



MASTER CATALOG 2018

VOLUME TWO | **ROTATING TOOLS**



HOLEMAKING | TAPPING | SOLID END MILLING | INDEXABLE MILLING

➤ Straight-Flute Taps



High-Performance Taps for Through-Hole and Blind-Hole Applications

- Steel and steel alloys.
- Stainless steel.
- Cast iron.
- Cast aluminum.

High-Performance Beyond™ Solid Carbide Taps

- Straight-flute design for through- and blind-hole tapping in cast iron, cast aluminum, and hard steels.
- Runs up to 4x faster and 4x longer than conventional high-speed steel (HSS) taps.
- Ideal for long production runs where fewer tool changes result in greater productivity.
- For use on CNC machines with synchronous or rigid controls and precision toolholders.

High-Performance Beyond HSS-E-PM Taps

- Straight-flute design for through- and blind-hole tapping in cast iron and cast aluminum.
- Higher strength and wider range of applications versus solid carbide taps.
- Higher tapping speed capability and longer tool life than conventional HSS-E taps.
- Can be used on either conventional or synchronous tapping machines with rigid or synchronous tap holders.

General-Purpose Taps

- HSS straight-flute hand taps for use by hand or tapping under power.
- Plug and bottoming chamfers for through- and blind-hole tapping.
- Wide range of sizes and pitch limits offered with PVD coatings and surface treatments.

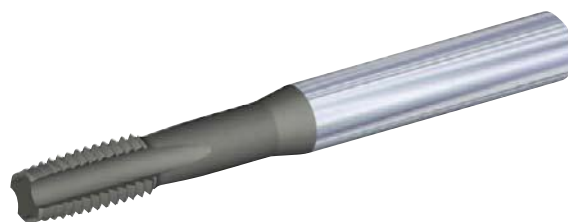
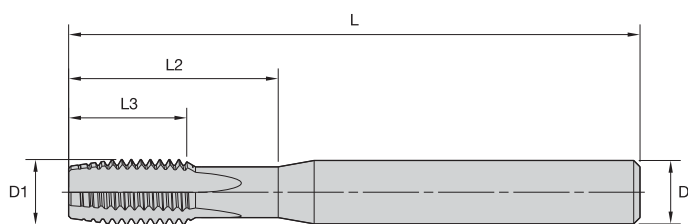


High-Performance Taps

Beyond™ Solid Carbide Straight-Flute Taps • Through Holes



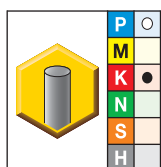
- KCK17 AICrTiN for cast iron.



T340 • Form D Plug • Inch • Solid Carbide • For Cast Iron



Tapping



- first choice
- alternate choice

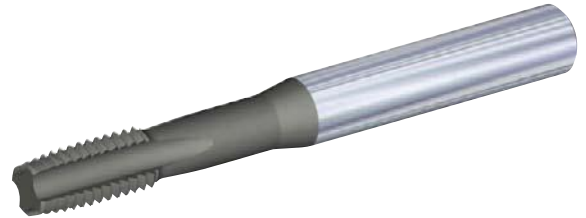
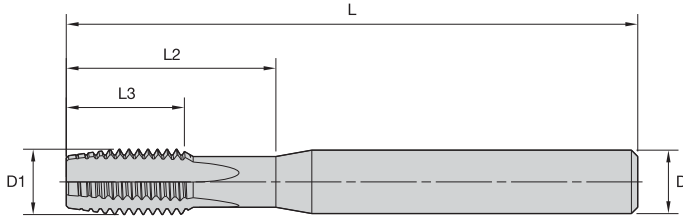
KCK17	D1 size	L	L3	L2	D	number of flutes	class of fit
T340NC#6-32R3BX	6 - 32	2.36	.28	.55	.2500	3	3BX
T340NC#8-32R3BX *	8 - 32	2.36	.28	.63	.2500	3	3BX
T340NC#10-24R3BX	10 - 24	2.36	.35	.79	.2500	3	3BX
T340NF#10-32R3BX	10 - 32	2.36	.35	.79	.2500	3	3BX
T340NC02500-20R3BX	1/4 - 20	2.76	.59	.94	.2500	4	3BX
T340NC03125-18R3BX	5/16 - 18	3.15	.67	1.26	.3125	4	3BX
T340NC03750-16R3BX	3/8 - 16	3.54	.75	1.57	.3750	4	3BX
T340NF03750-24R3BX	3/8 - 24	3.54	.75	1.57	.3750	4	3BX
T340NC05000-13R3BX	1/2 - 13	3.94	.94	1.89	.5000	4	3BX
T340NF05000-20R3BX	1/2 - 20	3.94	.94	1.89	.5000	4	3BX
T340NF05625-18R3BX	9/16 - 18	4.33	1.02	2.21	.5000	4	3BX

