mastip™
hot runner solutions

FlowLoc™ Range
TXTG16

www.mastip.com

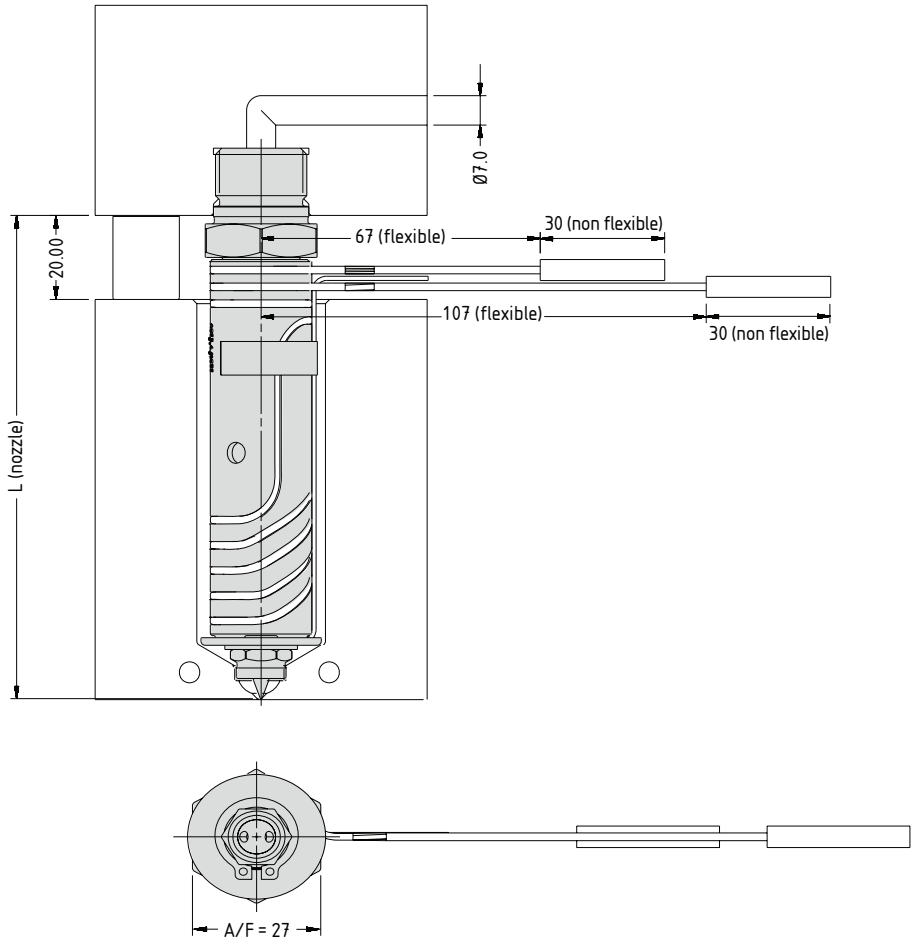
Tip Grade Availability

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

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems

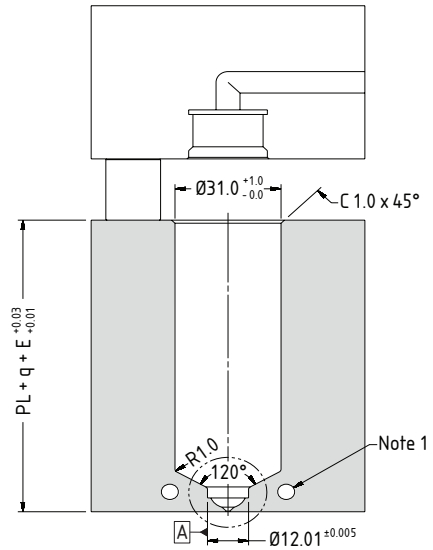


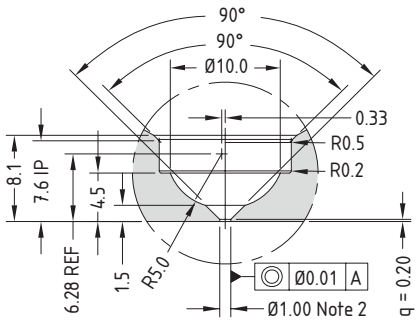
Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTT16075	TXIT16075	TXOT16075	75	55	0.16
TXTT16095	TXIT16095	TXOT16095	95	75	0.21
TXTT16115	TXIT16115	TXOT16115	115	95	0.26
TXTT16130	TXIT16130	TXOT16130	130	110	0.30
TXTT16145	TXIT16145	TXOT16145	145	125	0.34
TXTT16175	TXIT16175	TXOT16175	175	155	0.41

Longer nozzle lengths available on request
Maximum length: 300mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)





Note

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

Tip and Nut Material Grade Availability

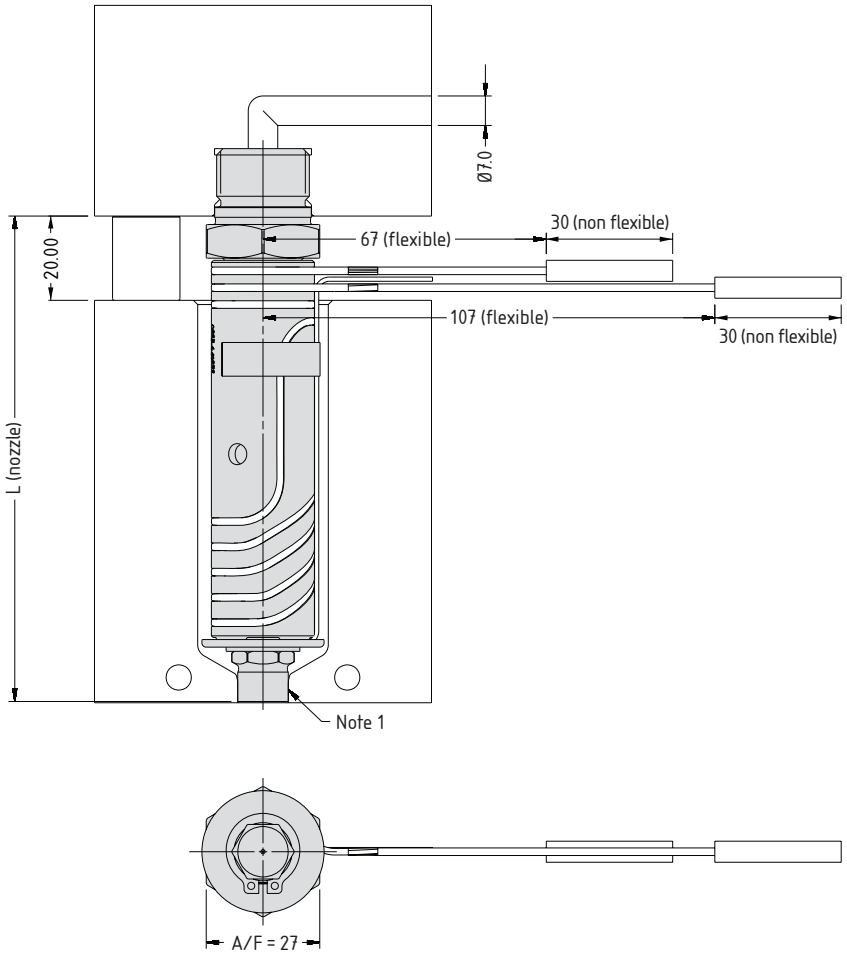
	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 16 TT)	✓	✓	✓	×
One-hole Torpedo Tip (X 16 IT)	✓	✓	✓	×
Open Tip (X 16 OT)	✓	×	✓	×

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

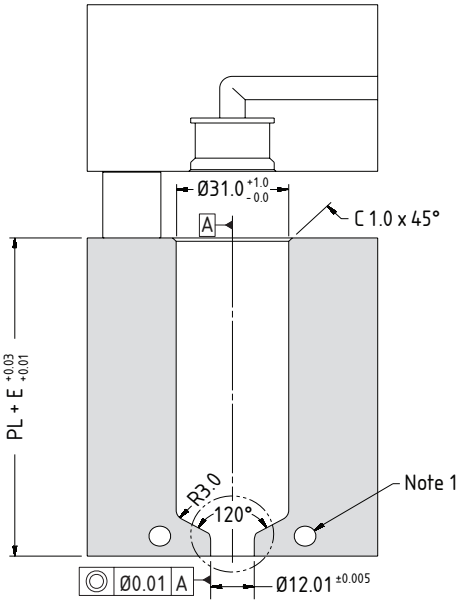
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

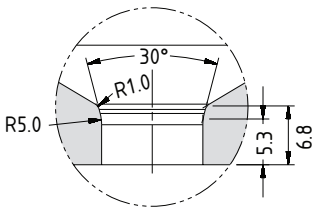
Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTBE16075	TXIBE16075	TXOBE16075	75.2	55.2	0.16
TXTBE16095	TXIBE16095	TXOBE16095	95.2	75.2	0.21
TXTBE16115	TXIBE16115	TXOBE16115	115.2	95.2	0.26
TXTBE16130	TXIBE16130	TXOBE16130	130.2	110.2	0.30
TXTBE16145	TXIBE16145	TXOBE16145	145.2	125.2	0.34
TXTBE16175	TXIBE16175	TXOBE16175	175.2	155.2	0.41

*Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)





Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

Tip and Nut Material Grade Availability

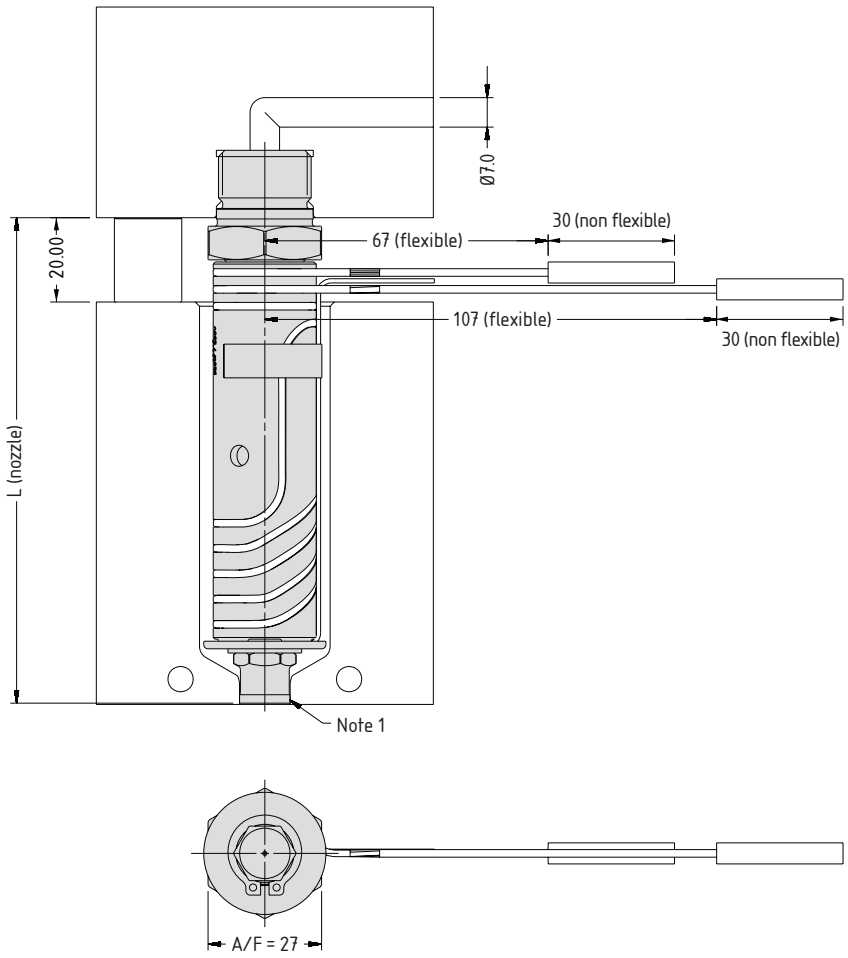
	Tip and Nut Grade			
Tip (Code)	**G1/H1***	**G2/H1***	**G5/H1***	**G5/H5**
Multi-hole Torpedo Tip (X 16 TT)	✓	✓	✓	✓
One-hole Torpedo Tip (X 16 IT)	✓	✓	✓	✓
Open Tip (X 16 OT)	✓	×	✓	✓

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

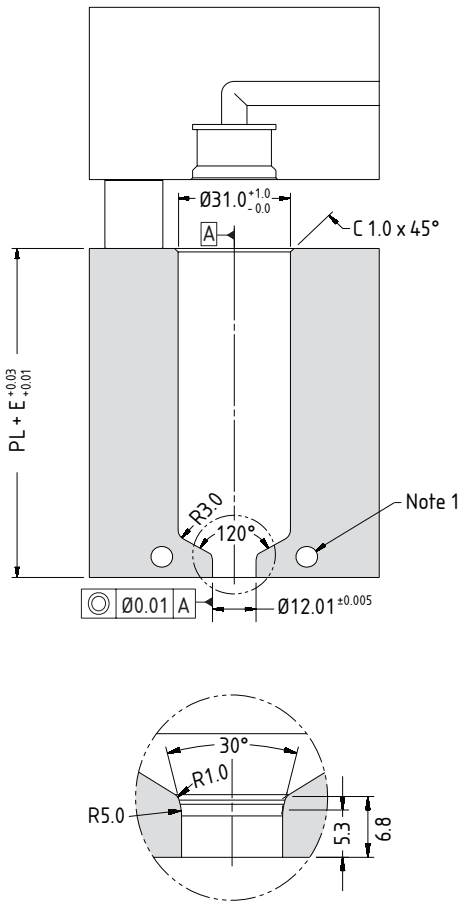
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTBN16075	TXIBN16075	TXOBN16075	75.2	55.2	0.16
TXTBN16095	TXIBN16095	TXOBN16095	95.2	75.2	0.21
TXTBN16115	TXIBN16115	TXOBN16115	115.2	95.2	0.26
TXTBN16130	TXIBN16130	TXOBN16130	130.2	110.2	0.30
TXTBN16145	TXIBN16145	TXOBN16145	145.2	125.2	0.34
TXTBN16175	TXIBN16175	TXOBN16175	175.2	155.2	0.41

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

Tip and Nut Material Grade Availability

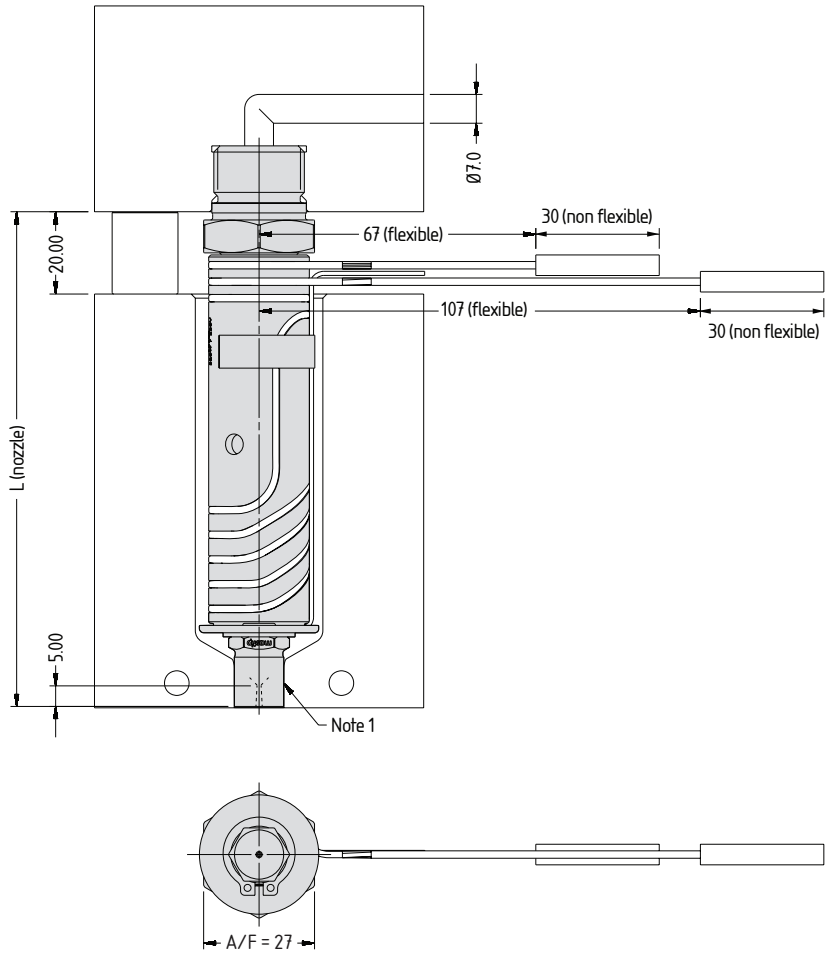
	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 16 TT)	✓	✓	✓	✓
One-hole Torpedo Tip (X 16 IT)	✓	✓	✓	✓
Open Tip (X 16 OT)	✓	×	✓	✓

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

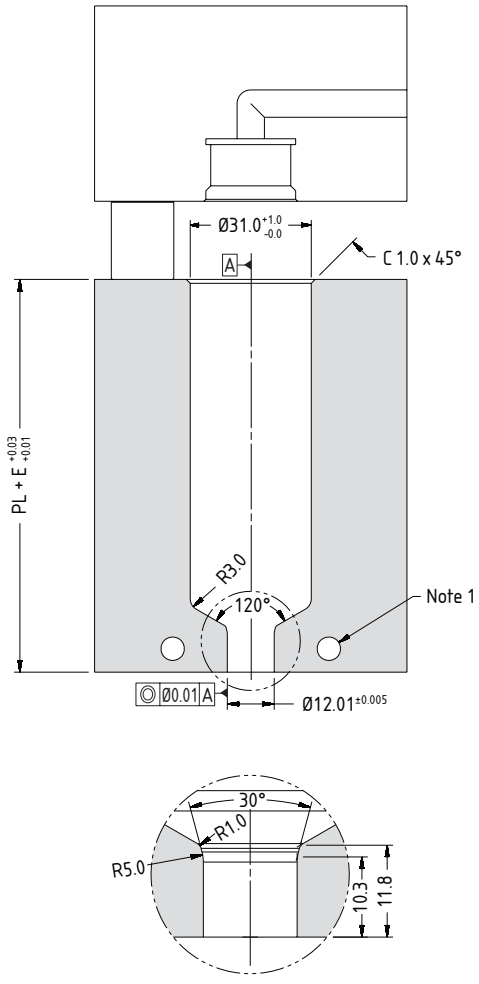
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTSN16075	TXISN16075	TXOSN16075	80.2	60.2	0.18
TXTSN16095	TXISN16095	TXOSN16095	100.2	80.2	0.23
TXTSN16115	TXISN16115	TXOSN16115	120.2	100.2	0.28
TXTSN16130	TXISN16130	TXOSN16130	135.2	115.2	0.31
TXTSN16145	TXISN16145	TXOSN16145	150.2	130.2	0.35
TXTSN16175	TXISN16175	TXOSN16175	180.2	160.2	0.43

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

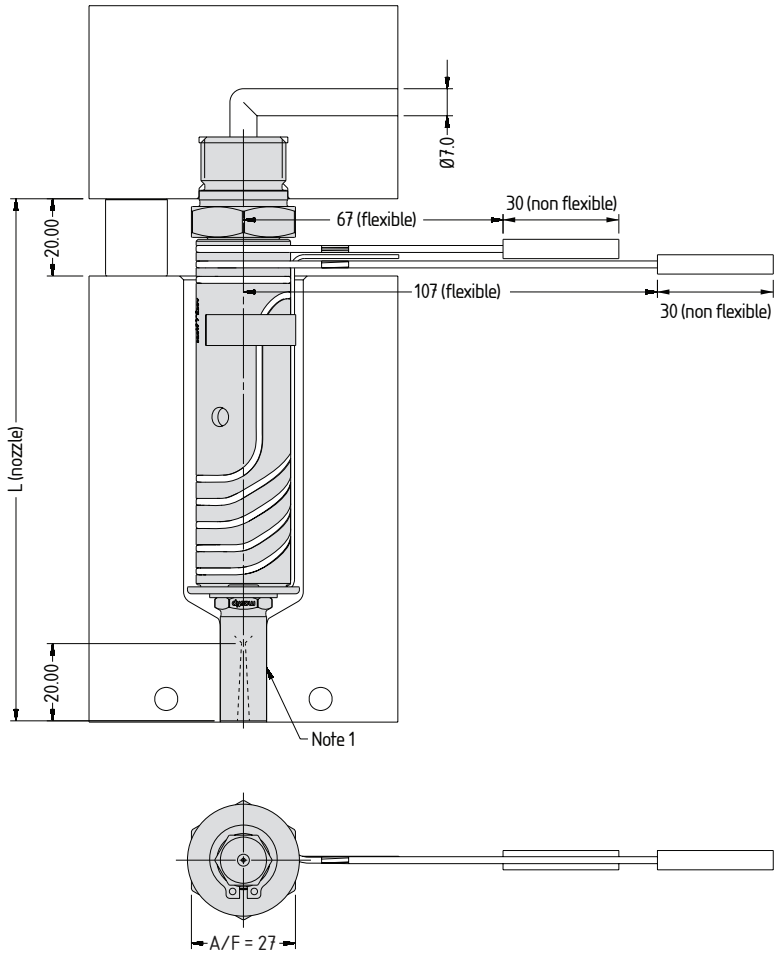
Tip Grade Availability

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

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

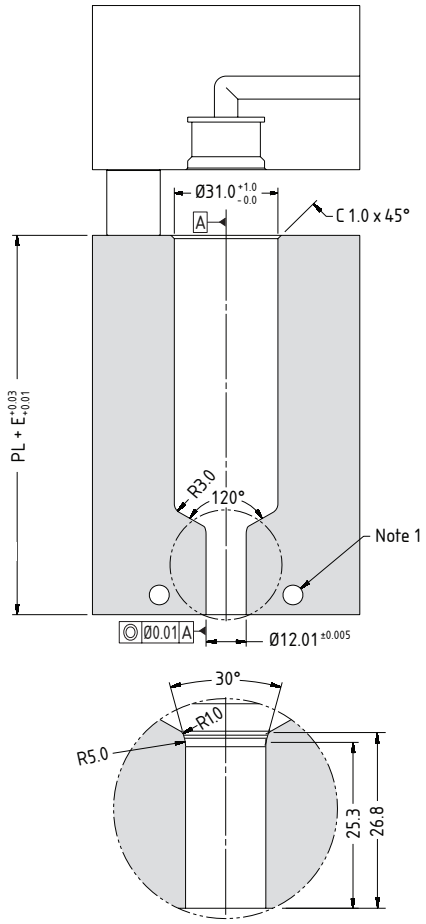
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTSX16075	TXISX16075	TXOSX16075	95.2	75.2	0.21
TXTSX16095	TXISX16095	TXOSX16095	115.2	95.2	0.26
TXTSX16115	TXISX16115	TXOSX16115	135.2	115.2	0.31
TXTSX16130	TXISX16130	TXOSX16130	150.2	130.2	0.35
TXTSX16145	TXISX16145	TXOSX16145	165.2	145.2	0.39
TXTSX16175	TXISX16175	TXOSX16175	195.2	175.2	0.46

