

New Product Announcement

NEW-404 • 07/2025

Page 1/11

REAMING

Reamer Series (Depth of Cut)

ITSRG (5xD)

ITSXG (5xD) - Coming Soon!

Diameter Range

6-20 mm; .250-.750"

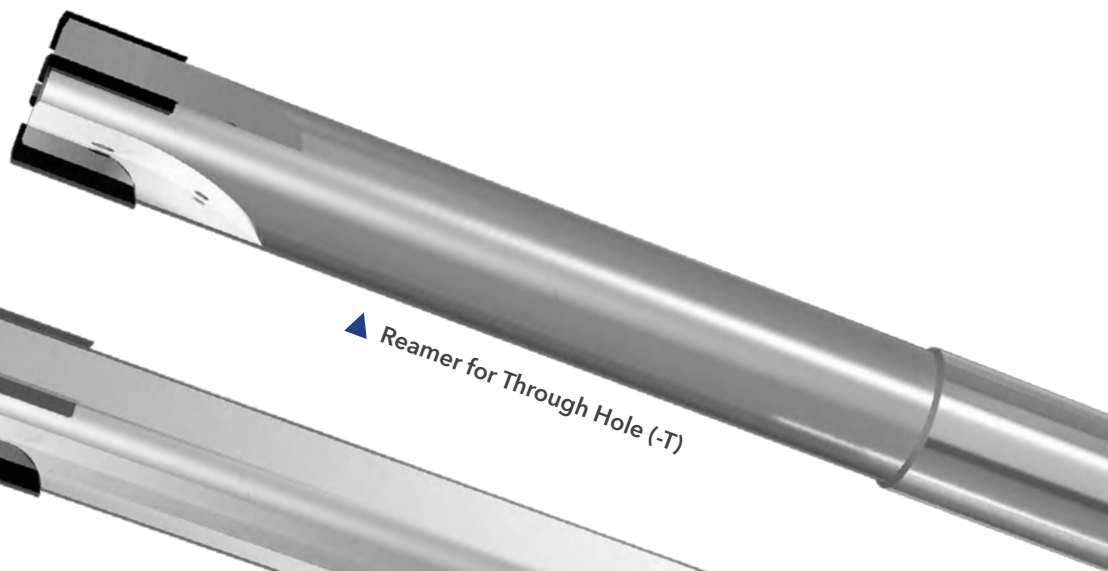
Geometries

Separate designs for
through holes and
for blind holes

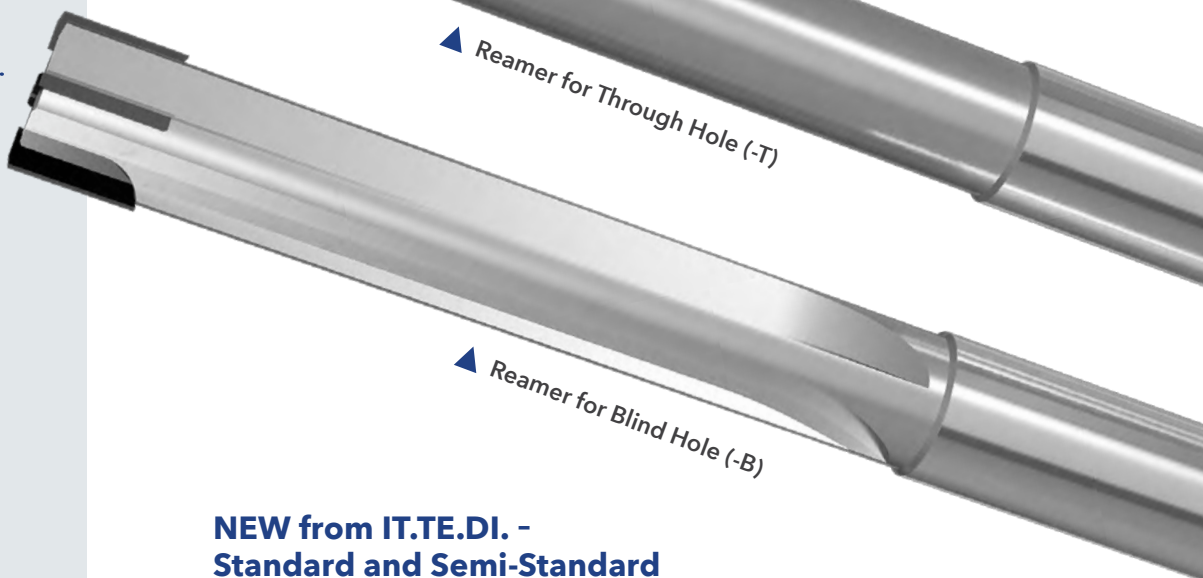
Materials

■ Non-Ferrous

TEDI BRZ REAM



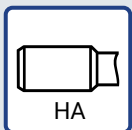
▲ Reamer for Through Hole (-T)



