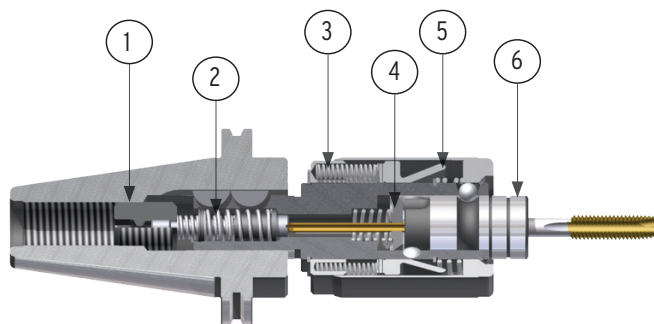


NUMERTAP[®]

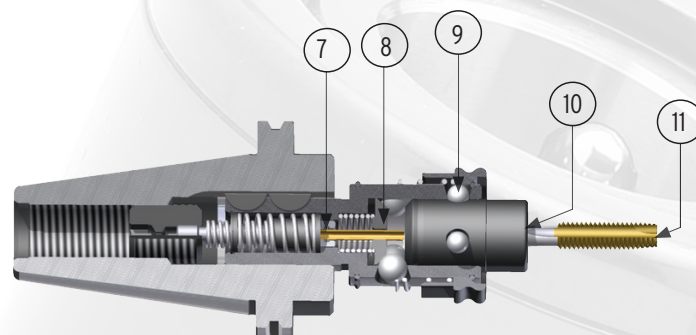
TAPPING SYSTEMS



DAVIT



Numertap C50-70TA5, Torque controlled, non-coolant



Numertap C50-77TA4C, Positive Drive, Coolant-Fed

1 Adjustable Length Compensation

Available on all 700/770 and Bilz-style tapping attachments with machine tapers.

2 Tension & Compression

Tap position returns $\pm .001$ after each cycle. Standard with all tapping attachments. Also available as tension only or rigid for synchronous tapping.

3 Torque Spring

Torque is controlled by spring pressure. This is standard on 80 and 700 units.

4 Torque Drive Ball

Standard on 80 and 700 torque controlled systems. Scallop size on the adapter pre-calibrates torque setting.

5 Torque Sleeve

Automatically controls the amount of torque transmitted to the adapter. Makes torque adjustments unnecessary.

6 Tap Adapter, Non-Coolant

Available for all standard tap sizes. Square drive ensures positive tap drive.

7 Coolant Feed Tube

Feeds coolant directly to the tap. Keeps coolant from contaminating the attachment's internal components. Restrictor allows for up to 800 PSI.

8 Seals in Coolant Fed Adapters

Keeps coolant from back feeding into attachments.

9 Retention Ball

Retains adapter in the attachment while maintaining quick release during changeover. Acts as drive ball for positive drive adapters.

10 Coolant Groove

Feeds coolant along the tap shank. Reduces the need for expensive coolant through taps.

11 Coolant-Through

Feed from coolant through taps.

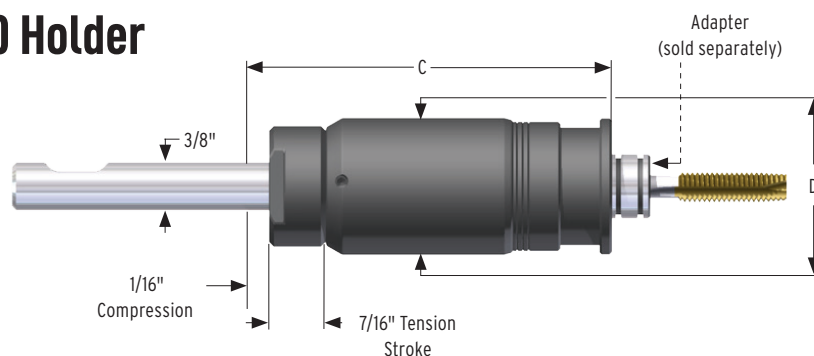
NUMERTAP® Tapping Systems

NUMERTAP 80 | Torque Controlled Tapping

FEATURES

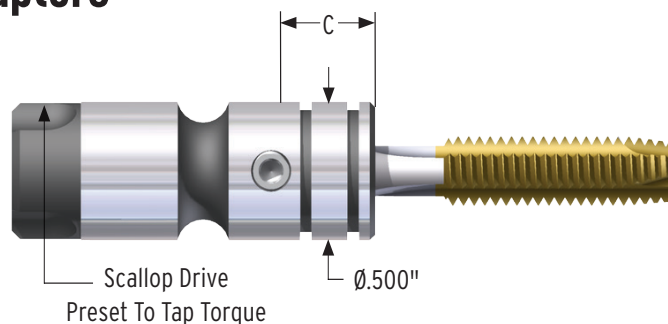
- From #4 - 1/4" (0 - 80 in./lbs.)
- Very sensitive, calibrated torque control prevents tap breakage when bottom tapping
- Free-floating ball bearing tension stroke ensures thread size and quality
- Small outside diameter allows tapping near shoulders without tap extensions
- Quick-change system allows taps to be replaced without removing the unit from the spindle
- * Radial float improves thread quality and tap life

NUMERTAP 80 Holder



Part #	Shank	C	D	Compression	Tension
S37-80TA3	3/8"	3.00"	1.06"	1/16"	7/16"

NUMERTAP 80 Adapters



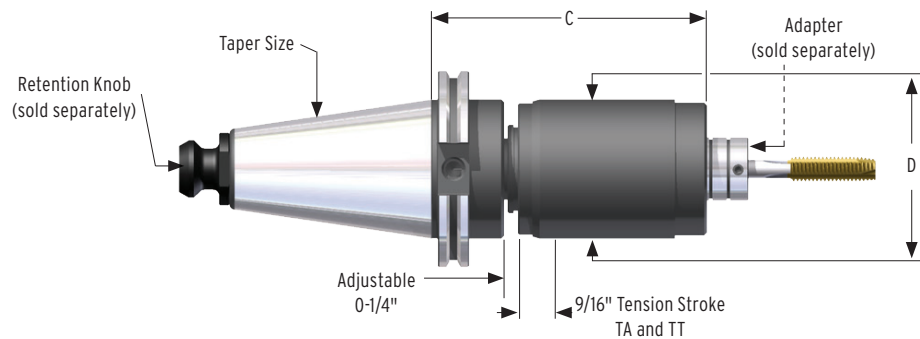
Part #	Tap Size	Metric Tap Size	C
8401-#4	#4	M2.5	.38"
8401-#6	#6	M3.5	.38"
8401-#8	#8	M4	.38"
8401-#10	#10	M5	.38"
8401-#12	#12	-	.38"
8401-025	1/4"	M6	.38"