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

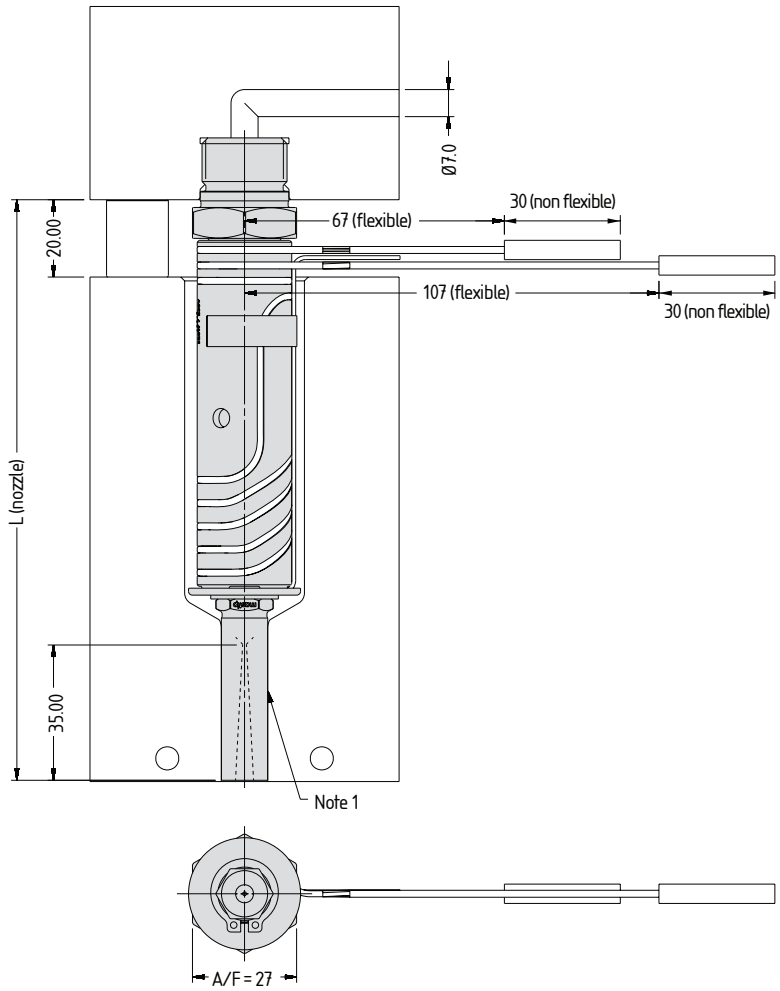
Tip Grade Availability

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

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

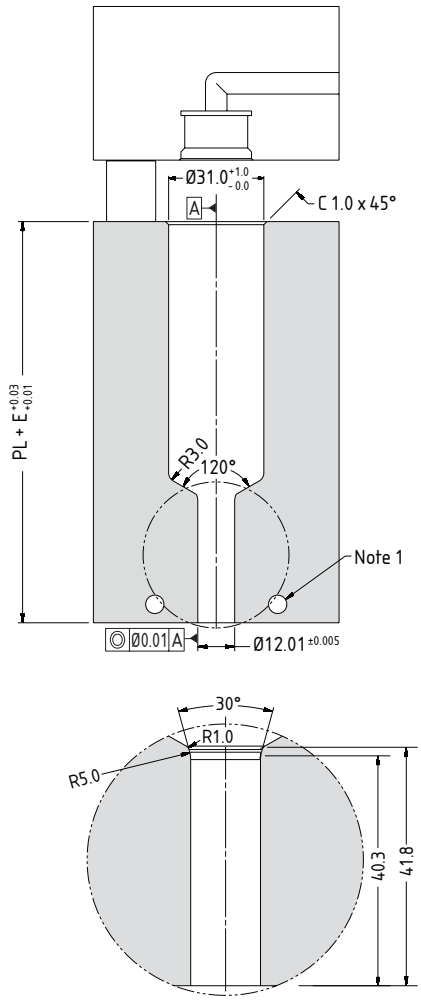
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTSL16075	TXISL16075	TXOSL16075	110.2	90.2	0.25
TXTSL16095	TXISL16095	TXOSL16095	130.2	110.2	0.30
TXTSL16115	TXISL16115	TXOSL16115	150.2	130.2	0.35
TXTSL16130	TXISL16130	TXOSL16130	165.2	145.2	0.39
TXTSL16145	TXISL16145	TXOSL16145	180.2	160.2	0.43
TXTSL16175	TXISL16175	TXOSL16175	210.2	190.2	0.50

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

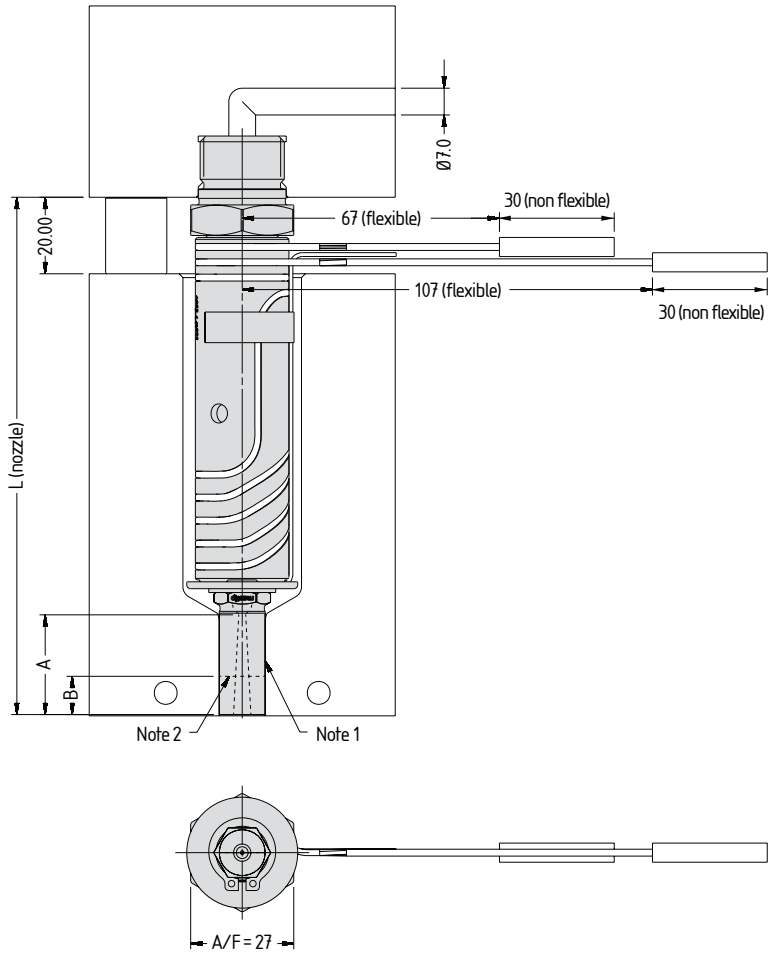
Nozzle Dimensions

Style	A	B
P7	26	Contact Mastip
P4	29	
N3	36	

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

1. Modify the contact area of the YCN nut to suit the application.
2. Contact Mastip to reduce the length (B) of the YCN nut.

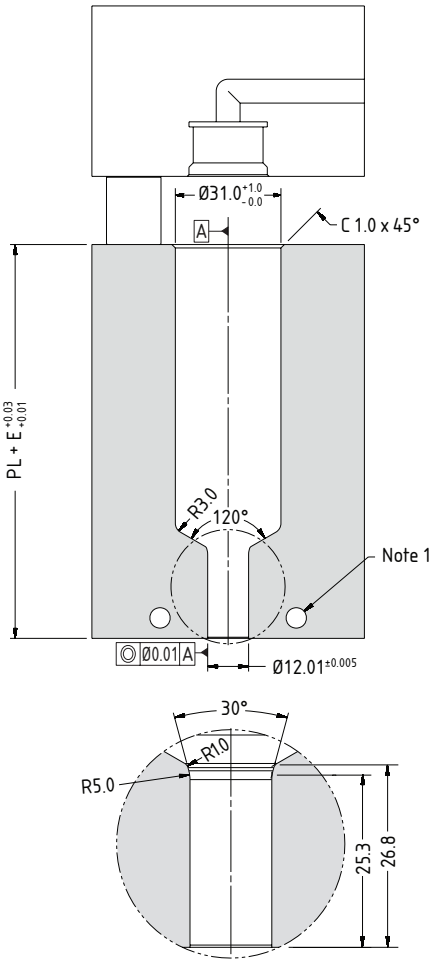
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

P7 Gate Profile Nozzle Code	P4 Gate Profile Nozzle Code	N3 Gate Profile Nozzle Code	L	PL	E@ΔT =200°C
TXYCN16075	TXYCN16075	TXYCN16075	95.2	75.2	0.21
TXYCN16095	TXYCN16095	TXYCN16095	115.2	95.2	0.26
TXYCN16115	TXYCN16115	TXYCN16115	135.2	115.2	0.31
TXYCN16130	TXYCN16130	TXYCN16130	150.2	130.2	0.35
TXYCN16145	TXYCN16145	TXYCN16145	165.2	145.2	0.39
TXYCN16175	TXYCN16175	TXYCN16175	195.2	175.2	0.46

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

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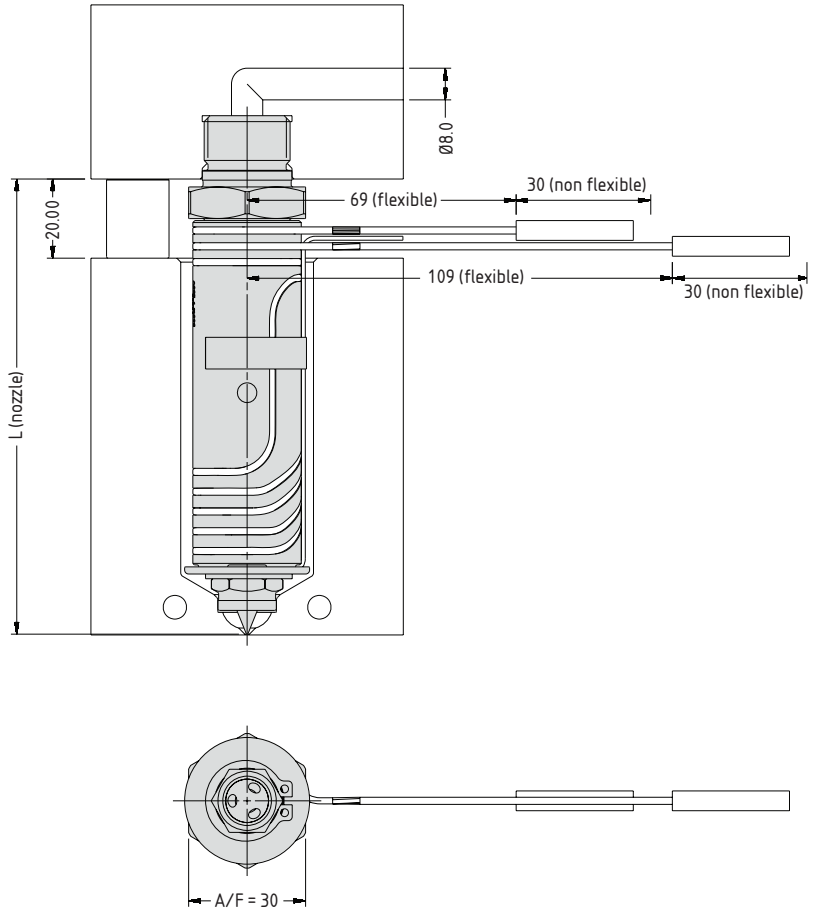
Tip Grade Availability

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

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems

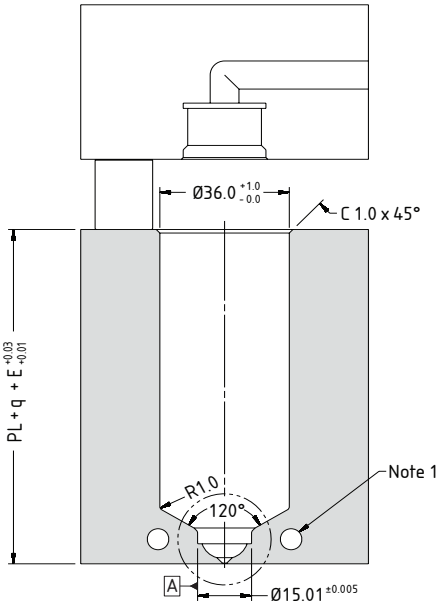


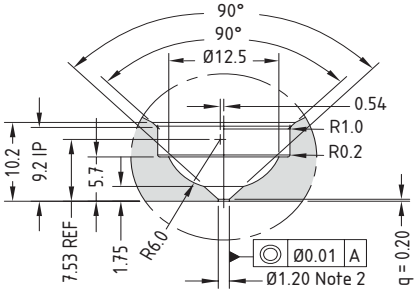
Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTT19075	TXIT19075	TXOT19075	75	55	0.16
TXTT19095	TXIT19095	TXOT19095	95	75	0.21
TXTT19115	TXIT19115	TXOT19115	115	95	0.26
TXTT19130	TXIT19130	TXOT19130	130	110	0.30
TXTT19145	TXIT19145	TXOT19145	145	125	0.34
TXTT19175	TXIT19175	TXOT19175	175	155	0.41

Longer nozzle lengths available on request
Maximum length: 400mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)





Note

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

Tip and Nut Material Grade Availability

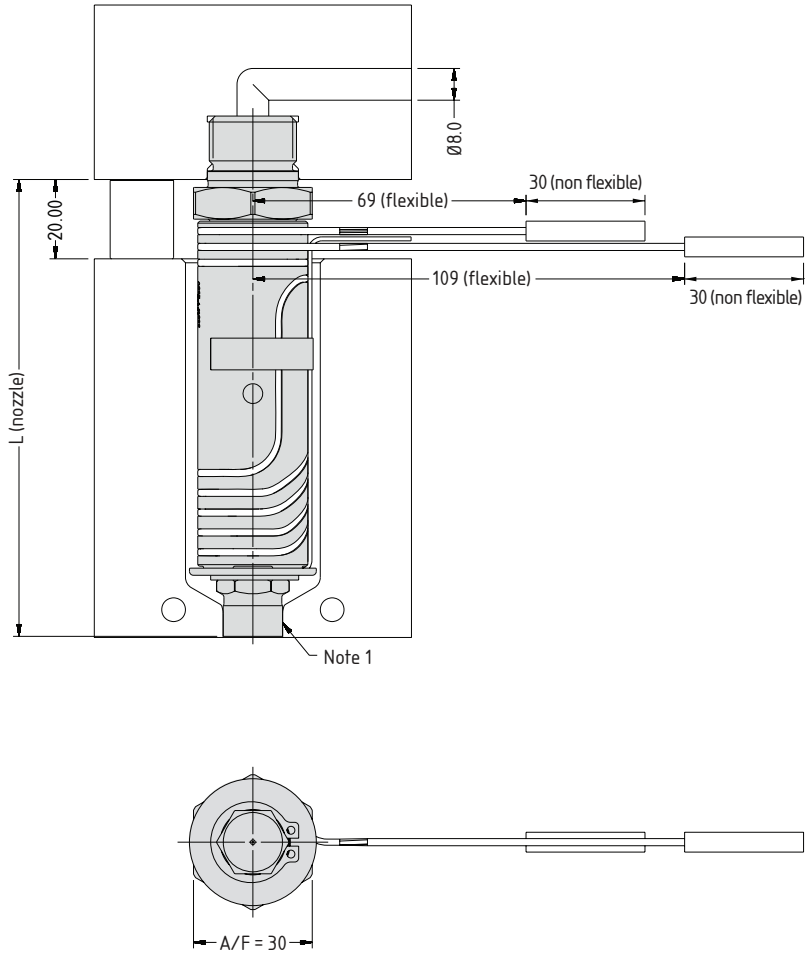
	Tip and Nut Grade			
Tip (Code)	**G1/H1***	**G2/H1***	**G5/H1***	**G5/H5**
Multi-hole Torpedo Tip (X 19 TT)	✓	✓	✓	×
One-hole Torpedo Tip (X 19 IT)	✓	✓	✓	×
Open Tip (X 19 OT)	✓	×	✓	×

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

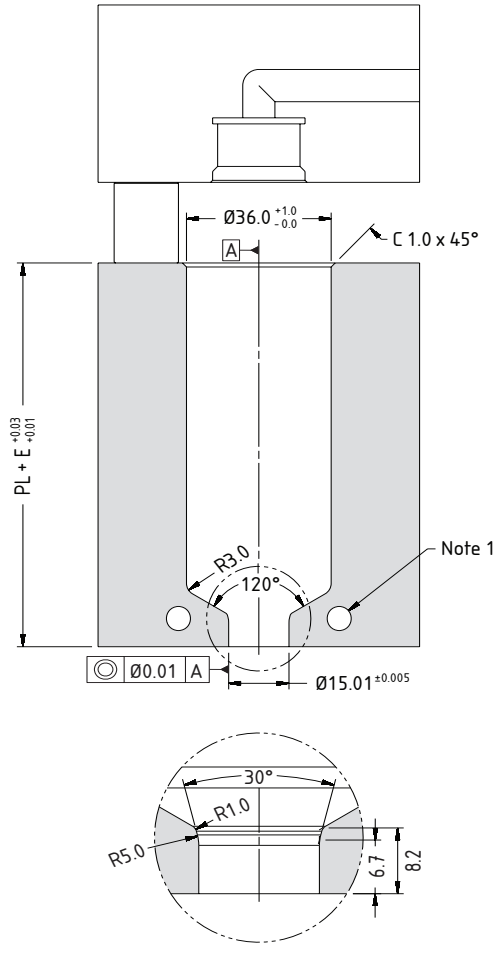
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTBE19075	TXIBE19075	TXOBE19075	75.2	55.2	0.16
TXTBE19095	TXIBE19095	TXOBE19095	95.2	75.2	0.21
TXTBE19115	TXIBE19115	TXOBE19115	115.2	95.2	0.26
TXTBE19130	TXIBE19130	TXOBE19130	130.2	110.2	0.30
TXTBE19145	TXIBE19145	TXOBE19145	145.2	125.2	0.34
TXTBE19175	TXIBE19175	TXOBE19175	175.2	155.2	0.41

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

Tip and Nut Material Grade Availability

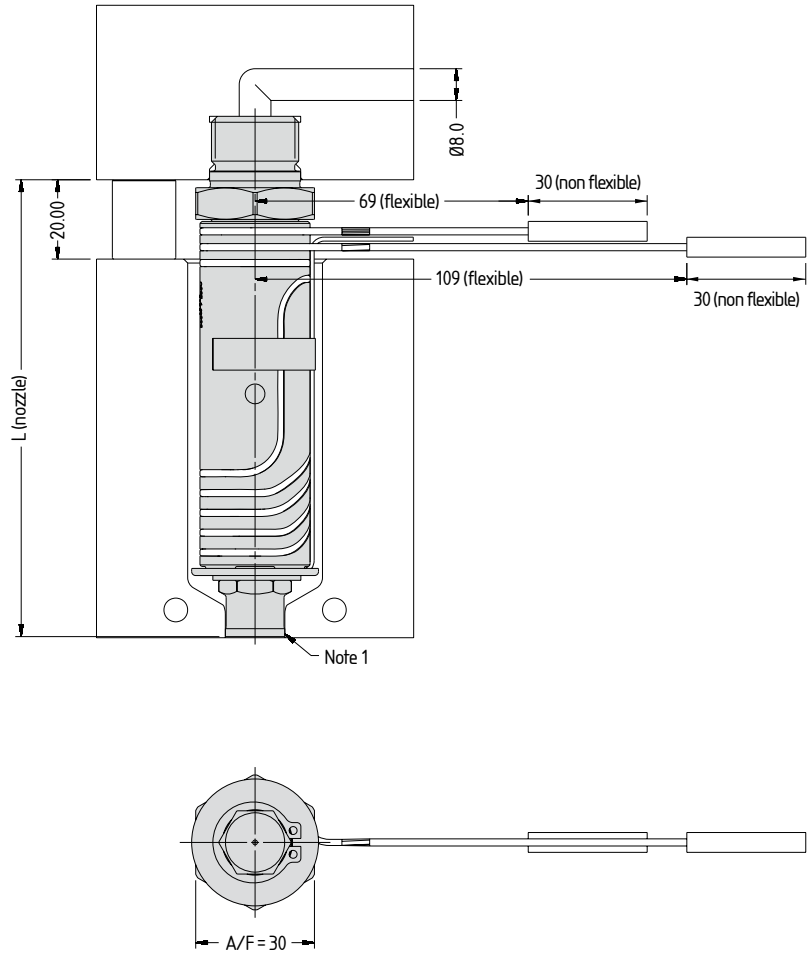
	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 19 TT)	✓	✓	✓	✓
One-hole Torpedo Tip (X 19 IT)	✓	✓	✓	✓
Open Tip (X 19 OT)	✓	×	✓	✓

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

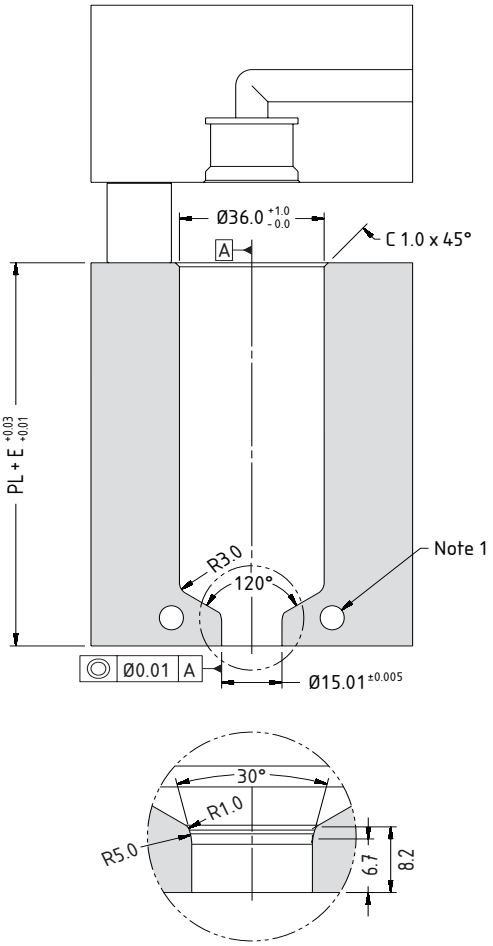
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTBN19075	TXIBN19075	TXOBN19075	75.2	55.2	0.16
TXTBN19095	TXIBN19095	TXOBN19095	95.2	75.2	0.21
TXTBN19115	TXIBN19115	TXOBN19115	115.2	95.2	0.26
TXTBN19130	TXIBN19130	TXOBN19130	130.2	110.2	0.30
TXTBN19145	TXIBN19145	TXOBN19145	145.2	125.2	0.34
TXTBN19175	TXIBN19175	TXOBN19175	175.2	155.2	0.41

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

Tip and Nut Material Grade Availability

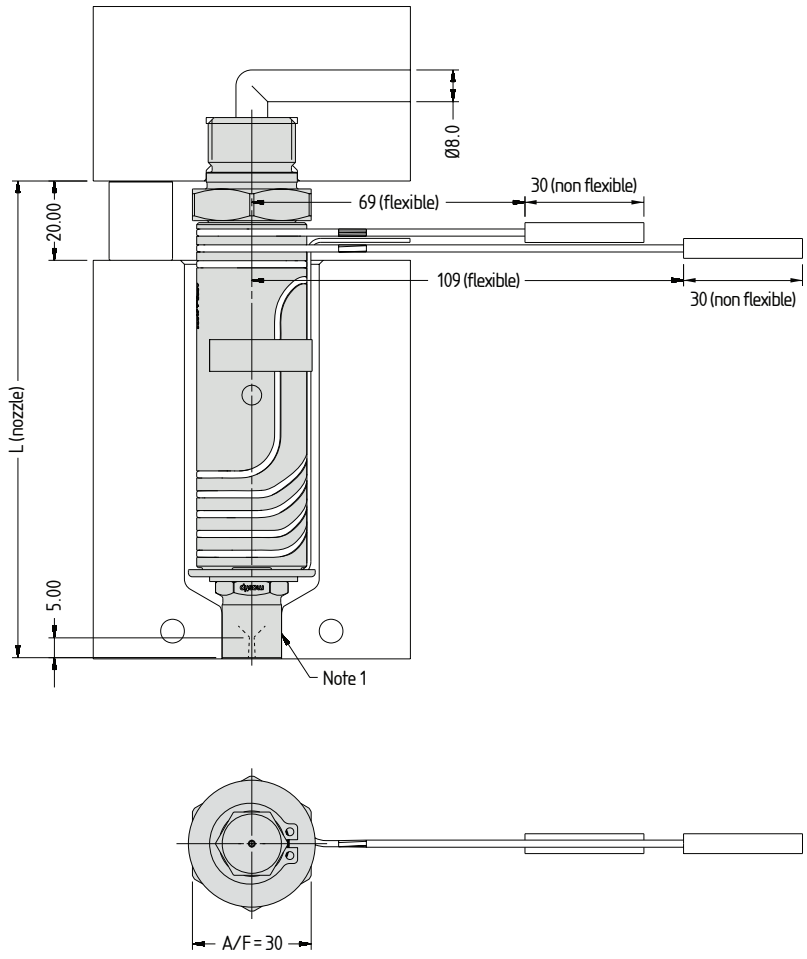
	Tip and Nut Grade			
Tip (Code)	**G1/H1***	**G2/H1***	**G5/H1***	**G5/H5**
Multi-hole Torpedo Tip (X 19 TT)	✓	✓	✓	✓
One-hole Torpedo Tip (X 19 IT)	✓	✓	✓	✓
Open Tip (X 19 OT)	✓	×	✓	✓

