTBN27275	SXIBN27275	SXOBN27275	275.2	0.73	0.91

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø2.0 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

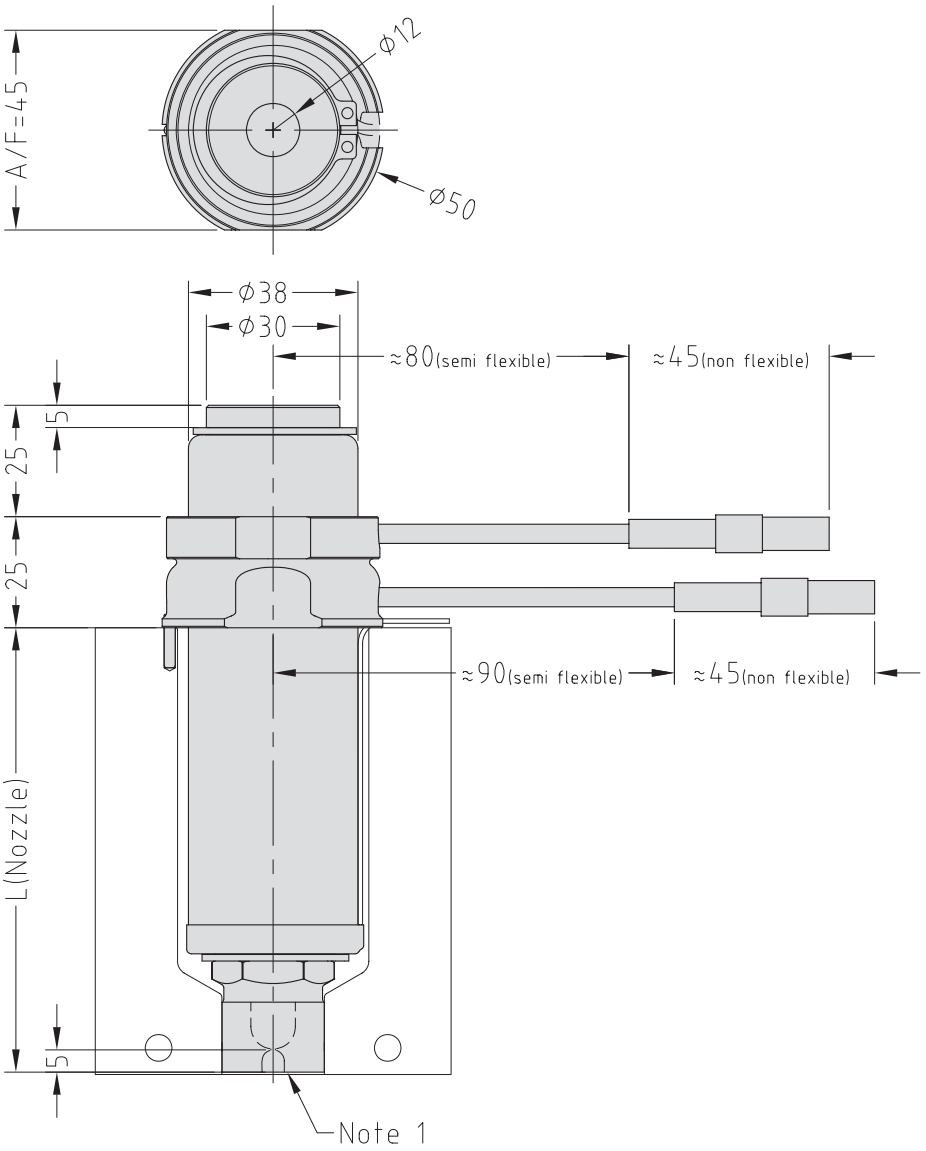
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓
Open Tip (X 27 OT)	✓	×	✓