NUMERTAP 700 | Torque Controlled Tapping

FEATURES

- From #6 - 3/4" in ferrous material and #6 - 1" in non-ferrous material
- Radial float improves thread quality and tap life
- Calibrated torque control prevents tap breakage when bottom tapping
- Adjustable compression stroke ensures depth control
- Free-floating tension stroke ensures thread quality and size
- Through-spindle coolant option gets coolant into the hole and flushes chips
- Quick-change system allows taps to be replaced without removing the unit from the spindle

NUMERTAP 700 Holder



Part #	Description	C	D	Compression	Tension
B40-70TA5	BT40 Numertap 700 Chuck	5.90"	2.75"	0 - 1/4"	9/16"
C40-70TA5C	CAT40 Numertap 700 Chuck Coolant-Through	6.28"	2.75"	0 - 1/4"	9/16"
C50-70TA5C	CAT50 Numertap 700 Chuck Coolant-Through	5.46"	2.75"	0 - 1/4"	9/16"

Capacity

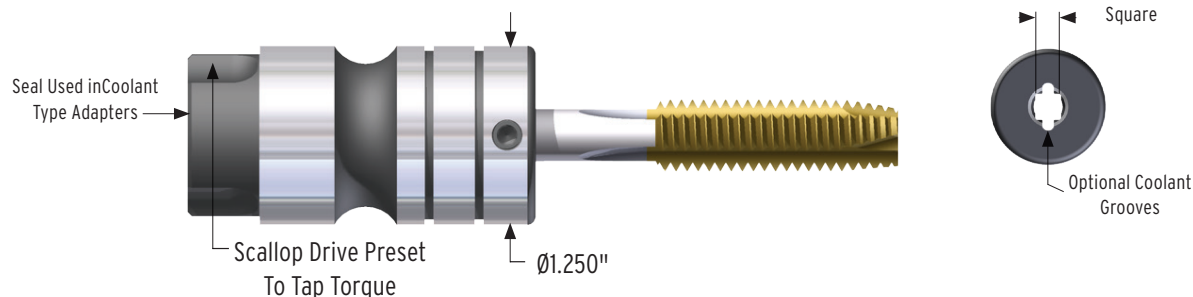
Type	Inch	Metric	NPT
Ferrous	#10 - 3/4"	M5 - M20	1/16" - 1/2" NPT
Non-Ferrous	#10 - 1"	M5 - M25	1/16" - 1/2" NPT
Positive Drive	#6 - 1 5/8"	M3.5 - M33	1/16" - 1 1/4" NPT

NUMERTAP® Tapping Systems

NUMERTAP 700 Adapters

FEATURES

- For use with Numertap® 700 attachments
- Coolant Groove adapters must be used when coolant is fed through Numertap® attachments



Part #	Tap Size	Metric Tap Size	Shank	Square
7711-#6	#6	M3.5	.141"	.110"
7711-#8	#8	M4	.168"	.131"
7711-#10	#10	M5	.194"	.152"
7711-#12	#12	-	.220"	.155"
7711-025	1/4"	M6	.255"	.191"
7711-031	5/16"	M7, M8	.318"	.238"
7711-037	3/8"	M10	.381"	.286"
7711-043	7/16"	-	.323"	.242"
7711-050	1/2"	M12	.367"	.275"
7711-056	9/16"	M14	.429"	.322"
7711-062	5/8"	M16	.480"	.360"
7711-068	11/16"	M18	.542"	.406"
7711-075	3/4"	-	.590"	.442"
7711-081	13/16"	M20	.652"	.489"
7711-087	7/8"	M22	.697"	.523"
7711-093	15/16"	M24	.760"	.570"
7711-100	1"	M25	.800"	.600"
7714-006	1/16" NPT (1/8" NPT)	-	.312"	.234"
7714-012	1/8" NPT	-	.437"	.328"
7714-025	1/4" NPT	-	.562"	.421"
7714-037	3/8" NPT	-	.700"	.531"
7714-050	1/2" NPT	-	.687"	.515"

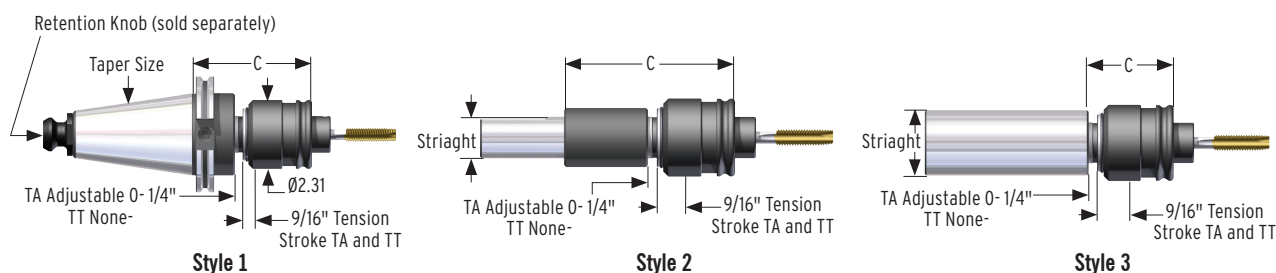
* After 7711 or 7714 - Add "CG" for coolant groove design or "C" for coolant sealed design

NUMERTAP 770 | Tension, Compression, and Rigid Tapping

FEATURES

- From #6 - 1_5/8" hand and 1/16" - 1_1/4" NPT
- Adjustable compressions stroke ensures accurate depth control
- Free-floating tension stroke ensures thread size and quality
- Through-spindle coolant option gets coolant into the hole and flushes chips
- Radial float improves thread quality and tap life

