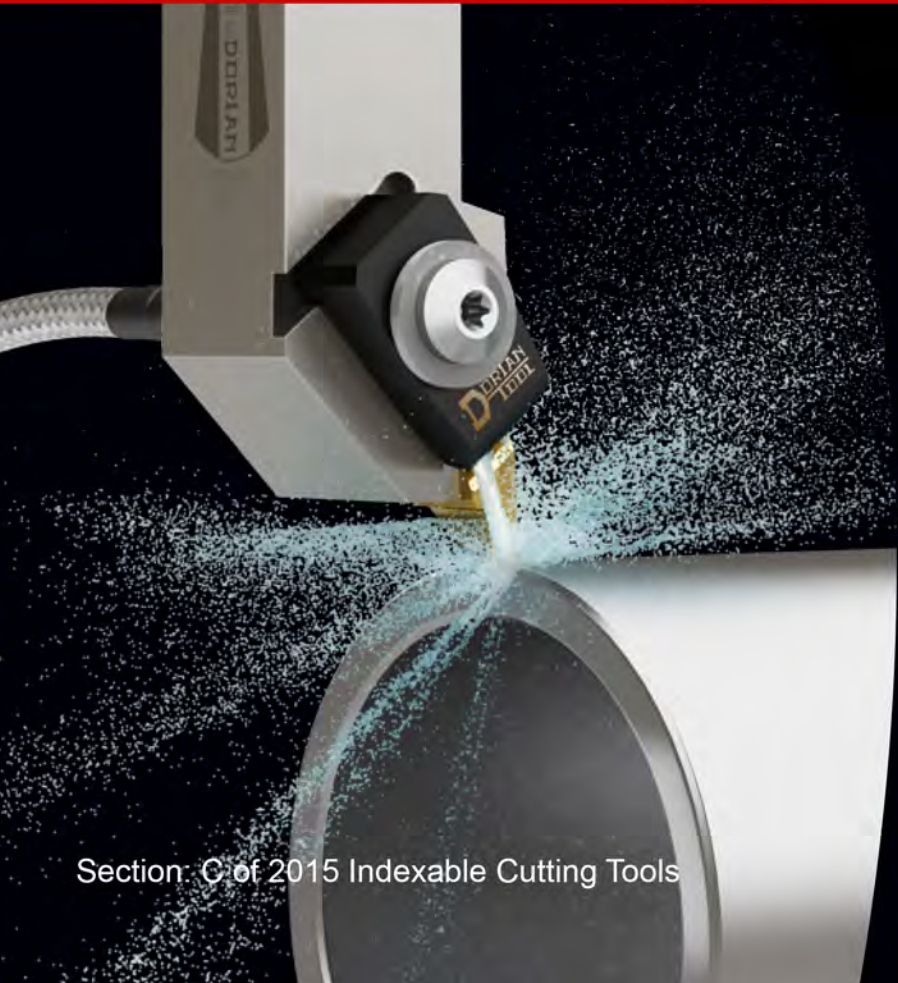
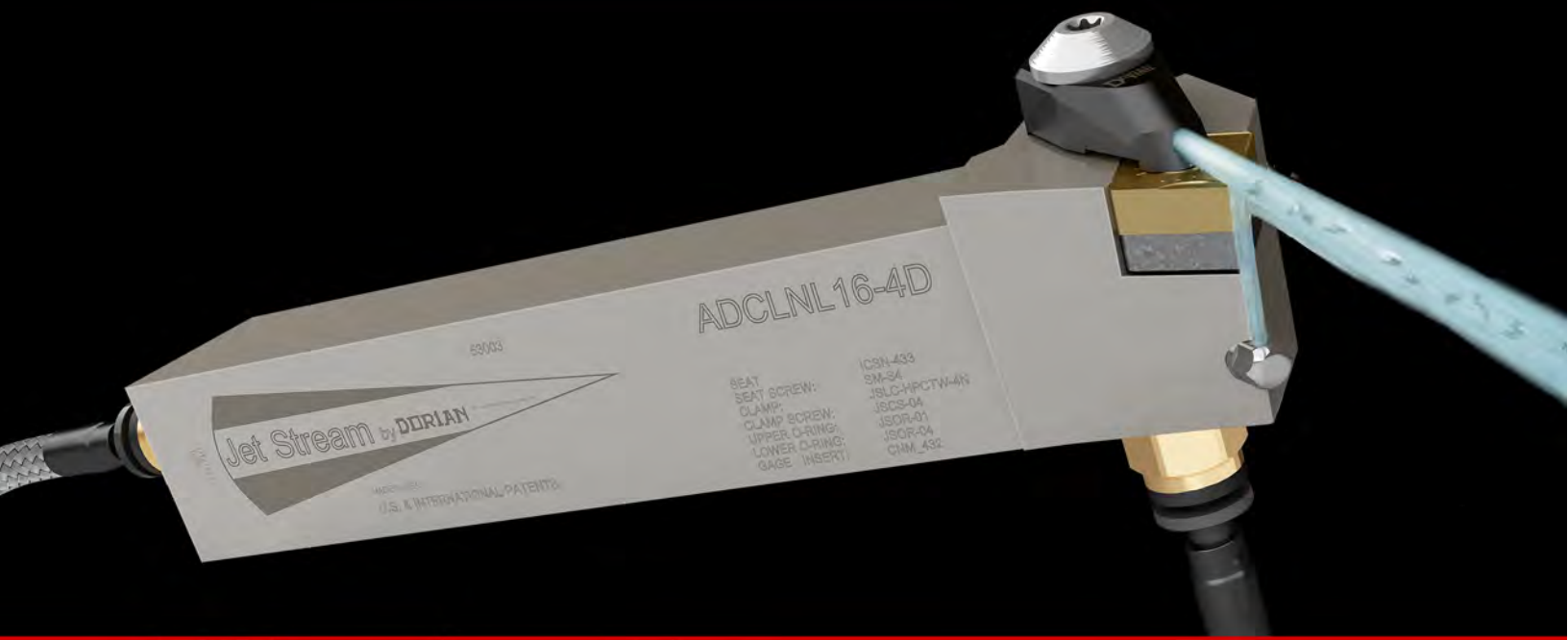




The First Choice  
TECHNOLOGY

# Jet-Stream™

## Thru Coolant Cutting Tools



Changing The Way Metal is Cut!