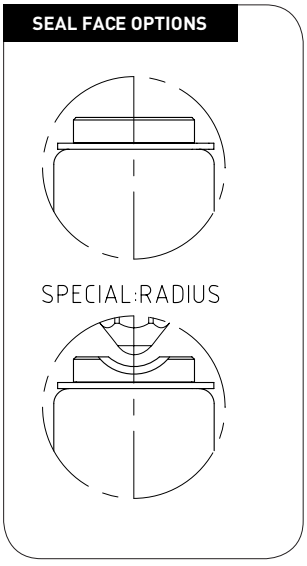
To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISN27175 G5)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 27 IT G5)

Nozzle Dimensions



SEAL FACE OPTIONS

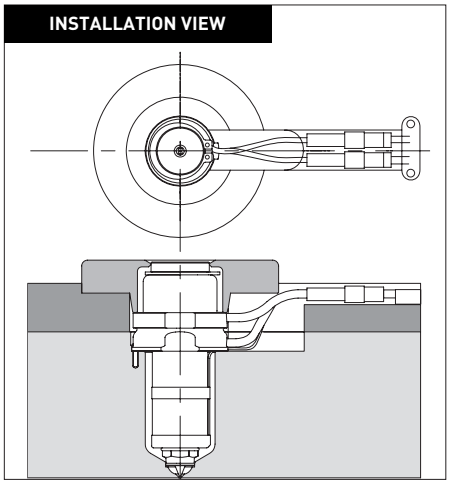


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

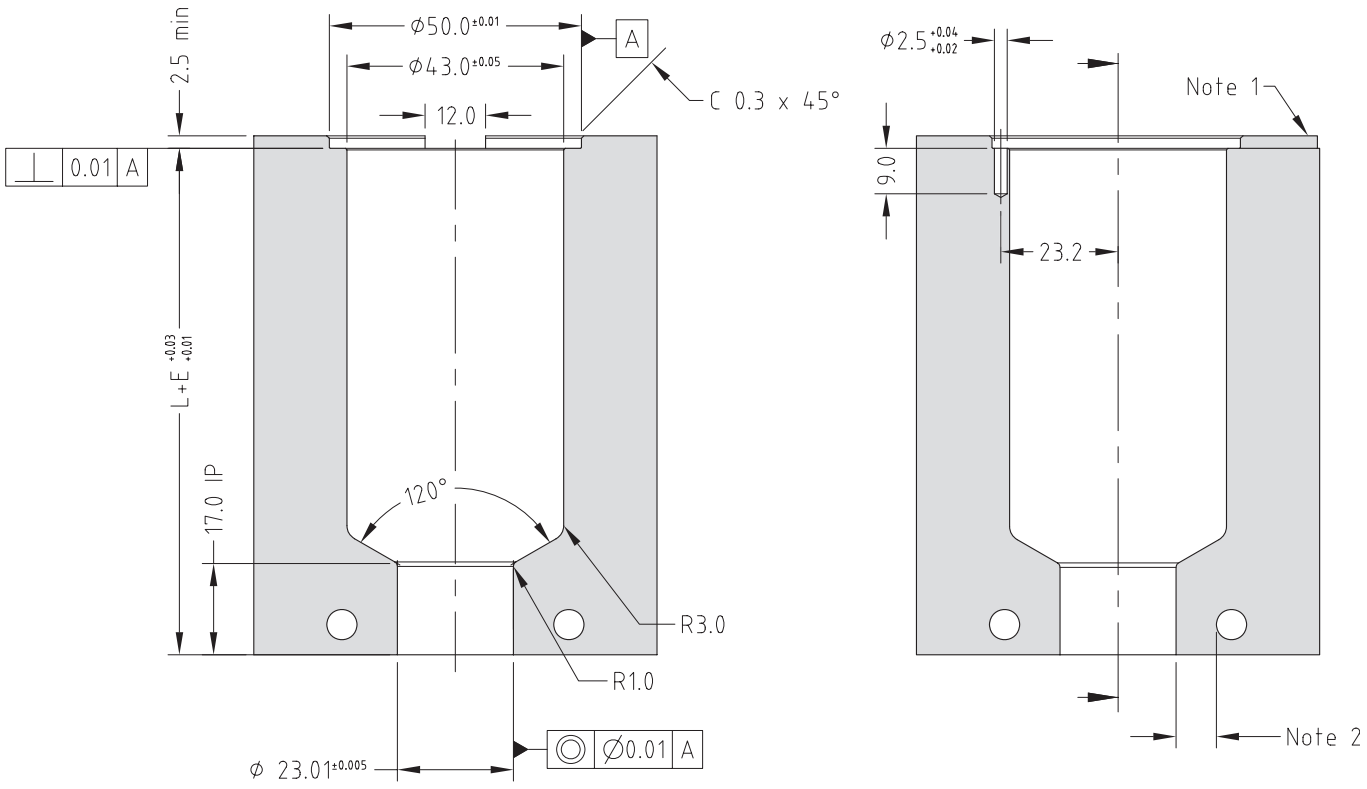
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	E@ΔT =200C	E@ΔT =250C
SXTSN27075	SXISN27075	SXOSN27075	80.2	0.21	0.26
SXTSN27095	SXISN27095	SXOSN27095	100.2	0.26	0.33
SXTSN27115	SXISN27115	SXOSN27115	120.2	0.32	0.40
SXTSN27145	SXISN27145	SXOSN27145	150.2	0.40	0.50
SXTSN27175	SXISN27175	SXOSN27175	180.2	0.48	0.59
SXTSN27225	SXISN27225	SXOSN27225	230.2	0.61	0.76
SXTSN27275	SXISN27275	SXOSN27275	280.2	0.74	0.93