▲ Reamer for Blind Hole (-B)



Internal
Cooling



Shank (h6)
DIN 6535



5 Times
the Diameter



Tolerance

NEW from IT.TE.DI. - Standard and Semi-Standard Reamers With PCD Tips

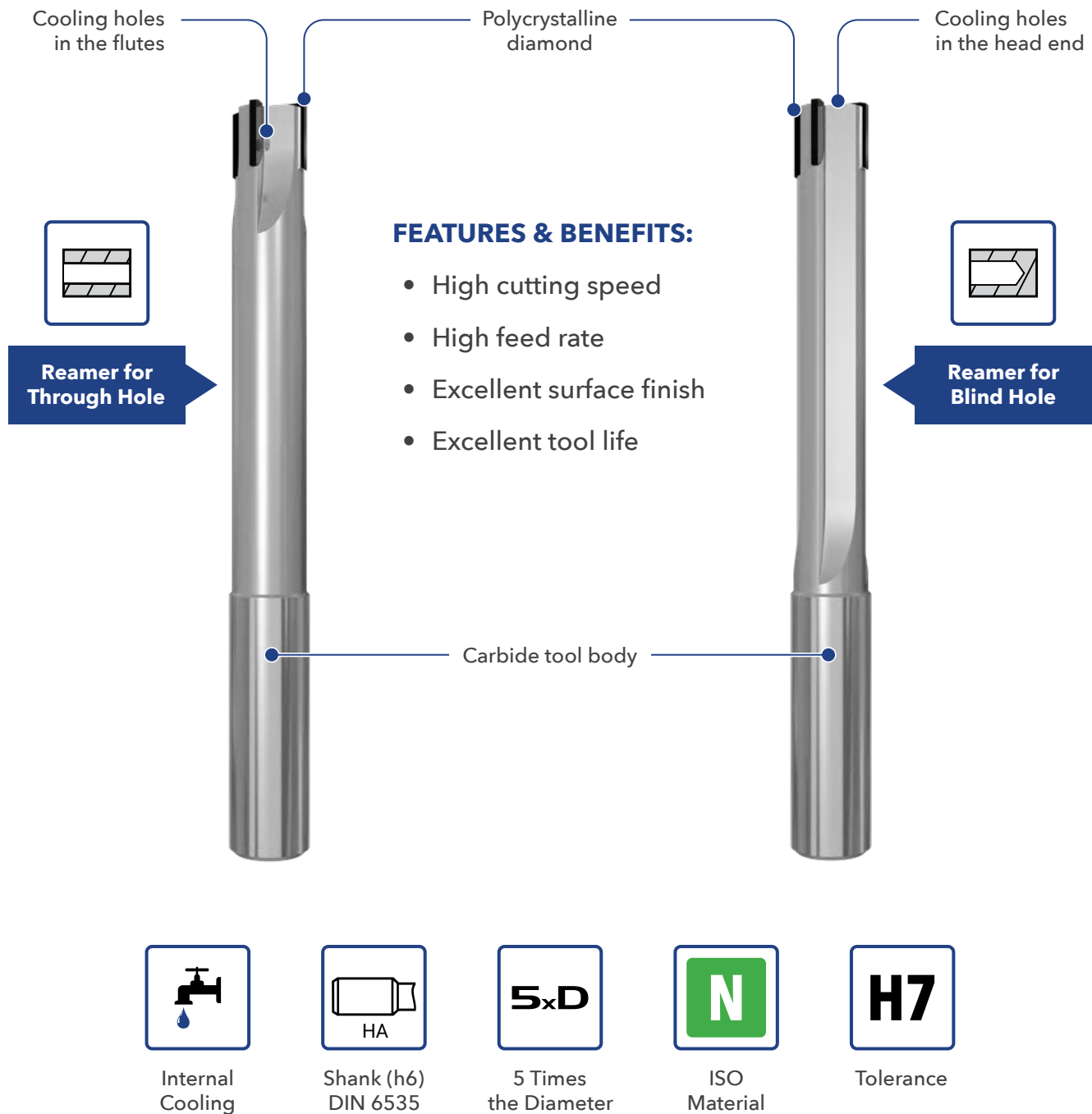
- » High cutting speed
- » High feed rate
- » Excellent surface finish
- » Excellent tool life