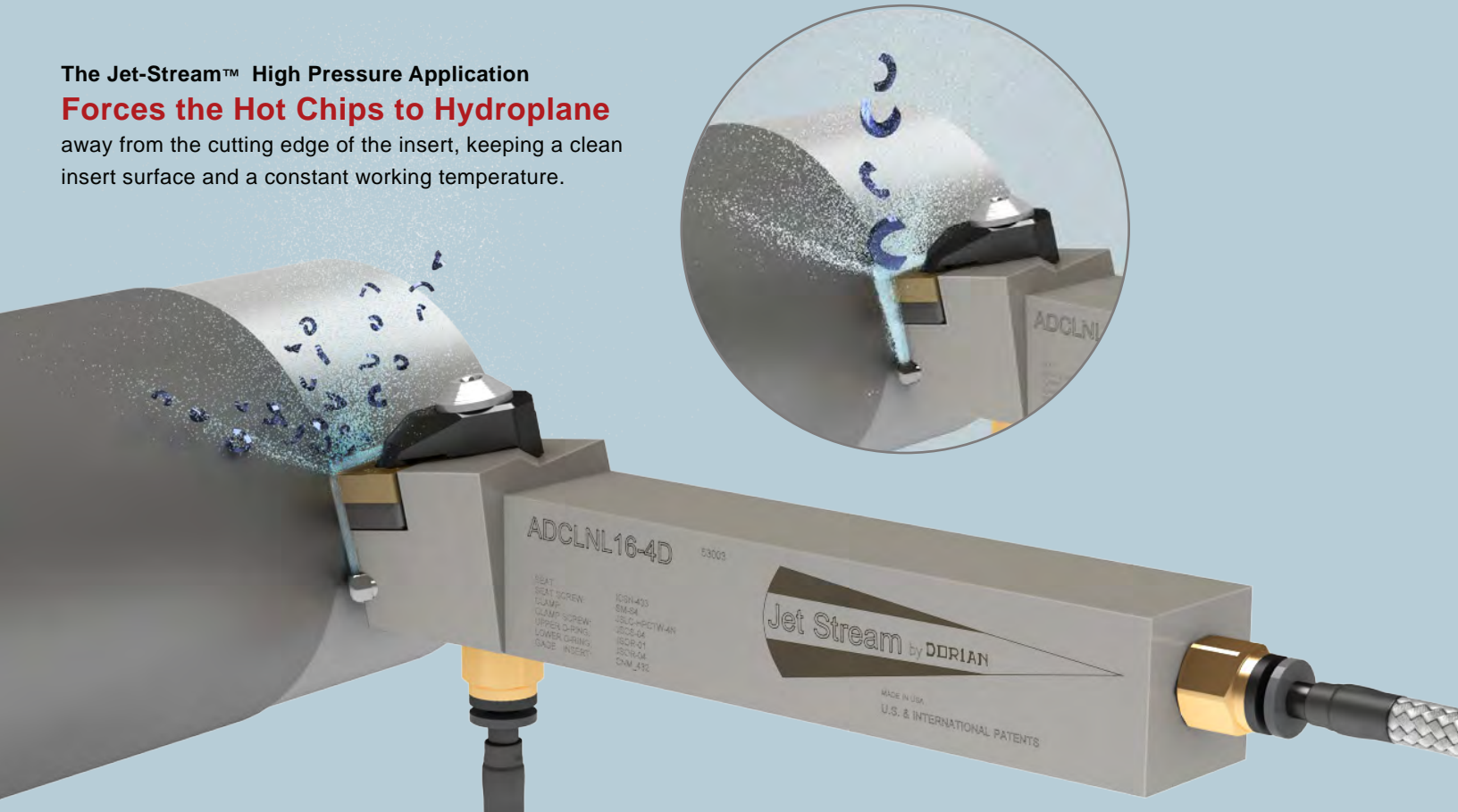


Section C of 2015 Indexable Cutting Tools

**Longer Insert Life, Better Surface Finish and Higher Speeds and Feeds!**

The patented Jet-Stream™ system is designed for use in all turning, boring and threading applications from heavy roughing to high-speed finishing and threading.

The Jet-Stream™ High Pressure Application Forces the Hot Chips to Hydroplane away from the cutting edge of the insert, keeping a clean insert surface and a constant working temperature.



Double Jet Coolant Outlet Thru Coolant Dor-Lock™ Clamp shoots coolant directly over the cutting edge of the insert.

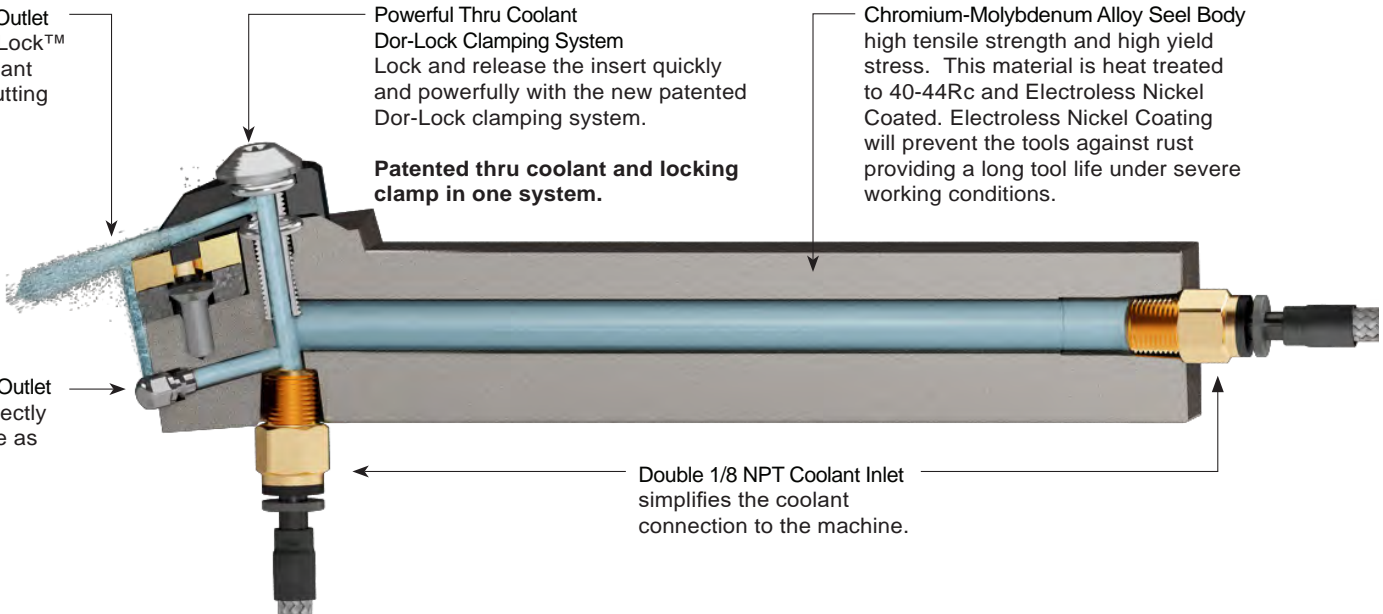
Powerful Thru Coolant Dor-Lock Clamping System Lock and release the insert quickly and powerfully with the new patented Dor-Lock clamping system.

Chromium-Molybdenum Alloy Seel Body high tensile strength and high yield stress. This material is heat treated to 40-44Rc and Electroless Nickel Coated. Electroless Nickel Coating will prevent the tools against rust providing a long tool life under severe working conditions.

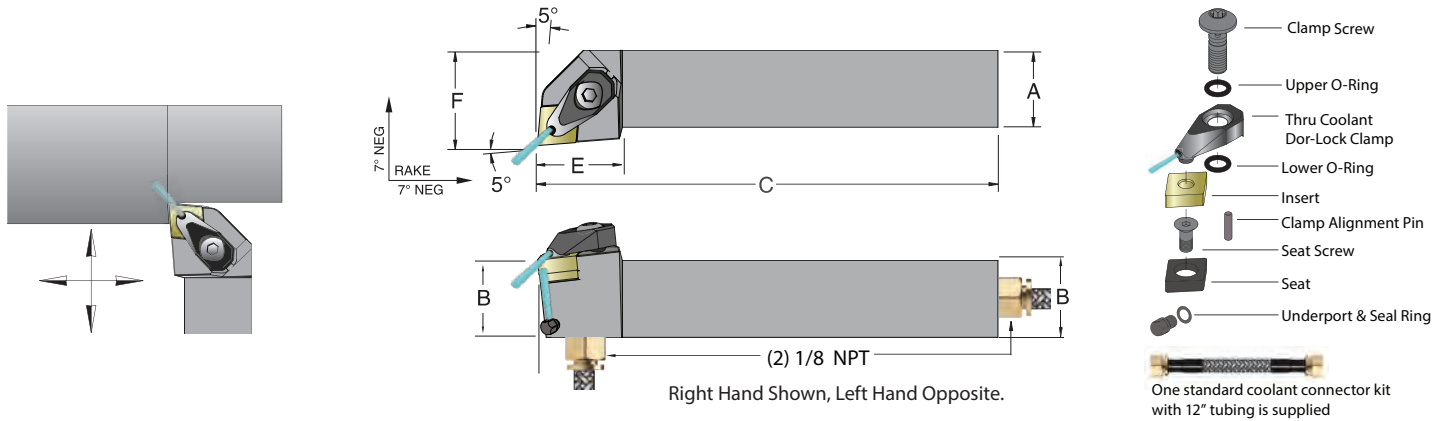
**Patented thru coolant and locking clamp in one system.**

Double Jet Coolant Outlet Coolant shoots directly over the workpiece as well as the insert shown above.

Double 1/8 NPT Coolant Inlet simplifies the coolant connection to the machine.