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø2.0 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

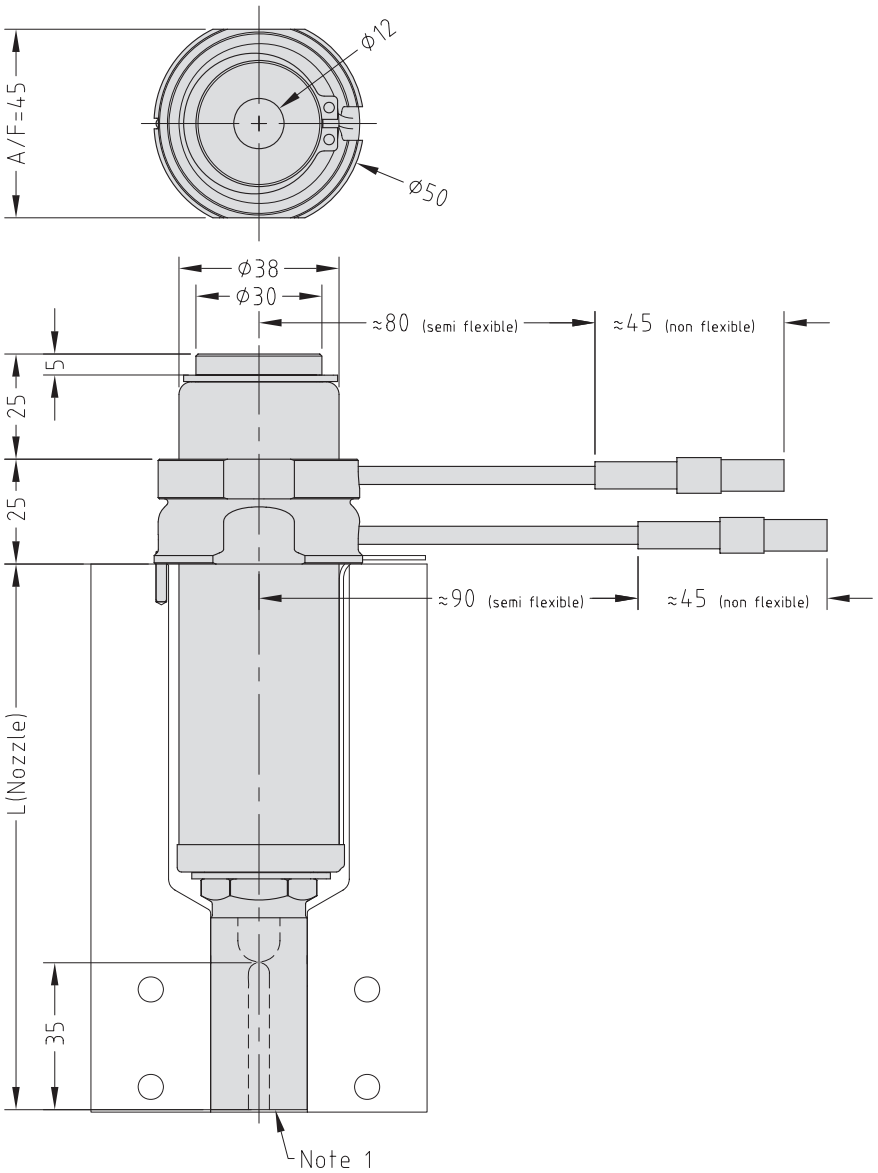
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓
Open Tip (X 27 OT)	✓	×	✓