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

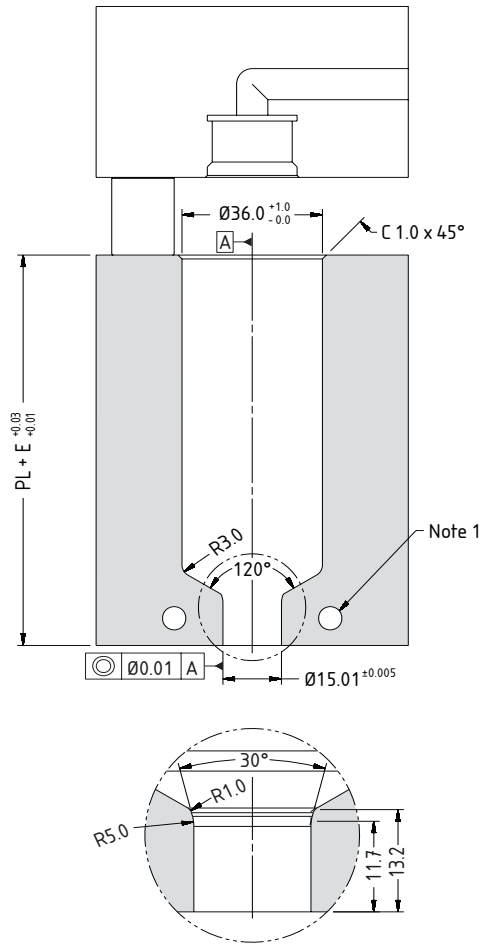
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTSN19075	TXISN19075	TXOSN19075	80.2	60.2	0.18
TXTSN19095	TXISN19095	TXOSN19095	100.2	80.2	0.23
TXTSN19115	TXISN19115	TXOSN19115	120.2	100.2	0.28
TXTSN19130	TXISN19130	TXOSN19130	135.2	115.2	0.31
TXTSN19145	TXISN19145	TXOSN19145	150.2	130.2	0.35
TXTSN19175	TXISN19175	TXOSN19175	180.2	160.2	0.43

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

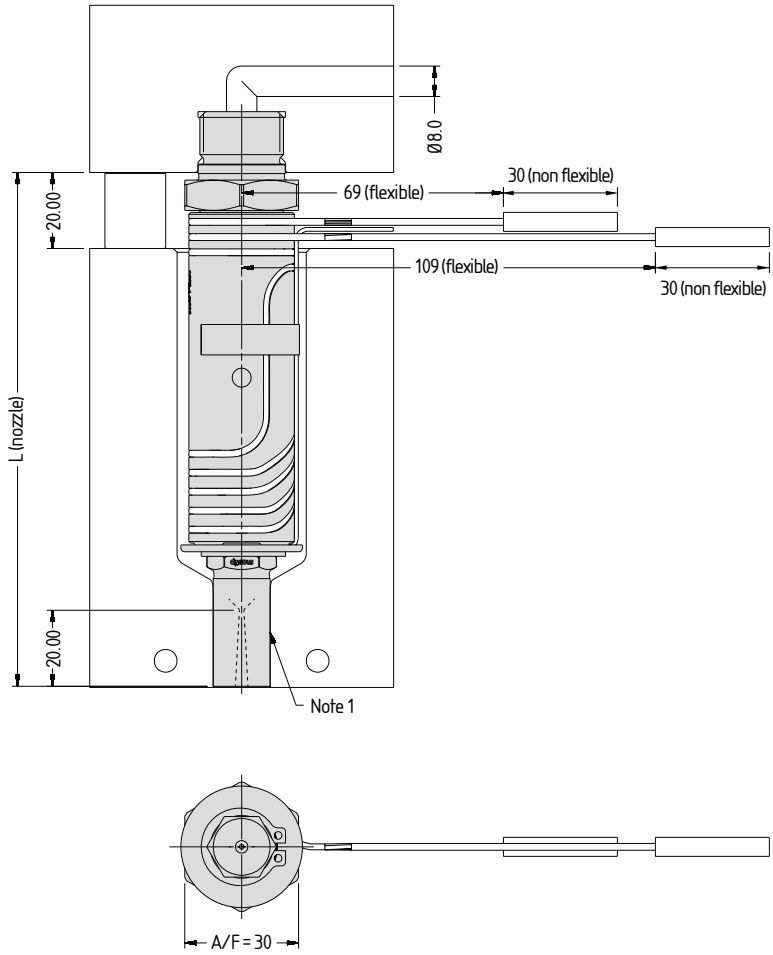
Tip Grade Availability

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

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

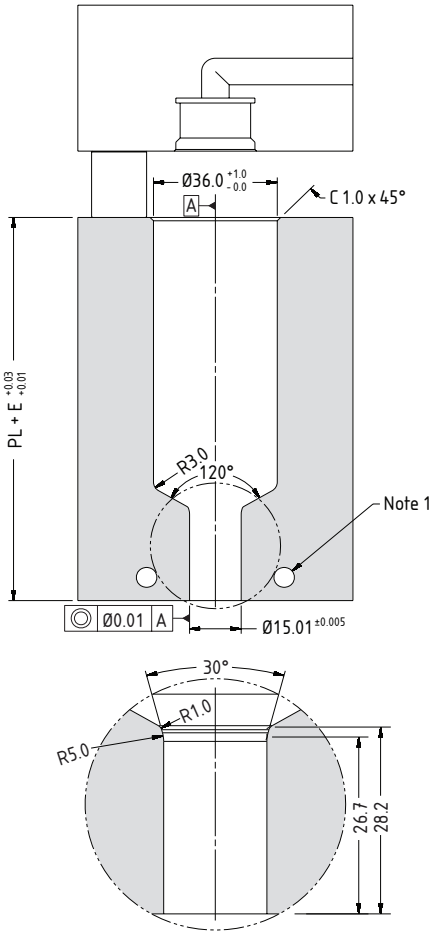
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTSX19075	TXISX19075	TXOSX19075	95.2	75.2	0.21
TXTSX19095	TXISX19095	TXOSX19095	115.2	95.2	0.26
TXTSX19115	TXISX19115	TXOSX19115	135.2	115.2	0.31
TXTSX19130	TXISX19130	TXOSX19130	150.2	130.2	0.35
TXTSX19145	TXISX19145	TXOSX19145	165.2	145.2	0.39
TXTSX19175	TXISX19175	TXOSX19175	195.2	175.2	0.46

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

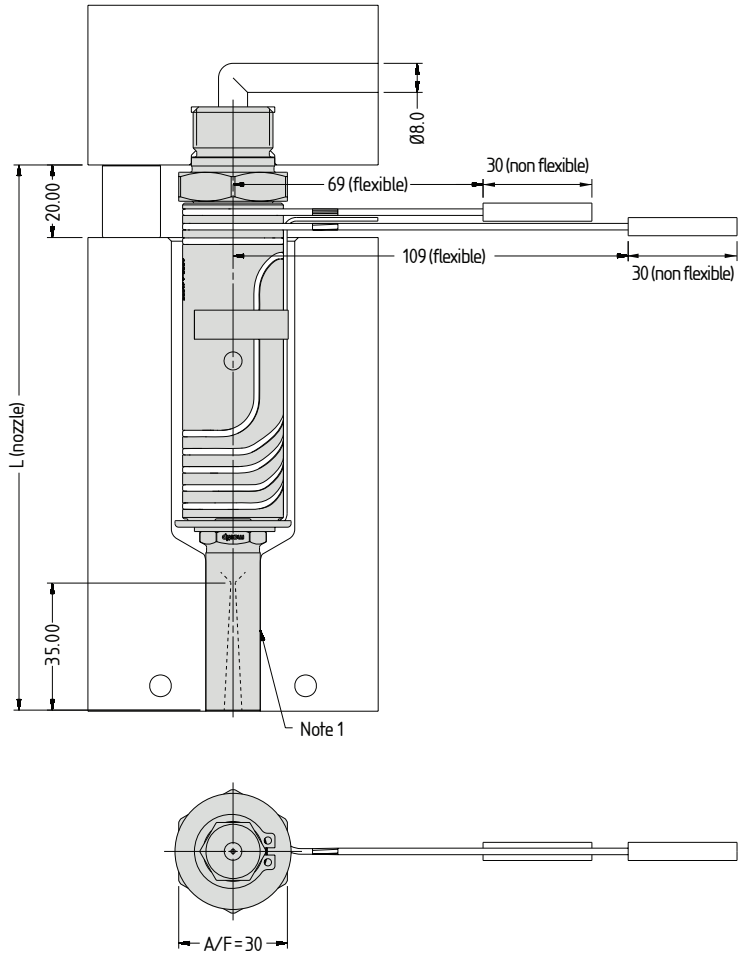
Tip Grade Availability

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

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

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

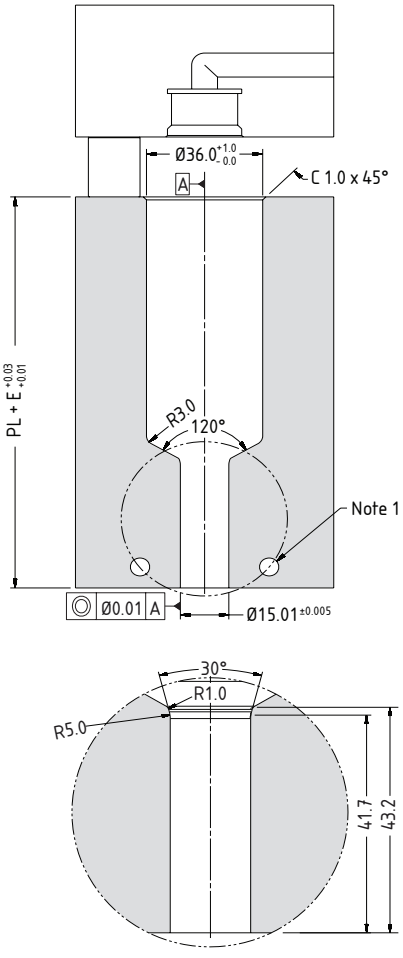
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTSL19075	TXISL19075	TXOSL19075	110.2	90.2	0.25
TXTSL19095	TXISL19095	TXOSL19095	130.2	110.2	0.30
TXTSL19115	TXISL19115	TXOSL19115	150.2	130.2	0.35
TXTSL19130	TXISL19130	TXOSL19130	165.2	145.2	0.39
TXTSL19145	TXISL19145	TXOSL19145	180.2	160.2	0.43
TXTSL19175	TXISL19175	TXOSL19175	210.2	190.2	0.50

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

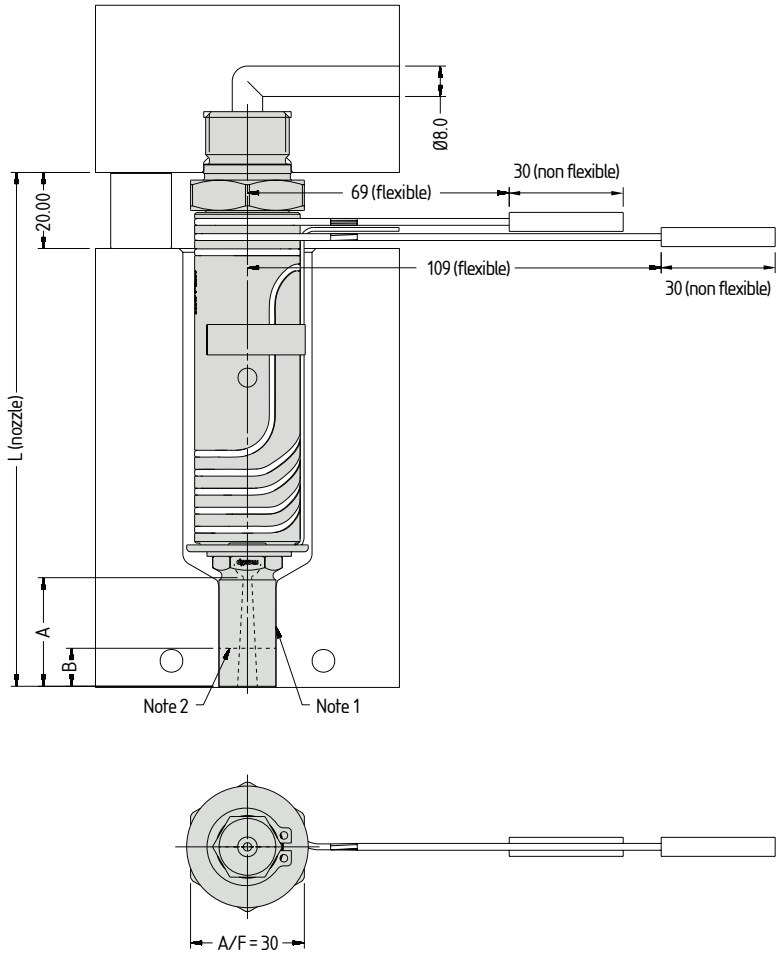
Nozzle Dimensions

Style	A	B
P7	29	Contact Mastip
P4	32	
N3	39	

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems



Note

1. Modify the contact area of the YCN nut to suit the application.
2. Contact Mastip to reduce the length (B) of the YCN nut.

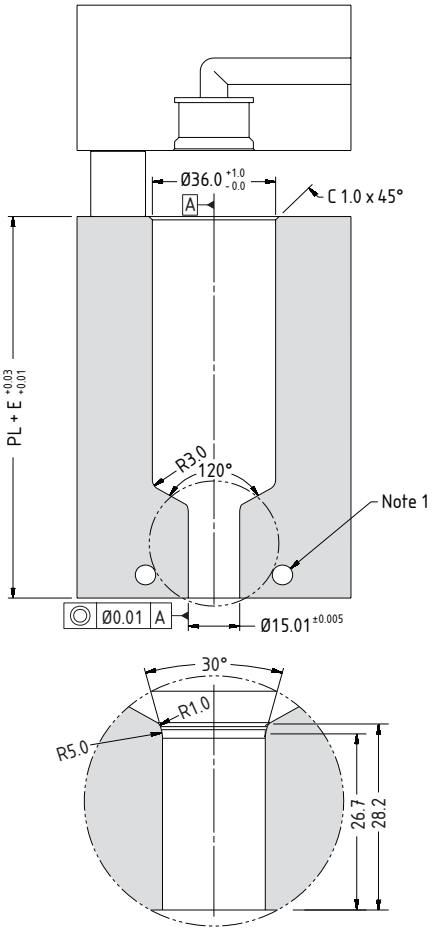
→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

P7 Gate Profile Nozzle Code	P4 Gate Profile Nozzle Code	N3 Gate Profile Nozzle Code	L	PL	E@ΔT =200°C
TXYCN19075	TXYCN19075	TXYCN19075	95.2	75.2	0.21
TXYCN19095	TXYCN19095	TXYCN19095	115.2	95.2	0.26
TXYCN19115	TXYCN19115	TXYCN19115	135.2	115.2	0.31
TXYCN19130	TXYCN19130	TXYCN19130	150.2	130.2	0.35
TXYCN19145	TXYCN19145	TXYCN19145	165.2	145.2	0.39
TXYCN19175	TXYCN19175	TXYCN19175	195.2	175.2	0.46

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

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For a full list of Distributors,
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Tip Grade Availability

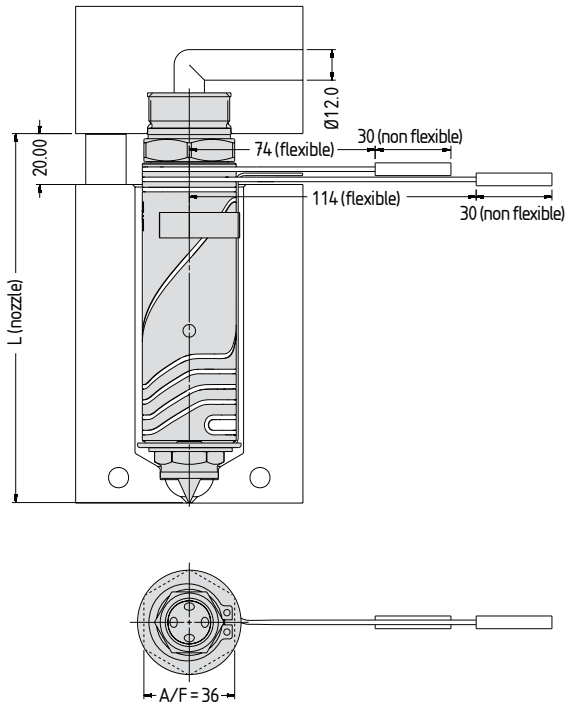
	Tip Grade		
Tip (Code)	**G1**	**G2**	**G5**
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓
Open Tip (X 27 OT)	✓	×	✓

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

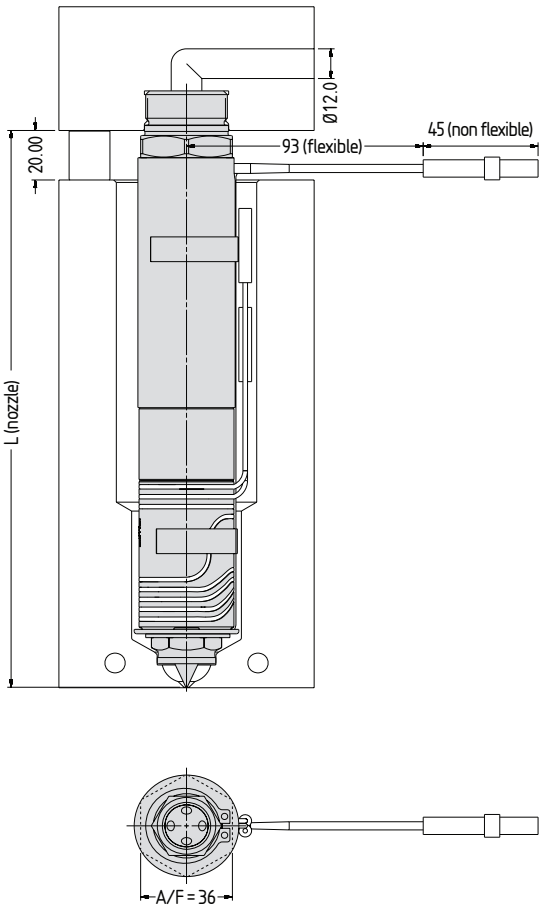
Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems

TXTT27075 - TXTT27175



TXTT27225 - TXTT27275



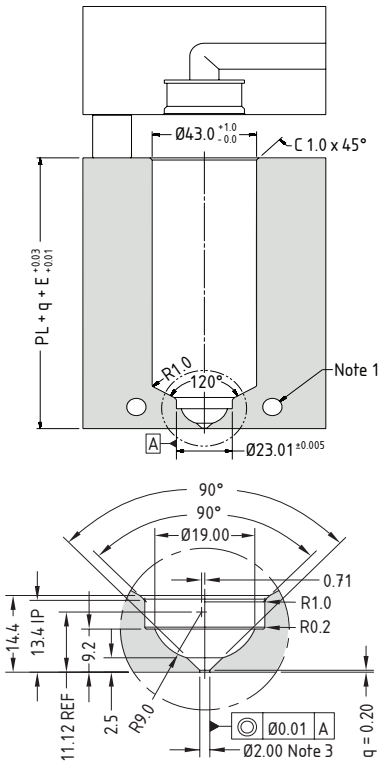
Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTT27075	TXIT27075	TXOT27075	75	55	0.16
TXTT27095	TXIT27095	TXOT27095	95	75	0.21
TXTT27115	TXIT27115	TXOT27115	115	95	0.26
TXTT27130	TXIT27130	TXOT27130	130	110	0.30
TXTT27145	TXIT27145	TXOT27145	145	125	0.34
TXTT27175	TXIT27175	TXOT27175	175	155	0.41
TXTT27225	TXIT27225	TXOT27225	225	205	0.54
TXTT27275	TXIT27275	TXOT27275	275	255	0.66

Longer nozzle lengths available on request. Maximum length: 600mm.

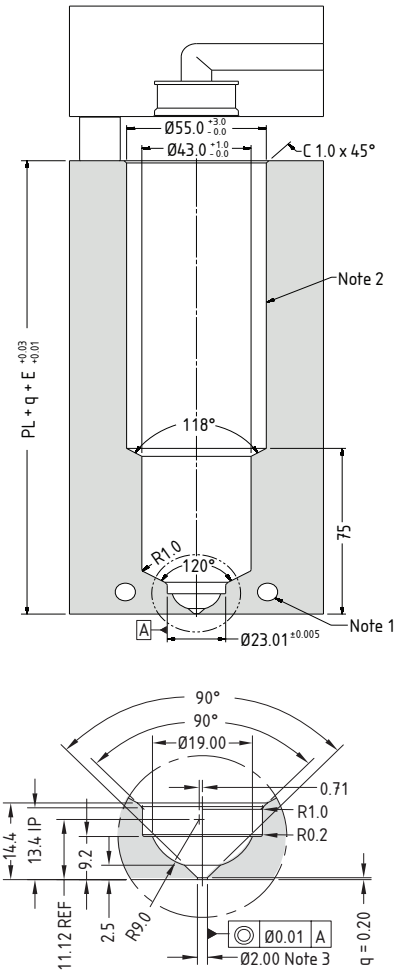
Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXTT27075 - TXTT27175



TXTT27225 - TXTT27275



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.
3. Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

Tip and Nut Material Grade Availability

	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓	×
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓	×
Open Tip (X 27 OT)	✓	×	✓	×

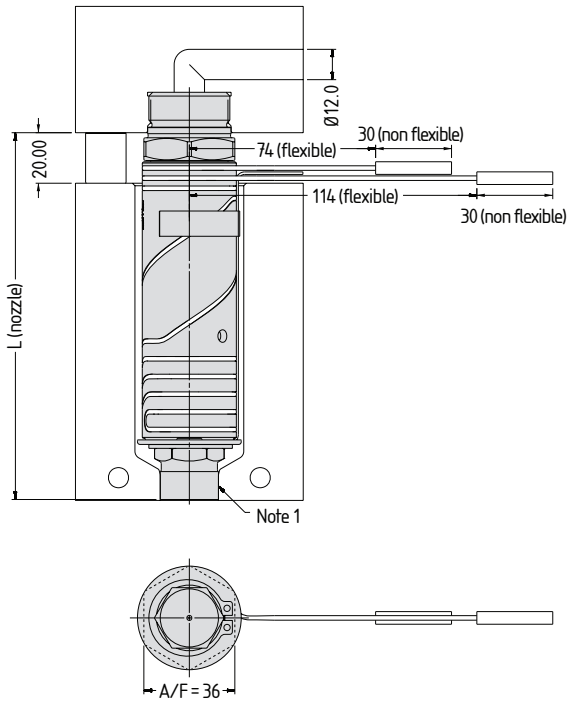
*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

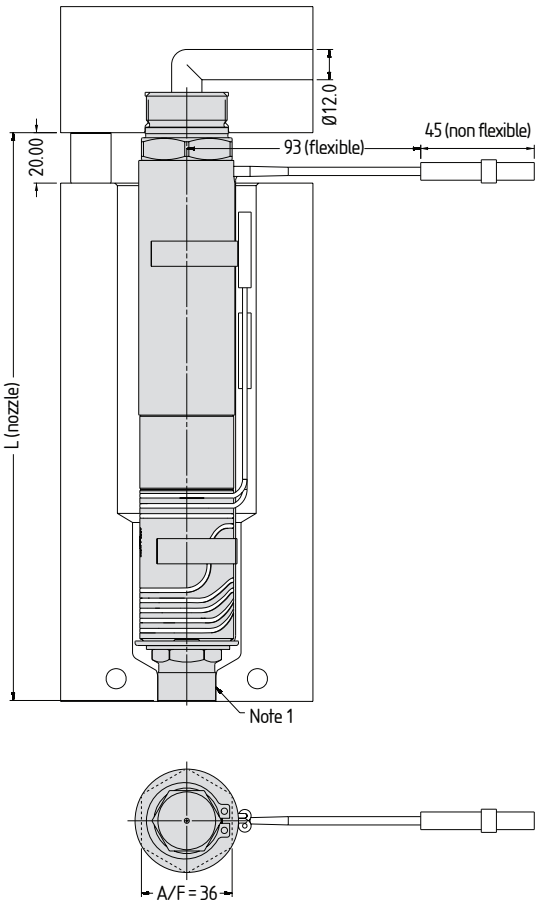
Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems

TXBE27075 - TXBE27175



TXBE27225 - TXBE27275



Note

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

→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

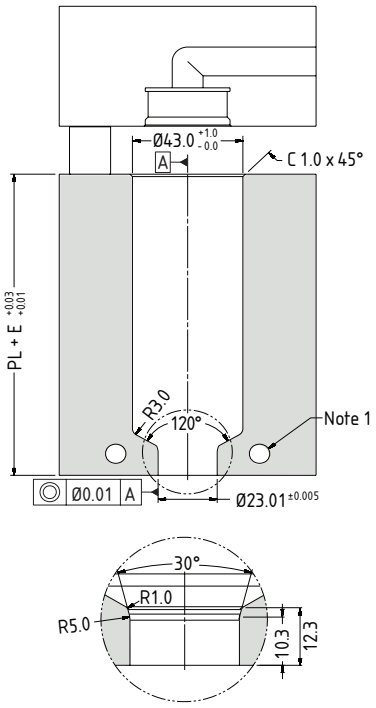
Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTBE27075	TXIBE27075	TXOBE27075	75.2	55.2	0.16
TXTBE27095	TXIBE27095	TXOBE27095	95.2	75.2	0.21
TXTBE27115	TXIBE27115	TXOBE27115	115.2	95.2	0.26
TXTBE27130	TXIBE27130	TXOBE27130	130.2	110.2	0.30
TXTBE27145	TXIBE27145	TXOBE27145	145.2	125.2	0.34
TXTBE27175	TXIBE27175	TXOBE27175	175.2	155.2	0.41
TXTBE27225	TXIBE27225	TXOBE27225	225.2	205.2	0.54
TXTBE27275	TXIBE27275	TXOBE27275	275.2	255.2	0.66

Longer nozzle lengths available on request. Maximum length: 600mm.