IT.TE.DI. North America products are
presented by Ingersoll Cutting Tools

ingersoll-imc.com



Overview: Standard Reamers

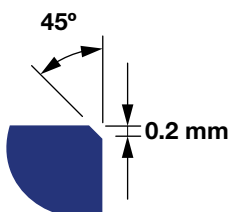
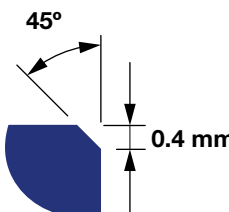
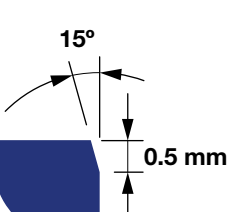
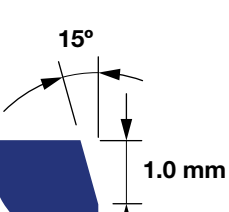


Codify: Standard Reamers

Request for quote form
on page [11](#).

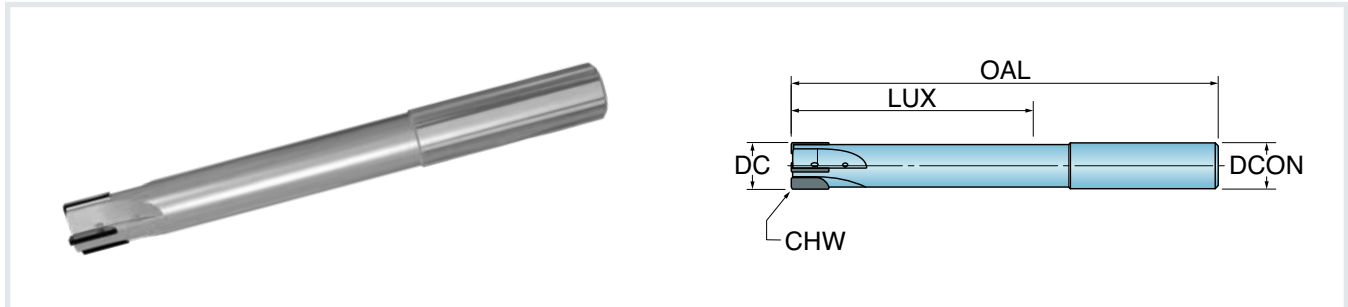
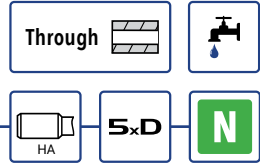
PRODUCT		HOLE		CUTTING DIAMETER Ø		TOLERANCE	
ITSRG	Standard Reamer	B	Blind	D (mm)	D06.000	X	H6
		T	Through	I (INCH)	D08.000	H	H7 (Standard)
					D10.000		
					.250"		
					.375"		
					.500"		
					.625"		

ITSRG	-	B	-	D06.000	-	H	-	C02
-------	---	---	---	---------	---	---	---	-----

	LEAD EDGE / DIMENSION	
	C02	C04
C Chamfer 45°		
K Chamfer 75°		

Series ITSRG-T

PCD REAMER FOR THROUGH HOLE (RIGHT-HAND ROTATION)