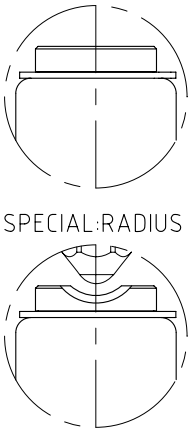
To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXISL27175 G5)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 27 IT G5)

Nozzle Dimensions



SEAL FACE OPTIONS

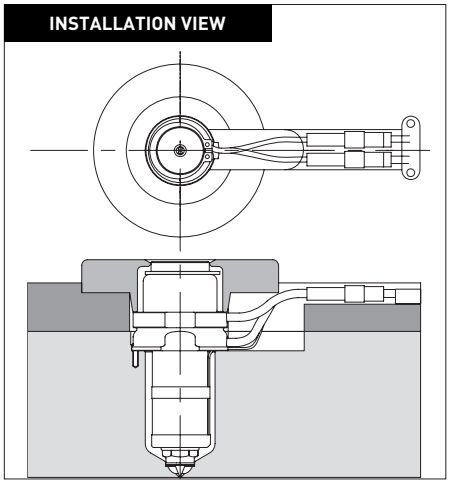


Note

1. Modify the contact area and the sprue nut to suit the application.

→ See Gate Modifications and Cooling sections in the Technical Specifications.