NUMERTAP 770 Tension & Compression Holders



Part #	Taper / Shank	C	Style	Weight (lbs)
B40-77TA4	BT40	4.99"	1	5
C40-77TA4	CAT40	4.85"	1	5
C50-77TA4	CAT50	4.04"	1	9
H63-77TA6	HSK63A	7.91"	1	5
H100-77TA6	HSK100A	7.91"	1	9
PC6-77TA5	PC6	5.16"	-	5
S10-77TA5	1" Straight Shank	5.25"	2	4
S12-77TA5	1_1/4" Straight Shank	5.25"	2	4
S15-77TA5	1_1/2" Straight Shank	5.25"	2	4
S20-77TA2	2" Straight Shank	2.75"	3	4

* Add "C" to the end of the part # for coolant-through

Capacity

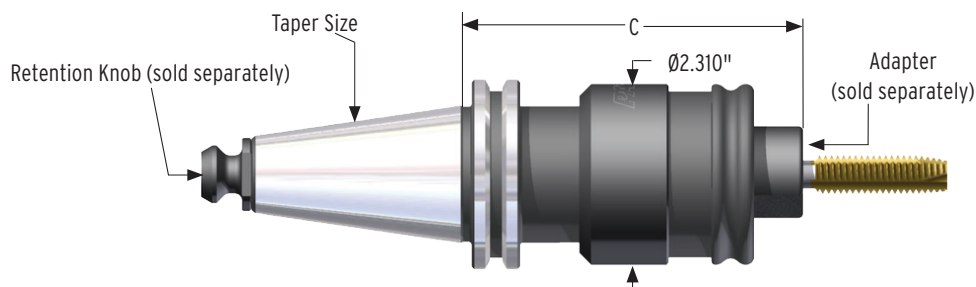
Inch	Metric	NPT
#6 - 1_5/8"	M3.5 - M36	1/16" - 1_1/4" NPT

NUMERTAP® Tapping Systems

NUMERTAP 770 Tension-Only & Rigid Holders

FEATURES

- From #6 - 1_5/8" hand and 1/16" - 1_1/4" NPT
- Tension only (TT) allows synchronous tapping
- Radial float allows tap to follow the hole
- Through-spindle coolant option gets coolant into the hole and flushes chips



NUMERTAP 770 Tension-Only Tapping Holders

Part #	Taper / Shank	C	Weight (lbs)
B40-77TT4	BT40	4.99"	5
C40-77TT4	CAT40	4.85"	5
C50-77TT4	CAT50	4.04"	9
C50F-77TT4C	CAT50 SIMULFIT	4.04"	9
PC6-77TT5	PC6	5.16"	5
S10-77TT5	1" Straight Shank	5.25"	4
S20-77TT2	2" Straight Shank	2.75"	4

* Add "C" to the end of the part # for coolant-through

NUMERTAP 770 Rigid Tapping Holders

Part #	Taper / Shank	C	Weight (lbs)
B40-77TR4	BT40	3.75"	5
C40-77TR4	CAT40	3.75"	5
C50-77TR4	CAT50	3.75"	9
C50F-77TR4C	CAT50 SIMULFIT	3.75"	9
H63-77TR5	HSK63A	5.00"	5
H100-77TR5	HSK100A	5.00"	9
PC6-77FS5	PC6	5.16"	5
S10-77FS5	1" Straight Shank	5.25"	4
S20-77FS2	2" Straight Shank	2.75"	4

* Add "C" to the end of the part # for coolant-through (excludes S20-77FS2)

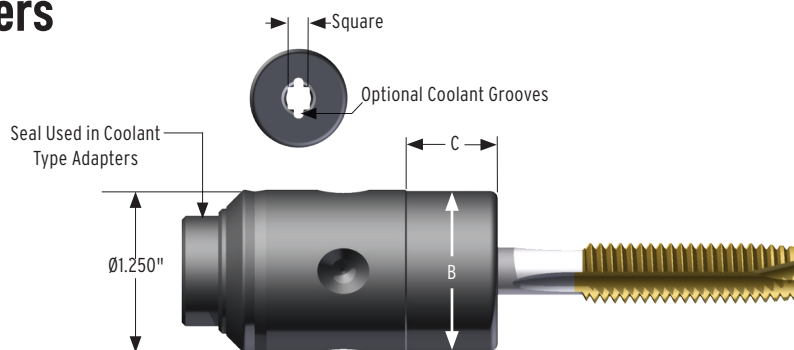
Capacity

Inch	Metric	NPT
#6 - 1_5/8" Hand	M3.5 - M36	1/16" - 1_1/4" NPT

NUMERTAP 770 Tap Adapters

FEATURES

- Positive-drive, standard short length for use in NUMERTAP® 770 attachments
- Coolant groove or coolant-through adapters must be used when coolant is fed through Numertap® attachments



Part #	Tap Size	Metric Tap Size	B	C	Shank	Square
7716-#6	#6	M3.5	1.25"	.70"	.141"	.110"
7716-#8	#8	M4	1.25"	.70"	.168"	.131"
7716-#10	#10	M5	1.25"	.70"	.194"	.152"
7716-#12	#12	-	1.25"	.70"	.220"	.165"
7716-025	1/4"	M6	1.25"	.70"	.255"	.191"
7716-031	5/16"	M7, M8	1.25"	.70"	.318"	.238"
7716-037	3/8"	M10	1.25"	.70"	.381"	.286"
7716-043	7/16"	-	1.25"	.70"	.323"	.242"
7716-050	1/2"	M12	1.25"	.70"	.367"	.275"
7716-056	9/16"	M14	1.25"	.70"	.429"	.322"
7716-062	5/8"	M16	1.25"	.70"	.480"	.360"
7716-068	11/16"	M18	1.61"	2.25"	.542"	.406"
7716-075	3/4"	-	1.61"	2.25"	.590"	.442"
7716-081	13/16"	M20	1.61"	2.25"	.652"	.489"
7716-087	7/8"	M22	1.61"	2.25"	.697"	.523"
7716-093	15/16"	M24	1.61"	2.25"	.760"	.570"
7716-100	1"	M25	1.61"	2.25"	.800"	.600"
7716-106	1_1/16" & 1_1/8"	M27	1.61"	2.25"	.896"	.672"
7716-118	1_3/16" & 1_1/4"	M30	1.61"	2.25"	1.021"	.766"
7716-131	1_5/16" & 1_3/8"	M33	1.98"	2.25"	1.108"	.831"
7716-144	1_7/16" & 1_1/2"	-	1.98"	2.25"	1.233"	.925"
7716-162	1_5/8"	-	1.98"	2.25"	1.305"	.979"
7717-006	1/16" & 1/8" NPT	-	1.25"	.70"	.312"	.234"
7717-012	1/8" NPT	-	1.25"	.70"	.437"	.328"
7717-025	1/4" NPT	-	1.25"	.70"	.562"	.421"
7717-037	3/8" NPT	-	1.25"	.70"	.700"	.531"
7717-050	1/2" NPT	-	1.61"	2.25"	.687"	.515"
7717-075	3/4" NPT	-	1.61"	2.25"	.906"	.679"
7717-100	1" NPT	-	1.61"	2.25"	1.125"	.843"
7717-125	1_1/4" NPT	-	1.98"	2.25"	1.312"	.984"