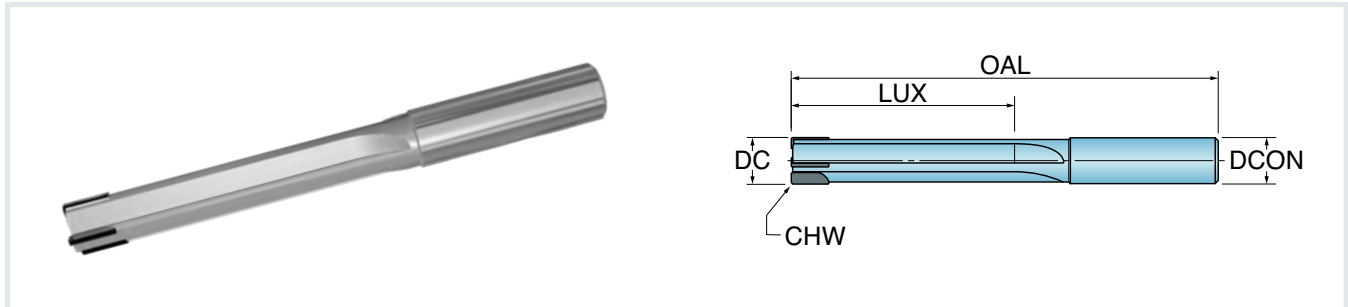
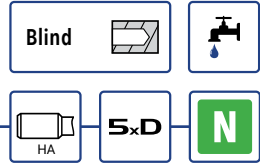


Part Number	DC Cutting Diameter	DCON Shank Diameter	OAL Overall Length	LUX Usable Length Max.	ZEFF Effective Teeth	CHW x KCH Corner Chamfer Width x Chamfer Angle
METRIC						
ITSRG-T-D06.000-K05	6.0	6.0	79.0	39.0	2	0.5 x 75°
ITSRG-T-D08.000-K05	8.0	8.0	92.0	52.0	4	0.5 x 75°
ITSRG-T-D10.000-K05	10.0	10.0	106.0	62.0	4	0.5 x 75°
ITSRG-T-D12.000-K10	12.0	12.0	124.0	74.0	4	1.0 x 75°
ITSRG-T-D14.000-K10	14.0	14.0	135.0	85.0	4	1.0 x 75°
ITSRG-T-D16.000-K10	16.0	16.0	150.0	97.0	4	1.0 x 75°
ITSRG-T-D18.000-K10	18.0	18.0	164.0	97.0	4	1.0 x 75°
ITSRG-T-D20.000-K10	20.0	20.0	164.0	100.0	4	1.0 x 75°
INCH						
ITSRG-T-I00.250-K05	0.250"	6.0 mm	3.11"	1.54"	2	.02" x 75°
ITSRG-T-I00.375-K05	0.375"	10.0 mm	4.17"	2.05"	4	.02" x 75°
ITSRG-T-I00.500-K10	0.500"	14.0 mm	5.31"	3.35"	4	.039" x 75°
ITSRG-T-I00.625-K10	0.625"	16.0 mm	5.91"	3.82"	4	.039" x 75°
ITSRG-T-I00.750-K10	0.750"	20.0 mm	6.46"	3.75"	4	.039" x 75°

Request for quote form on page [11](#).

Series ITSRG-B

PCD REAMER FOR BLIND HOLE (RIGHT-HAND ROTATION)



Part Number	DC Cutting Diameter	DCON Shank Diameter	OAL Overall Length	LUX Usable Length Max.	ZEFF Effective Teeth	CHW x KCH Corner Chamfer Width x Chamfer Angle
METRIC						
ITSRG-B-D06.000-C02	6.0	6.0	79.0	39.0	2	0.2 x 45°
ITSRG-B-D08.000-C02	8.0	8.0	92.0	52.0	4	0.2 x 45°
ITSRG-B-D10.000-C04	10.0	10.0	106.0	62.0	4	0.4 x 45°
ITSRG-B-D12.000-C04	12.0	12.0	124.0	74.0	4	0.4 x 45°
ITSRG-B-D14.000-C04	14.0	14.0	135.0	85.0	4	0.4 x 45°
ITSRG-B-D16.000-C04	16.0	16.0	150.0	97.0	4	0.4 x 45°
ITSRG-B-D18.000-C04	18.0	18.0	164.0	97.0	4	0.4 x 45°
ITSRG-B-D20.000-C04	20.0	20.0	164.0	100.0	4	0.4 x 45°
INCH						
ITSRG-B-I00.250-C02	0.250"	6.0 mm	3.11"	1.54"	2	.008" X 45°
ITSRG-B-I00.375-C04	0.375"	10.0 mm	4.17"	2.05"	4	.016" X 45°
ITSRG-B-I00.500-C04	0.500"	14.0 mm	5.31"	3.35"	4	.016" X 45°
ITSRG-B-I00.625-C04	0.625"	16.0 mm	5.91"	3.82"	4	.016" X 45°
ITSRG-B-I00.750-C04	0.750"	20.0 mm	6.46"	3.75"	4	.016" X 45°

Request for quote form on page [11](#).