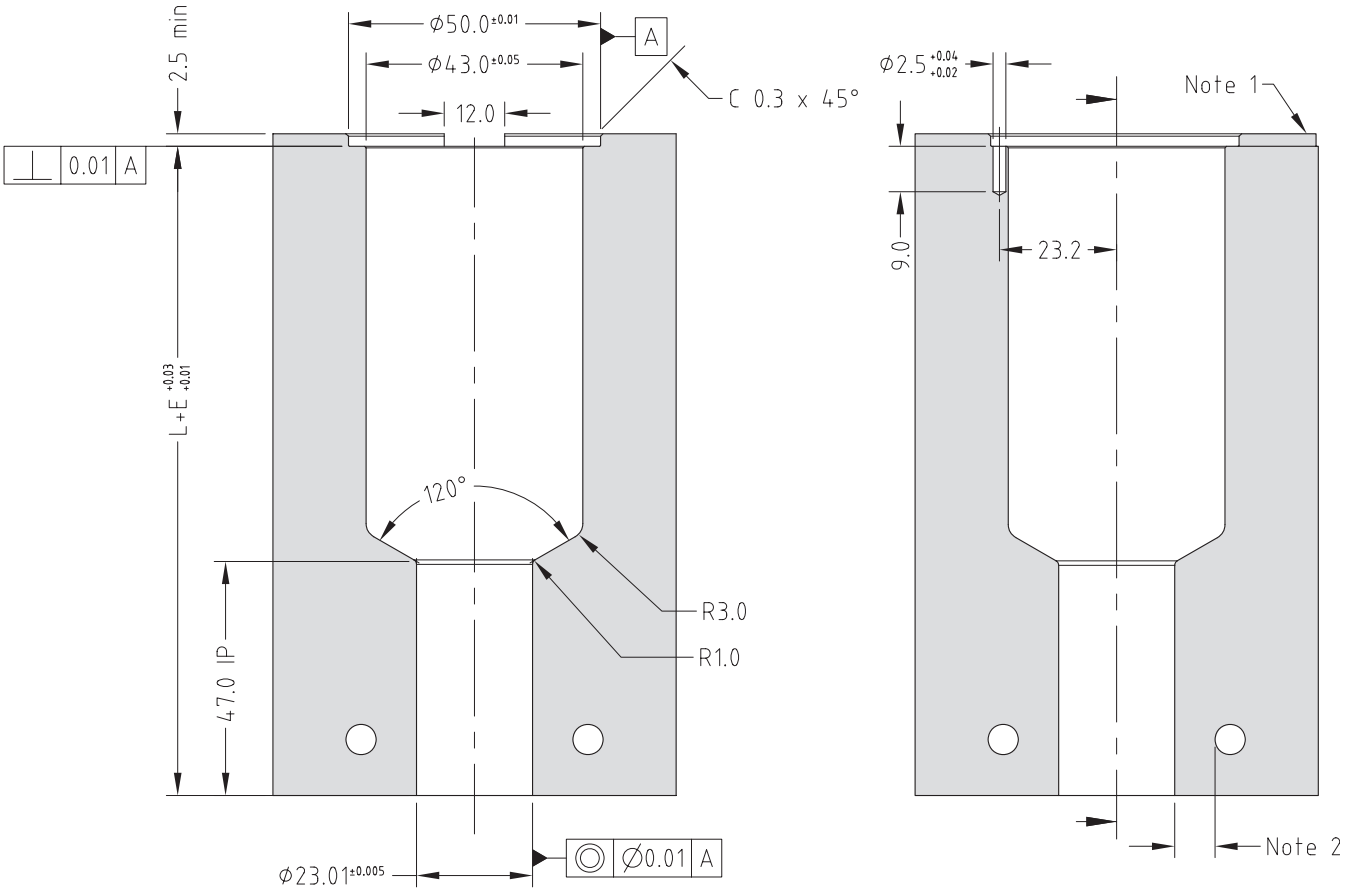
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	Open Tip Nozzle Code	L	EΔT =200C	EΔT =250C
SXTSL27075	SXISL27075	SXOSL27075	110.2	0.29	0.36
SXTSL27095	SXISL27095	SXOSL27095	130.2	0.34	0.43
SXTSL27115	SXISL27115	SXOSL27115	150.2	0.40	0.50
SXTSL27145	SXISL27145	SXOSL27145	180.2	0.48	0.59
SXTSL27175	SXISL27175	SXOSL27175	210.2	0.55	0.69
SXTSL27225	SXISL27225	SXOSL27225	260.2	0.69	0.86
SXTSL27275	SXISL27275	SXOSL27275	310.2	0.82	1.02

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)



Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. Supplied with Ø2.0 → See Gate Modifications in Technical Specifications.

* Minimum strength (σ_y) of nozzle plate 800MPa.