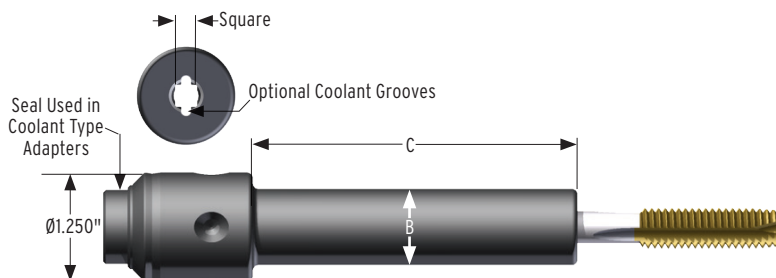
*After 7716 or 7717, add "CG" for coolant groove design or "C" for coolant sealed design

NUMERTAP® Tapping Systems

NUMERTAP 770 Extended Length Tap Adapters

FEATURES

- Positive-drive, extended length for use in Numertap® 770 attachments
- Coolant groove or coolant-through adapters must be used when coolant is fed through Numertap® attachments



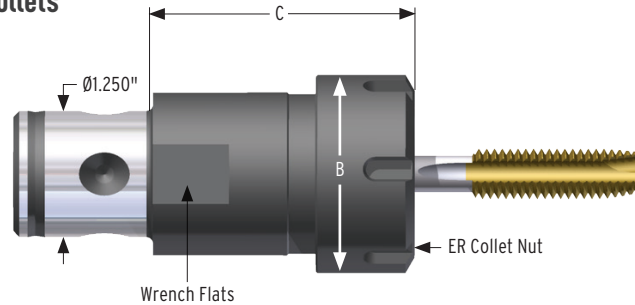
C = 3.70" (3" Extended)		C = 6.70" (6" Extended)				
Part #	Part #	Tap Size	Metric Tap Size	B	Shank	Square
7716-3-#6	7716-6-#6	#6	M3.5	.75"	.141"	.110"
7716-3-#8	7716-6-#8	#8	M4	.75"	.168"	.131"
7716-3-#10	7716-6-#10	#10	M5	.75"	.194"	.152"
7716-3-#12	7716-6-#12	#12	-	.75"	.220"	.165"
7716-3-025	7716-6-025	1/4"	M6	.75"	.255"	.191"
7716-3-031	7716-6-031	5/16"	M7, M8	.75"	.318"	.238"
7716-3-037	7716-6-037	3/8"	M10	.88"	.381"	.286"
7716-3-043	7716-6-043	7/16"	-	.88"	.323"	.242"
7716-3-050	7716-6-050	1/2"	M12	.88"	.367"	.275"
7716-3-056	7716-6-056	9/16"	M14	1.00"	.429"	.322"
7716-3-062	7716-6-062	5/8"	M16	1.00"	.480"	.360"
7716-3-068	7716-6-068	11/16"	M18	1.25"	.542"	.406"
7716-3-075	7716-6-075	3/4"	-	1.25"	.590"	.442"
7716-3-081	7716-6-081	13/16"	M20	1.25"	.652"	.489"
7716-3-087	7716-6-087	7/8"	M22	1.25"	.697"	.523"
7716-3-093	7716-6-093	15/16"	M24	1.50"	.760"	.570"
7716-3-100	7716-6-100	1"	M25	1.50"	.800"	.600"
7716-3-106	7716-6-106	1_1/16" & 1_1/8"	M27	1.61"	.896"	.672"
7716-3-118	7716-6-118	1_3/16" & 1_1/4"	M30	1.61"	1.021"	.766"
7716-3-131	7716-6-131	1_5/16" & 1_3/8"	M33	1.61"	1.108"	.831"
7716-3-144	7716-6-144	1_7/16" & 1_1/2"	-	1.98"	1.233"	.925"
7716-3-162	7716-6-162	1_5/8"	-	1.98"	1.305"	.979"
7717-3-006	7717-7-006	1/16" & 1/8" NPT	-	1.00"	.312"	.234"
7717-3-012	7717-7-012	1/8" NPT	-	1.00"	.437"	.328"
7717-3-025	7717-7-025	1/4" NPT	-	1.00"	.562"	.421"
7717-3-037	7717-7-037	3/8" NPT	-	1.25"	.700"	.531"
7717-3-050	7717-7-050	1/2" NPT	-	1.25"	.687"	.515"
7717-3-075	7717-7-075	3/4" NPT	-	1.61"	.906"	.679"
7717-3-100	7717-7-100	1" NPT	-	1.61"	1.125"	.843"
7717-3-125	7717-7-125	1_1/4" NPT	-	1.98"	1.312"	.984"

*After 7716 or 7717, add "CG" for coolant groove design or "C" for coolant sealed design