Codify: Semi-Standard Reamers

Request for quote form
on page [11](#).

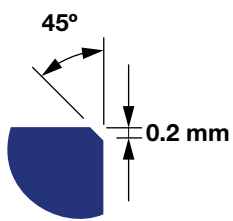
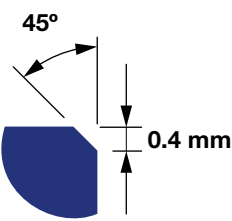
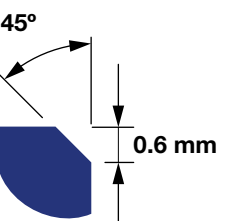
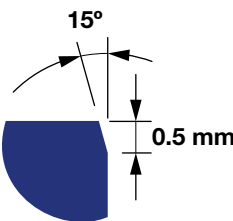
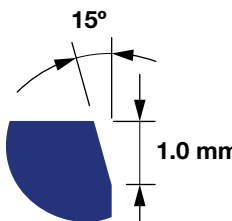
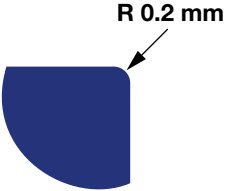
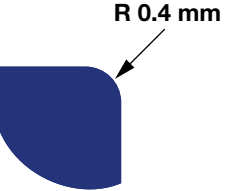
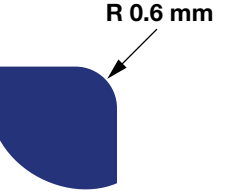
PRODUCT	
ITSXG	Semi-Standard Reamer

HOLE	
B	Blind
T	Through

CUTTING DIAMETER Ø	
D (mm)	xx.xx mm Dxx.xxx
	Example ▼
	08.250 mm D08.250
I (INCH)	xx.xxx" Ixx.xxx
	Example ▼
	01.250" I01.250

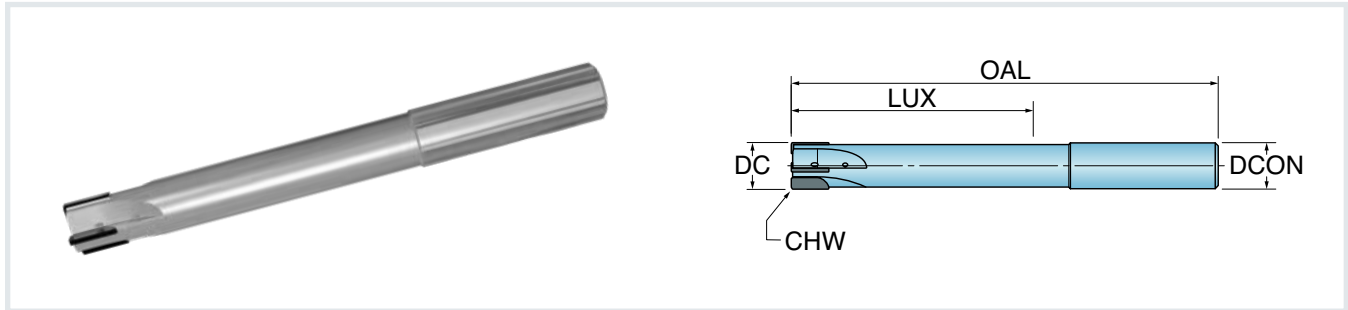
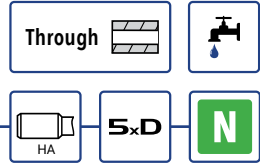
TOLERANCE	
X	H6
H	H7 (Standard)

ITSXG	-	B	-	Dxx.xxx	-	H	-	C02
-------	---	---	---	---------	---	---	---	-----

LEAD EDGE / DIMENSION			
C Chamfer 45°	C02	C04	C06
			
K Chamfer 75°	K05		K10
			
R Radius	R02	R04	R06
			

Series ITSXG-T

METRIC PCD REAMER FOR THROUGH HOLE (RIGHT-HAND ROTATION)