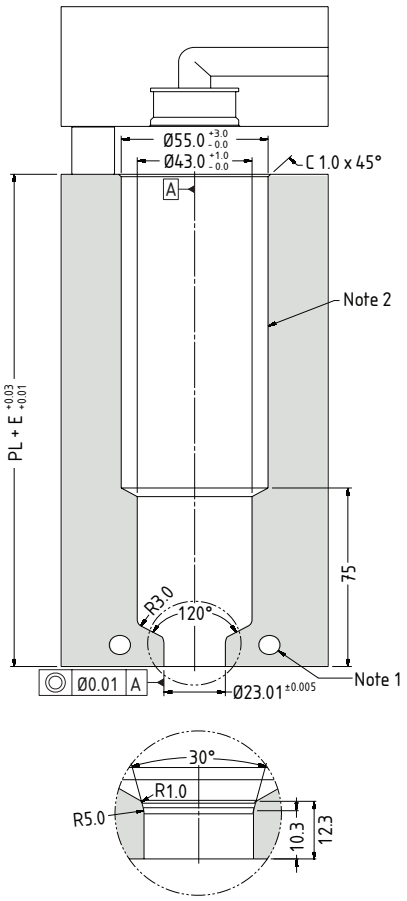
Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXBE27075 - TXBE27175



TXBE27225 - TXBE27275



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

Tip and Nut Material Grade Availability

	Tip and Nut Grade			
Tip (Code)	**G1/H1***	**G2/H1***	**G5/H1***	**G5/H5**
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓	✓
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓	✓
Open Tip (X 27 OT)	✓	×	✓	✓

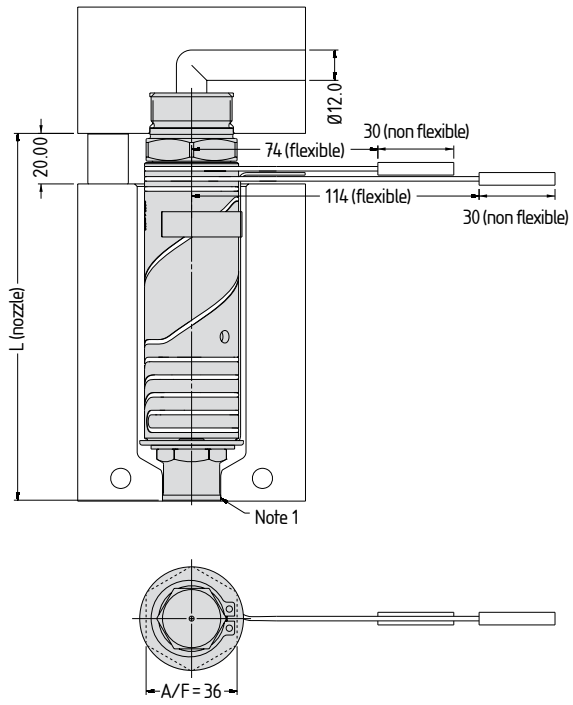
*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

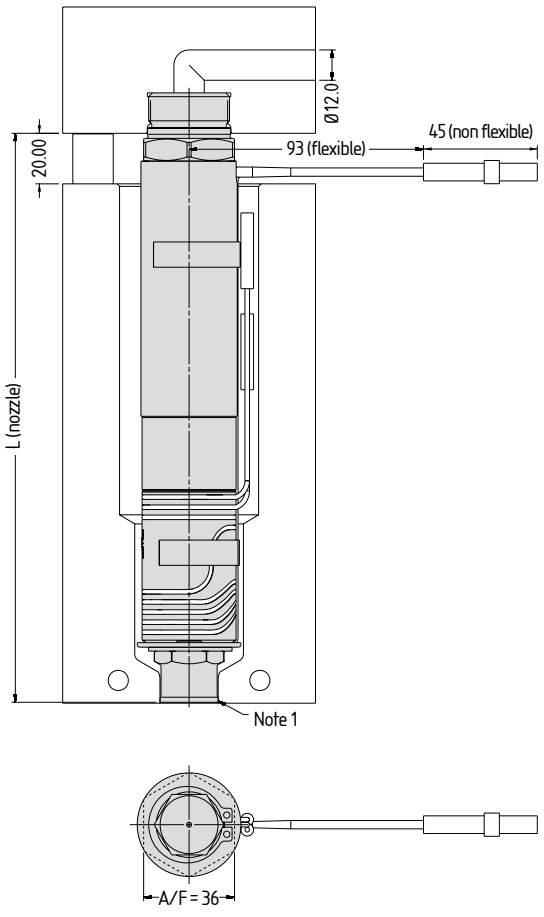
Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems

TXBN27075 - TXBN27175



TXBN27225 - TXBN27275



Note

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

→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

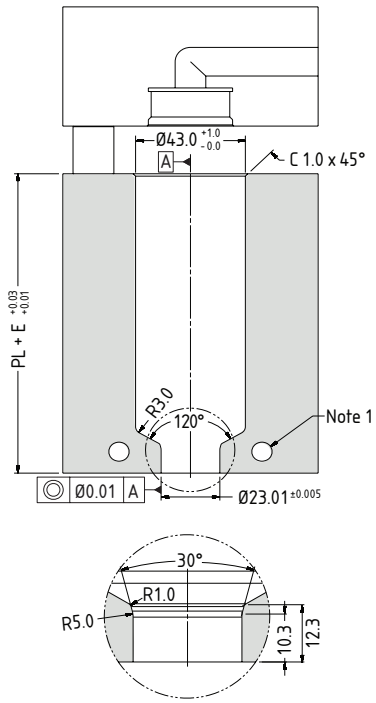
Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@Δ =200°C
TXTBN27075	TXIBN27075	TXOBN27075	75.2	55.2	0.16
TXTBN27095	TXIBN27095	TXOBN27095	95.2	75.2	0.21
TXTBN27115	TXIBN27115	TXOBN27115	115.2	95.2	0.26
TXTBN27130	TXIBN27130	TXOBN27130	130.2	110.2	0.30
TXTBN27145	TXIBN27145	TXOBN27145	145.2	125.2	0.34
TXTBN27175	TXIBN27175	TXOBN27175	175.2	155.2	0.41
TXTBN27225	TXIBN27225	TXOBN27225	225.2	205.2	0.54
TXTBN27275	TXIBN27275	TXOBN27275	275.2	255.2	0.66

Longer nozzle lengths available on request. Maximum length: 600mm.

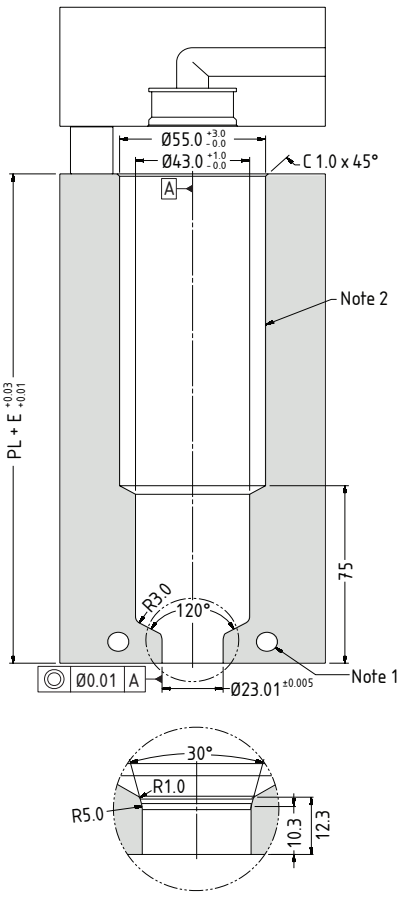
Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXBN27075 - TXBN27175



TXBN27225 - TXBN27275



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

Tip Grade Availability

	Tip and Nut Grade			
Tip (Code)	**G1/H1***	**G2/H1***	**G5/H1***	**G5/H5**
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓	✓
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓	✓
Open Tip (X 27 OT)	✓	×	✓	✓

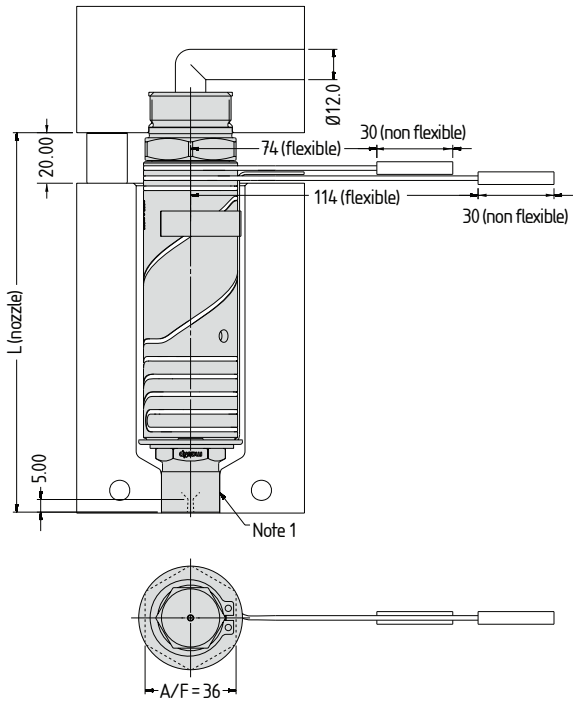
*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

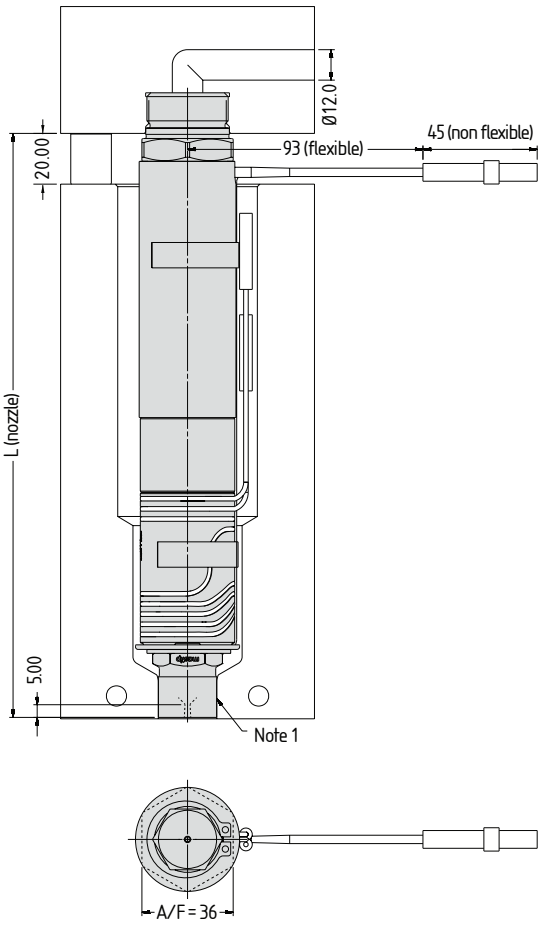
Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems

TXSN27075 - TXSN27175



TXSN27225 - TXBN27275



Note

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

→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

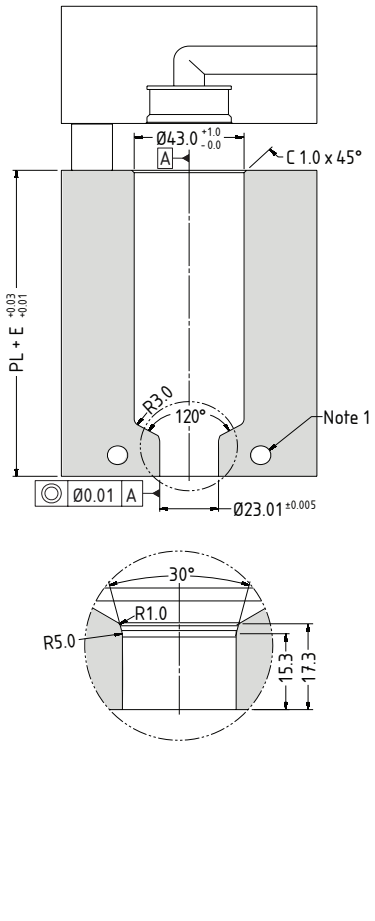
Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTSN27075	TXISN27075	TXOSN27075	80.2	60.2	0.18
TXTSN27095	TXISN27095	TXOSN27095	100.2	80.2	0.23
TXTSN27115	TXISN27115	TXOSN27115	120.2	100.2	0.28
TXTSN27130	TXISN27130	TXOSN27130	135.2	115.2	0.31
TXTSN27145	TXISN27145	TXOSN27145	150.2	130.2	0.35
TXTSN27175	TXISN27175	TXOSN27175	180.2	160.2	0.43
TXTSN27225	TXISN27225	TXOSN27225	230.2	210.2	0.55
TXTSN27275	TXISN27275	TXOSN27275	280.2	260.2	0.68

Longer nozzle lengths available on request. Maximum length: 600mm.

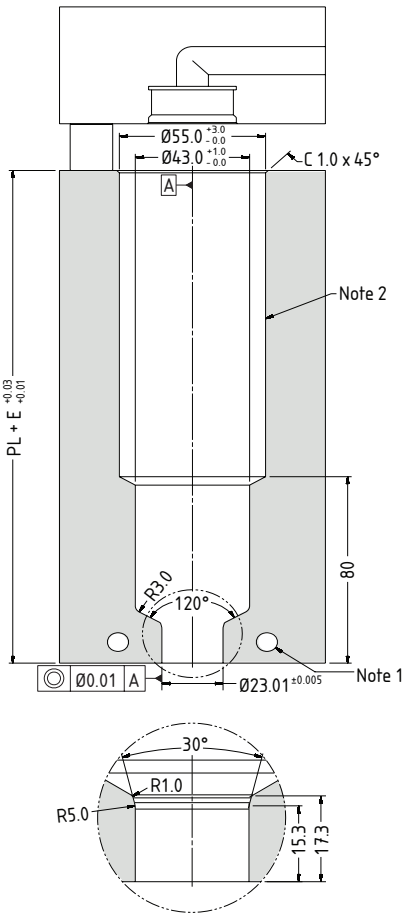
Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXSN27075 - TXSN27175



TXSN27225 - TXSN27275



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

Tip Grade Availability

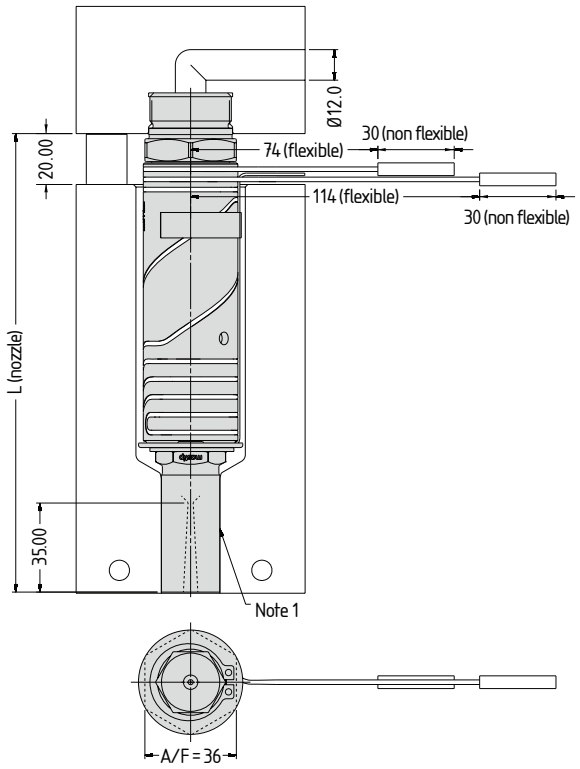
	Tip Grade		
Tip (Code)	**G1**	**G2**	**G5**
Multi-hole Torpedo Tip (X 27 TT)	✓	✓	✓
One-hole Torpedo Tip (X 27 IT)	✓	✓	✓
Open Tip (X 27 OT)	✓	×	✓

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

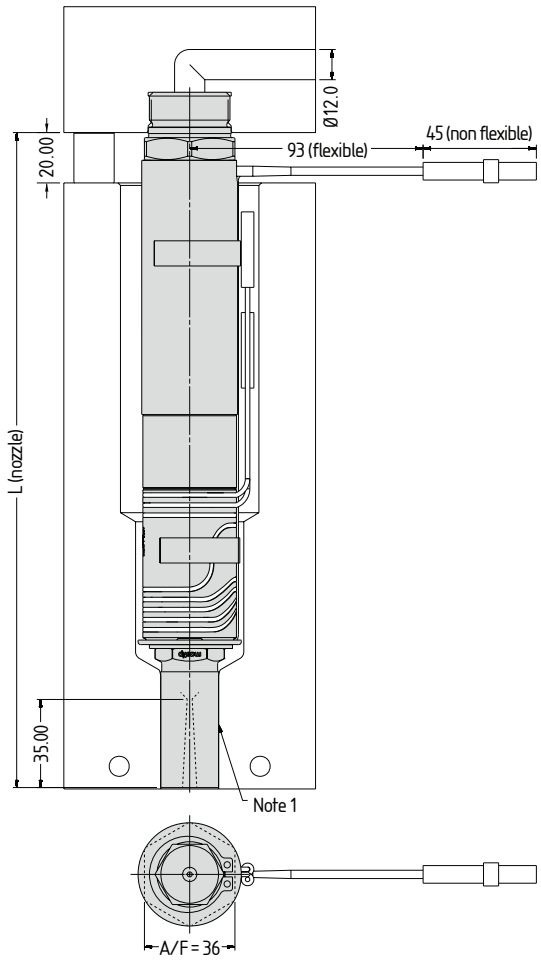
Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems

TXSL27075 - TXSL27175



TXSL27225 - TXSL27275



Note

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

→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

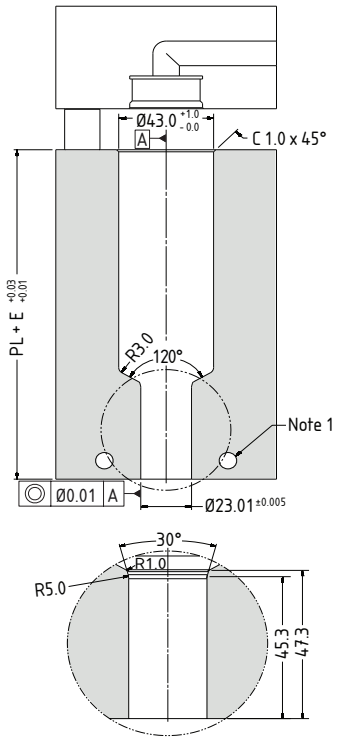
Multi-hole Torpedo Tip Nozzle Code	One-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTSL27075	TXISL27075	TXOSL27075	110.2	90.2	0.25
TXTSL27095	TXISL27095	TXOSL27095	130.2	110.2	0.30
TXTSL27115	TXISL27115	TXOSL27115	150.2	130.2	0.35
TXTSL27130	TXISL27130	TXOSL27130	165.2	145.2	0.39
TXTSL27145	TXISL27145	TXOSL27145	180.2	160.2	0.43
TXTSL27175	TXISL27175	TXOSL27175	210.2	190.2	0.50
TXTSL27225	TXISL27225	TXOSL27225	260.2	240.2	0.63
TXTSL27275	TXISL27275	TXOSL27275	310.2	290.2	0.75

Longer nozzle lengths available on request. Maximum length: 600mm.