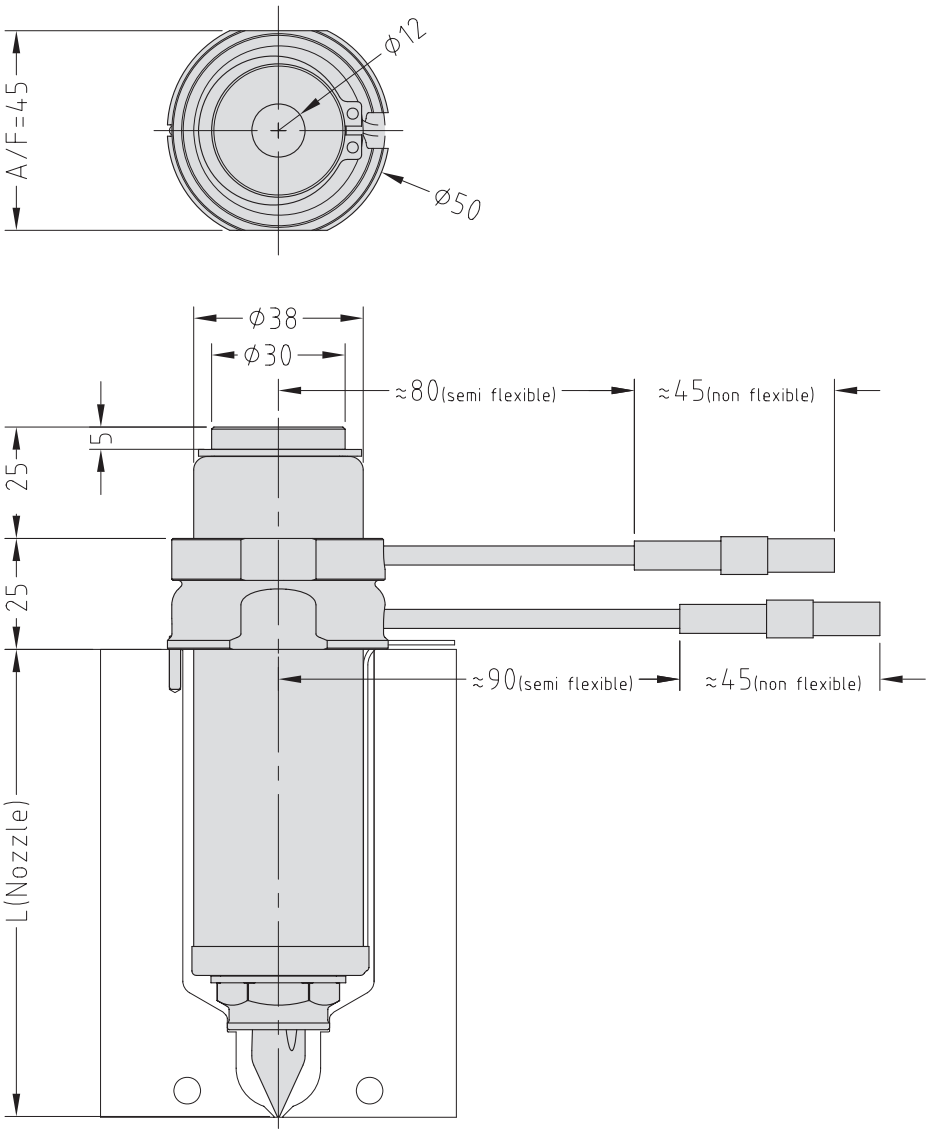
Tip and Material Grade Availability

Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 27 TT+10)	✓	✓	×
One-hole Torpedo Tip (X 27 IT+10)	✓	✓	×
Open Tip	×	×	✓

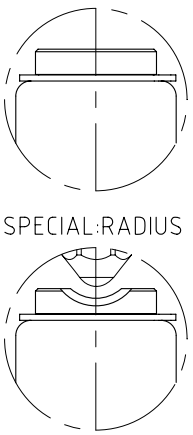
To order a nozzle assembly:
Provide the Nozzle Code + Grade
(Order example: SXIT27175+10 G2)

To order a tip:
Provide the Tip Code + Grade
(Order example: X 27 IT+10 G2)