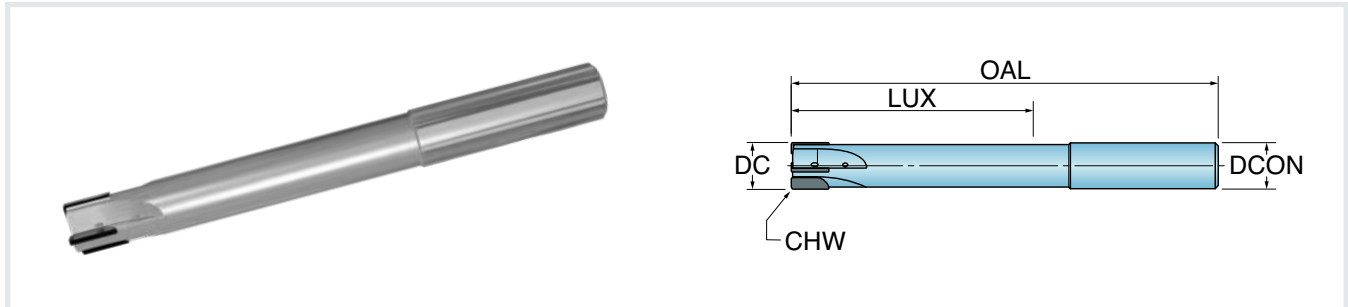
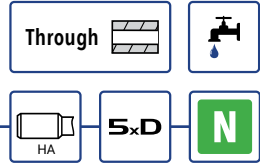


Part Number	DC Cutting Diameter	DCON Shank Diameter	OAL Overall Length	LUX Usable Length Max.	ZEFF Effective Teeth	TOL Tolerance	Lead Edge / Dimension Noted below *
METRIC						H = H7 (std) X = H6	
ITSXG-T-Dxxxx-Xxx	5.40 < DC < 6.06	6	79	22	2	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	6.07 < DC < 6.72	6	79	22	2	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	6.73 < DC < 7.38	6	79	27	2	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	7.39 < DC < 8.06	8	92	39.5	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	8.07 < DC < 8.71	8	92	39.5	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	8.72 < DC < 9.39	8	92	39.5	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	9.40 < DC < 10.39	10	106	48	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	10.40 < DC < 11.39	10	106	48	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	11.40 < DC < 12.39	12	124	59	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	12.40 < DC < 13.39	12	124	59	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	13.40 < DC < 14.39	14	135	68.8	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	14.40 < DC < 15.39	14	135	68.8	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	15.40 < DC < 16.39	16	150	79	4	H, X	C, K, R
ITSXG-T-Dxxxx-Xxx	16.40 < DC < 17.39	16	150	79	4	H, X	C, K, R

* C02	C04	C06	K05	K10
R02	R04	R06	Request for quote form on page 11.	

Series ITSXG-T

INCH PCD REAMER FOR THROUGH HOLE (RIGHT-HAND ROTATION)

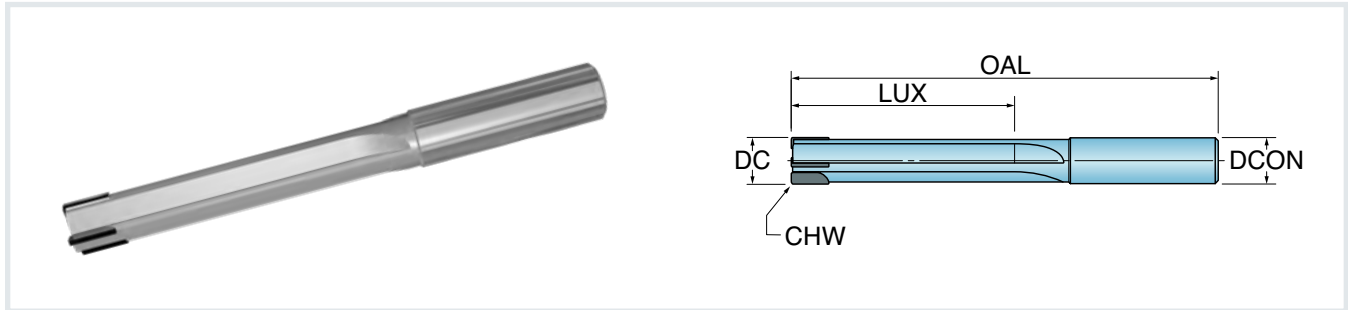
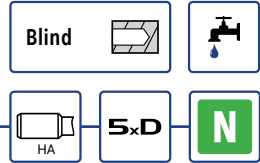