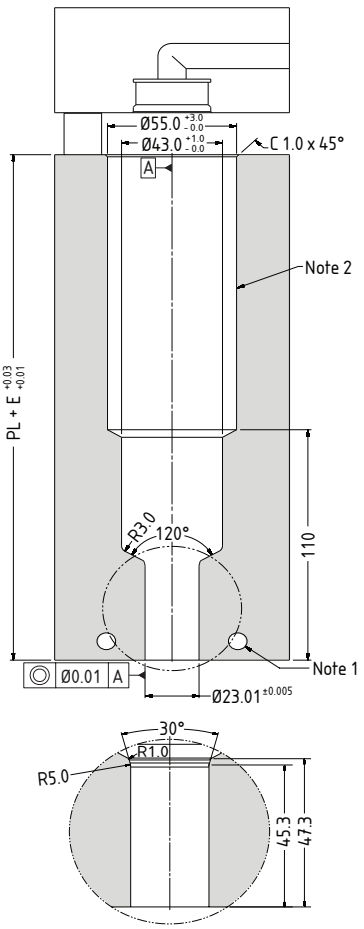
Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXSL27075 - TXSL27175



TXSL27225 - TXSL27275



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

Nozzle Dimensions

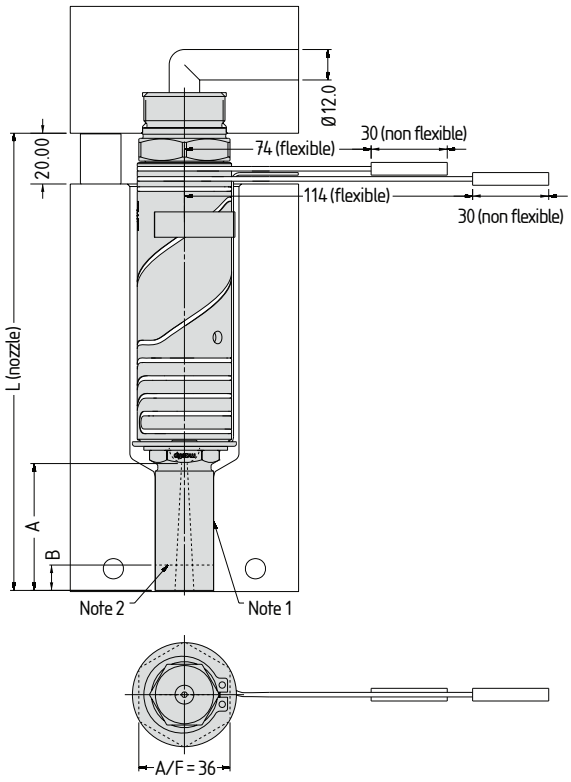
Style	A	B
P7	50	Contact Mastip
P4	53	
N3	60	

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

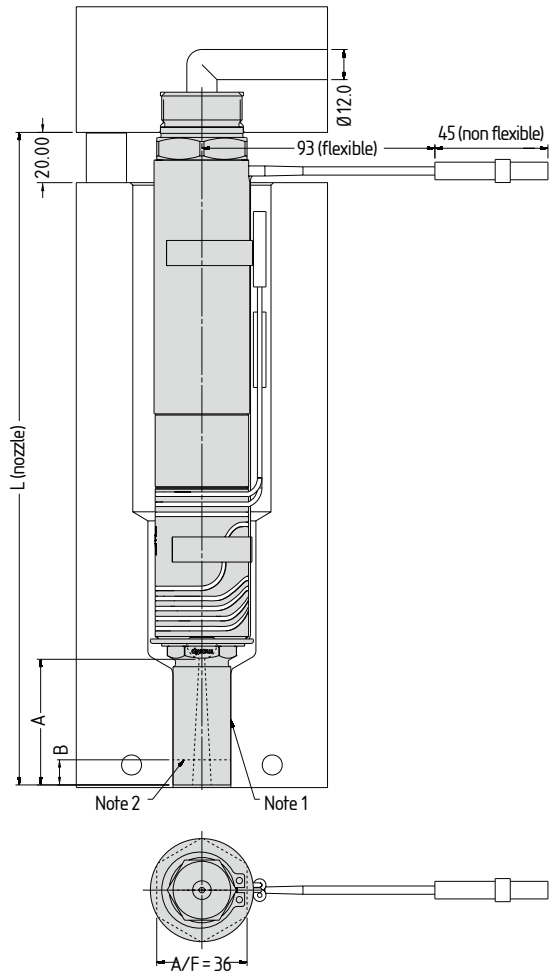
Nozzle Dimensions

Note: Nozzle dimensions and date referenced in this technical guide are only to be used for Nexus™ manifold systems

TXYCN27075 - TXYCN27175



TXYCN27225 - TXYCN27275



Note

1. Modify the contact of the YCN nut to suit the application.
2. Contact Mastip to reduce the length (B) of the YCN nut.

→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

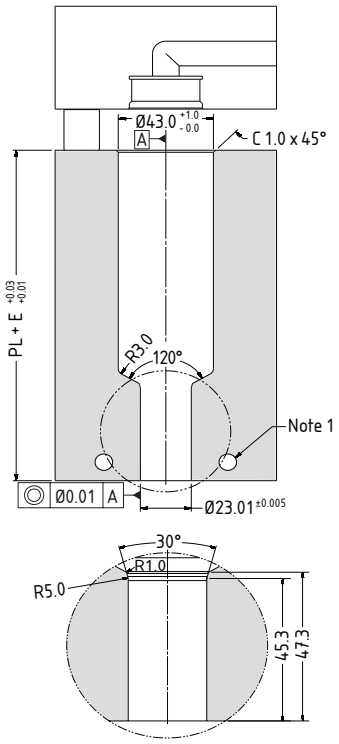
P7 Gate Profile Nozzle Code	P4 Gate Profile Nozzle Code	N3 Gate Profile Nozzle Code	L	PL	E@ΔT =200°C
TXYCN27075	TXYCN27075	TXYCN27075	110.2	90.2	0.25
TXYCN27095	TXYCN27095	TXYCN27095	130.2	110.2	0.30
TXYCN27115	TXYCN27115	TXYCN27115	150.2	130.2	0.35
TXYCN27130	TXYCN27130	TXYCN27130	165.2	145.2	0.39
TXYCN27145	TXYCN27145	TXYCN27145	180.2	160.2	0.43
TXYCN27175	TXYCN27175	TXYCN27175	210.2	190.2	0.50
TXYCN27225	TXYCN27225	TXYCN27225	260.2	240.2	0.63
TXYCN27275	TXYCN27275	TXYCN27275	310.2	290.2	0.75

Longer nozzle lengths available on request. Maximum length: 600mm.

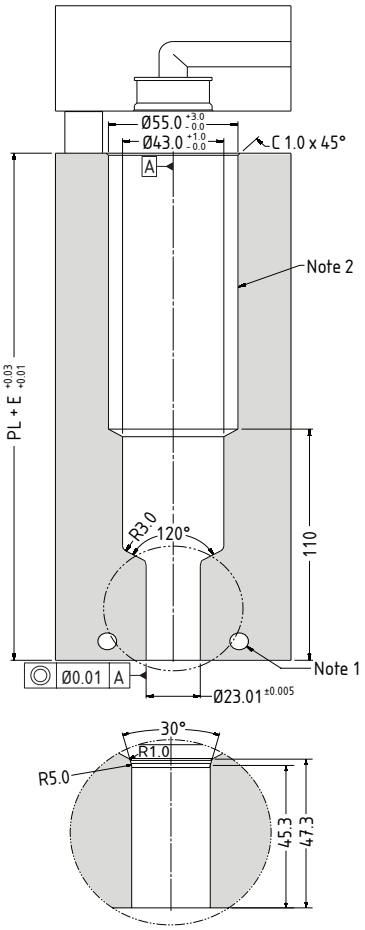
Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXYCN27075 - TXYCN27175



TXYCN27225 - TXYCN27275



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

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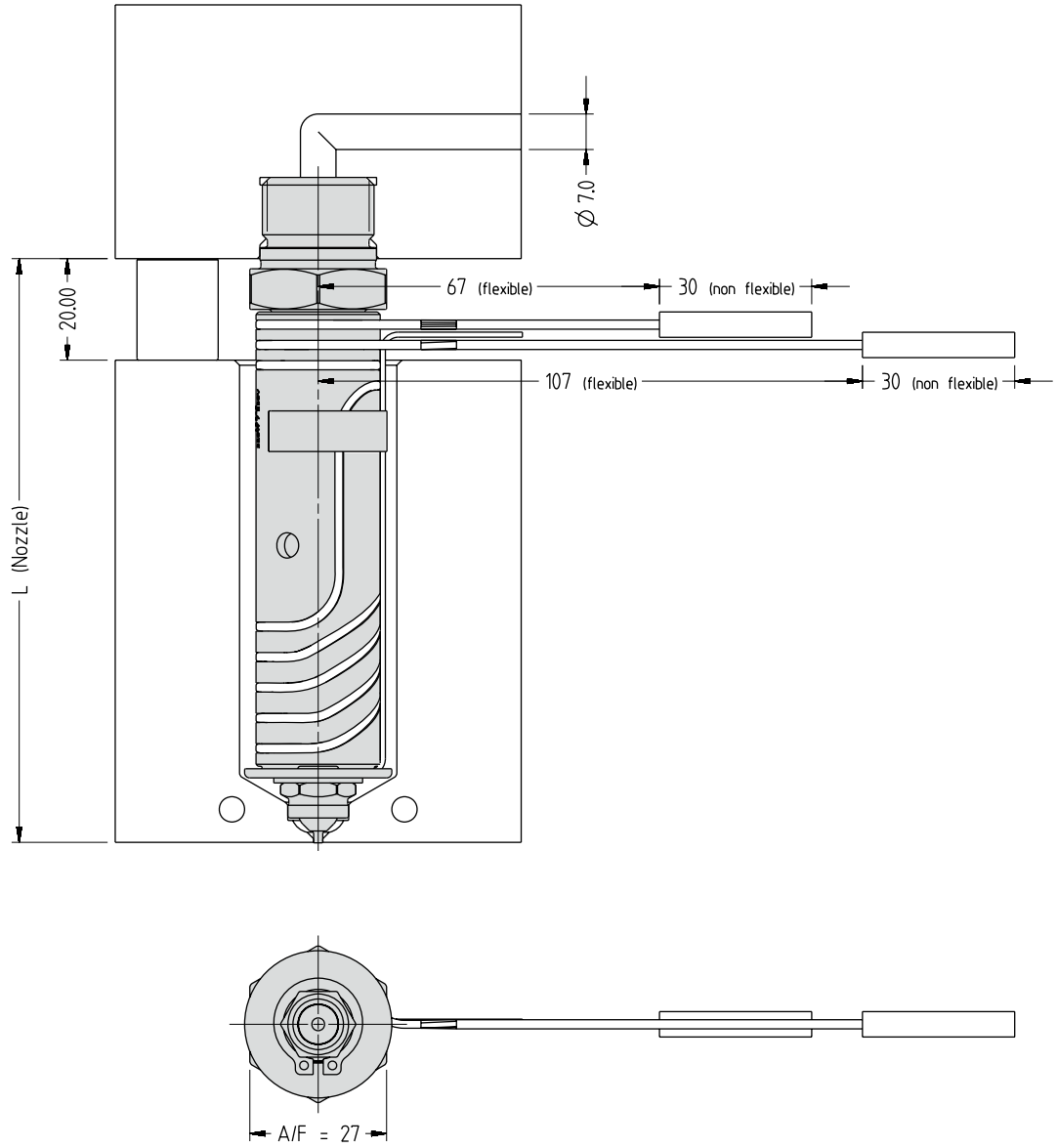
Tip Grade Availability

	Tip Grade		
Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 16 TT)	✓	×	×
Open Tip (X 16 OT)	✓	×	✓
Guided Open Tip (X 16 GV)	×	×	✓

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions



Note

* Pins are supplied Ø2.5 x 250 and must be cut to required length and taper added by mould maker at time of installation

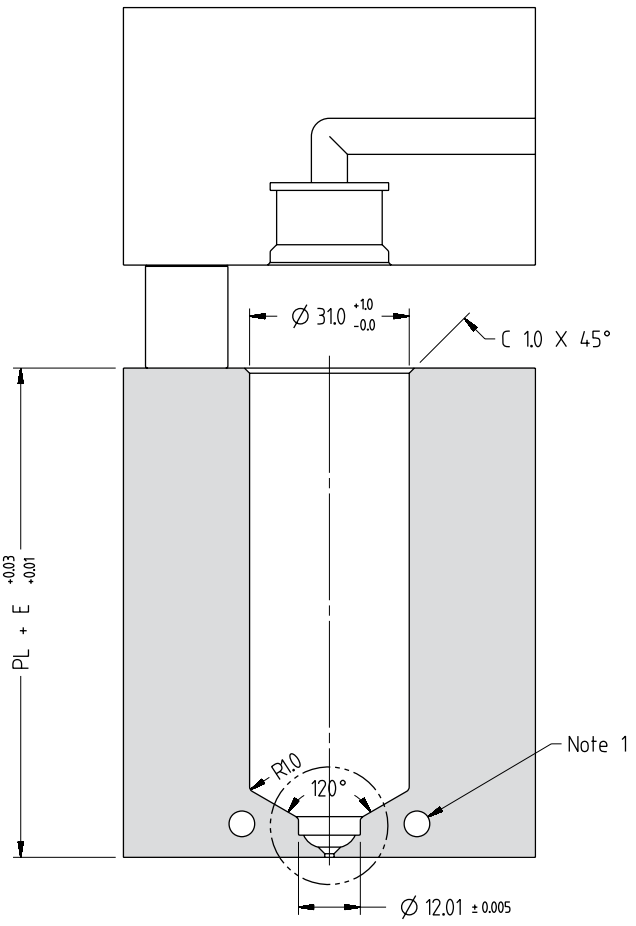
Conical Gate		Cylindrical Gate			
Multi-hole Torpedo Tip Nozzle Code	Open Valve Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTV16075G1	TXOV16075 G1/G5	TXGV16075G5	75	55	0.16
TXTV16095G1	TXOV16095 G1/G5	TXGV16095G5	95	75	0.21
TXTV16115G1	TXOV16115 G1/G5	TXGV16115G5	115	95	0.26
TXTV16130G1	TXOV16130 G1/G5	TXGV16130G5	130	110	0.30
TXTV16145G1	TXOV16145 G1/G5	TXGV16145G5	145	125	0.34
TXTV16175G1	TXOV16175 G1/G5	TXGV16175G5	175	155	0.41

Longer nozzle lengths available on request

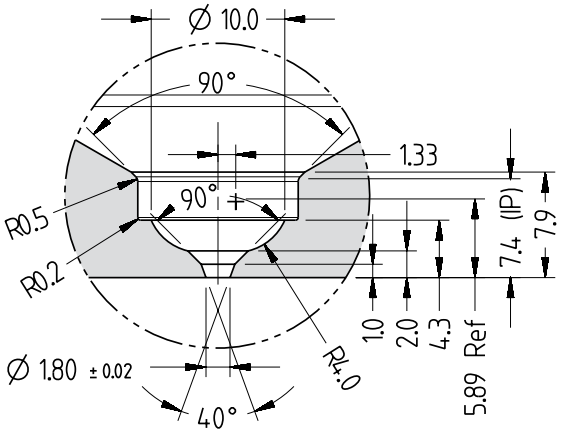
Maximum length: 300mm

Nozzle Fitment and Gate Dimensions

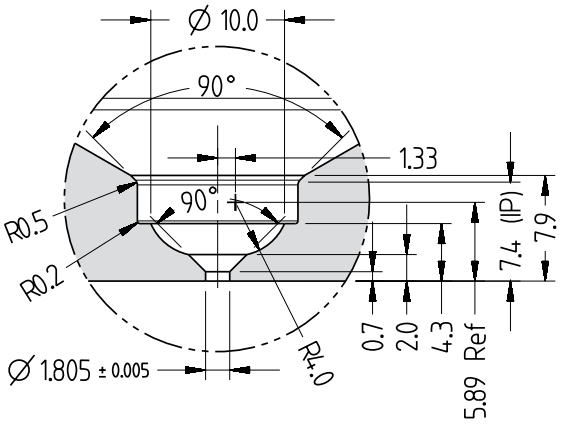
E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Conical Gate



Cylindrical Gate



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

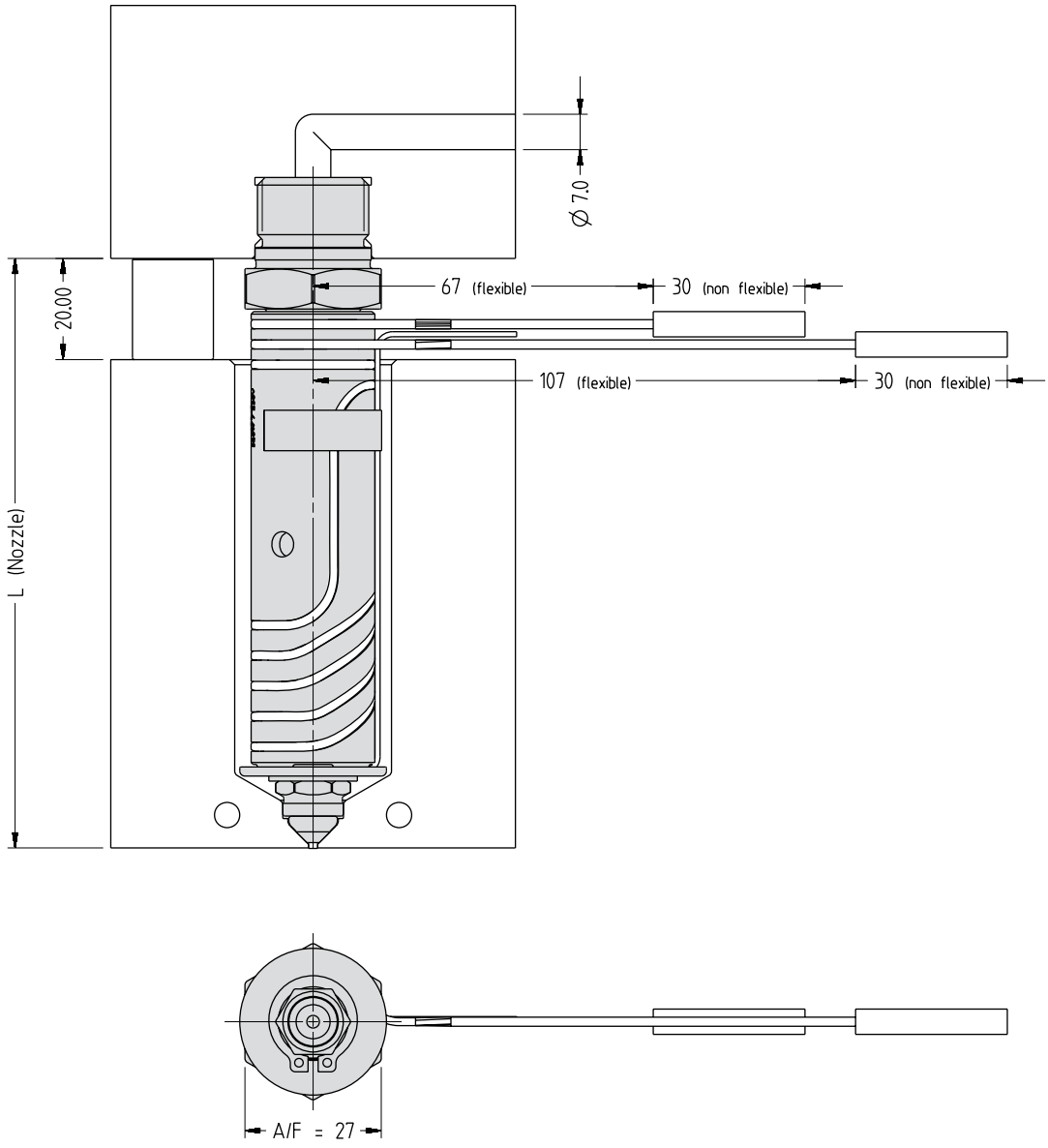
* Minimum strength (σy) of nozzle plate 800MPa.

Tip Grade Availability

	Tip Grade		
Tip (Code)	G1	G2	G5
Open Tip (X 16 OV)	✓	×	×
Guided Open Tip (X 16 GV)	×	×	✓

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions



Note

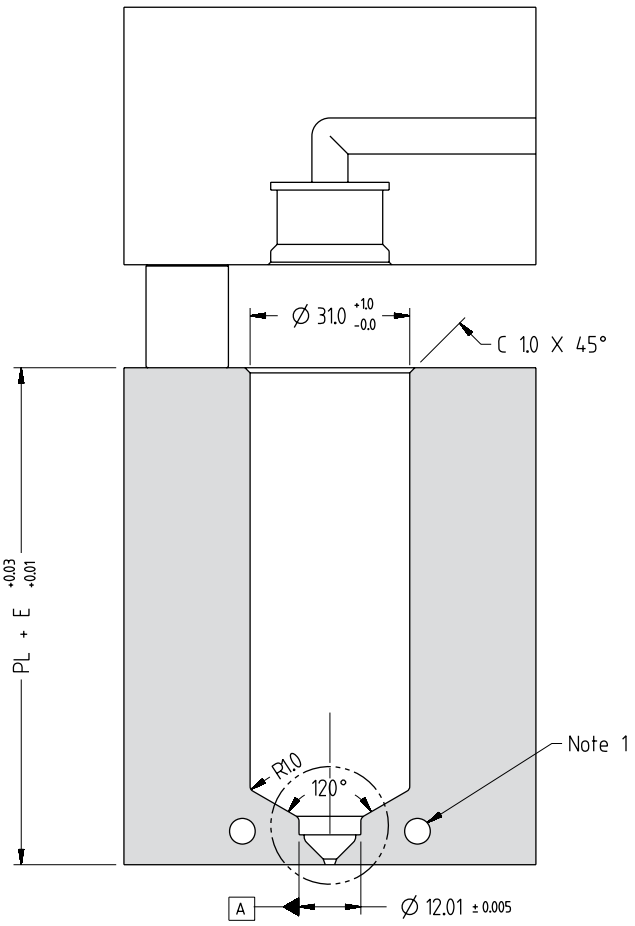
* Pins are supplied Ø2.5 x 250 and must be cut to required length and taper added by mould maker at time of installation

Conical Gate	Cylindrical Gate			
Open Valve Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXOV16075+CG1	TXGV16075+CG5	76.5	56.5	0.17
TXOV16095+CG1	TXGV16095+CG5	96.5	76.5	0.22
TXOV16115+CG1	TXGV16115+CG5	116.5	96.5	0.27
TXOV16130+CG1	TXGV16130+CG5	131.5	111.5	0.30
TXOV16145+CG1	TXGV16145+CG5	146.5	126.5	0.34
TXOV16175+CG1	TXGV16175+CG5	176.5	156.5	0.42

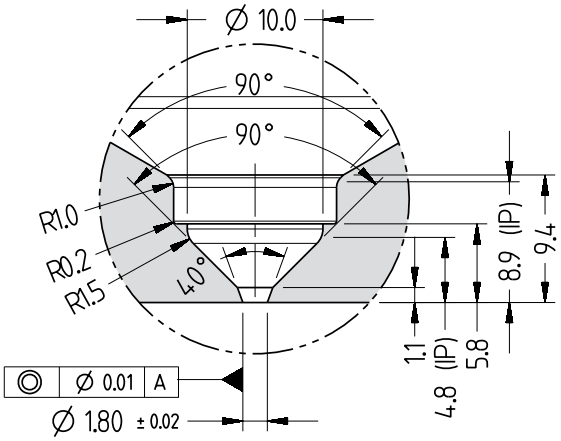
Longer nozzle lengths available on request
Maximum length: 300mm

Nozzle Fitment and Gate Dimensions

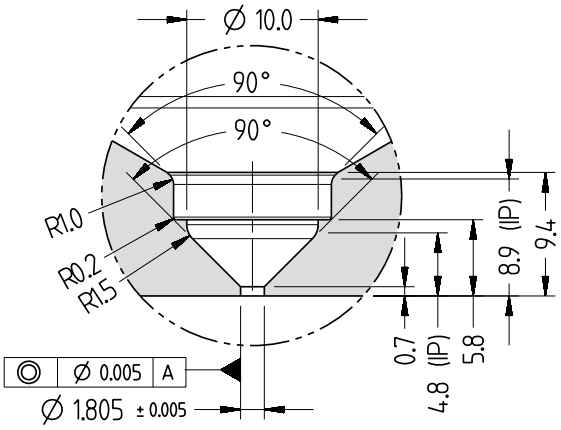
E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Conical Gate



Cylindrical Gate



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

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

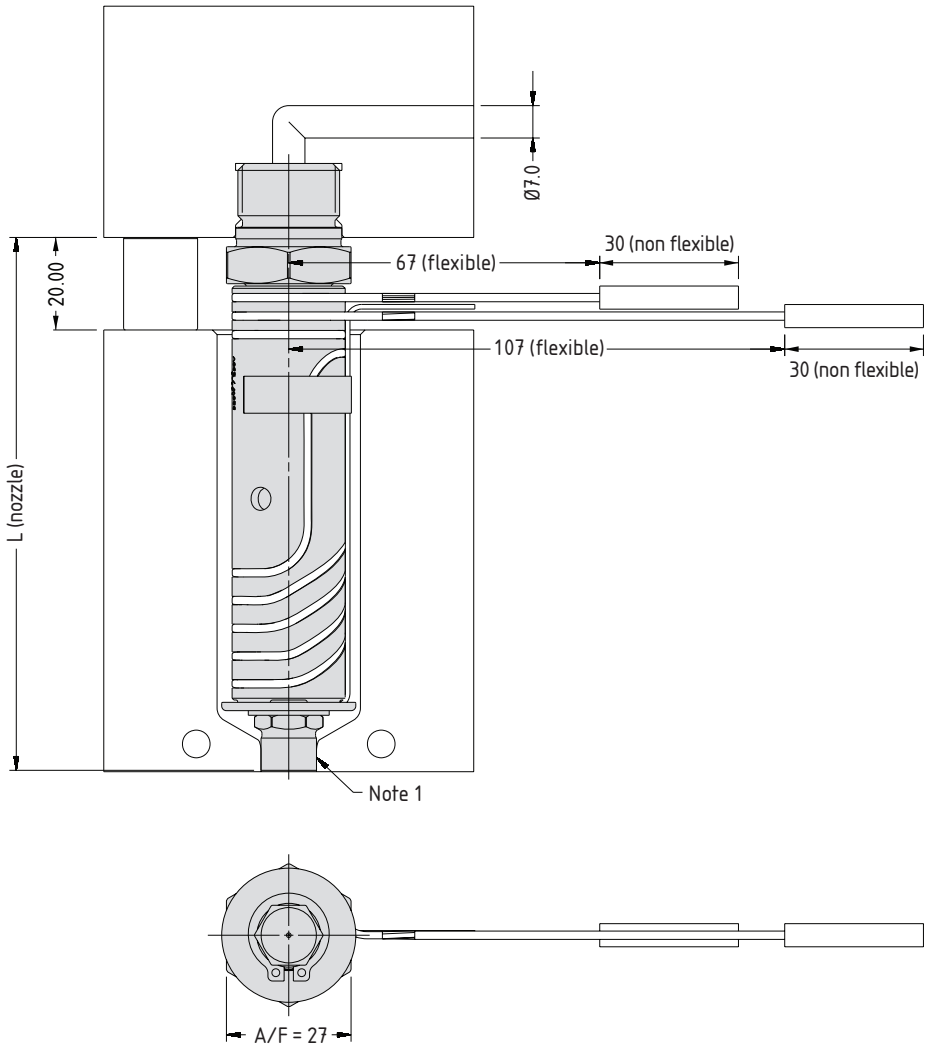
Tip and Nut Material Grade Availability

	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 16 TV)	✓	×	×	×
Open Tip (X 16 OV)	✓	×	✓	✓

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions



Note

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

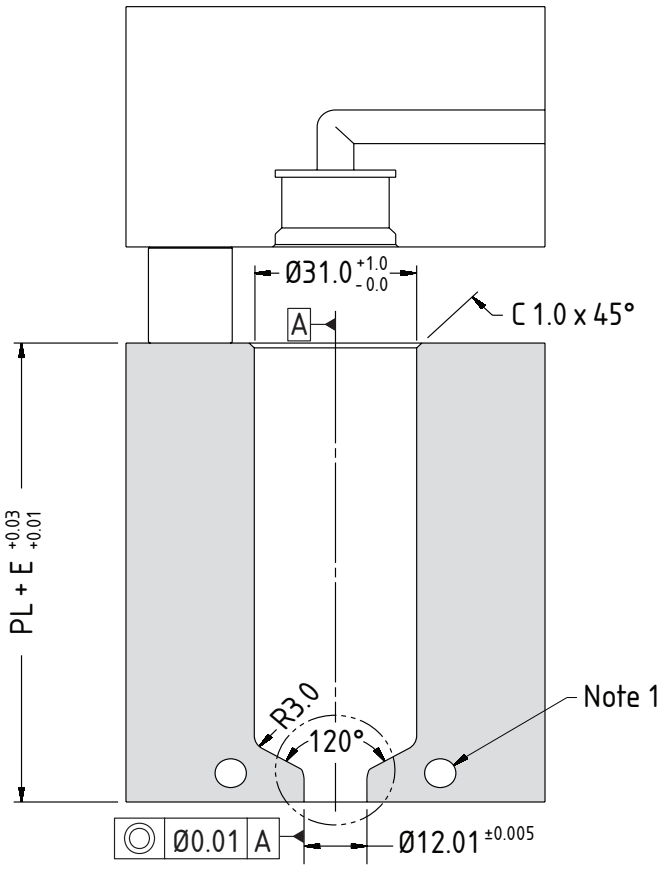
* Pins are supplied Ø2.5 x 250 and must be cut to required length and taper added by mould maker at time of installation.