**ADCLN R/L Toolholder Style L - 5° end or side cutting lead angle for negative 80° diamond CNM\_inserts**

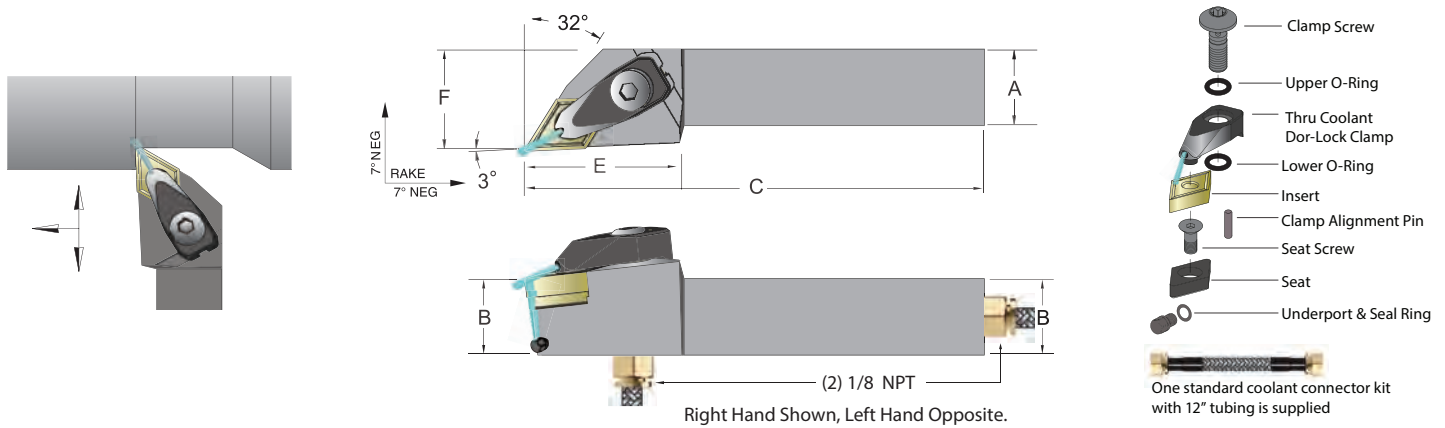


Inch Description	UPC No. 733101-		A	B	C	E	F	CNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring
	R.H.	SALE												
ADCLNR/L-12-4B	53000	<b>\$155</b>	0.75	0.75	4.50	1.250	1.000	432	JC-432	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADCLNR/L-16-4D	53002	<b>\$155</b>	1.00	1.00	6.00	1.250	1.250	432	JC-432	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADCLNR/L-20-4D	53004	<b>\$190</b>	1.25	1.25	6.00	1.250	1.500	432	JC-432	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADCLNR/L-20-5D	53006	<b>\$190</b>	1.25	1.25	6.00	1.375	2.000	543	JC-533	SM-M6	JSLC-HPC5	JSCS-04	JSOR-01	JSOR-04

LH and other sizes available upon request.

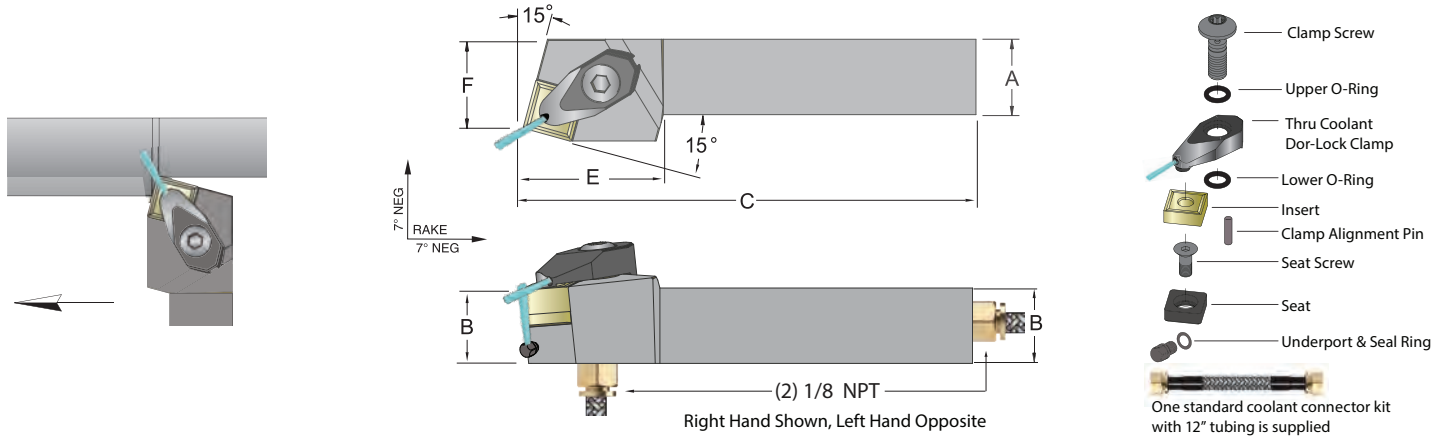
***All holders supplied with steel braided coolant hose!***

**ADDJN R/L Toolholder Style J - 3° side cutting lead angle for negative 55° diamond DNM\_inserts**



Inch Description	UPC No. 733101-		A	B	C	E	F	DNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring
	R.H.	SALE												
ADDJNR/L-12-3B	53016	<b>\$167</b>	0.75	0.75	4.50	1.500	1.000	332	IDSN-322	SM-M4-245	JSLC-HPD3	JSCS-04	JSOR-01	JSOR-04
ADDJNR/L-12-4B	53018	<b>\$179</b>	0.75	0.75	4.50	1.500	1.000	432	JD-432	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04
ADDJNR/L-16-4D	53020	<b>\$190</b>	1.00	1.00	6.00	1.500	1.250	432	JD-432	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04
ADDJNR/L-20-4D	53022	<b>\$204</b>	1.25	1.25	6.00	1.500	1.500	432	JD-432	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04

**ADSRN R/L Toolholder Style R - 15° side cutting lead angle for negative square SNM\_inserts**

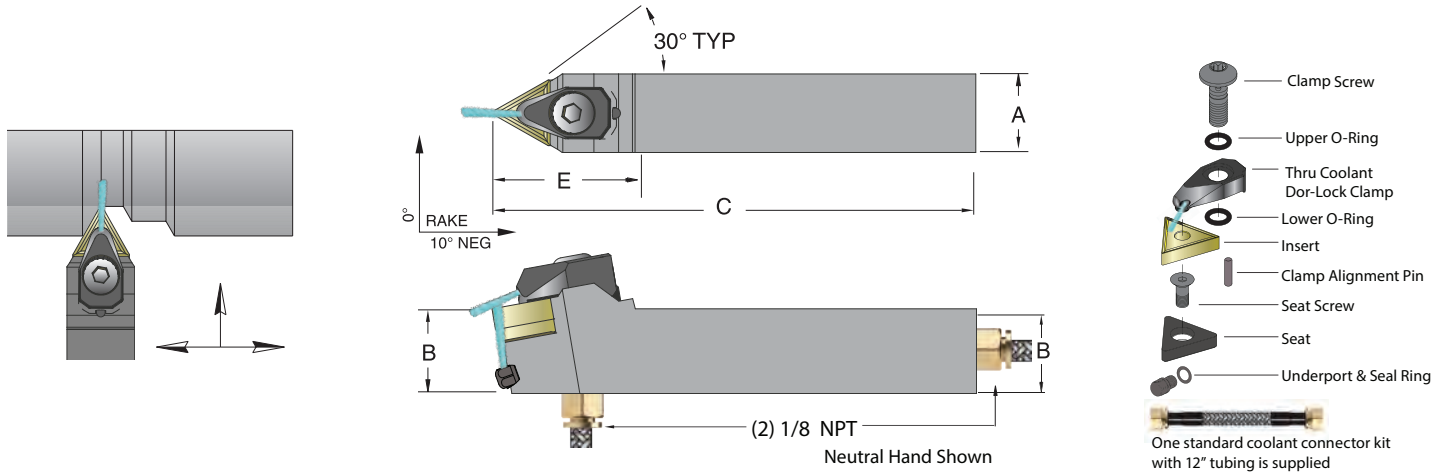


Inch Description	UPC No. 733101-R.H.		A	B	C	E	F	SNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring
		<b>SALE</b>												
ADSRNR/L-12-4B	53040	<b>\$155</b>	0.75	0.75	4.50	1.375	0.880	432	JS-432	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADSRNR/L-16-4D	53043	<b>\$179</b>	1.00	1.00	6.00	1.375	1.000	432	JS-432	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADSRNR/L-20-5D	53045	<b>\$190</b>	1.25	1.25	6.00	1.375	1.000	543	JS-533	SM-M6	JSLC-HPC5	JSCS-04	JSOR-01	JSOR-04

LH and other sizes available upon request.