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

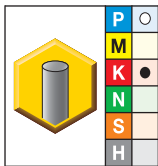
Shank Tolerance

D	tolerance h6
.250-.375	+0, -.0004
.438-.625	+0, -.0004

- KCK17 AlCrTiN for cast iron.



■ T340 • Form D Plug • Metric • Solid Carbide • For Cast Iron



- first choice
- alternate choice

KCK17	D1 size	L	L3	L2	D	number of flutes	class of fit
T340M040X070R6HX	M4 X 0,7	60	6	16	6,0	3	6HX
T340M050X080R6HX	M5 X 0,8	60	7	20	6,0	3	6HX
T340M060X100R6HX	M6 X 1	70	12	24	6,0	4	6HX
T340M080X125R6HX	M8 X 1,25	80	15	32	8,0	4	6HX
T340MF100X100R6HX	M10 X 1	90	18	40	10,0	4	6HX
T340M100X150R6HX	M10 X 1,5	90	18	40	10,0	4	6HX
T340MF120X150R6HX	M12 X 1,5	100	21	48	12,0	4	6HX
T340M120X175R6HX	M12 X 1,75	100	21	48	12,0	4	6HX
T340MF140X150R6HX	M14 X 1,5	110	24	56	12,0	4	6HX
T340M140X200R6HX	M14 X 2	110	24	56	12,0	4	6HX
T340M160X200R6HX	M16 X 2	110	24	64	14,0	4	6HX
T340M200X250R6HX	M20 X 2,5	140	30	80	18,0	5	6HX

Shank Tolerance

D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

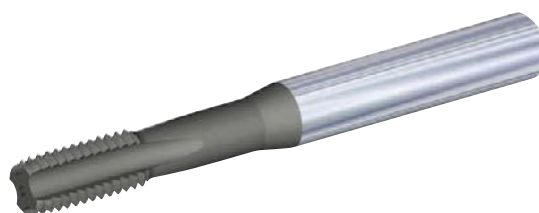
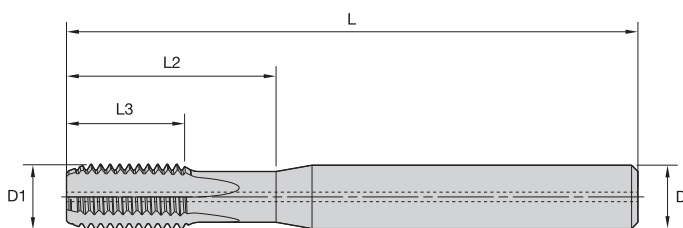


High-Performance Taps

Beyond™ Solid Carbide Straight-Flute Taps • Blind Holes

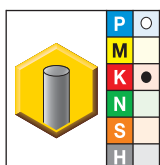


- KCK17 AICrTiN for cast iron.



T351 • Form E Bottoming Chamfer • Through Coolant 1/4" and Larger • Inch • Solid Carbide • For Cast Iron