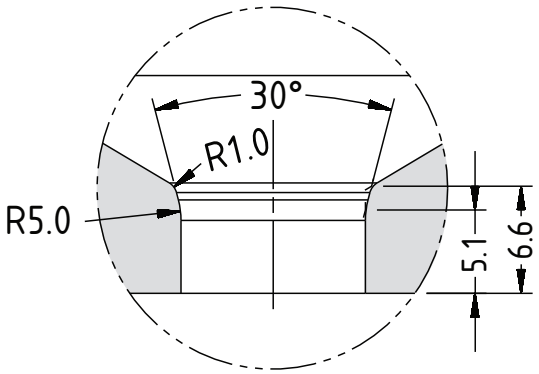
Conical Gate		Cylindrical Gate			
Multi-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTVBE16075G1H1	TXOVBE16075 G1H1/G5H1	TXGVBE16075G5H5	75	55	0.16
TXTVBE16095G1H1	TXOVBE16095 G1H1/G5H1	TXGVBE16095G5H5	95	75	0.21
TXTVBE16115G1H1	TXOVBE16115 G1H1/G5H1	TXGVBE16115G5H5	115	95	0.26
TXTVBE16130G1H1	TXOVBE16130 G1H1/G5H1	TXGVBE16130G5H5	130	110	0.30
TXTVBE16145G1H1	TXOVBE16145 G1H1/G5H1	TXGVBE16145G5H5	145	125	0.34
TXTVBE16175G1H1	TXOVBE16175 G1H1/G5H1	TXGVBE16175G5H5	175	155	0.41

*Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)





Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications

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

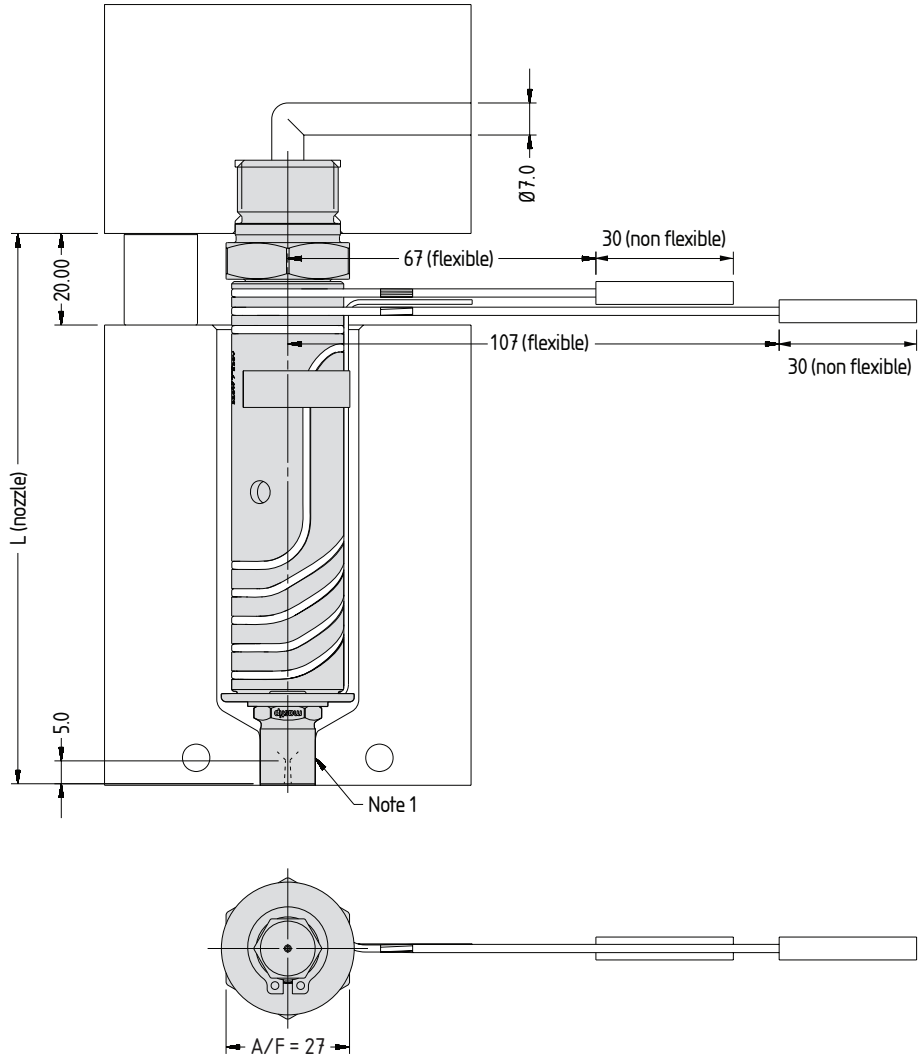
Tip and Nut Material Grade Availability

	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 16 TV)	✓	×	×	×
Open Tip (X 16 OV)	✓	×	✓	×

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions



Note

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

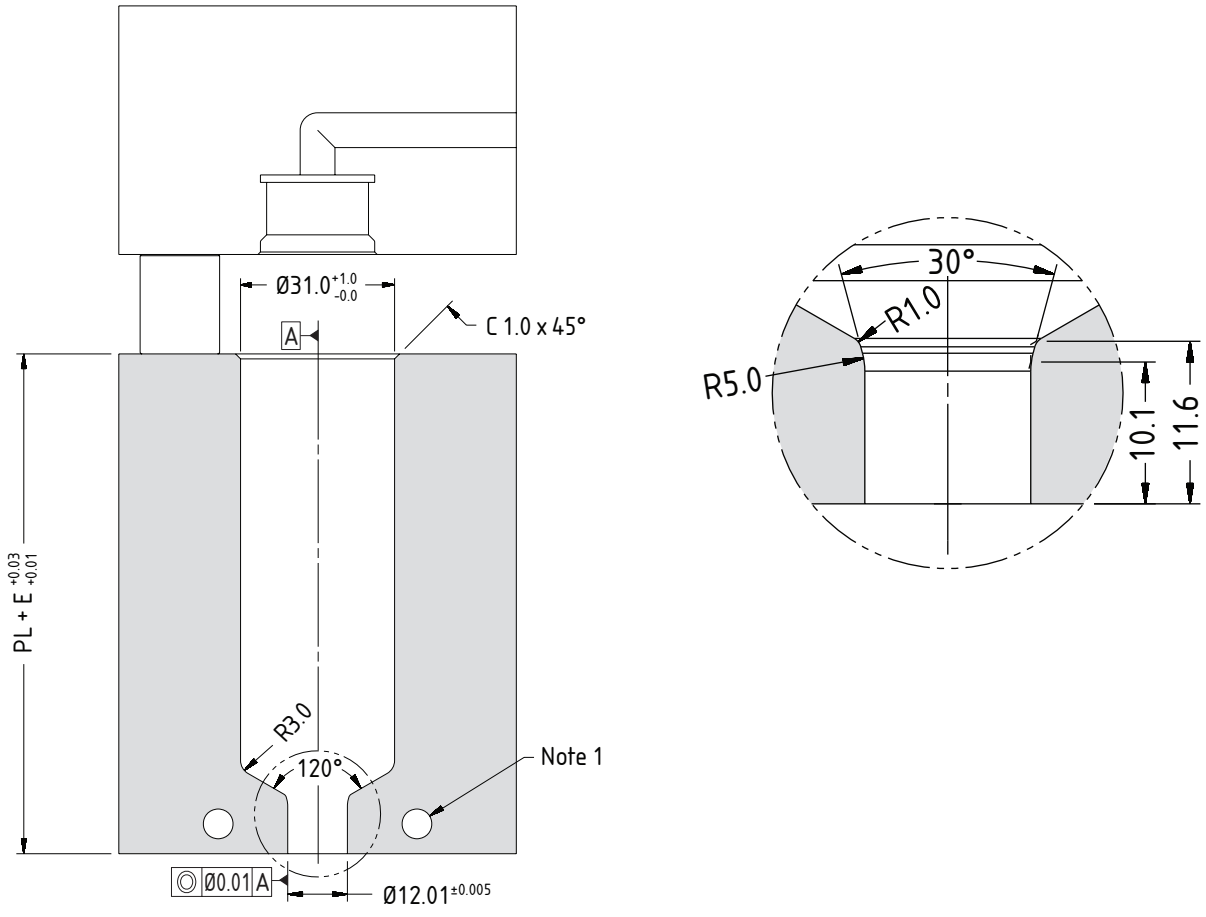
* Pins are supplied Ø2.5 x 250 and must be cut to required length and taper added by mould maker at time of installation.

Conical Gate				
Multi-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTVSN16075	TXOVSN16075	80	60	0.18
TXTVSN16095	TXOVSN16095	100	80	0.23
TXTVSN16115	TXOVSN16115	120	100	0.28
TXTVSN16130	TXOVSN16130	135	115	0.31
TXTVSN16145	TXOVSN16145	150	130	0.35
TXTVSN16175	TXOVSN16175	180	160	0.43

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

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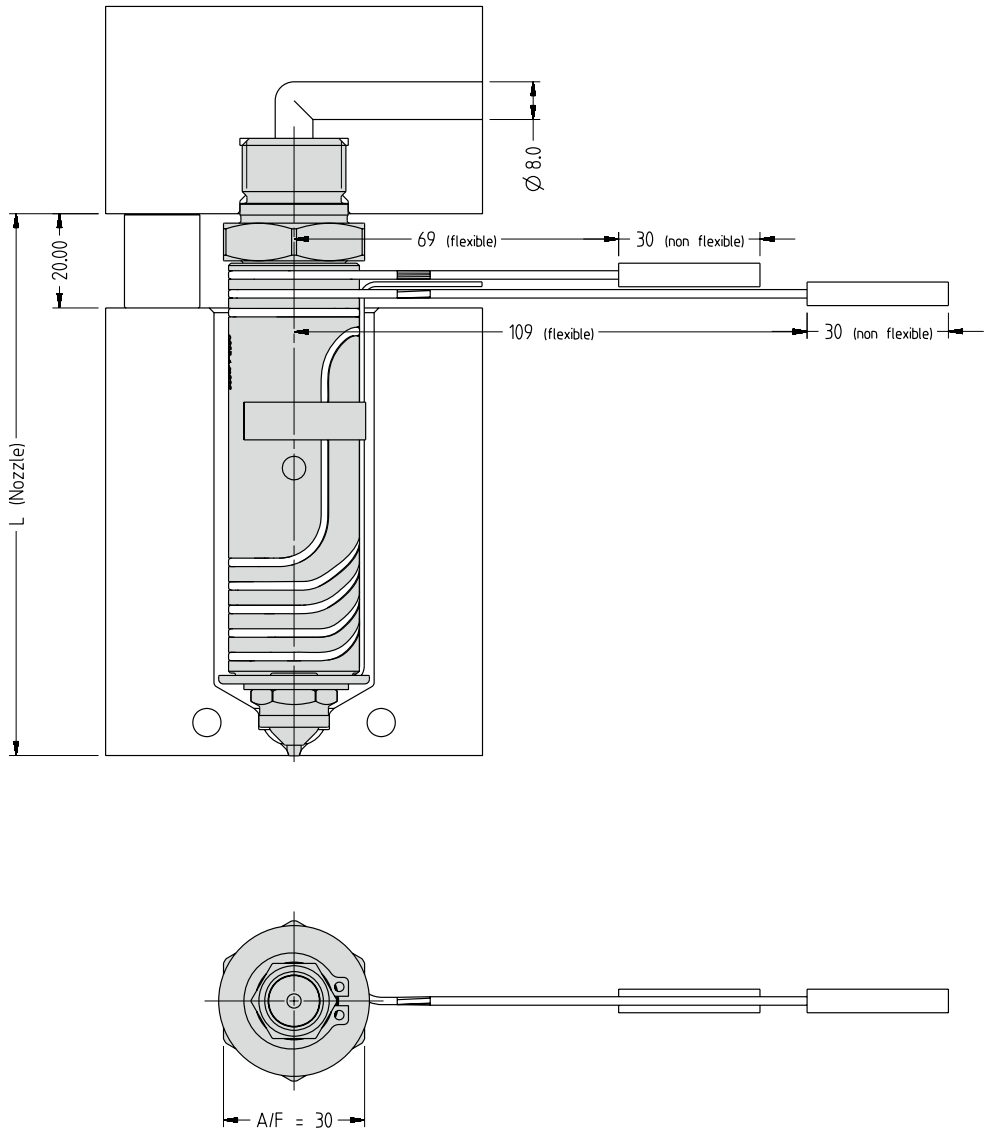
Tip Grade Availability

	Tip Grade		
Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 19 TV)	✓	×	×
Open Tip (X 19 OV)	✓	×	✓
Guided Open Tip (X 19 GV)	×	×	✓

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions



Note

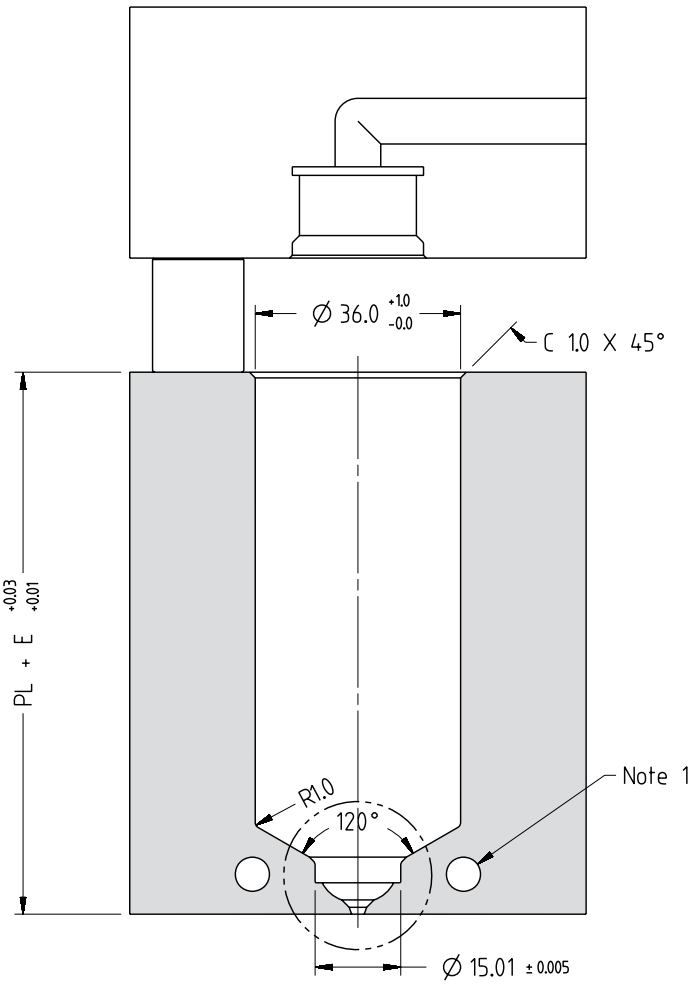
* Pins are supplied Ø3.0 x 250 and must be cut to required length and taper added by mould maker at time of installation.

Conical Gate		Cylindrical Gate			
Multi-hole Torpedo Tip Nozzle Code	Open Valve Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTV19075G1	TXOV19075 G1/G5	TXGV19075G5	75	55	0.16
TXTV19095G1	TXOV19095 G1/G5	TXGV19095G5	95	75	0.21
TXTV19115G1	TXOV19115 G1/G5	TXGV19115G5	115	95	0.26
TXTV19130G1	TXOV19130 G1/G5	TXGV19130G5	130	110	0.30
TXTV19145G1	TXOV19145 G1/G5	TXGV19145G5	145	125	0.34
TXTV19175G1	TXOV19175 G1/G5	TXGV19175G5	175	155	0.41

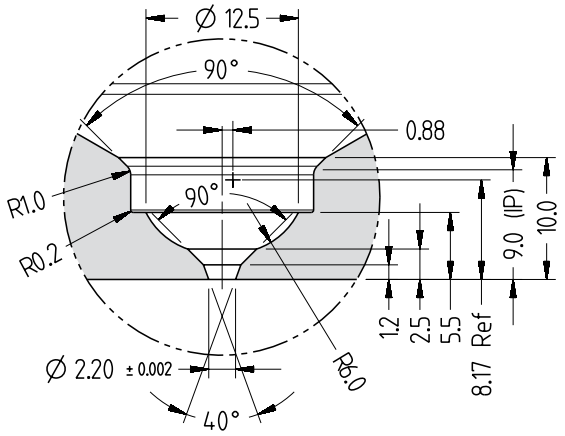
Longer nozzle lengths available on request
Maximum length: 400mm

Nozzle Fitment and Gate Dimensions

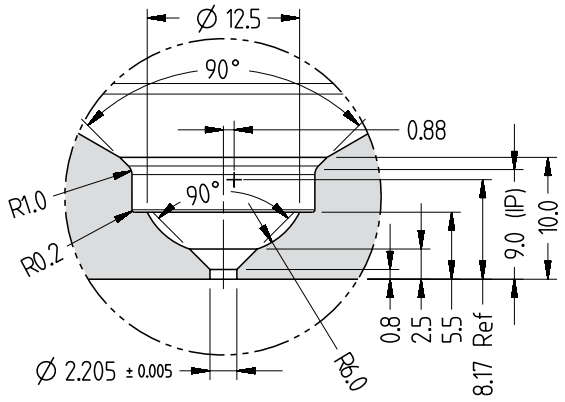
E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Conical Gate



Cylindrical Gate



Note

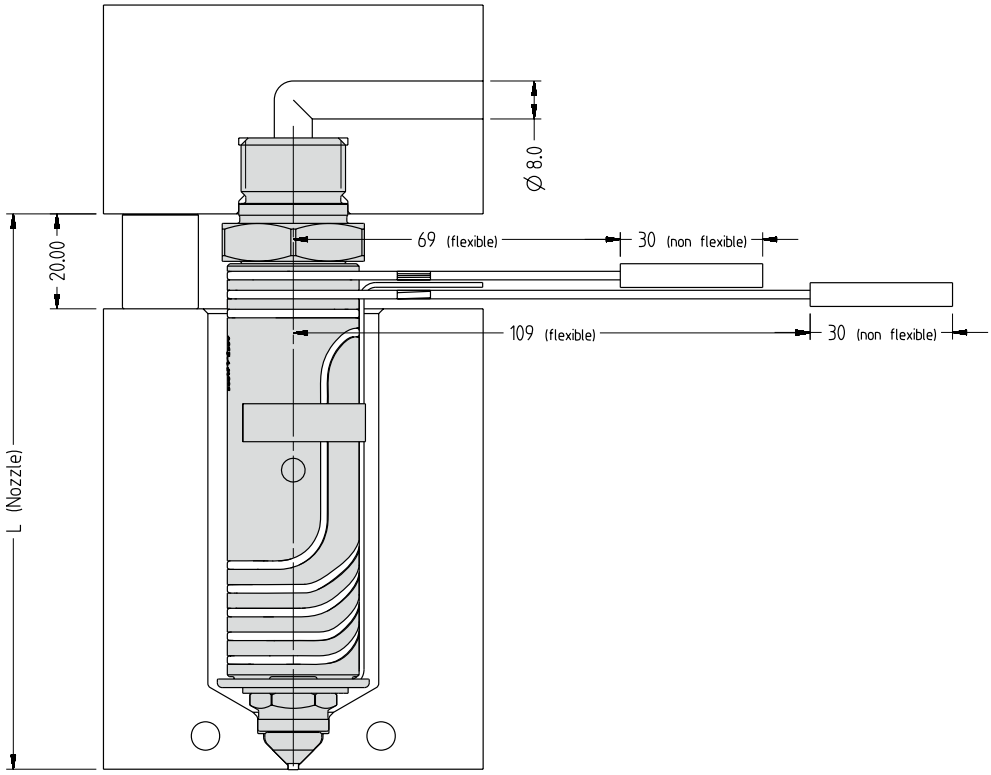
1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

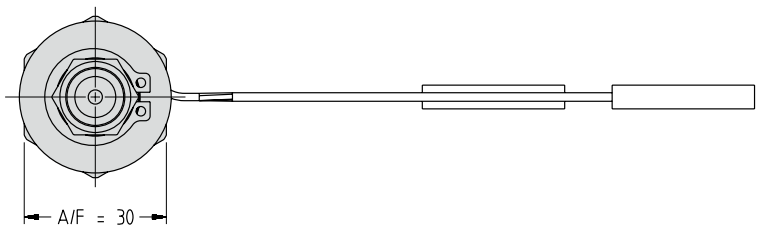
Tip Grade Availability

	Tip Grade		
Tip (Code)	G1	G2	G5
Open Tip (X 19 OV)	✓	×	✓
Guided Open Tip (X 19 GV)	×	×	✓

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions





Note

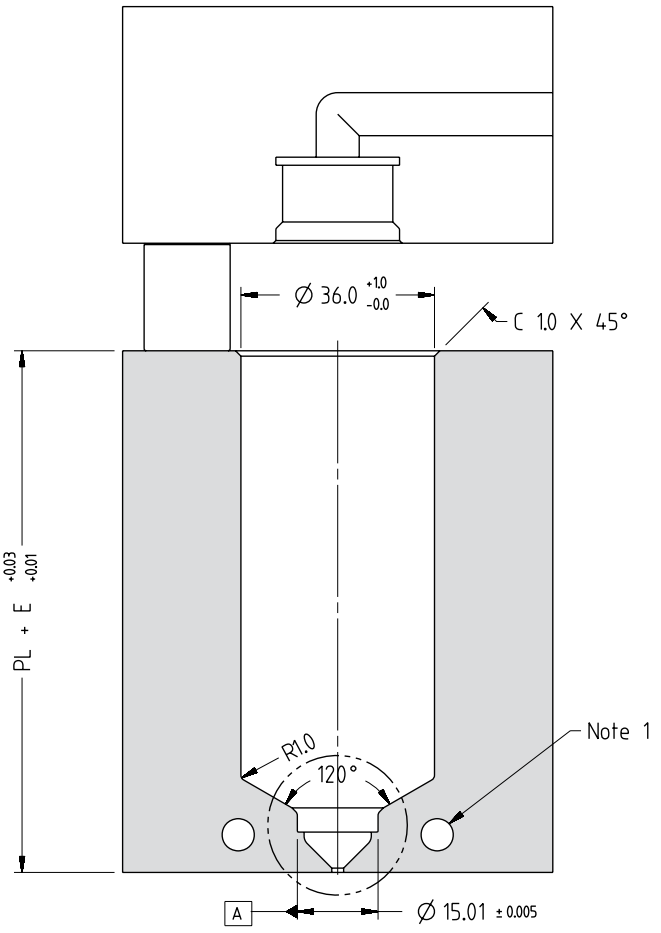
* Pins are supplied Ø3.0 x 250 and must be cut to required length and taper added by mould maker at time of installation.