Nozzle Dimensions

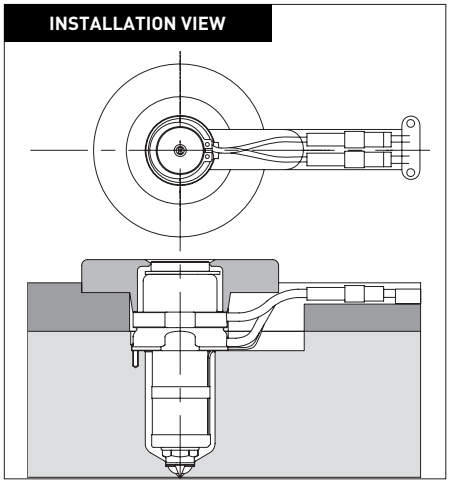


SEAL FACE OPTIONS



Note

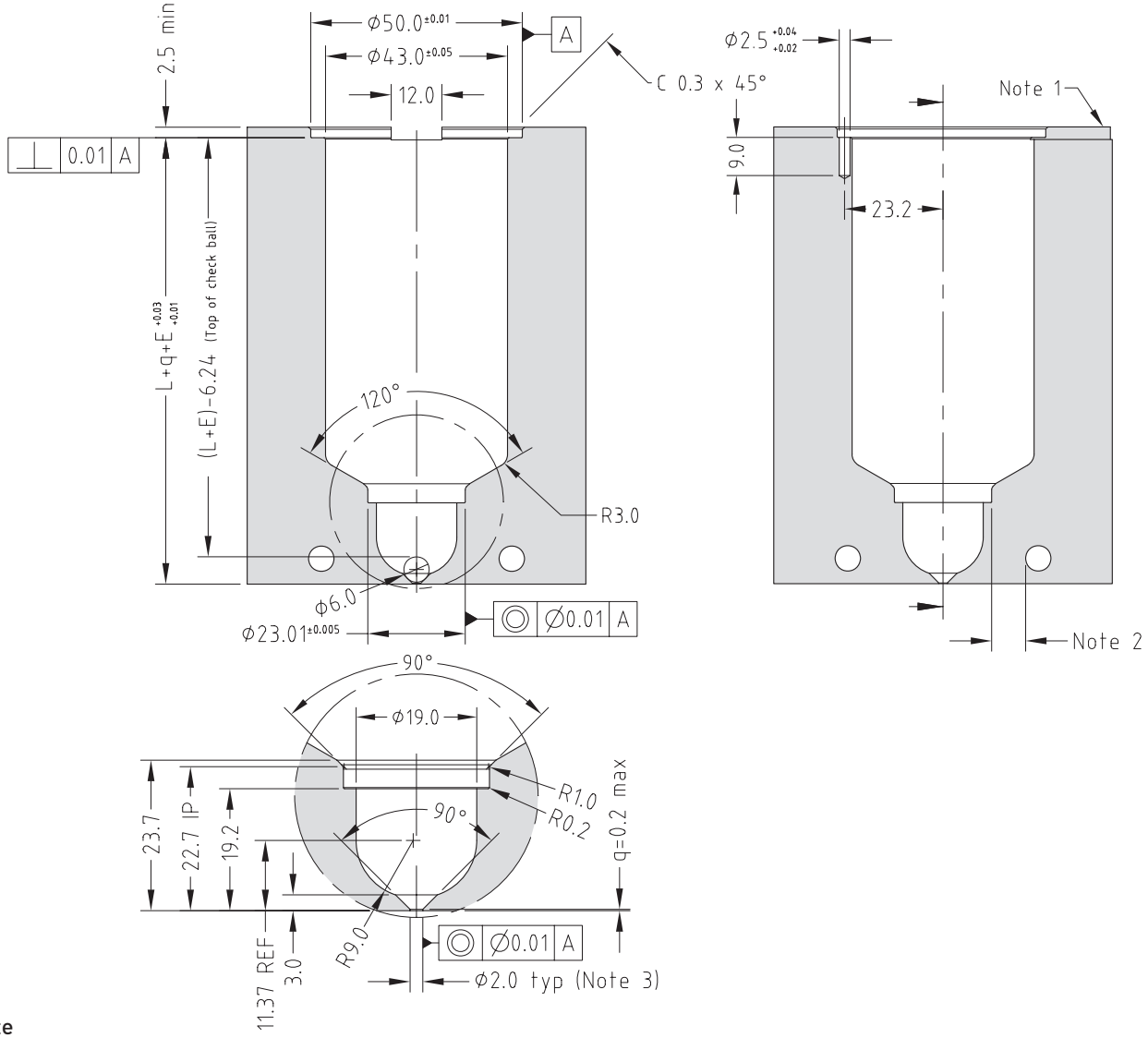
* Before restarting the nozzle remove any residue plastic from nozzle seal face to avoid damaging the nozzle.