Tapping



- first choice
- alternate choice

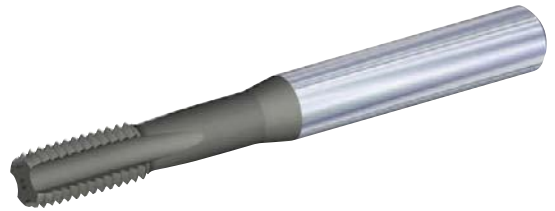
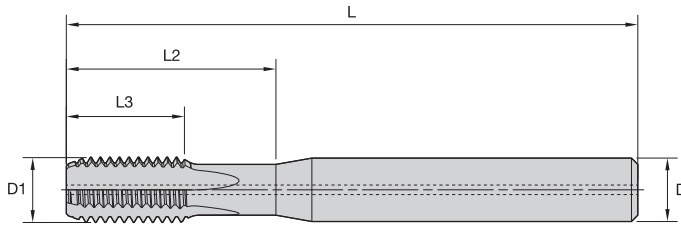
KCK17	D1 size	L	L3	L2	D	number of flutes	class of fit
T351NC#6-32R3BX *	6 - 32	2.36	.28	.55	.2500	3	3BX
T351NC#8-32R3BX	8 - 32	2.36	.28	.63	.2500	3	3BX
T351NF#10-32R3BX *	10 - 32	2.36	.35	.79	.2500	3	3BX
T351NC02500-20R3BX	1/4 - 20	2.76	.59	.95	.2500	4	3BX
T351NC03125-18R3BX	5/16 - 18	3.15	.67	1.26	.3125	4	3BX
T351NC03750-16R3BX	3/8 - 16	3.54	.75	1.57	.3750	4	3BX
T351NC04375-14R3BX	7/16 - 14	3.94	.87	1.73	.4375	4	3BX
T351NC05000-13R3BX	1/2 - 13	3.94	.94	1.89	.5000	4	3BX
T351NC06250-11R3BX	5/8 - 11	4.33	1.10	2.52	.5625	5	3BX
T351NC07500-10R3BX	3/4 - 10	4.92	1.22	3.01	.6250	5	3BX

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

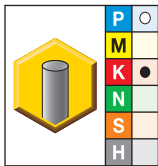
Shank Tolerance

D	tolerance h6
.250-.375	+0, -.0004
.438-.625	+0, -.0004

- KCK17 AlCrTiN for cast iron.



■ T351 • Form E Bottoming Chamfer • Through Coolant M6 and Larger • Metric • Solid Carbide • For Cast Iron



- first choice
- alternate choice

KCK17	D1 size	L	L3	L2	D	number of flutes	class of fit
T351M040X070R6HX *	M4 X 0,7	60	6	16	6,0	3	6HX
T351M050X080R6HX	M5 X 0,8	60	7	20	6,0	3	6HX
T351M060X100R6HX	M6 X 1	70	12	24	6,0	4	6HX
T351M080X125R6HX	M8 X 1,25	80	15	32	8,0	4	6HX
T351MF100X100R6HX	M10 X 1	90	18	40	10,0	4	6HX
T351M100X150R6HX	M10 X 1,5	90	18	40	10,0	4	6HX
T351MF120X150R6HX	M12 X 1,5	100	21	48	12,0	4	6HX
T351M120X175R6HX	M12 X 1,75	100	21	48	12,0	4	6HX
T351MF140X150R6HX	M14 X 1,5	110	24	56	12,0	4	6HX
T351M140X200R6HX	M14 X 2	110	24	56	12,0	4	6HX
T351M160X200R6HX	M16 X 2	110	24	64	14,0	4	6HX

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

Shank Tolerance

D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

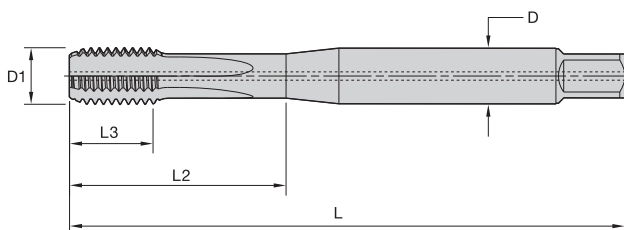
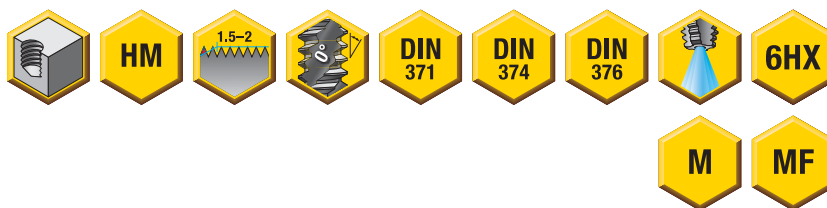


