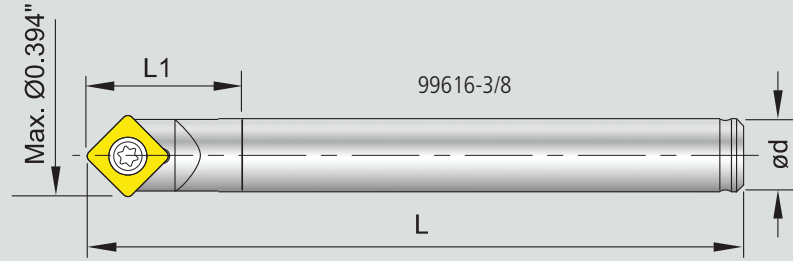
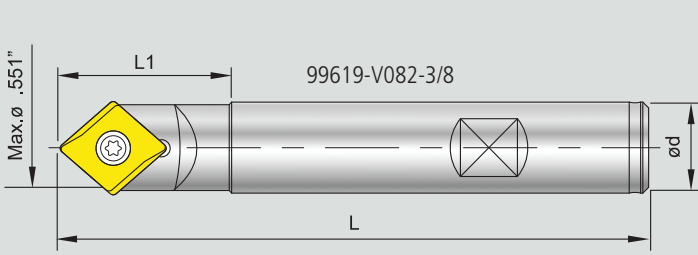




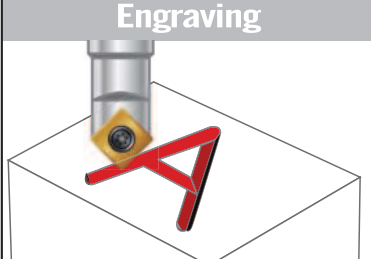
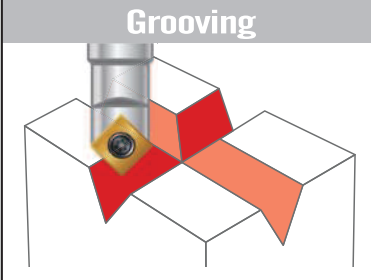
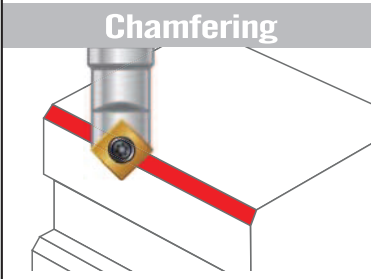
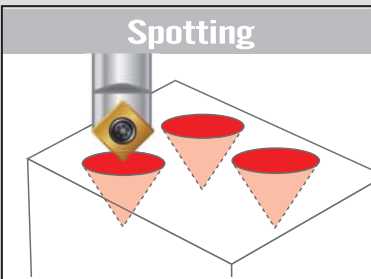
NC Spot Drill Mini Sets



1 Holder + 1 Insert



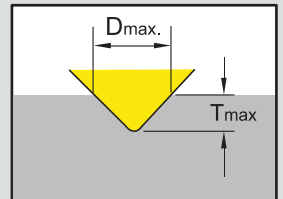
SAVE 45%



EDP NUMBER	DESCRIPTION	Insert	ød	L	L1	List Price	Promo Price
20974	99619-V082-3/8-MS	V0820802-NC2071	3/8"	3.5"	28 (0.102")	\$149.40	\$85.00
20975	99616-3/8-MS	N9MT080208CT-NC40	3/8"	90 (3.543")	18.31 (0.720")	\$144.90	\$80.00

► Inserts >>

- NC40:**
 - General purpose, universal grade for all unhardened steel and cast iron.
 - Each insert has 4 cutting edges.
- NC2071:**
 - K20F grade, TiN coated, high positive ground cutting edge and relief angle.
 - Universal grade for carbon steel, alloy steel and cast iron.
 - Each insert has 2 cutting edges.



EDP NUMBER	DESCRIPTION	Coating	Grade	Price	Dimensions			Dmax.	Tmax.
					L	S	Re		
20045	V0820802-NC2071	TiN	K20F	\$149.40	8 (0.315")	2.38 (0.094")	0.4 (0.016")	9 (0.354")	4.8 (0.189")
20053	N9MT080208CT-NC40				8.31 (0.327")	3.97 (0.156")	0.8 (0.031")	10 (0.394")	4.5 (0.177")

* Inserts are sold in packages of 10

► Features >>

- One tool will perform multiple applications
- Longer tool life
- Suitable for spot drilling, chamfering, grooving and engraving
- Also available in 45°/ 60°/82°/90°/100°/120°/142° angle for different applications
- Increase cutting speed with coated carbide inserts.
- Spot drilling produces better hole position and geometrically uniform holes.