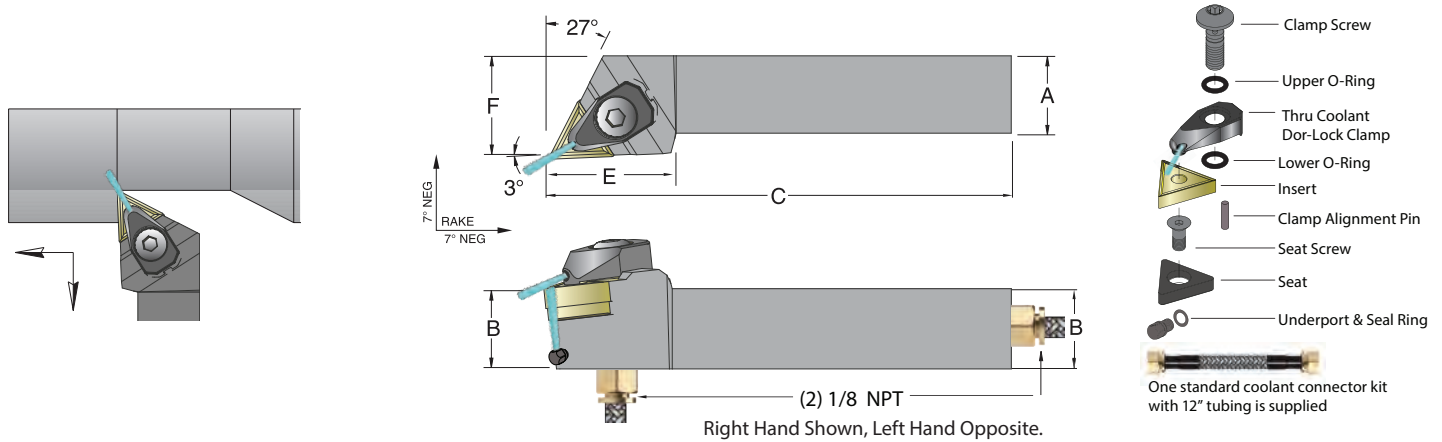
***All holders supplied with steel braided coolant hose!***

**ADTENN Toolholder Style E - 30° side cutting lead angle for negative triangle TNM\_inserts**



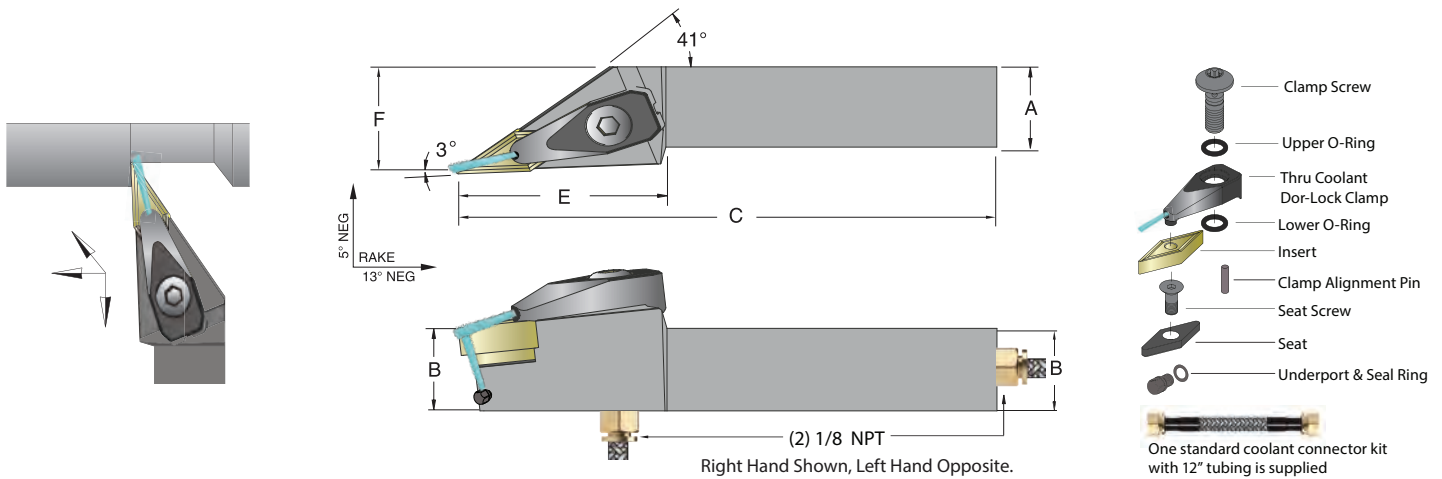
Inch Description	UPC No. 733101-Neutral		A	B	C	E	TNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring
		<b>SALE</b>											
ADTENN-12-3B	53075	<b>\$155</b>	0.75	0.75	4.50	1.375	332	JT-322	SM-M3-T	JSLC-HPTW3N	JSCS-04	JSOR-01	JSOR-04
ADTENN-12-4B	53076	<b>\$155</b>	0.75	0.75	4.50	1.375	432	JT-433	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADTENN-16-3D	53077	<b>\$179</b>	1.00	1.00	6.00	1.375	332	JT-322	SM-M3-T	JSLC-HPTW3N	JSCS-04	JSOR-01	JSOR-04
ADTENN-16-4D	53078	<b>\$179</b>	1.00	1.00	6.00	1.375	432	JT-433	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADTENN-20-4D	53079	<b>\$189</b>	1.25	1.25	6.00	1.500	432	JT-433	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04

**ADTJN R/L Toolholder Style J - 3° side cutting lead angle for negative triangle TNM\_ inserts**



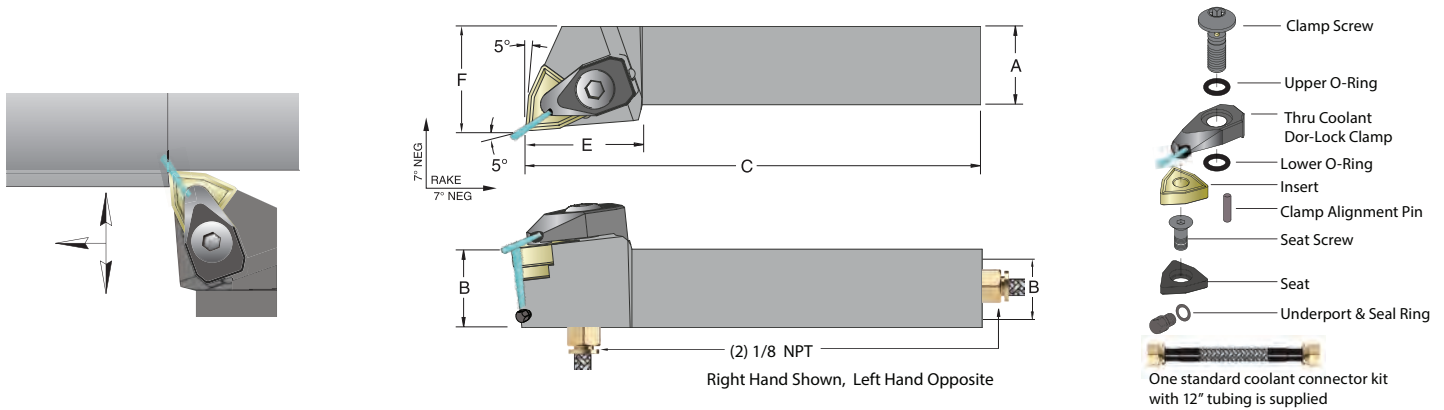
Inch Description	UPC No. 733101-		A	B	C	E	F	TNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring
	R.H.	SALE												
ADTJNR/L-12-3B	53063	<b>\$155</b>	0.75	0.75	4.50	1.250	1.000	332	JT-322	SM-M3-T	JSLC-HPTW3N	JSCS-04	JSOR-01	JSOR-04
ADTJNR/L-12-4B	53065	<b>\$155</b>	0.75	0.75	4.50	1.250	1.250	432	JT-433	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADTJNR/L-16-3D	53067	<b>\$179</b>	1.00	1.00	6.00	1.250	1.500	332	JT-322	SM-M3-T	JSLC-HPTW3N	JSCS-04	JSOR-01	JSOR-04
ADTJNR/L-16-4D	53069	<b>\$179</b>	1.00	1.00	6.00	1.250	2.000	432	JT-433	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04
ADTJNR/L-20-4D	53071	<b>\$190</b>	1.25	1.25	6.00	1.375	2.000	432	JT-433	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04

**ADVJN R/L Toolholder Style J - Negative 3° side cutting lead angle for negative 35° diamond VNM\_ inserts**



Inch Description	UPC No. 733101-		A	B	C	E	F	VNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring
	R.H.	SALE												
ADVJNR/L-12-3B	53081	<b>\$179</b>	0.75	0.75	4.50	1.750	1.000	332	JV-322	SM-M3	JSLC-HPV3	JSCS-04	JSOR-01	JSOR-04
ADVJNR/L-16-3D	53083	<b>\$191</b>	1.00	1.00	6.00	1.750	1.250	332	JV-322	SM-M3	JSLC-HPV3	JSCS-04	JSOR-01	JSOR-04
ADVJNR/L-20-3D	53085	<b>\$203</b>	1.25	1.25	6.00	1.750	1.500	332	JV-322	SM-M3	JSLC-HPV3	JSCS-04	JSOR-01	JSOR-04

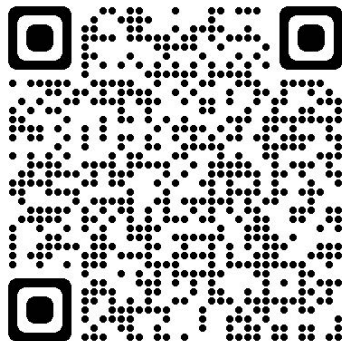
**ADWLN R/L Toolholder Style L - Negative 5° end or side cutting lead angle for negative 80° trigon WNM\_ inserts**