High-Performance Taps

Beyond™ Solid Carbide Straight-Flute Taps • Blind Holes



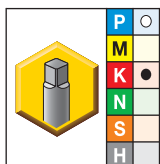
- KCK17 AICrTiN for cast iron.



beyond

- T351 • DIN 371, 374, and 376 • Form E Bottoming Chamfer • Through Coolant • Metric • Solid Carbide • For Cast Iron

Tapping



● first choice

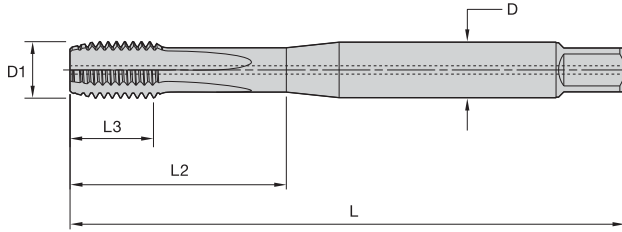
○ alternate choice

KCK17	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T351M060X100R6HX-D1	M6 X 1	80	10	30	6,0	4	DIN 371	6HX
T351M070X100R6HX-D1	M7 X 1	80	10	30	7,0	4	DIN 371	6HX
T351M080X125R6HX-D1	M8 X 1,25	90	13	35	8,0	4	DIN 371	6HX
T351M090X125R6HX-D1	M9 X 1,25	90	13	35	9,0	4	DIN 371	6HX
T351MF100X100R6HX-D4	M10 X 1	90	10	35	7,0	4	DIN 374	6HX
T351MF100X125R6HX-D4	M10 X 1,25	100	15	39	7,0	4	DIN 374	6HX
T351M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	4	DIN 371	6HX
T351MF120X125R6HX-D4	M12 X 1,25	100	15	39	9,0	4	DIN 374	6HX
T351MF120X150R6HX-D4	M12 X 1,50	100	15	39	9,0	4	DIN 374	6HX
T351M120X175R6HX-D6	M12 X 1,75	110	18	44	9,0	4	DIN 376	6HX
T351MF140X125R6HX-D4	M14 X 1,25	100	15	47	11,0	4	DIN 374	6HX
T351MF140X150R6HX-D4	M14 X 1,5	100	15	47	11,0	4	DIN 374	6HX
T351M140X200R6HX-D6	M14 X 2	110	20	52	11,0	4	DIN 376	6HX

Shank Tolerance

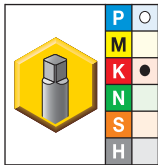
D	tolerance h6
3-6	+0, -0,008
>6-10	+0, -0,009
>10-18	+0, -0,011
>18-30	+0, -0,013
>30-50	+0, -0,016

• KCK17 AlCrTiN for cast iron.



beyond

■ T353 • DIN 371 and 376 • Form C Semi-Bottoming Chamfer • Through Coolant M6 and Larger • Metric • Solid Carbide • For Cast Iron



● first choice
○ alternate choice

KCK17	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T353M040X070R6HX-D1	M4 X 0,7	63	10	21	4,5	3	DIN 371	6HX
T353M050X080R6HX-D1	M5 X 0,8	70	10	25	6,0	3	DIN 371	6HX
T353M060X100R6HX-D1	M6 X 1	80	10	30	6,0	4	DIN 371	6HX
T353M080X125R6HX-D1	M8 X 1,25	90	13	35	8,0	4	DIN 371	6HX
T353M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	4	DIN 371	6HX
T353M120X175R6HX-D6	M12 X 1,75	110	18	44	9,0	4	DIN 376	6HX
T353M140X200R6HX-D6	M14 X 2	110	20	52	11,0	4	DIN 376	6HX

Shank Tolerance

D	tolerance h6
3-6	+0, -0,008
>6-10	+0, -0,009
>10-18	+0, -0,011
>18-30	+0, -0,013
>30-50	+0, -0,016

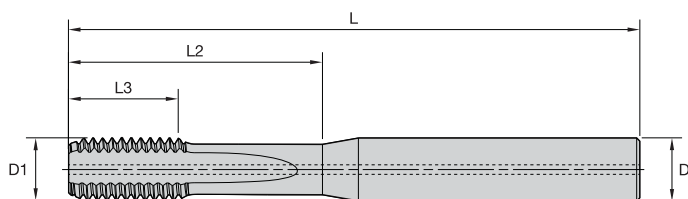
Tapping

High-Performance Taps

Beyond™ Solid Carbide Straight-Flute Taps • Blind Holes



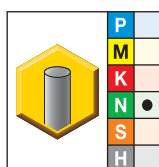
- KCN14 TiN + CrC/C for aluminum.