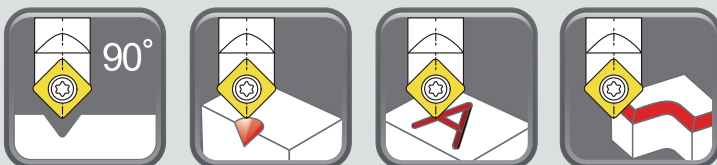


NC2071



NC40

- High efficiency! Low cost!
- CNC lathes, CNC turning centers and machining centers.



Use Promo Code

3Q17

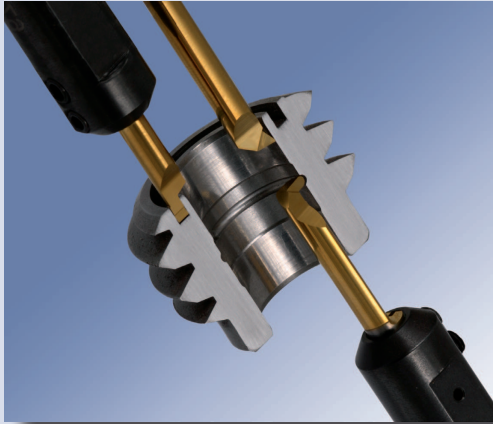
Quantities Limited
Promotional Period:
8/1/17 - 9/30/17

While Supplies Last Terms & Conditions
May Apply

ULTRAMINI COMPETITOR'S HOLDER SWAP



Upgrade Your Processes Now - See Your Sales Representative For Details



G Holders - Repeatable to .01 mm ***BEST IN CLASS***

- Quick and easy changing of inserts
- Maximum repeating accuracy of the length and diameter setting

Stop pin for high repeating accuracy (+/- .02mm)

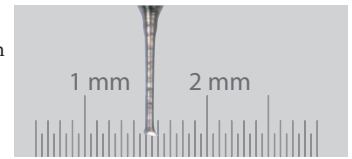
Coolant Through

Double clamping screws for high clamping security

Benefits



- Highly repeatable holder system (.0004")
- Sharpest cutting edge in industry = increased tool life, better chip formation and surface finish
- 1000 tools require only 2 holders
- Interchangeable with a major competitor
- Outperforms other major competitors



Grooving, boring and profiling starting at 0.2mm

ULTRAMINI Holders (G holders ***Best in Class*** .01 mm repeatability)

EDP Number	Part Number	Ø d g6	Ø d g6 (Inch)	L2	L3	L4	h	for D min.	U.S.A.Stock	List Price	Spare Parts Screw	Key
70724	645.G012-D	12	-	75	10	55	10.3	0.2 - 5	●	\$103.00	G012	111.645
70725	645.G016-D	16	-	75	10	55	14	0.2 - 5	●	\$108.22	G016	111.645
70727	645.G01905-D	19.05	0.75 ^{cc}	90	10	70	17.2	0.2 - 5	●	\$119.85	G020	111.645
70728	645.G020-D	20	-	90	10	70	18	0.2 - 5	●	\$116.47	G020	111.645
70730	645.G0254-D	25.4	1.0 ^{cc}	95	10	75	23.4	0.2 - 5	●	\$133.95	G0254	111.645
70743	676.G016-D	16	-	75	10	55	14	≥ 6.0	●	\$108.22	G016	111.645
70744	676.G01905-D	19.05	0.75 ^{cc}	90	10	70	17.2	≥ 6.0	●	\$119.85	G020	111.645
70745	676.G020-D	20	-	90	10	70	18	≥ 6.0	●	\$116.47	G020	111.645
70747	676.G0254-D	25.4	1.0 ^{cc}	95	10	75	23.4	≥ 6.0	●	\$133.95	G0254	111.645



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Hundreds Of New Items Including Expanded Inch Offerings

- New Ultramini Tools
- New Minicut Tools
- New Mediline Tools
- New Inch Series
- New Inserts with Radii
- New Inserts with Chip Breakers
- New Larger T max. Series Inserts
- New Holders for Minicut and Ultramini

Geometries, Substrates and Coatings Designed For Specific Industries:

MEDILINE: Medical Line XTRALINE: Aerospace Line HARDLINE: Hard Part Machining

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