Conical Gate	Cylindrical/ Conical Gate			
Open Valve Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXOV19075+CG1	TXGV19075+CG5	77	57	0.17
TXOV19095+CG1	TXGV19095+CG5	97	77	0.22
TXOV19115+CG1	TXGV19115+CG5	117	97	0.27
TXOV19130+CG1	TXGV19130+CG5	132	112	0.30
TXOV19145+CG1	TXGV19145+CG5	147	127	0.34
TXOV19175+CG1	TXGV19175+CG5	177	157	0.42

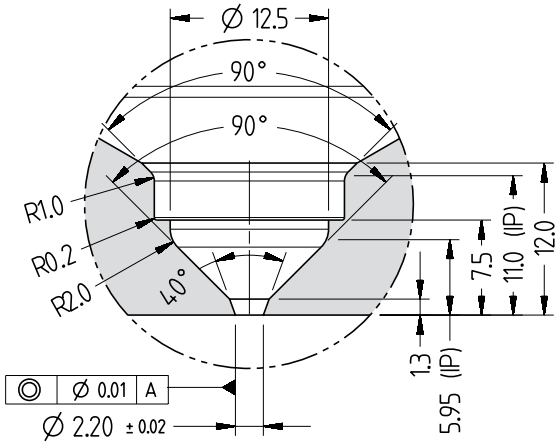
Longer nozzle lengths available on request
Maximum length: 400mm

Nozzle Fitment and Gate Dimensions

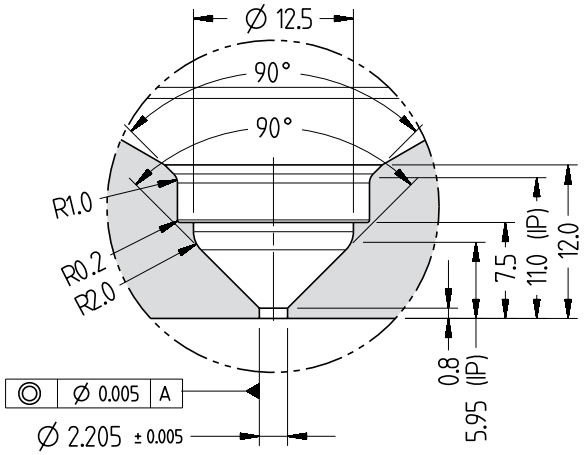
E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Conical Gate



Cylindrical Gate



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

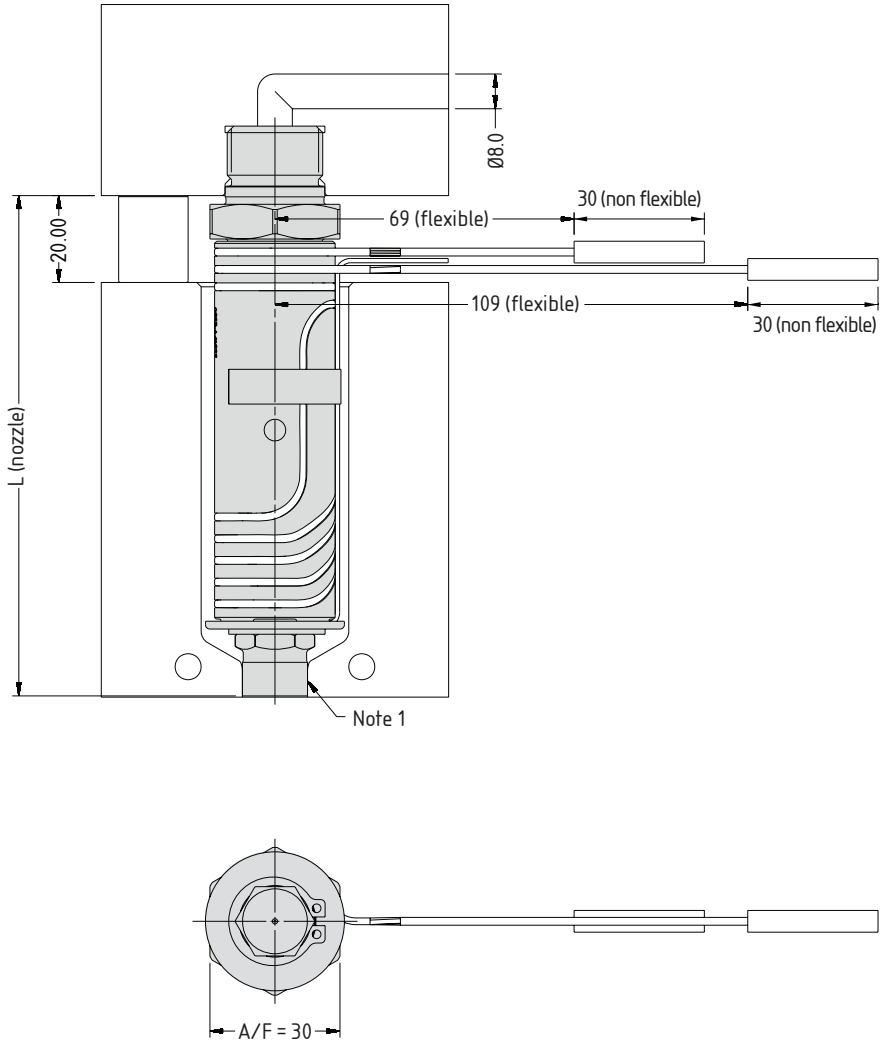
Tip and Nut Material Grade Availability

	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 19 TV)	✓	×	×	×
Open Tip (X 19 OV)	✓	×	✓	✓

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions



Note

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

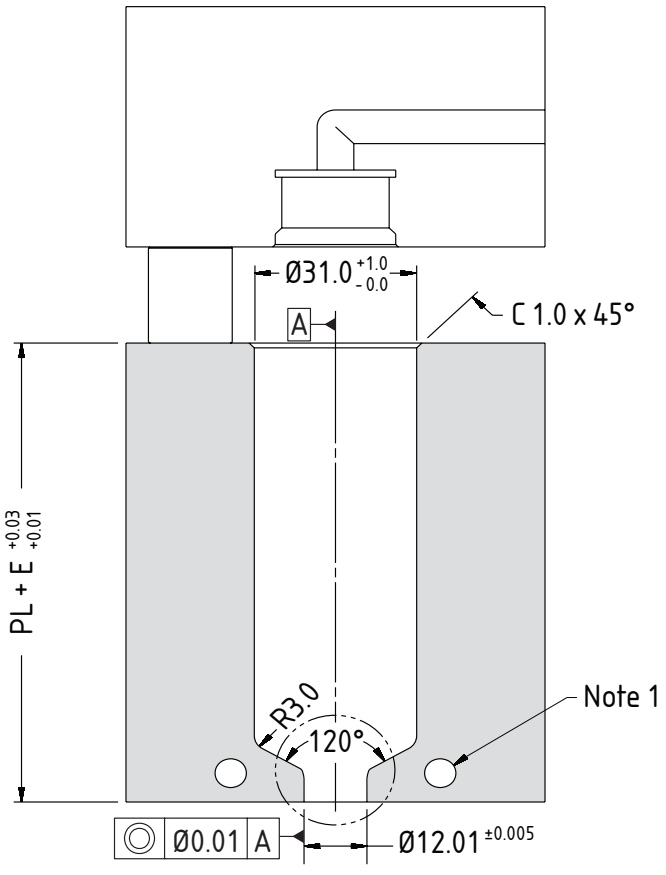
* Pins are supplied Ø3.0 x 250 and must be cut to required length and taper added by mould maker at time of installation.

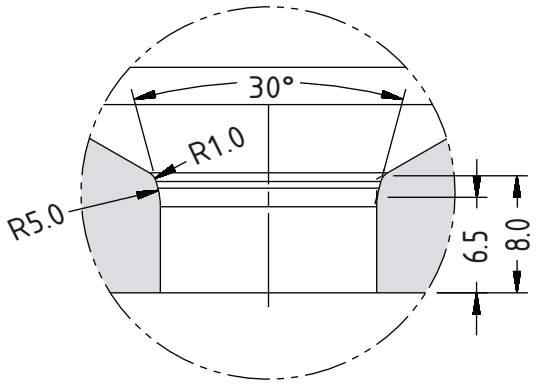
Conical Gate		Cylindrical Gate			
Multi-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTVBE19075G1H1	TXOVBE19075 G1H1/G5H1	TXGVBE19075G5H5	75	55	0.16
TXTVBE19095G1H1	TXOVBE19095 G1H1/G5H1	TXGVBE19095G5H5	95	75	0.21
TXTVBE19115G1H1	TXOVBE19115 G1H1/G5H1	TXGVBE19115G5H5	115	95	0.26
TXTVBE19130G1H1	TXOVBE19130 G1H1/G5H1	TXGVBE19130G5H5	130	110	0.30
TXTVBE19145G1H1	TXOVBE19145 G1H1/G5H1	TXGVBE19145G5H5	145	125	0.34
TXTVBE19175G1H1	TXOVBE19175 G1H1/G5H1	TXGVBE19175G5H5	175	155	0.41

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)





Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

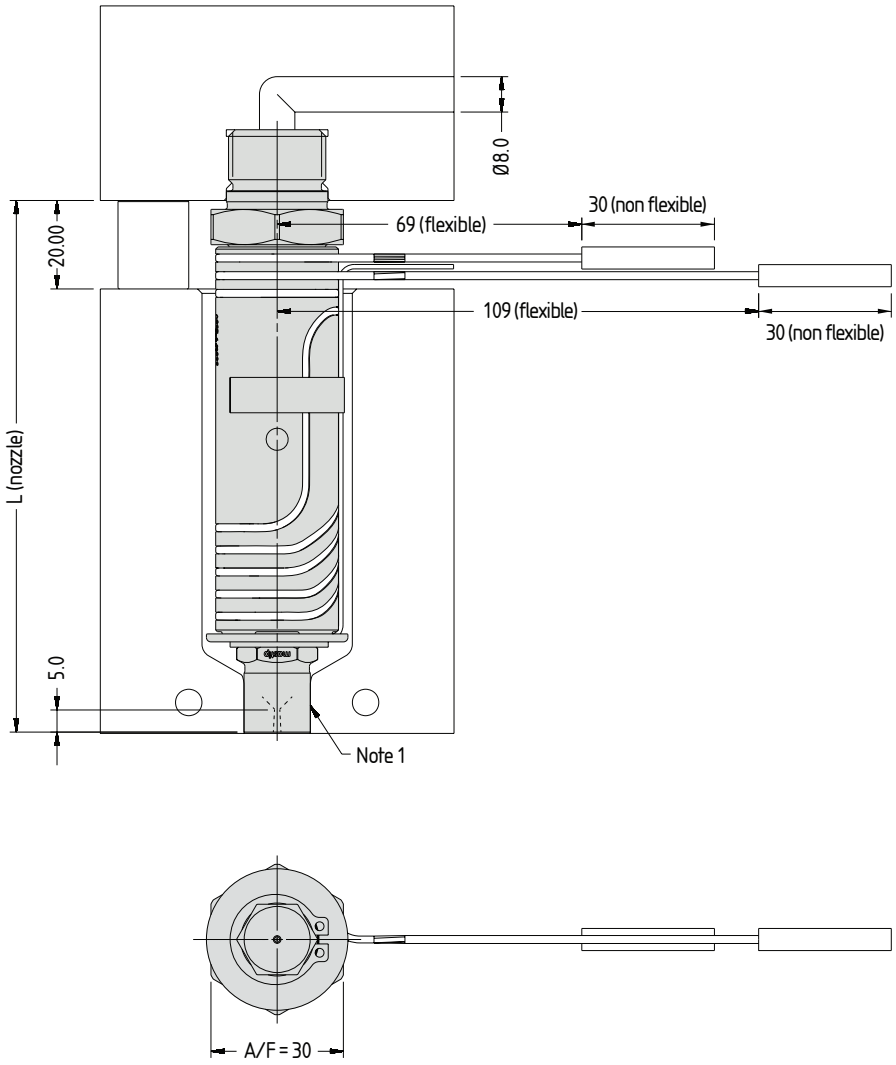
Tip and Nut Material Grade Availability

	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 19 TV)	✓	×	×	×
Open Tip (X 19 OV)	✓	×	✓	×

*Larger gate diameters are available as standard

Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions



Note

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

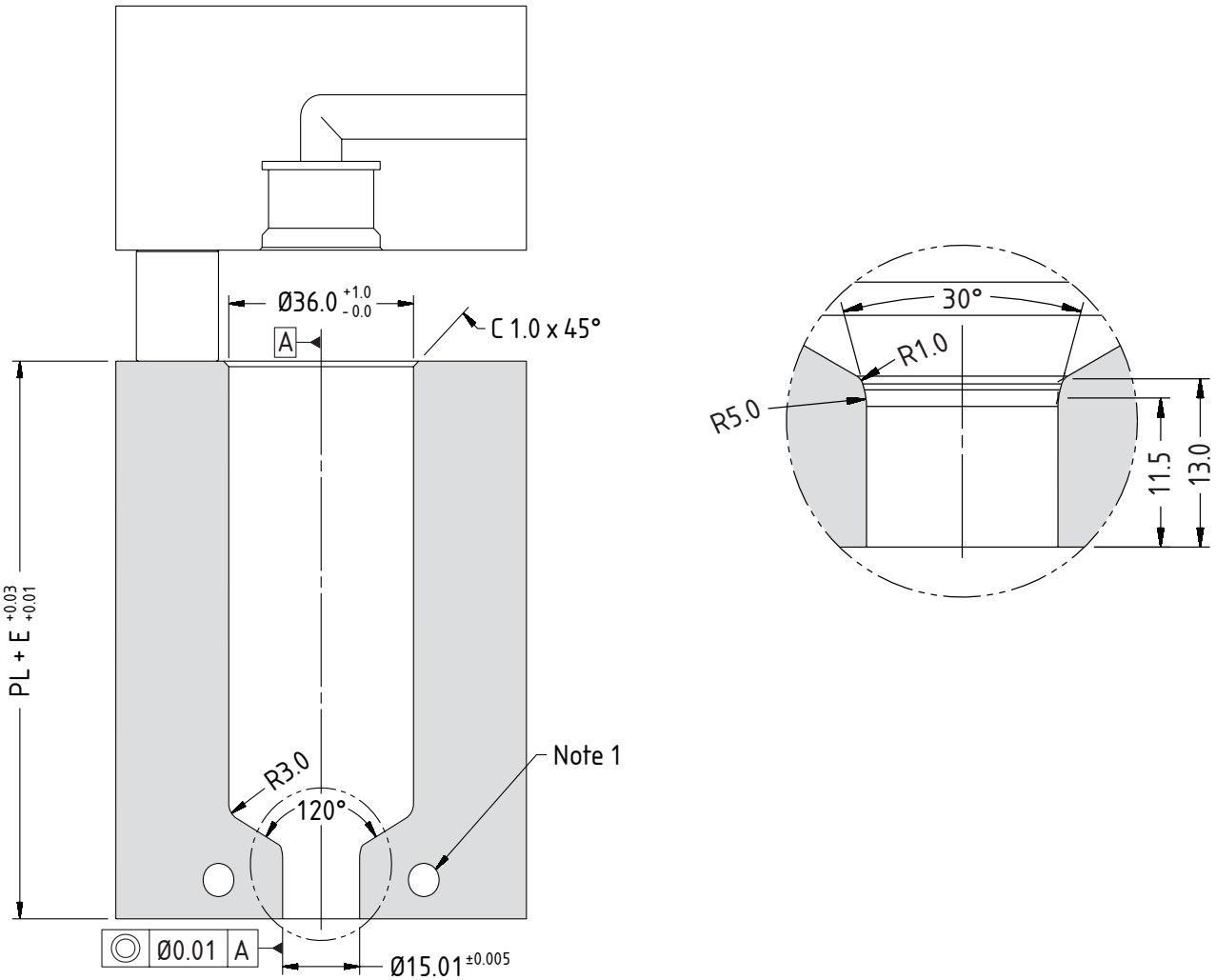
* Pins are supplied Ø3.0 x 250 and must be cut to required length and taper added by mould maker at time of installation.

Conical Gate				
Multi-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTVSN19075	TXOVSN19075	80	60	0.18
TXTVSN19095	TXOVSN19095	100	80	0.23
TXTVSN19115	TXOVSN19115	120	100	0.28
TXTVSN19130	TXOVSN19130	135	115	0.31
TXTVSN19145	TXOVSN19145	150	130	0.35
TXTVSN19175	TXOVSN19175	180	160	0.43

Longer nozzle lengths available on request
Maximum length: 600mm

Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.

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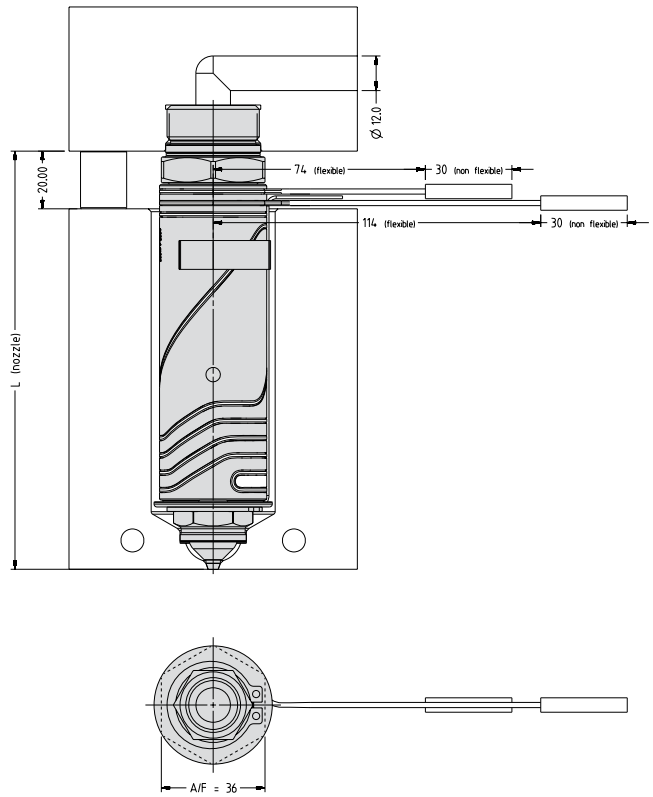
Tip Grade Availability

	Tip Grade		
Tip (Code)	G1	G2	G5
Multi-hole Torpedo Tip (X 27 TV)	✓	×	×
Open Tip (X 27 OV)	✓	×	✓
Guided Open Tip (X 27 GV)	×	×	✓

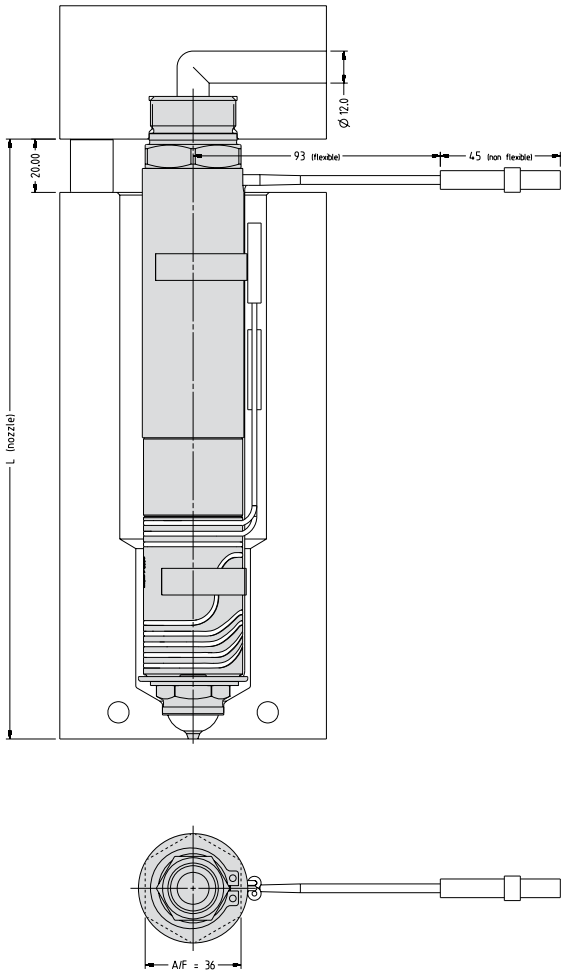
Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

TXTT27075 - TXTT27175



TXTT27225 - TXTT27275



Note

* Pins are supplied Ø5.0 x 350 and must be cut to required length and taper added by mould maker at time of installation

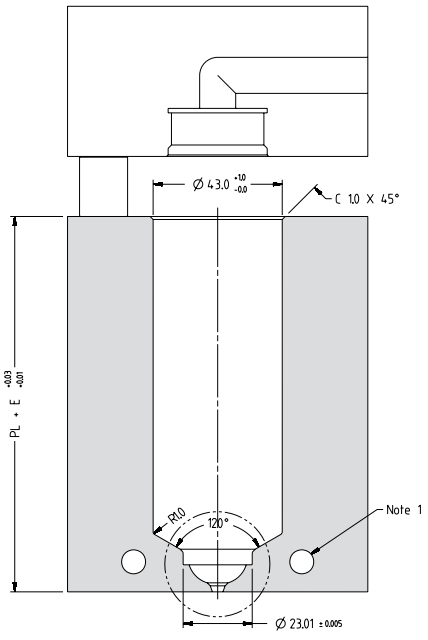
Conical Valve Gate		Cylindrical Gate			
Multi-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTV27075G1	TXOV27075 G1/G5	TXGV27075G5	75	55	0.16
TXTV27095G1	TXOV27095 G1/G5	TXGV27095G5	95	75	0.21
TXTV27115G1	TXOV27115 G1/G5	TXGV27115G5	115	95	0.26
TXTV27130G1	TXOV27130 G1/G5	TXGV27130G5	130	110	0.30
TXTV27145G1	TXOV27145 G1/G5	TXGV27145G5	145	125	0.34
TXTV27175G1	TXOV27175 G1/G5	TXGV27175G5	175	155	0.41
TXTV27225G1	TXOV27225 G1/G5	TXGV27225G5	225	205	0.54
TXTV27275G1	TXOV27275 G1/G5	TXGV27275G5	275	255	0.66

Longer nozzle lengths available on request. Maximum length: 600mm.