Part Number	DC Cutting Diameter	DCON Shank Diameter	OAL Overall Length	LUX Usable Length Max.	ZEFF Effective Teeth	TOL Tolerance	Lead Edge / Dimension Noted below *
INCH						H = H7 (std) X = H6	
ITSXG-T-xxxx-Xxx	0.2126 < DC < 0.2388	6	79	22	2	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.2389 < DC < 0.2651	6	79	22	2	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.2652 < DC < 0.2914	6	79	22	2	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.2915 < DC < 0.3177	8	92	39.5	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.3178 < DC < 0.3439	8	92	39.5	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.3440 < DC < 0.3700	8	92	39.5	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.3701 < DC < 0.4094	10	106	48	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.4095 < DC < 0.4488	10	106	48	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.4489 < DC < 0.4881	12	124	59	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.4882 < DC < 0.5275	12	124	59	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.5276 < DC < 0.5669	14	135	68.8	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.5670 < DC < 0.6062	14	135	68.8	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.6063 < DC < 0.6456	16	150	79	4	H, X	C, K, R
ITSXG-T-xxxx-Xxx	0.6457 < DC < 0.6850	16	150	79	4	H, X	C, K, R

* C02	C04	C06	K05	K10
R02	R04	R06	Request for quote form on page 11.	

Series ITSXG-B

METRIC PCD REAMER FOR BLIND HOLE (RIGHT-HAND ROTATION)

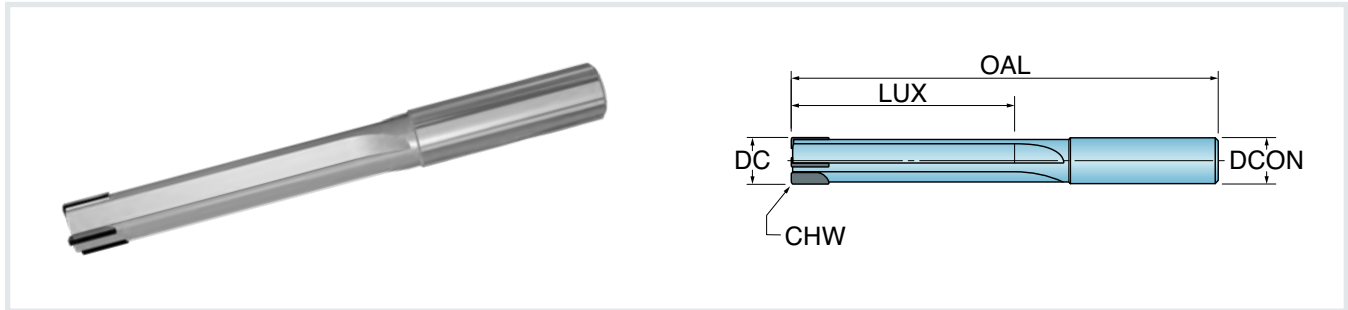
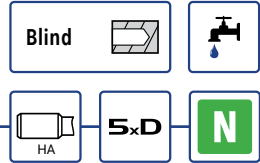


Part Number	DC Cutting Diameter	DCON Shank Diameter	OAL Overall Length	LUX Usable Length Max.	ZEFF Effective Teeth	TOL Tolerance	Lead Edge / Dimension Noted below *
METRIC						H = H7 (std) X = H6	
ITSXG-B-Dxxxx-Xxx	5.40 < DC < 6.06	6	79	22	2	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	6.07 < DC < 6.72	6	79	22	2	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	6.73 < DC < 7.38	6	79	27	2	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	7.39 < DC < 8.06	8	92	39.5	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	8.07 < DC < 8.71	8	92	39.5	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	8.72 < DC < 9.39	8	92	39.5	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	9.40 < DC < 10.39	10	106	48	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	10.40 < DC < 11.39	10	106	48	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	11.40 < DC < 12.39	12	124	59	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	12.40 < DC < 13.39	12	124	59	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	13.40 < DC < 14.39	14	135	68.8	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	14.40 < DC < 15.39	14	135	68.8	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	15.40 < DC < 16.39	16	150	79	4	H, X	C, K, R
ITSXG-B-Dxxxx-Xxx	16.40 < DC < 17.39	16	150	79	4	H, X	C, K, R

* C02	C04	C06	K05	K10
R02	R04	R06	Request for quote form on page 11.	