NUMERTAP 770 ER Collet Tap Adapters

FEATURES

- For use with ER rigid tap collets

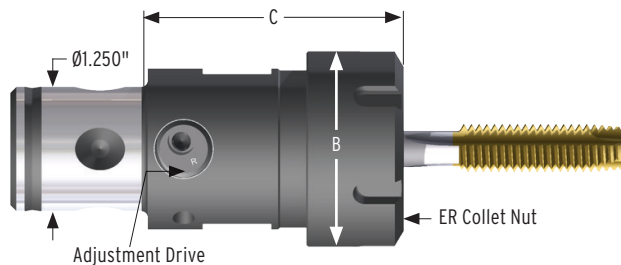


Part #	Part # w/ coolant	Collet Series	Tap Size Range	B	C	Collet Nut Wrench
7716-ER16	7716C-ER16	ER16	#8 - 1/4"	1.26"	1.54"	ECN20W
7716-ER20	7716C-ER20	ER20	#8 - 1/2"	1.38"	1.58"	20ERHNW
7716-ER25	7716C-ER25	ER25	#8 - 5/8"	1.65"	1.50"	25ERNW
7716-ER32	7716C-ER32	ER32	#8 - 13/16"	1.97"	2.34"	32ERNW
7716-ER40	7716C-ER40	ER40	1/4" - 1"	2.48"	2.34"	40ERNW

NUMERTAP 770 Universal ER Collet Tap Adapters

FEATURES

- For use with DIN, ISO, JIS, or ANSI (inch and metric) tap shanks
- Adjustable drive plug for any square size in the tap range
- Provides flexibility for any tap shank size
- Use with standard ER collets



Part #	Part # w/ coolant	Collet Series	Tap Size Range	B	C	Collet Nut Wrench
7716-ER16U	7716-ER16UC	ER16	#6 - 3/8"	1.26"	1.71"	ECN20W
7716-ER20U	7716-ER20UC	ER20	#10 - 5/8"	1.38"	1.93"	20ERHNW
7716-ER32U	7716-ER32UC	ER32	9/16" - 15/16"	1.97"	2.43"	32ERNW
7716-ER40U	7716-ER40UC	ER40	1" - 1 3/8"	2.48"	3.54"	40ERNW

NUMERTAP® Tapping Systems

ER Tap Collets

FEATURES

- Replaces expensive tap holders
- Special design locks tap square in slots
- Reduce tap clearance requirements



ER 16 Tap Collet Set

Part #	Pcs.	Range
ERT16-S009	9	#0 - 1/2"

ER 16 Tap Collets

Part #	Inch Size	ANSI Metric
ERT16-#0-6	#0-#6	-
ERT16-#8	#8	M4
ERT16-#10	#10	M4.5, M5
ERT16-#12	#12	-
ERT16-025	1/4"	M6, M6.5
ERT16-031	5/16"	M7, M8
ERT16-037	3/8"	M10
ERT16-043	7/16"	-
ERT16-050	1/2"	M12, M12.5



ER 25 Tap Collet Set

Part #	Pcs.	Range
ERT25-S011	11	#8 - 5/8"

ER 25 Tap Collets

Part #	Inch Size	ANSI Metric
ERT25-#8	#8	M4
ERT25-#10	#10	M4.5, M5
ERT25-#12	#12	-
ERT25-012N	1/8" NPT	-
ERT25-025	1/4"	M6, M6.5
ERT25-031	5/16"	M7, M8
ERT25-037	3/8"	M10
ERT25-043	7/16"	-
ERT25-050	1/2"	M12, M12.5
ERT25-056	9/16"	M14
ERT25-062	5/8"	M16

ER 20 Tap Collet Set

Part #	Pcs.	Range
ERT20-S008	8	#8 - 1/2"

ER 20 Tap Collets

Part #	Inch Size	ANSI Metric
ERT20-#8	#8	M4
ERT20-#10	#10	M4.5, M5
ERT20-#12	#12	-
ERT20-025	1/4"	M6, M6.5
ERT20-031	5/16"	M7, M8
ERT20-037	3/8"	M10
ERT20-043	7/16"	-
ERT20-050	1/2"	M12, M12.5

ER Tap Collets

ER 32 Tap Collet Set

Part #	Pcs.	Range
ERT32-S016	16	#6 - 13/16"

ER 32 Tap Collets

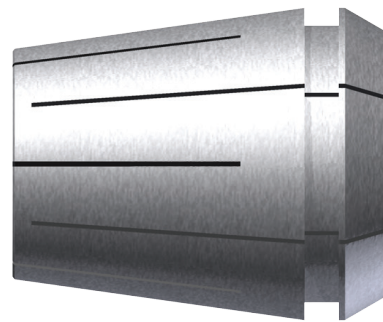
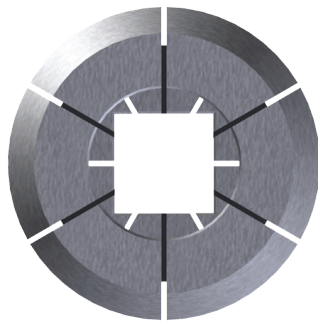
Part #	Inch Size	ANSI Metric
ERT32-#0-6	#0 - #6	-
ERT32-#8	#8 - ##8	M4
ERT32-#10	#10	M4.5, M5
ERT32-#12	#12	-
ERT32-012N	1/8" NPT	-
ERT32-025	1/4"	M6, M6.5
ERT32-025N	1/4" NPT	-
ERT32-031	5/16"	M7, M8
ERT32-037	3/8"	M10
ERT32-043	7/16"	-
ERT32-050	1/2"	M12, M12.5
ERT32-056	9/16"	M14
ERT32-062	5/8"	M16
ERT32-068	11/16"	M18
ERT32-075	3/4"	-
ERT32-081	13/16"	M20

ER 40 Tap Collet Set

Part #	Pcs.	Range
ERT40-S017	17	1/4" - 1"

ER 40 Tap Collets

Part #	Inch Size	ANSI Metric
ERT40-12N	1/8" NPT	-
ERT40-025	1/4"	M6, M6.5
ERT40-025N	1/4" NPT	-
ERT40-031	5/16"	M7, M8
ERT40-037	3/8"	M10
ERT40-037N	3/8" NPT	-
ERT40-043	7/16"	-
ERT40-050	1/2"	M12, M12.5
ERT40-050N	1/2" NPT	-
ERT40-056	9/16"	M14
ERT40-062	5/8"	M16
ERT40-068	11/16"	M18
ERT40-075	3/4"	-
ERT40-081	13/16"	M20
ERT40-087	7/8"	M22
ERT40-093	15/16"	M24
ERT40-100	1"	M25