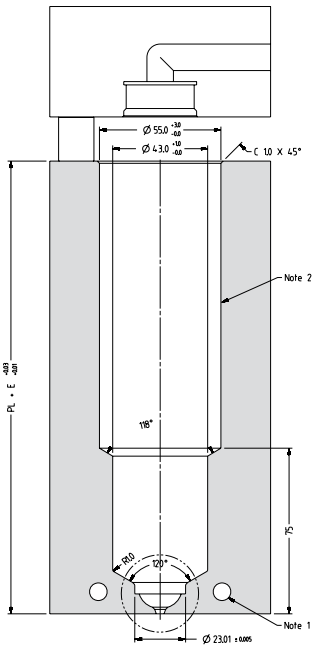
Nozzle Fitment and Gate Dimensions

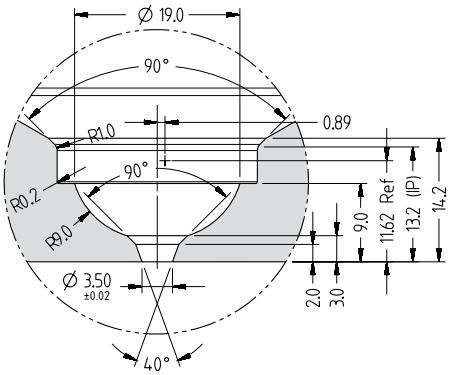
E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXTT27075 - TXTT27175

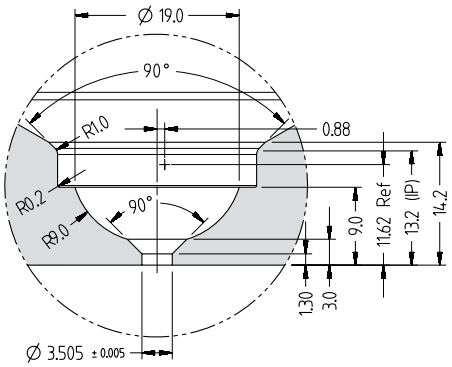


TXTT27225 - TXTT27275





Conical Gate



Cylindrical Gate

Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

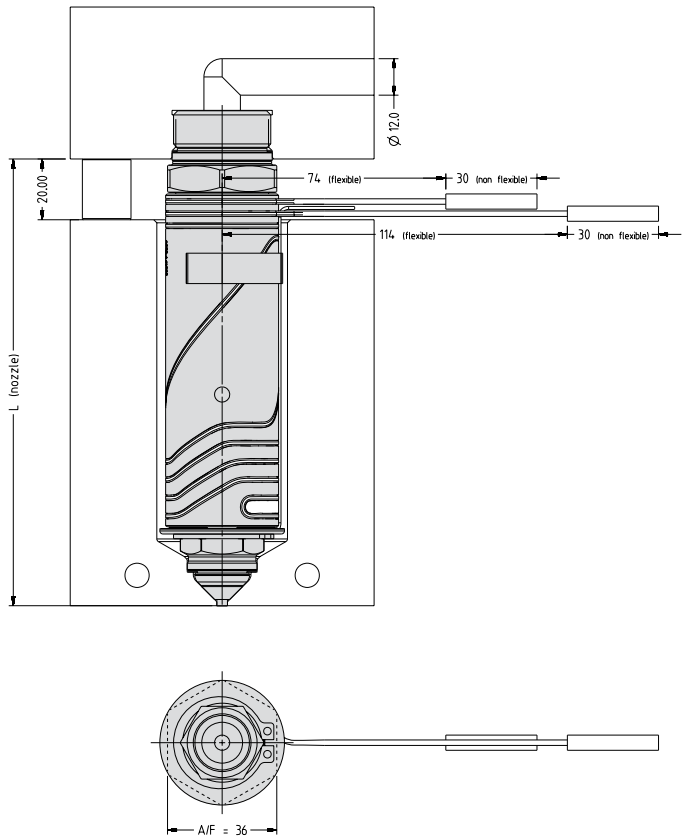
Tip Grade Availability

	Tip Grade		
Tip (Code)	G1	G2	G5
Open Tip (X 27 OV)	✓	×	✓
Guided Open Tip (X 27 GV)	×	×	✓

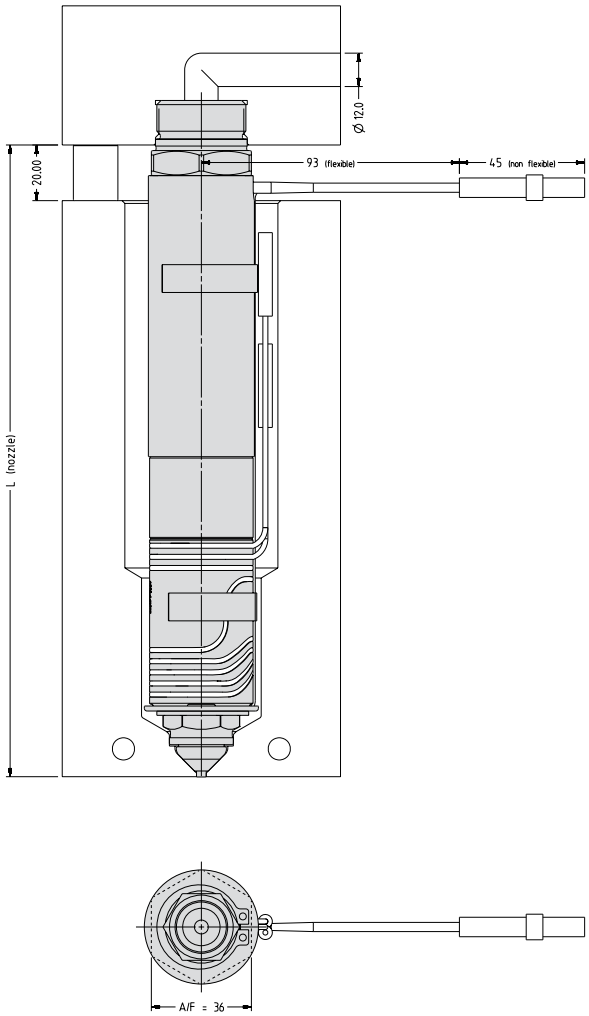
Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

TXTT27075 - TXTT27175



TXTT27225 - TXTT27275



Note

* Pins are supplied Ø5.0 x 350 and must be cut to required length and taper added by mould maker at time of installation

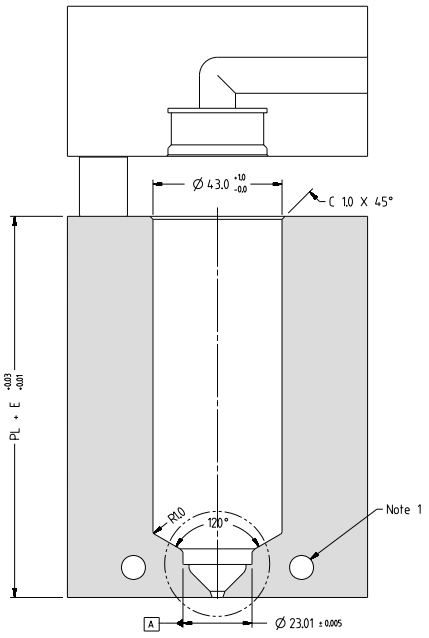
Conical Gate	Cylindrical Gate			
Open Valve Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXOV27075+CG1	TXGV27075+CG5	77	57	0.17
TXOV27095+CG1	TXGV27095+CG5	97	77	0.22
TXOV27115+CG1	TXGV27115+CG5	117	97	0.27
TXOV27130+CG1	TXGV27130+CG5	132	112	0.30
TXOV27145+CG1	TXGV27145+CG5	147	127	0.34
TXOV27175+CG1	TXGV27175+CG5	177	157	0.42
TXOV27225+CG1	TXGV27225+CG5	227	207	0.54
TXOV27275+CG1	TXGV27275+CG5	277	257	0.67

Longer nozzle lengths available on request. Maximum length: 600mm.

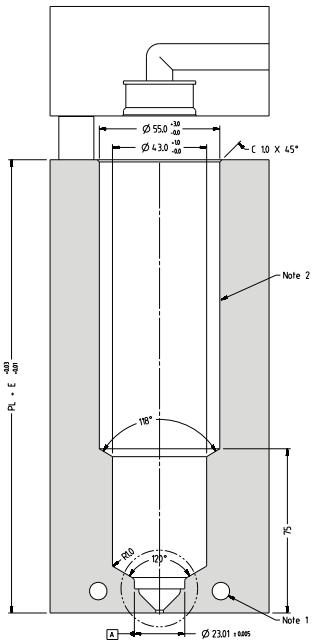
Nozzle Fitment and Gate Dimensions

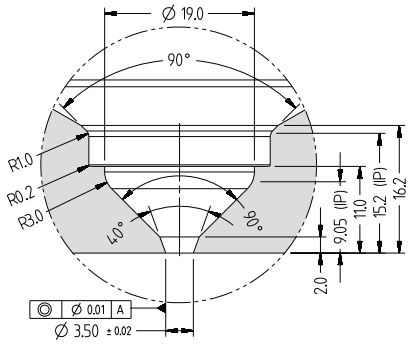
E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXTT27075 - TXTT27175

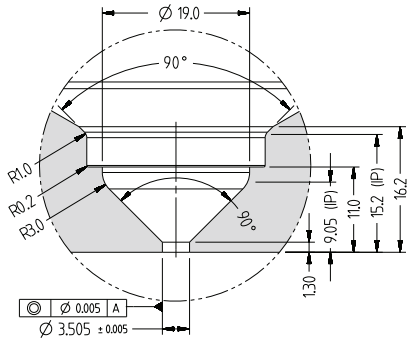


TXTT27225 - TXTT27275





Conical Gate



Cylindrical Gate

Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

Tip and Nut Material Grade Availability

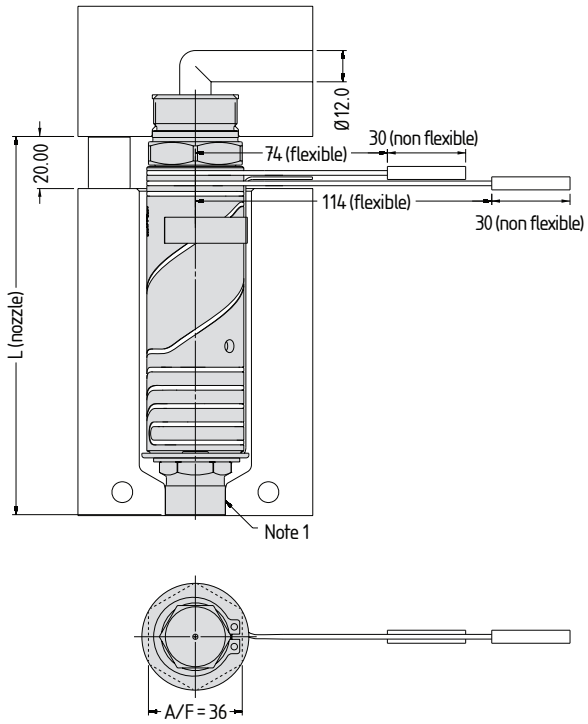
	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 27 TV)	✓	×	×	×
Open Tip (X 27 OV)	✓	×	✓	✓

*Larger gate diameters are available as standard

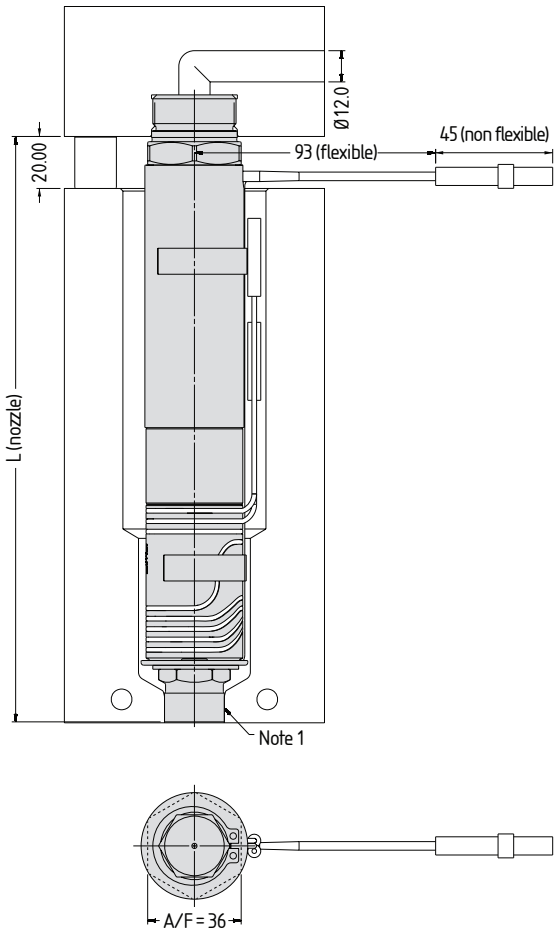
Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

TXBE27075 - TXBE27175



TXBE27225 - TXBE27275



Note

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

* Pins are supplied Ø5.0 x 350 and must be cut to required length and taper added by mould maker at time of installation.

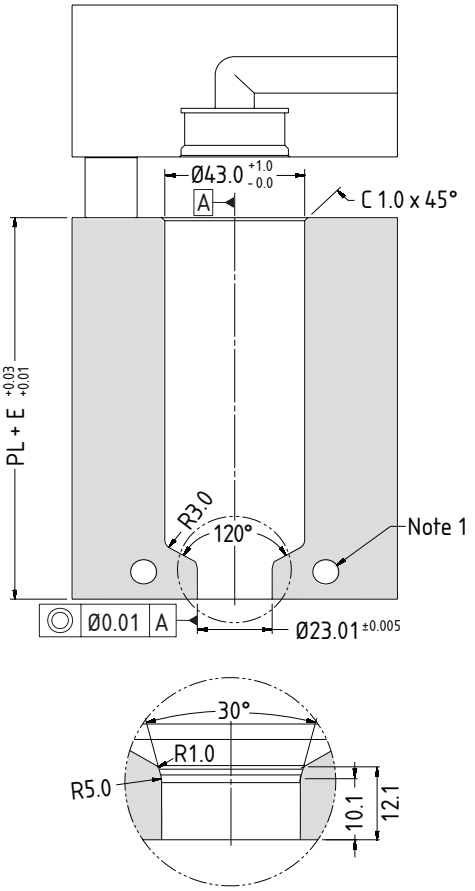
Conical Gate		Cylindrical Gate			
Multi-hole Torpedo Tip Nozzle Code	Open Valve Tip Nozzle Code	Guided Open Valve Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTVBE27075G1H1	TXOVBE27075 G1H1/G5H1	TXGVBE27075G5H5	75	55	0.16
TXTVBE27095G1H1	TXOVBE27095 G1H1/G5H1	TXGVBE27095G5H5	95	75	0.21
TXTVBE27115G1H1	TXOVBE27115 G1H1/G5H1	TXGVBE27115G5H5	115	95	0.26
TXTVBE27130G1H1	TXOVBE27130 G1H1/G5H1	TXGVBE27130G5H5	130	110	0.30
TXTVBE27145G1H1	TXOVBE27145 G1H1/G5H1	TXGVBE27145G5H5	145	125	0.34
TXTVBE27175G1H1	TXOVBE27175 G1H1/G5H1	TXGVBE27175G5H5	175	155	0.41
TXTVBE27225G1H1	TXOVBE27225 G1H1/G5H1	TXGVBE27225G5H5	225	205	0.54
TXTVBE27275G1H1	TXOVBE27275 G1H1/G5H1	TXGVBE27275G5H5	275	255	0.66

Longer nozzle lengths available on request. Maximum length: 600mm.

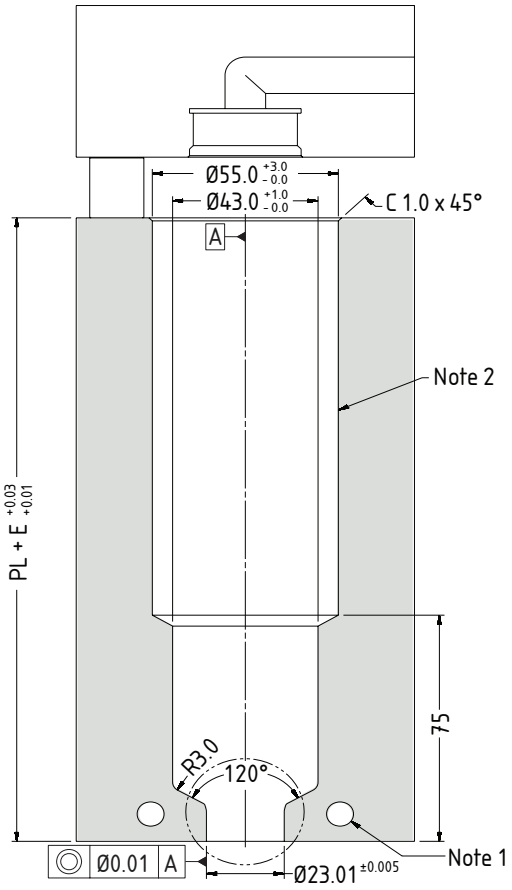
Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXBE27075 - TXBE27175



TXBE27225 - TXBE27275



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

Tip Grade Availability

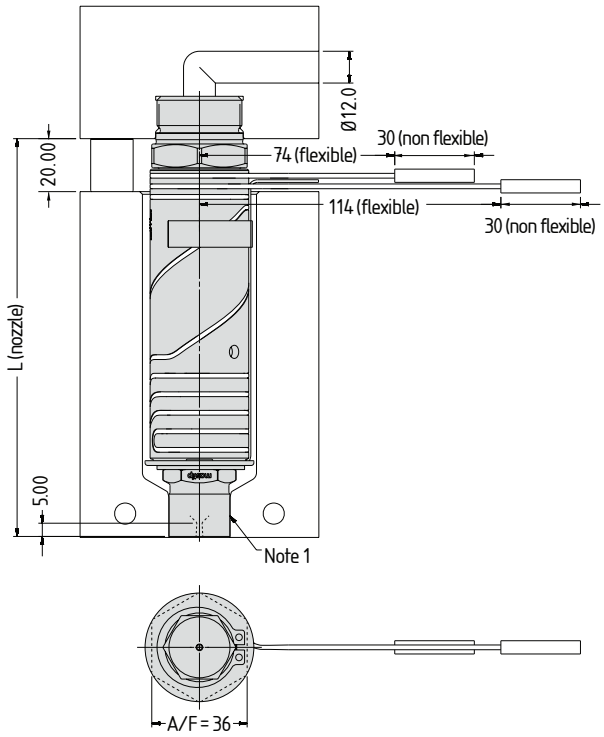
	Tip and Nut Grade			
Tip (Code)	G1/H1*	G2/H1*	G5/H1*	G5/H5
Multi-hole Torpedo Tip (X 27 TV)	✓	×	×	×
Open Tip (X 27 OV)	✓	×	✓	×

*Larger gate diameters are available as standard

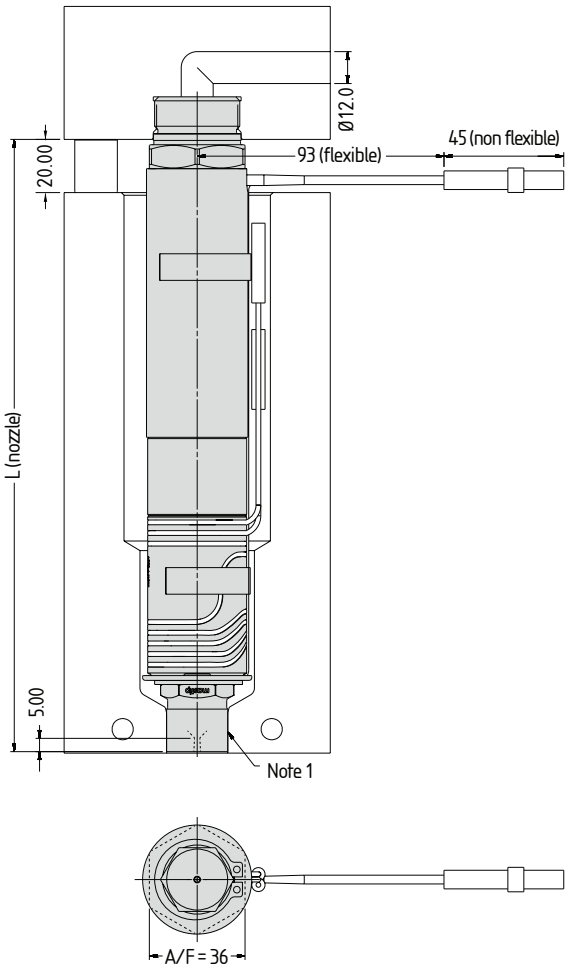
Refer to the System Selection Guide for the nozzle assembly order code incorporating Tips and Nuts

Nozzle Dimensions

TXSN27075 - TXSN27175



TXSN27225 - TXBN27275



Note

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

→ Modify gate diameter and land to suit the part. → See Gate Modifications in Technical Specifications.

* Pins are supplied Ø5.0 x 350 and must be cut to required length and taper added by mould maker at time of installation

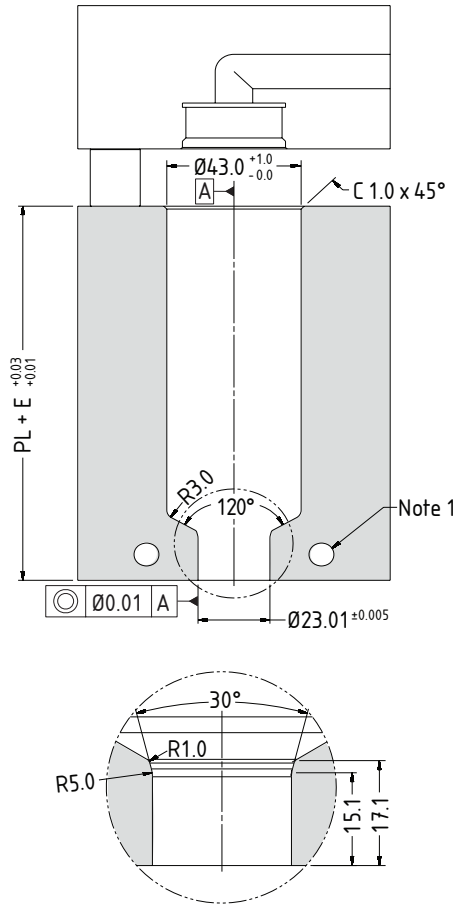
Conical Gate				
Multi-hole Torpedo Tip Nozzle Code	Open Tip Nozzle Code	L	PL	E@ΔT =200°C
TXTVSN27075	TXOVSN27075	80	60	0.18
TXTVSN27095	TXOVSN27095	100	80	0.23
TXTVSN27115	TXOVSN27115	120	100	0.28
TXTVSN27130	TXOVSN27130	135	115	0.31
TXTVSN27145	TXOVSN27145	150	130	0.35
TXTVSN27175	TXOVSN27175	180	160	0.43
TXTVSN27225	TXOVSN27225	230	210	0.55
TXTVSN27275	TXOVSN27275	280	260	0.68

Longer nozzle lengths available on request. Maximum length: 600mm.

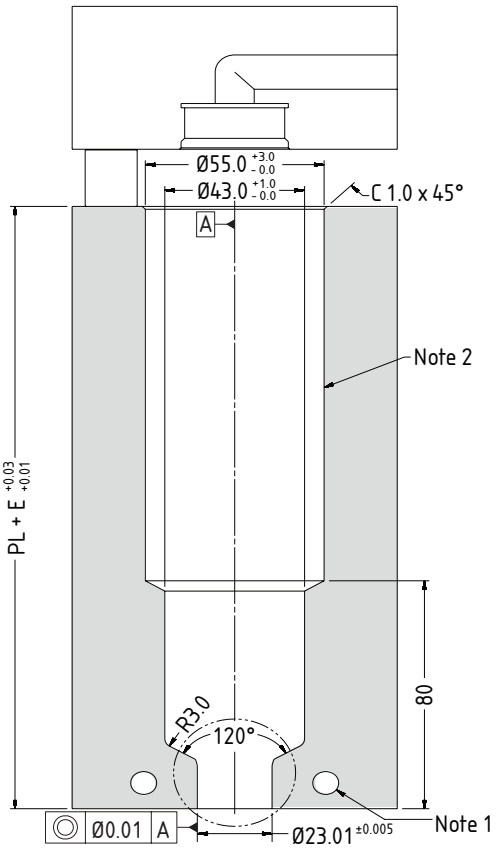
Nozzle Fitment and Gate Dimensions

E = (PL + (20/2)) x 0.0000125 x (nozzle temp. °C - mould temp. °C)

TXSN27075 - TXSN27175



TXSN27225 - TXSN27275



Note

1. Gate cooling is critical for correct operation and gate quality. → See Cooling section in Technical Specifications.
2. TX27225 - TX27275 uses two heaters. Larger pocket is to accomodate the front heater wiring.

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