Inch Description	UPC No. 733101-		A	B	C	E	F	WNM_		Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring
	R.H.	SALE						Gage Insert	Seat					
ADWLNR/L-12-3B	53093	<b>\$155</b>	0.75	0.75	4.50	1.000	1.000	332	IWSN-322	SM-M4-245	*JSLC-HPTW3R/L	JSCS-04	JSOR-01	JSOR-04
ADWLNR/L-12-4B	53095	<b>\$155</b>	0.75	0.75	4.50	1.250	1.000	432	IWSN-433	SM-S4	*JSLC-HPTW4R/L	JSCS-04	JSOR-01	JSOR-04
ADWLNR/L-16-3D	53097	<b>\$179</b>	1.00	1.00	6.00	1.000	1.250	332	IWSN-322	SM-M4-245	*JSLC-HPTW3R/L	JSCS-04	JSOR-01	JSOR-04
ADWLNR/L-16-4D	53099	<b>\$179</b>	1.00	1.00	6.00	1.375	1.250	432	IWSN-433	SM-S4	*JSLC-HPTW4R/L	JSCS-04	JSOR-01	JSOR-04
ADWLNR/L-20-4D	53101	<b>\$190</b>	1.25	1.25	6.00	1.250	1.500	432	IWSN-433	SM-S4	*JSLC-HPTW4R/L	JSCS-04	JSOR-01	JSOR-04

LH and other sizes available upon request.

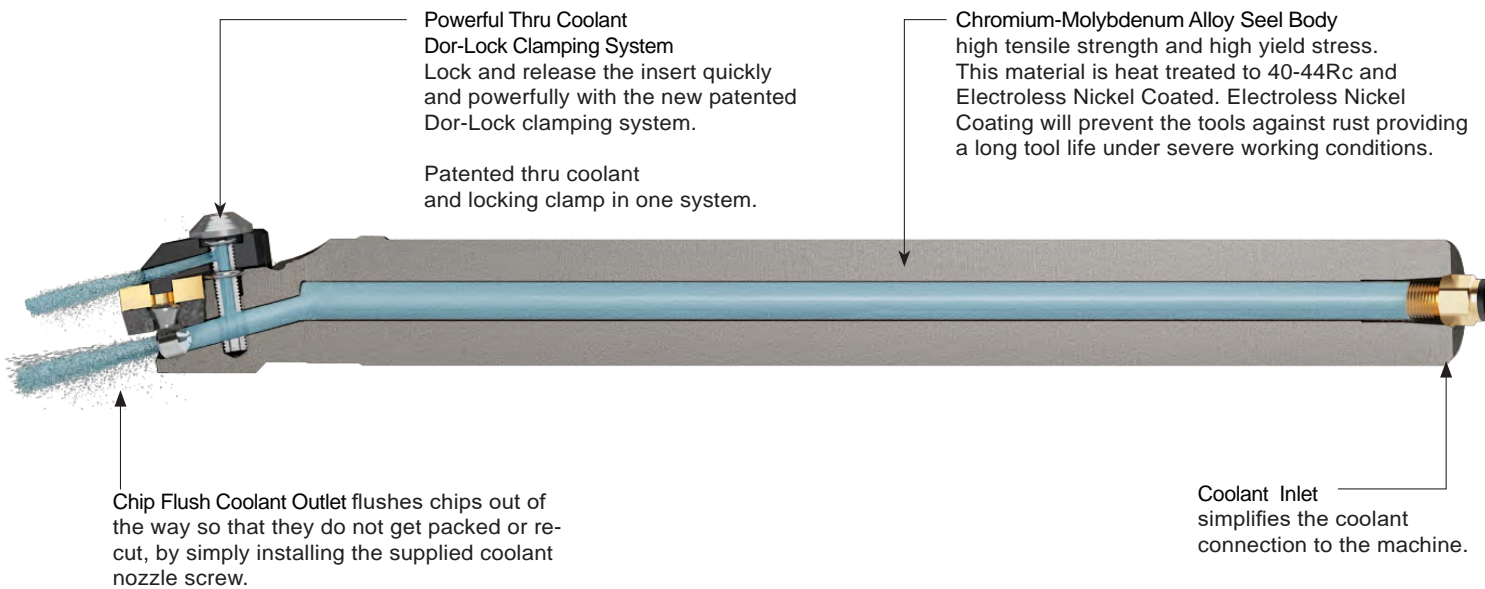
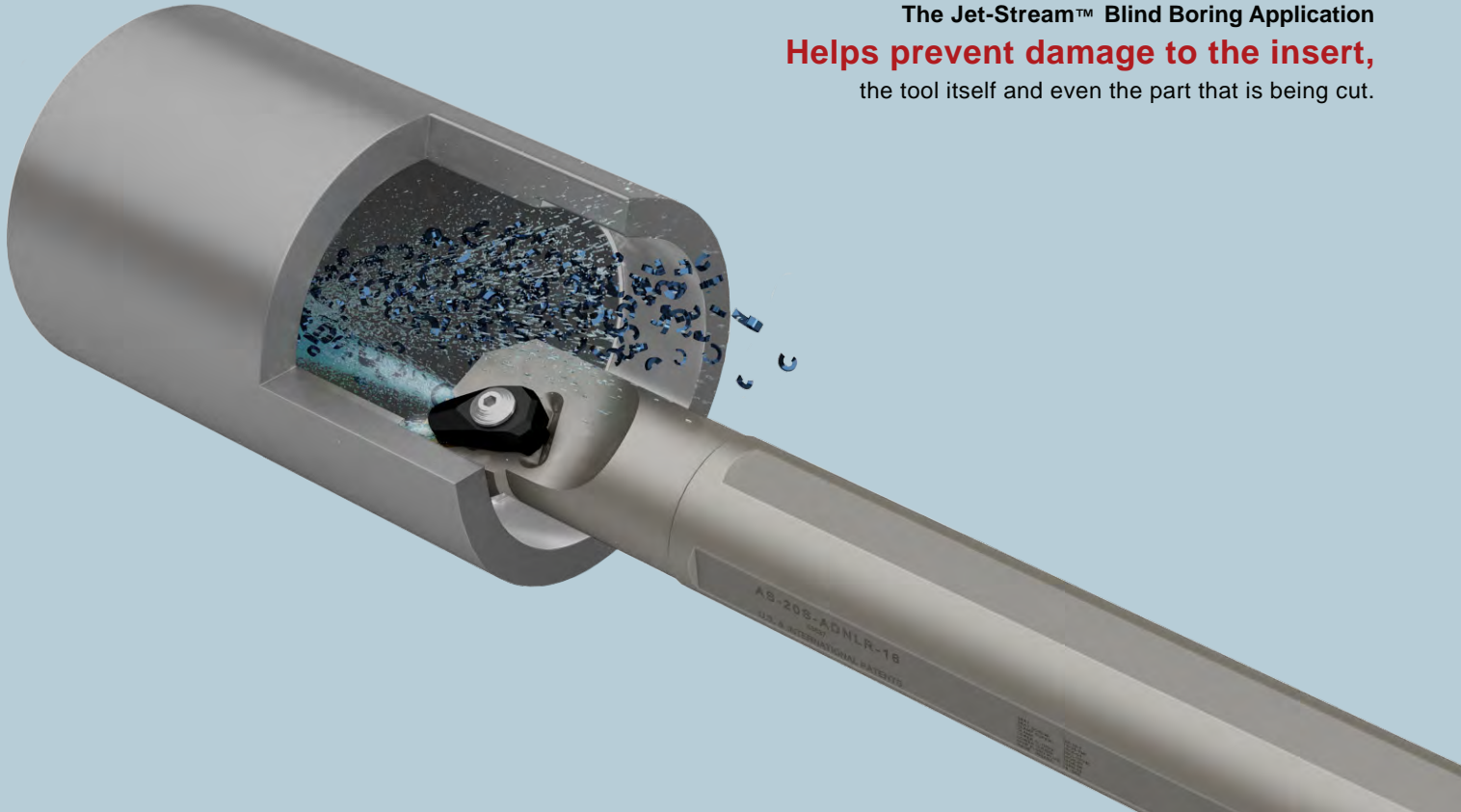
***All holders supplied with steel braided coolant hose!***