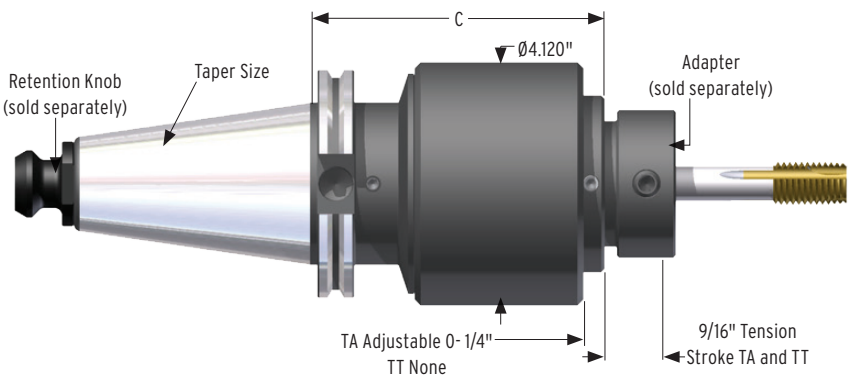
NUMERTAP® Tapping Systems

NUMERTAP 6000 | Tension & Compression Tapping

FEATURES

- From 3/4" to 2_1/2" 4-pitch and 3/4" to 3_1/2" 6 or 8-pitch taps
- Synchronous solutions available upon request
- Large work range eliminates the need to purchase multiple units
- Free-floating tension stroke ensures thread size and quality
- Through-spindle coolant gets coolant into the hole and flushes chips

NUMERTAP 6000 Holder



Part #	C	Taper/Shank Type	Weight (lbs)
C50-60TA5C	5.62"	CAT50	21
S20-60TA5C	6.00"	2" Straight Shank	17

Capacity

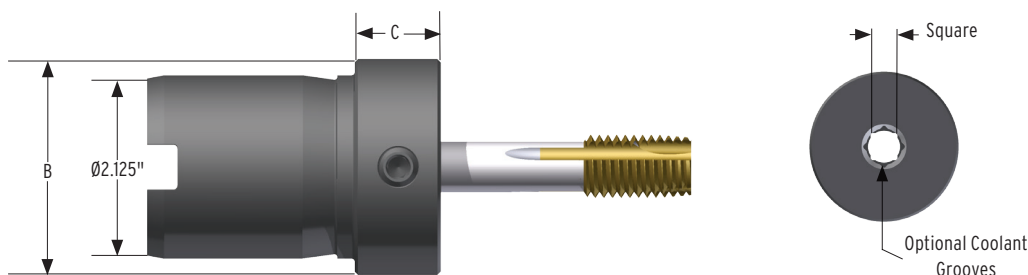
Synchronous / Tension & Compression

Inch	Metric	NPT
3/4" - 2_1/2" Hand	M19 - M56	1/2" - 2" NPT

NUMERTAP 6000 Adapters

FEATURES

- For use with Numertap® 6000 attachments
- Coolant Groove adapters must be used when coolant is fed through Numertap® attachments



Part #	Part # w/ Coolant Grooves	Tap Size	Metric Tap Size*	B	C	Shank	Square
6-075	6-075CG	3/4"	M19	2.50"	1.00"	.590"	.442"
6-081	-	13/16"	M20	2.50"	1.00"	.652"	.489"
6-087	-	7/8"	M22	2.50"	1.00"	.697"	.523"
6-093	-	15/16"	M24	2.50"	1.00"	.760"	.570"
6-100	6-100CG	1"	M25	2.50"	1.00"	.800"	.600"
6-106	6-106CG	1_1/16" & 1_1/8"	M27	2.50"	1.00"	.896"	.672"
6-118	6-118CG	1_3/16" & 1_1/4"	M30	2.50"	1.00"	1.021"	.766"
6-131	6-131CG	1_5/16" & 1_3/8"	M33	2.50"	1.00"	1.108"	.831"
6-144	6-144CG	1_7/16" & 1_1/2"	M36	2.50"	1.00"	1.233"	.925"
6-162	6-162CG	1_5/8"	M39	2.50"	1.00"	1.305"	.979"
6-175	6-175CG	1_3/4"	M42	3.20"	1.00"	1.430"	1.072"
6-187	6-187CG	1_7/8"	M45	3.20"	1.00"	1.519"	1.139"
6-200	6-200CG	2"	M48	3.20"	1.00"	1.644"	1.233"
6-212	6-212CG	2_1/8"	-	3.20"	3.10"	1.769"	1.327"
6-225	6-225CG	2_1/4"	M56	3.20"	3.10"	1.894"	1.420"
6-237	6-237CG	2_3/8"	-	3.20"	3.10"	2.018"	1.524"
6-250	6-250CG	2_1/2"	-	3.40"	3.10"	2.100"	1.585"
6-075N	-	3/4" NPT	-	2.50"	1.00"	.906"	.679"
6-100N	-	1" NPT	-	2.50"	1.00"	1.125"	.843"
6-125N	6-125NCG	1_1/4" NPT	-	2.50"	1.00"	1.312"	.984"
6-150N	6-150NCG	1_1/2" NPT	-	2.50"	1.00"	1.500"	1.125"
6-200N	6-200NCG	2" NPT	-	3.20"	3.10"	1.875"	1.406"

* For DIN, ISO, or JIS metric shanks - available upon request

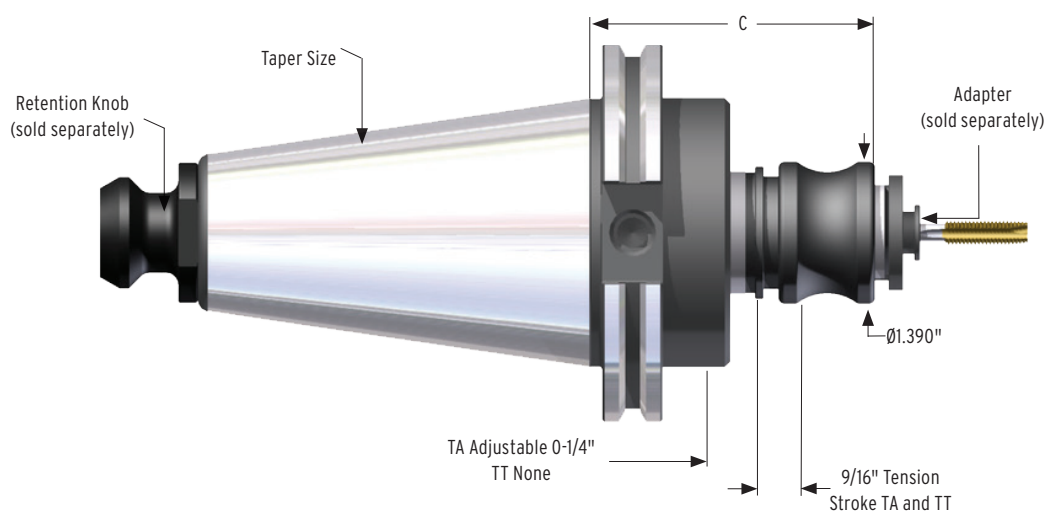
Coolant-through adapters available upon request