Multi-Hole Torpedo Nozzle Code	One-hole Torpedo Nozzle Code	L	EQΔT =200C	EQΔT =250C
SXTT27075+10	SXIT27075+10	85	0.22	0.28
SXTT27095+10	SXIT27095+10	105	0.28	0.35
SXTT27115+10	SXIT27115+10	125	0.33	0.41
SXTT27145+10	SXIT27145+10	155	0.41	0.51
SXTT27175+10	SXIT27175+10	185	0.49	0.61
SXTT27225+10	SXIT27225+10	235	0.62	0.78
SXTT27275+10	SXIT27275+10	285	0.75	0.94

Nozzle Fitment and Gate Dimensions

E = L x 0.0000132 x (nozzle temp. ºC - mould temp. ºC)

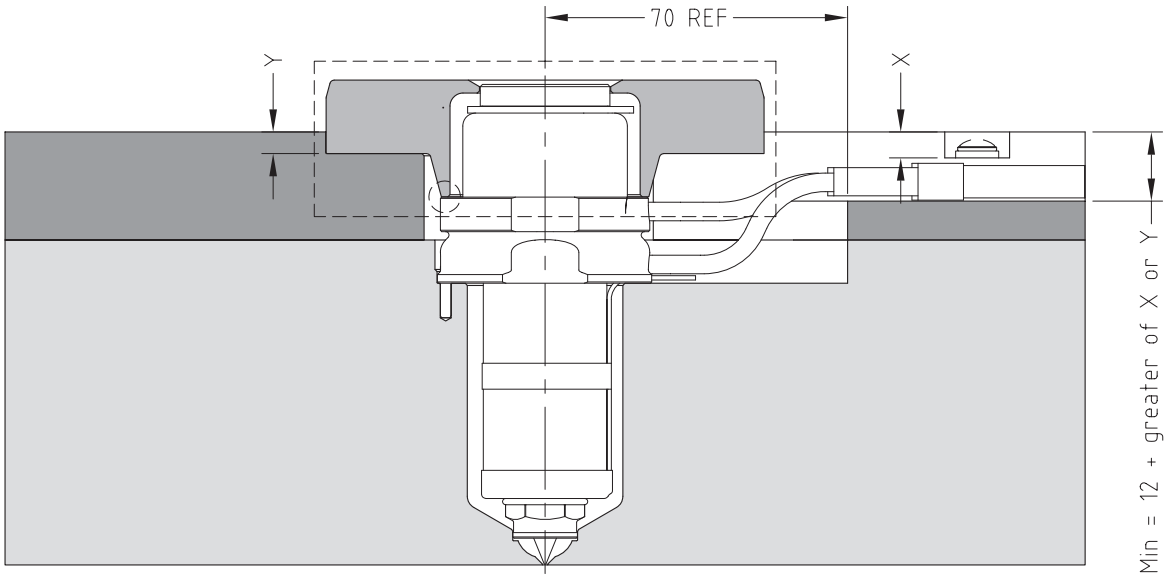


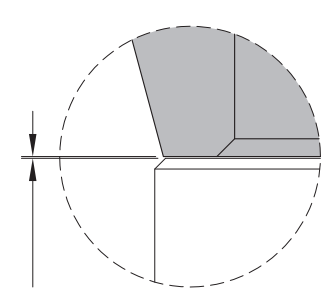
Note

1. Wire channel to suit mould.
2. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

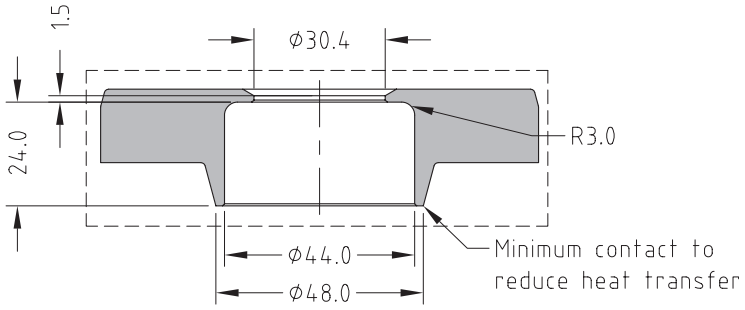
* Minimum strength (σ_y) of nozzle plate 800MPa.

Installation Details





0.05 Cold clearance
for expansion allowance



All other dimensions and details to suit mold design

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40-000-032 V1.03