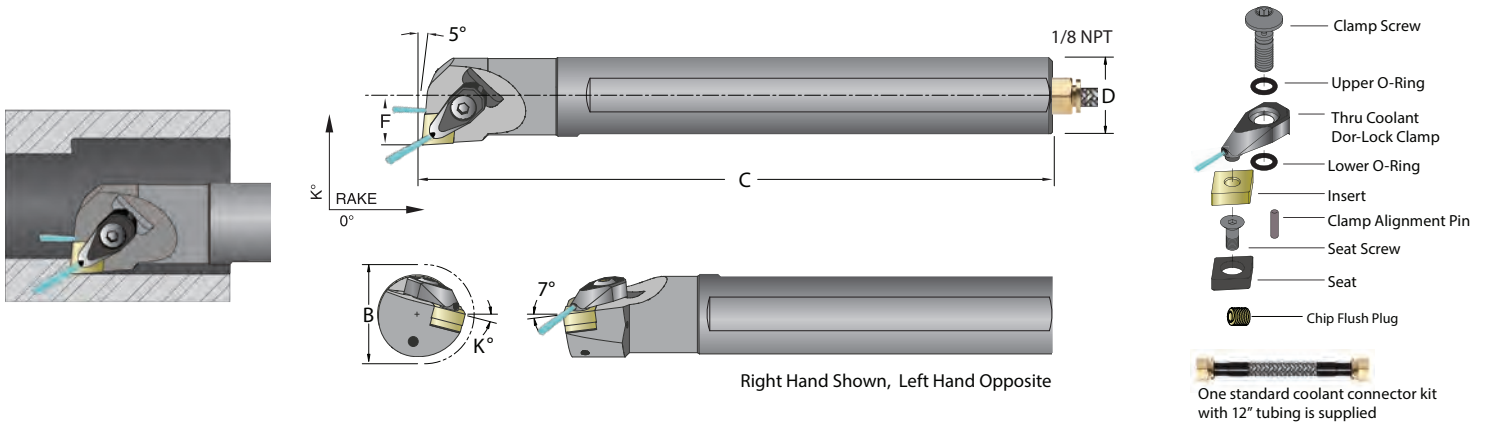
*Scan QR Code for Dorian Tool Web-Site to download Jet-Stream Catalog & other Dorian Tool Product Catalogs.*

**The patented Dor-Lock™ clamping system Locks the insert securely down**  
and aims the coolant flow precisely over the cutting edge of the insert  
**All Jet-Stream™ toolholders and boring bars use industry standard inserts**  
and are available in multiple geometries.

**The Jet-Stream™ Blind Boring Application**  
**Helps prevent damage to the insert,**  
the tool itself and even the part that is being cut.



**AS-ADCLN R/L Boring Bar Style L - Negative 5° side & end cutting lead angle for negative 80° diamond CNM\_inserts**



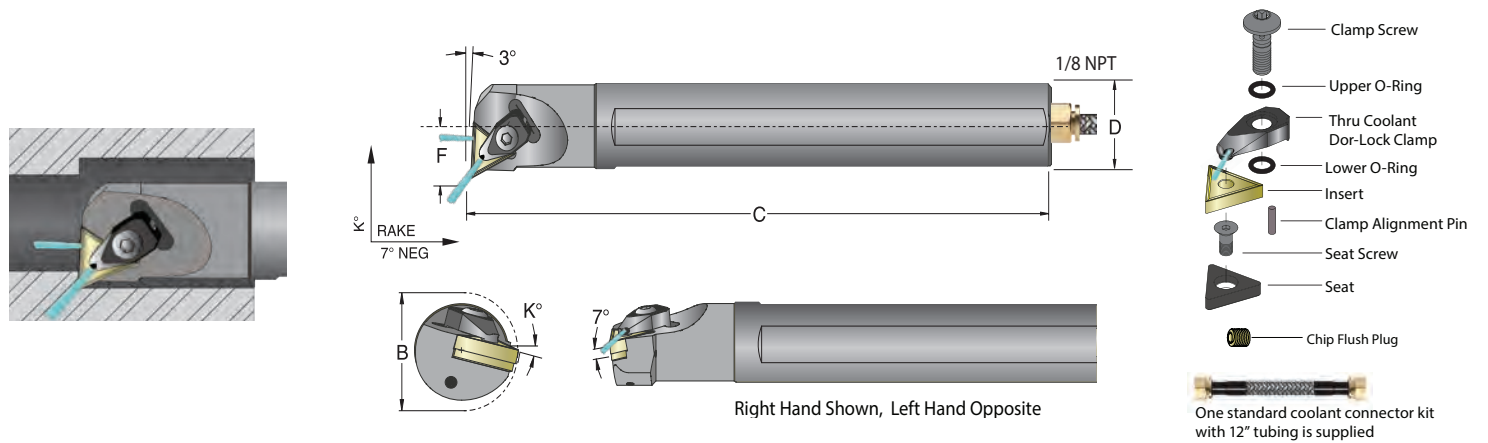
Inch Description	UPC No. 733101-R.H. <b>SALE</b>	Min. Bore					K°	CNM_		Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
		B	C	D	F	Gage Insert		Seat							
AS-12R-ADCLNR/L-3	53120 <b>\$286</b>	1.000	8.00	0.75	0.500	10°	322	N/A	N/A	JSLC-HPC3-B	JSCS-03	JSOR-03	JSOR-06	JSPN-M3	
AS-16R-ADCLNR/L-4	53122 <b>\$350</b>	1.280	8.00	1.00	0.640	14°	432	ICSN-423	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6	
AS-20S-ADCLNR/L-4	53124 <b>\$396</b>	1.530	10.00	1.25	0.765	14°	432	JC-432	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6	

LH and other sizes available upon request.

***All holders supplied with steel braided coolant hose!***



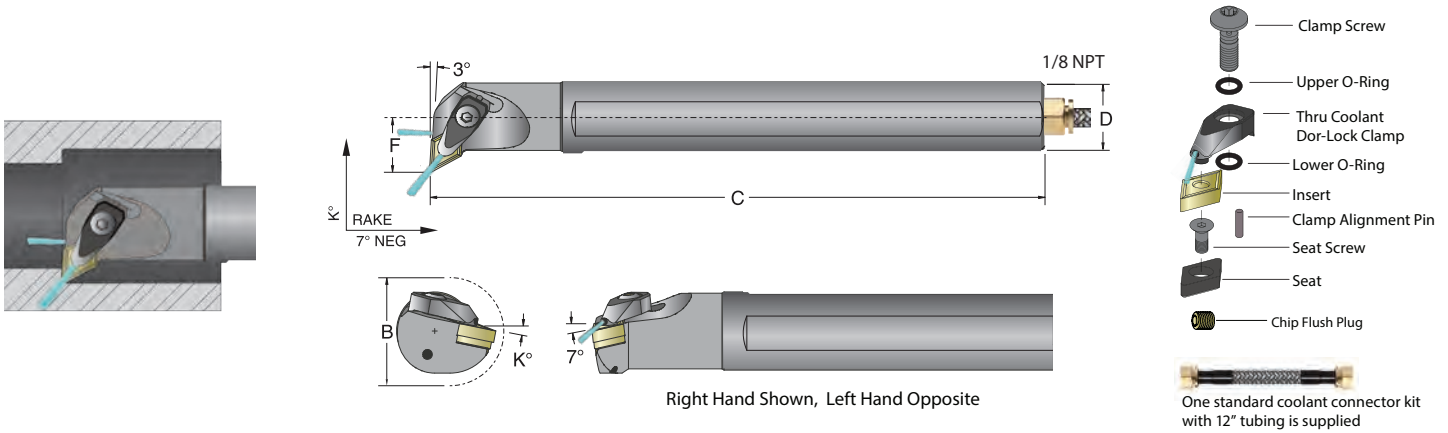
**AS-ADTUN R/L Boring Bar Style U - Negative 3° end cutting lead angle for negative triangle TNM\_inserts**



Inch Description	UPC No. 733101-R.H. <b>SALE</b>	Min. Bore					K°	TNM_		Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
		B	C	D	F	Gage Insert		Seat							
AS-12R-ADTUNR/L-3	53172 <b>\$286</b>	1.000	8.00	0.75	0.500	14°	322	N/A	N/A	*JSLC-HPDT3-BR/L	JSCS-03	JSOR-03	JSOR-06	JSPN-M3	
AS-16R-ADTUNR/L-3	53174 <b>\$350</b>	1.280	8.00	1.00	0.640	14°	332	JT-322	SM-M3-T	*JSLC-HPDT3-BR/L	JSCS-03	JSOR-03	JSOR-06	JSPN-M3	
AS-20S-ADTUNR/L-4	53176 <b>\$396</b>	1.530	10.00	1.25	0.765	14°	432	JT-433	SM-S4	*JSLC-HPTW4R/L	JSCS-04	JSOR-01	JSOR-04	JSPN-M6	