NUMERTAP® Tapping Systems

NUMERTAP 100 | Synchronous / Tension & Compression Tapping Holders

FEATURES

- From 0 - 9/16" hand and 1/16" - 1/8" NPT
- For use with popular Bilz-style size 1 adapters
- Rigid and tension-only available for use with synchronous tapping cycles
- Radial float improves thread quality and tap life
- Adjustable short compression stroke ensures accurate depth control (TA models)
- Free-floating tension stroke ensures thread size and quality (TA and TT models)



Part #	Taper	Compression	Tension	C
B40-10TA3	BT40	0 - .250"	.56"	4.08"
B40-10TR3	BT40	Rigid	Rigid	3.93"
C40-10TA3	CAT40	0 - .250"	.56"	3.96"
C40-10TR3	CAT40	Rigid	Rigid	3.96"
C40-10TT3	CAT40	0	.56"	3.96"
C50-10TA3	CAT50	0 - .250"	.56"	3.15"
C50-10TR3	CAT50	Rigid	Rigid	3.15"
C50-10TT3	CAT50	0	.56"	3.96"
S10-10TA4	1" Straight Shank	.250"	.56"	4.43"
S10-10FS4	1" Straight Shank	Rigid	Rigid	4.43"

* Add "C" to the end of the part # for coolant-through

Capacity

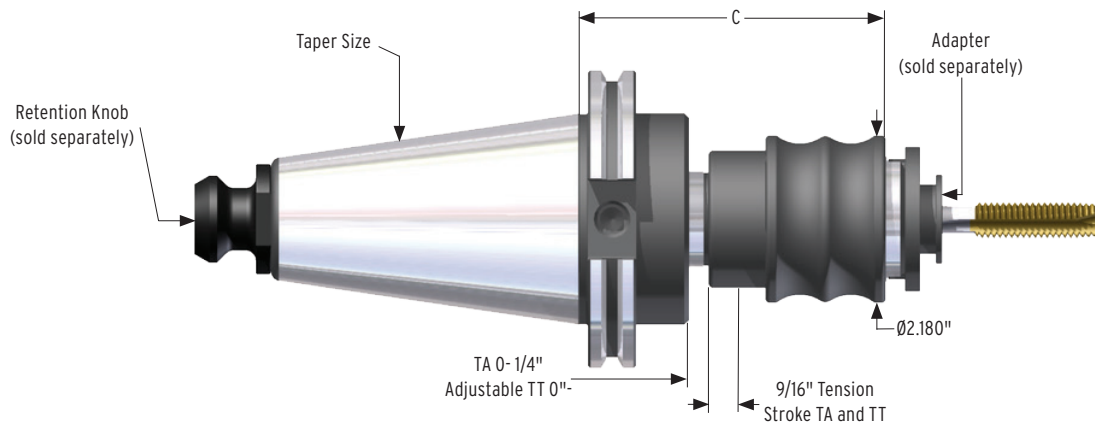
Synchronous / Tension & Compression

Inch	NPT
#0 - 9/16" Hand	1/16" - 1/8" NPT

NUMERTAP 200 | Synchronous / Tension & Compression Tapping Holders

FEATURES

- From 5/16" - 7/8" Hand and 1/4" - 1/2" NPT
- For use with popular Bilz-style size 2 adapters
- Rigid and tension-only available for use with synchronous tapping cycles
- Radial float improves thread quality and tap life
- Adjustable short compression stroke ensures accurate depth control (TA models)
- Free-floating tension stroke ensures thread size and quality (TA and TT models)



Part #	Taper	Compression	Tension	C
B40-20TA4	BT40	0 - 0.250"	.56"	5.19"
C40-20TA4	CAT40	0 - 0.250"	.56"	5.06"
C40-20TR4	CAT40	Rigid	Rigid	3.86"
C40-20TT4	CAT40	0	.56"	3.86"
C50-20TA4	CAT50	0 - 0.250"	.56"	4.25"
C50-20TR4	CAT50	Rigid	Rigid	4.25"
C50-20TT4	CAT50	0	.56"	4.25"
S10-20TA5	1" Straight Shank	0.250"	.56"	5.46"
S10-20FS5	1" Straight Shank	Rigid	Rigid	5.46"
S12-20TA5	1_1/4" Straight Shank	0 - 0.250"	.56"	5.46"
S20-20TA3	2" Straight Shank	0.250"	.56"	5.93"
S20-20FS3	2" Straight Shank	Rigid	Rigid	5.93"

* Add "C" to the end of the part # for coolant-through

Capacity

Synchronous / Tension & Compression

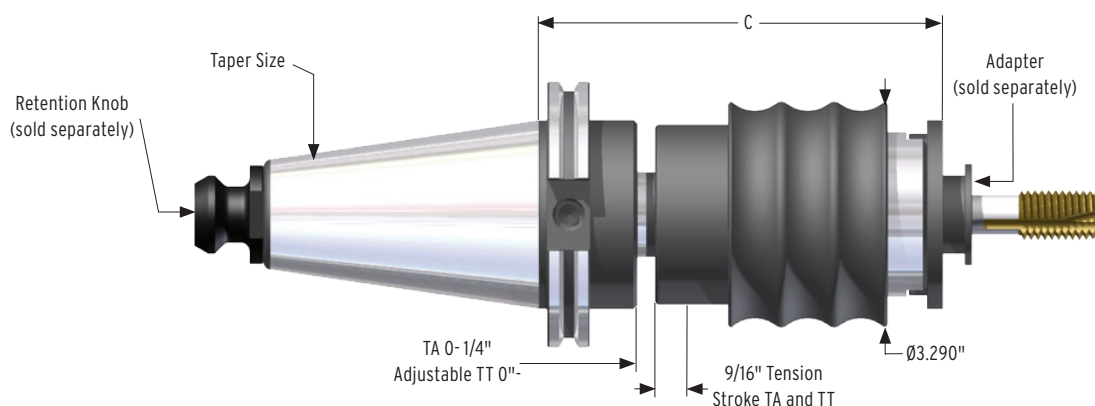
Inch	NPT
5/16" - 7/8" Hand	1/4" - 1/2" NPT