Series ITSXG-B

INCH PCD REAMER FOR BLIND HOLE (RIGHT-HAND ROTATION)



Part Number	DC Cutting Diameter	DCON Shank Diameter	OAL Overall Length	LUX Usable Length Max.	ZEFF Effective Teeth	TOL Tolerance	Lead Edge / Dimension Noted below *
INCH						H = H7 (std) X = H6	
ITSXG-B-1xxxx-Xxx	0.2126 < DC < 0.2388	6	79	22	2	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.2389 < DC < 0.2651	6	79	22	2	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.2652 < DC < 0.2914	6	79	22	2	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.2915 < DC < 0.3177	8	92	39.5	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.3178 < DC < 0.3439	8	92	39.5	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.3440 < DC < 0.3700	8	92	39.5	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.3701 < DC < 0.4094	10	106	48	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.4095 < DC < 0.4488	10	106	48	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.4489 < DC < 0.4881	12	124	59	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.4882 < DC < 0.5275	12	124	59	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.5276 < DC < 0.5669	14	135	68.8	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.5670 < DC < 0.6062	14	135	68.8	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.6063 < DC < 0.6456	16	150	79	4	H, X	C, K, R
ITSXG-B-1xxxx-Xxx	0.6457 < DC < 0.6850	16	150	79	4	H, X	C, K, R

* C02	C04	C06	K05	K10
R02	R04	R06	Request for quote form on page 11.	

Request for Quote Form

Distributor / End User Name:		Date:
Address:	Phone Number:	
Contact Person:	Email Address:	

STANDARD REAMERS (ITSRG)

Through Hole - See page [4](#)

Cutting Ø - Metric	Qty
• ITSRG-T-D06.000-K05	_____
• ITSRG-T-D08.000-K05	_____
• ITSRG-T-D10.000-K05	_____
• ITSRG-T-D12.000-K10	_____
• ITSRG-T-D14.000-K10	_____
• ITSRG-T-D16.000-K10	_____
• ITSRG-T-D18.000-K10	_____
• ITSRG-T-D20.000-K10	_____

Cutting Ø - Inch	Qty
• ITSRG-T-100.250-K05	_____
• ITSRG-T-100.375-K05	_____
• ITSRG-T-100.500-K10	_____
• ITSRG-T-100.625-K10	_____
• ITSRG-T-100.750-K10	_____

Blind Hole - See page [5](#)

Cutting Ø - Metric	Qty
• ITSRG-B-D06.000-C02	_____
• ITSRG-B-D08.000-C02	_____
• ITSRG-B-D10.000-C04	_____
• ITSRG-B-D12.000-C04	_____
• ITSRG-B-D14.000-C04	_____
• ITSRG-B-D16.000-C04	_____
• ITSRG-B-D18.000-C04	_____
• ITSRG-B-D20.000-C04	_____

Cutting Ø - Inch	Qty
• ITSRG-B-100.250-C02	_____
• ITSRG-B-100.375-C04	_____
• ITSRG-B-100.500-C04	_____
• ITSRG-B-100.625-C04	_____
• ITSRG-B-100.750-C04	_____

INSTRUCTIONS

- **Option 1:** Print this form, hand write your responses, and return to your local rep.
- **Option 2:** Fill out this form digitally, save, and email to your local rep.
- **Option 3:** Use the all-digital form linked to this QR code »



SEMI-STANDARD REAMERS

- See page [6](#) for codify details.
- Through hole reamer options: see pages [7](#) (metric) and [8](#) (inch)
- Blind hole reamer options: see pages [9](#) (metric) and [10](#) (inch)

Use table below to specify your semi-standard reamers ▼

SEMI-STANDARD REAMERS (ITSXG)

Line	Reamer Type	Hole Type T = Through B = Blind	Cutting Ø D = Metric I = Inch	Cutting Ø Dim (DC) See pgs 7-10	Tolerance H = H7 (std) X = H6	Lead Edge / Dimension See page 6 for details	Qty
1.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
2.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
3.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
4.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
5.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
6.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
7.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
8.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
9.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	
10.	ITSXG-	T B	D I		H X	C02 C04 C06 K05 K10 R02 R04 R06	

PRINT FORM