**AS-ADDUN R/L Boring Bar Style U - Negative 3° end cutting lead angle for negative 55° diamond DNM\_ inserts**



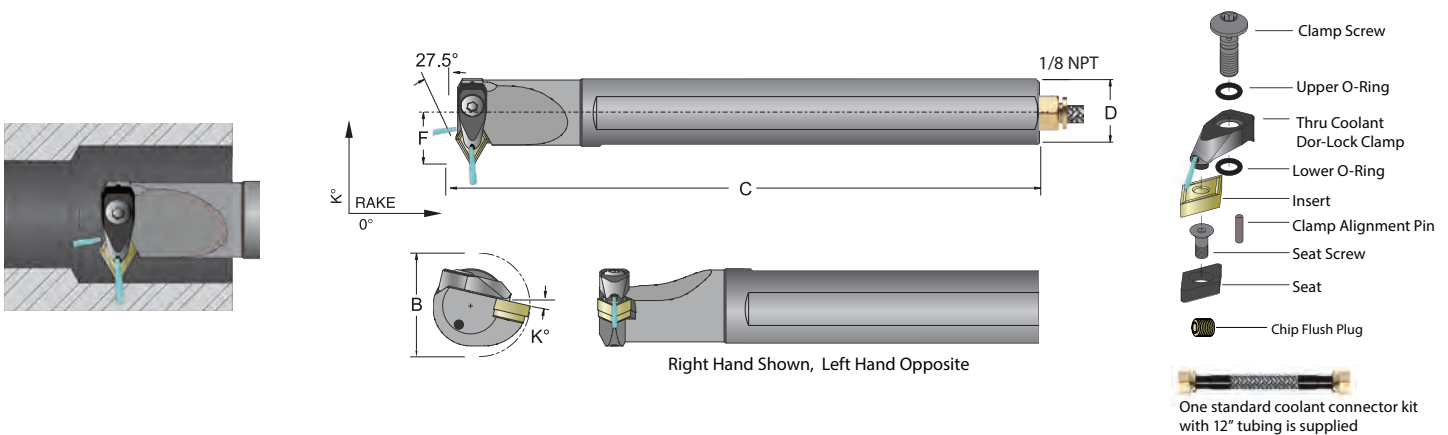
Inch Description	UPC No. 733101-R.H. <b>SALE</b>	Min. Bore B	C	D	F	K°	DNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
AS-16R-ADDUNR/L-3	53137 <b>\$351</b>	1.300	8.00	1.00	0.750	14°	332	IDSN-322	SM-M3	*JSLC-HPDT3-BR/L	JSCS-03	JSOR-03	JSOR-06	JSPN-M3
AS-20S-ADDUNR/L-4	53139 <b>\$391</b>	2.000	10.00	1.25	1.000	11°	432	JD-432	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04	JSPN-M6

LH and other sizes available upon request.

**All holders supplied with steel braided coolant hose!**

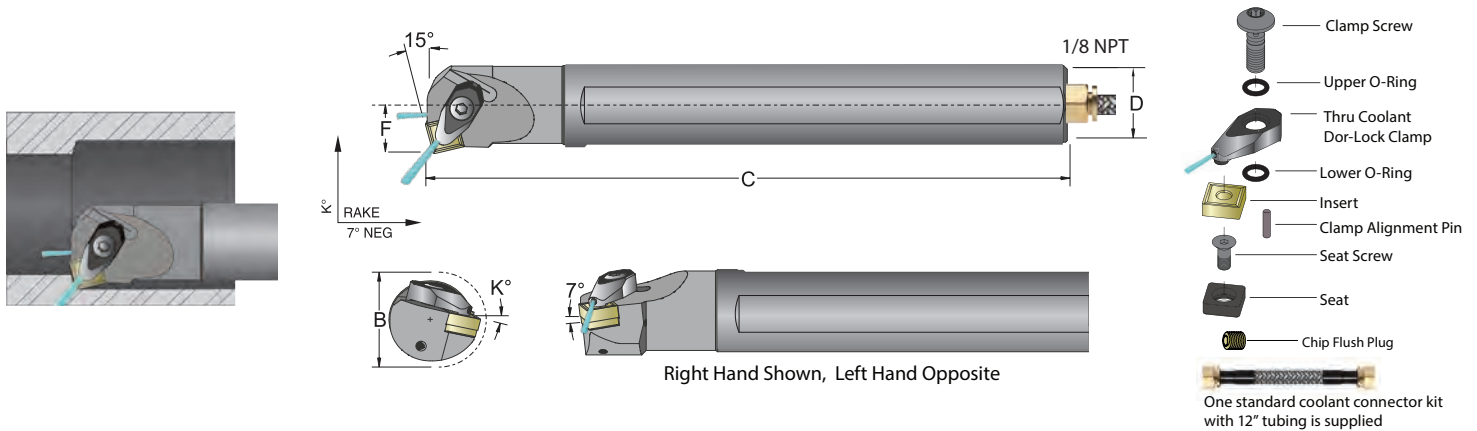


**AS-ADDPN R/L Boring Bar Style P- Negative 27.5 end cutting lead angle for negative 55° diamond DNM\_ inserts**



Inch Description	UPC No. 733101-R.H. <b>SALE</b>	Min. Bore B	C	D	F	K°	DNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
AS-20S-ADDPNR/L-4	53150 <b>\$453</b>	1.705	10.00	1.25	1.000	13°	432	JD-432	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-24S-ADDPNR/L-4	53152 <b>\$462</b>	2.000	10.00	1.50	1.125	10°	432	JD-432	SM-S4	JSLC-HPD4	JSCS-04	JSOR-01	JSOR-04	JSPN-M6

**AS-ADSKN R/L Boring Bar Style K - 15° End cutting lead angle for negative square SNM\_ inserts**



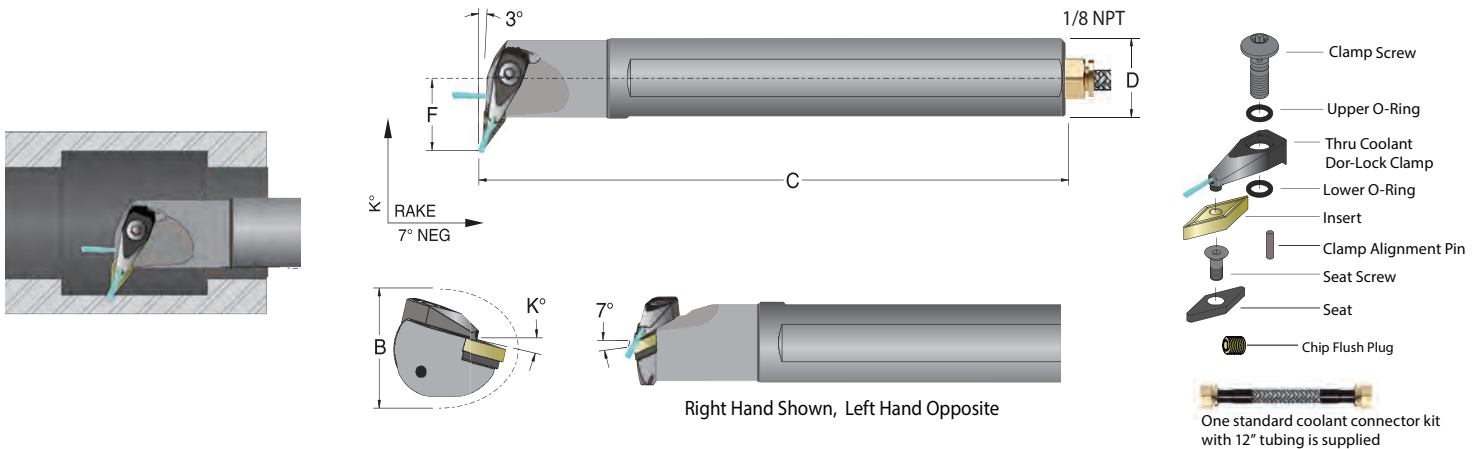
Inch Description	UPC No. 733101-R.H.	Min. Bore					K°	SNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
		B	C	D	F										
AS-20S-ADSKNR/L-4	53159	<b>SALE \$396</b>	1.53	10.00	1.25	0.765	10°	432	JS-432	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6
AS-24S-ADSKNR/L-4	53161	<b>SALE \$418</b>	1.76	10.00	1.50	0.890	11°	432	JS-432	SM-S4	JSLC-HPCTW-4N	JSCS-04	JSOR-01	JSOR-04	JSPN-M6

LH and other sizes available upon request.