NUMERTAP® Tapping Systems

NUMERTAP 300 | Synchronous / Tension & Compression Tapping Holders

FEATURES

- From 3/16" - 1_3/8" Hand and 3/4" - 1" NPT
- For use with popular Bilz-style size 3 adapters
- Rigid and tension-only available for use with synchronous tapping cycles
- Radial float improves thread quality and tap life
- Adjustable short compression stroke ensures accurate depth control (TA models)
- Free-floating tension stroke ensures thread size and quality (TA and TT models)



Part #	Taper	Compression	Tension	C
C40-30TA5	CAT40	0 - .250"	.56"	6.46"
C40-30FS5	CAT40	Rigid	Rigid	6.46"
C40-30TT5	CAT40	0	.56"	6.46"
C50-30TA5	CAT50	0 - .250"	.56"	5.65"
C50-30FS5	CAT50	Rigid	Rigid	5.65"
C50-30TT5	CAT50	0	.56"	5.65"

* Add "C" to the end of the part # for coolant-through

Capacity

Synchronous / Tension & Compression

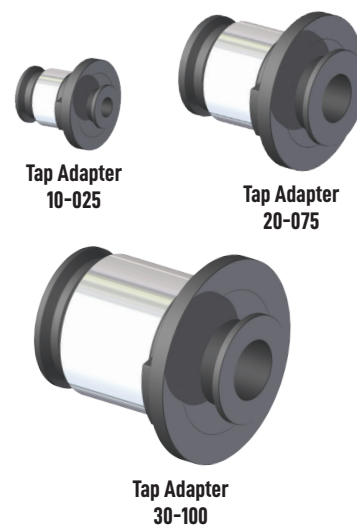
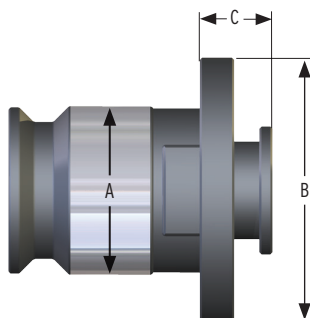
Inch	NPT
3/16" - 1_3/8" Hand	3/4" - 1" NPT

NUMERTAP 100, 200, & 300 Adapters

- For use in NUMERTAP® 100, 200, & 300 attachments

Tap Adapter Dimensions

Series	A	B	C
100	.75"	1.18"	.28"
200	1.22"	1.89"	.43"
300	1.89"	2.75"	.55"
100T	.75"	1.26"	.98"
200T	1.22"	1.97"	1.34"
300T	1.89"	2.83"	1.77"



	Size 1: NUMERTAP 100			Size 2: NUMERTAP 200			Size 3: NUMERTAP 300		
Tap Size	Part #	Part # w/ Coolant Groove	Part # Torque Controlled	Part #	Part # w/ Coolant Groove	Part # Torque Controlled	Part #	Part # w/ Coolant Groove	Part # Torque Controlled
#0 - 6	10-#0-6	10CG-#0-6	10T-#0-6	-	-	-	-	-	-
#8	10-#8	10CG-#8	10T-#8	-	-	-	-	-	-
#10	10-#10	10CG-#10	10T-#10	-	-	-	-	-	-
#12	10-#12	10CG-#12	10T-#12	-	-	-	-	-	-
1/4"	10-025	10CG-025	10T-025	-	-	-	-	-	-
5/16"	10-031	10CG-031	10T-031	20-031	20CG-031	20T-031	-	-	-
3/8"	10-037	10CG-037	10T-037	20-037	20CG-037	20T-037	-	-	-
7/16"	10-043	10CG-043	10T-043	20-043	20CG-043	20T-043	-	-	-
1/2"	10-050	10CG-050	10T-050	20-050	20CG-050	20T-050	-	-	-
9/16"	10-056	10CG-056	10T-056	20-056	20CG-056	20T-056	-	-	-
5/8"	-	-	-	20-062	20CG-062	20T-062	-	-	-
11/16"	-	-	-	20-068	20CG-068	20T-068	-	-	-
3/4"	-	-	-	20-075	20CG-075	20T-075	-	-	-
13/16"	-	-	-	20-081	20CG-081	20T-081	30-081	30-CG081	30T-081
7/8"	-	-	-	20-087	20CG-087	20T-087	30-087	30CG-087	30T-087
15/16"	-	-	-	-	-	-	30-093	30CG-093	30T-093
1"	-	-	-	-	-	-	30-100	30CG-100	30T-100
1_1/8"	-	-	-	-	-	-	30-106	30CG-106	30T-106
1_1/4"	-	-	-	-	-	-	30-118	30CG-118	30T-118
1_3/8"	-	-	-	-	-	-	30-131	30CG-131	30T-131
1/16" NPT	10-006N	10CG-006N	10T-006N	-	-	-	-	-	-
1/8" NPT	10-012N	10CG-012N	10T-012N	-	-	-	-	-	-
1/4" NPT	-	-	-	20-025N	20CG-025N	20T-025N	-	-	-
3/8" NPT	-	-	-	20-037N	20CG-037N	20T-037N	-	-	-
1/2" NPT	-	-	-	20-050N	20CG-050N	20T-050N	-	-	-
3/4" NPT	-	-	-	-	-	-	30-075N	30CG-075N	30T-075N
1" NPT	-	-	-	-	-	-	30-100N	30CG-100N	30T-100N
Set (1 ea.)	10-S012	10CG-S012	10T-S012	20-S013	20CG-S013	20T-S013	30-S009	30-CGS009	30T-S009