***All holders supplied with steel braided coolant hose!***



**AS-ADVUN R/L Boring Bar Style U - Negative 3° side cutting lead angle for negative 35° diamond VNM\_ inserts**



Inch Description	UPC No. 733101-R.H.	Min. Bore					K°	VNM_ Gage Insert	Seat	Seat Screw	Dor-Lock Clamp	Clamp Screw	Upper 'O' Ring	Lower 'O' Ring	Chip Flush Plug
		B	C	D	F										
AS-20S-ADVUNR/L-3	53189	<b>SALE \$453</b>	2.250	10.00	1.25	1.125	14°	332	JV-322	SM-M3	JSLC-HPV3	JSCS-04	JSOR-01	JSOR-04	JSPN-M6

Prices subject to change without notice.



Rotate the handle to lock the tool positively.

Pull the Knob to Unlock the Tool-Setter and Rotate to Position. Release the knob to Lock in Place.

## Smart Tool-Setter Tightening Fixture Intelligent • Dependable • Productive



Left Hand

Vertical

Right Hand

Dorian Smart Tool-Setter			
UPC 733101-	Description	Tool Size	Price
36000	DSTSCH-030	BT-30	\$396
36001	DSTSCH-040	BT-40 CAT-40	\$396
36002	DSTSCH-050	BT-50 CAT-50	\$473
36003	DSTSHSK-063	HSK-063A	\$538
36004	DSTSHSK-100	HSK-100A	\$571

Prices Subject To Change Without Notice

## Toolholder Taper Protected From Chips & Scratches

- Teflon Based Xylan Coating
- Quick Lock & Setting
- Multi-Position Setting
- Heavy Duty Construction
- Precise Quality & Workmanship
- Multi-Functional
- Holds CAT, BT or HSK Toolholders

## How the Smart Tool-Setter Works:

### Mounting



Mount the Smart Tool-Setter on a solid workbench. Use the 4 holes provided on the base to bolt down the Smart Tool-Setter.

### Holder Loading



Put holder in while locking knob is in unlocked position. Rotate locking knob to locked position to lock holder on the "V" groove located on the diameter of the holder. Locking knob positively locks the tool in and does not allow tool to come out of place.

### Application

The Smart Tool-Setter's precise and heavy duty construction makes the tool-setter very rigid and able to endure extreme forces without causing any damage to tools or the Smart Tool-Setter. The multi-functioning and positioning of the Smart Tool-Setter allow the operator to switch quickly and easily from one operation to another without loss of time.

### Small Tool Change



Endmills can be easily, quickly, and precisely set with the Smart Tool-Setter.

### Large Tool Change



Large tools can be mounted or removed with the Smart Tool-Setter.

### Positioning



Vertical

Horizontal Left Hand

Horizontal Right Hand

Pull the indexing knob to unlock, turn into a new position, and release the indexing knob to lock.

### Pull Stud Change



Pull Studs can be quickly and easily changed using the Smart Tool-Setter.

## The QuiK-SET™ Tool Presetter

Is a precision instrument designed for speed and simplicity in manufacturing environments or tool cribs. This model has been carefully designed to meet the needs of the CNC machine operator. Its portability and ruggedness make this the best presetter for small machining cells. The pre-loaded recirculating ball bearing guide in the X-axis allows for accurate and smooth positioning to measure the tool's diameter, while the Z-axis display can be locked to preset tool lengths quickly and precisely.

**SALE PRICE**    ~ 3,308    ~ 4,930    \$5,895    \$5,895

UPC #	42001	42030	42032	42034
QuiK-SET	Z300	Z400	XM	Z600
Accuracy	±.0005	±.0005	±.0005	±.0005
Height Capacity (Z)	12.0 in	15.8 in	12.0 in	23.6 in
Diameter Capacity (X)	10.0 in	10.0 in	15.8 in	23.6 in
Presetter Height (H)	23.6 in	27.6 in	23.6 in	36.2 in
Presetter Length (L)	15.8 in	15.8 in	19.7 in	23.2 in
Presetter Width (W)	5.7 in	5.7 in	7.7 in	7.7 in
Measuring Method	Contact Probe			
Power Input	AA Batteries			
Warranty	One Year*			

SUPPLIED STANDARD WITH CAT/BT40 TOOL SLEEVE

### QuiK-SET Optional Tool Sleeves

Prices Subject To Change Without Notice

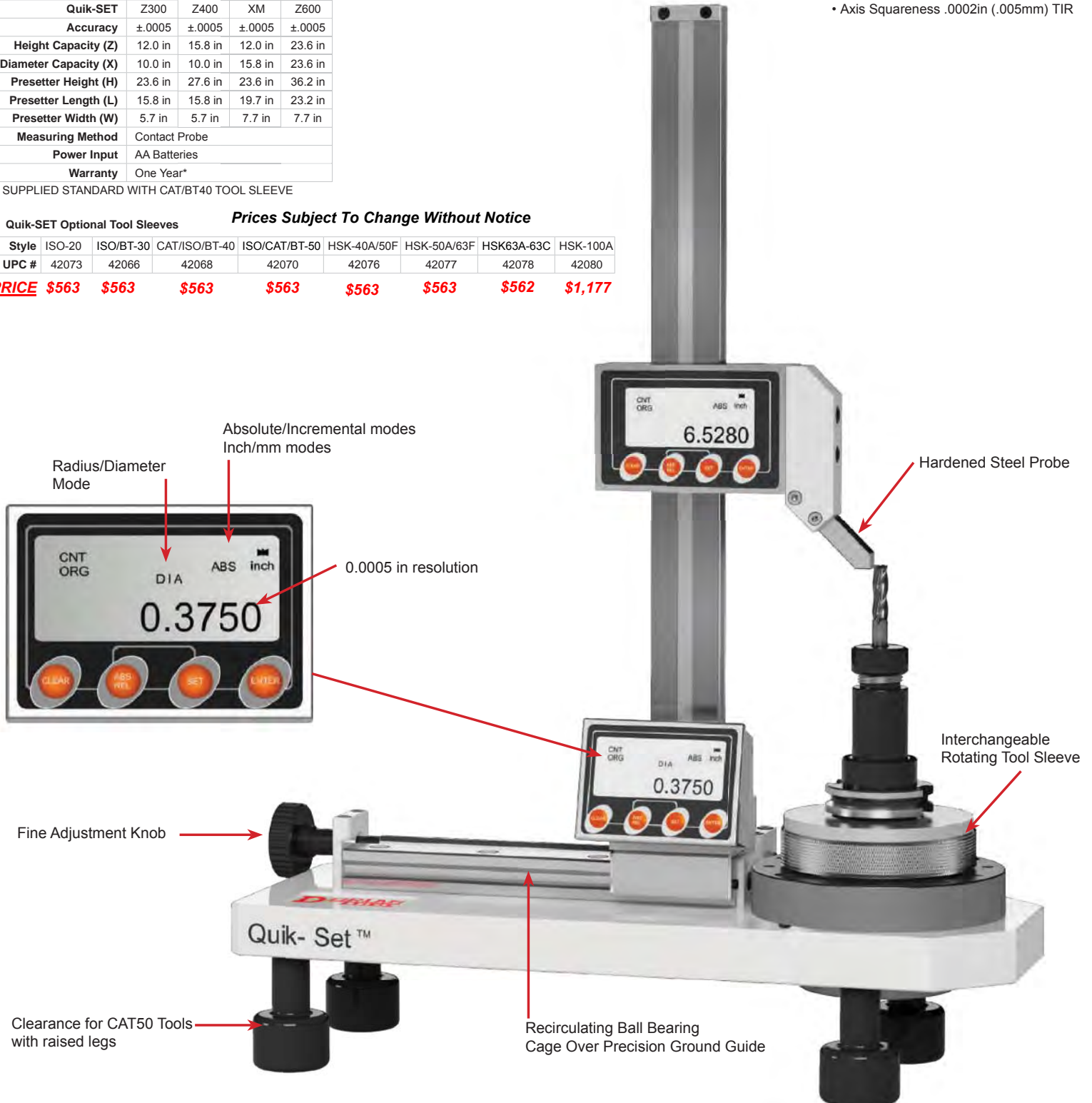
Style	ISO-20	ISO/BT-30	CAT/ISO/BT-40	ISO/CAT/BT-50	HSK-40A/50F	HSK-50A/63F	HSK63A-63C	HSK-100A
UPC #	42073	42066	42068	42070	42076	42077	42078	42080
PRICE	\$563	\$563	\$563	\$563	\$563	\$563	\$562	\$1,177

### Hardware

- All Heat Treated Components
- Recirculating Ball Bearing and Linear Guide
- Powered by AA Batteries
- Heavy Duty Steel Base
- CAT, BT, HSK, ISO and VDI Interchangeable Sleeves

### Precision

- Resolution .0005in (0.10mm)
- Accuracy ± .0005in (0.10mm)
- Repeatability .0005in (0.10mm)
- Axis Squareness .0002in (.005mm) TIR



Prices subject to change without notice.