■ T471 • Form E Bottoming Chamfer • Through Coolant • Metric • Solid Carbide • For Aluminum



Tapping



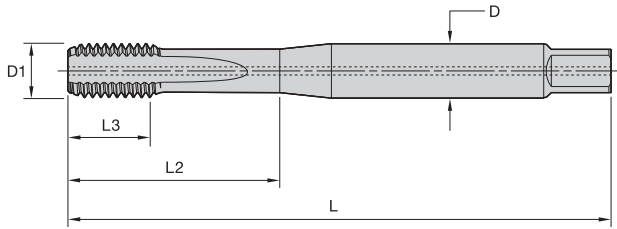
- first choice
- alternate choice

KCN14	D1 size	L	L3	L2	D	number of flutes	class of fit
T471M060X100R6HX	M6 X 1	70	12	24	6,0	3	6HX
T471M080X125R6HX	M8 X 1,25	80	15	32	8,0	3	6HX
T471M100X150R6HX	M10 X 1,5	90	18	40	10,0	3	6HX
T471M120X175R6HX	M12 X 1,75	100	21	48	12,0	3	6HX
T471M140X200R6HX	M14 X 2	110	24	56	12,0	4	6HX

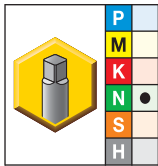
Shank Tolerance

D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

- KCN14 TiN + CrC/C for aluminum.



- T471 • DIN 371 • Form E Bottoming Chamfer • Through Coolant • Metric • Solid Carbide • For Aluminum



- first choice
- alternate choice

KCN14	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T471M060X100R6HX-D1	M6 X 1	80	10	30	6,0	3	DIN 371	6HX
T471M080X125R6HX-D1	M8 X 1,25	90	10	35	8,0	3	DIN 371	6HX
T471M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	3	DIN 371	6HX

Shank Tolerance

D	tolerance h6
3-6	+0, -0,008
>6-10	+0, -0,009
>10-18	+0, -0,011
>18-30	+0, -0,013
>30-50	+0, -0,016

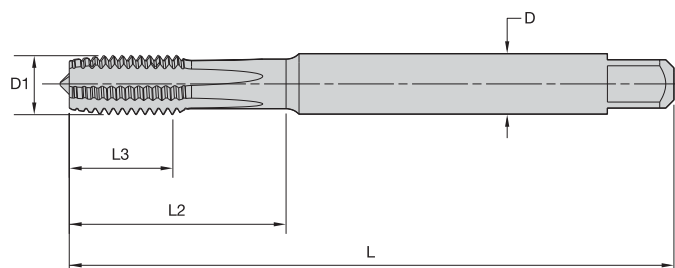


High-Performance Taps

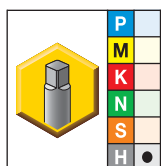
Beyond™ Solid Carbide Straight-Flute Taps • Blind and Through Holes



- KCU36 TiAlN/MoS₂ for tapping steel 55–63 HRC.



T410 • DIN 371, 374, and 376 • Form C Semi-Bottoming Chamfer • Metric • Solid Carbide • For Hard Steel



- first choice
- alternate choice

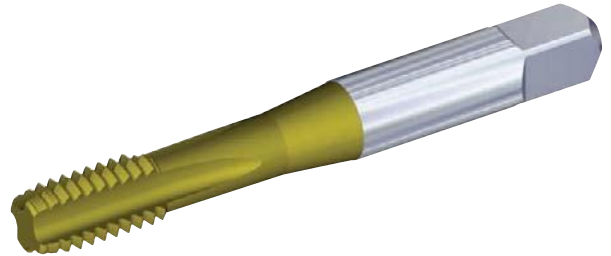
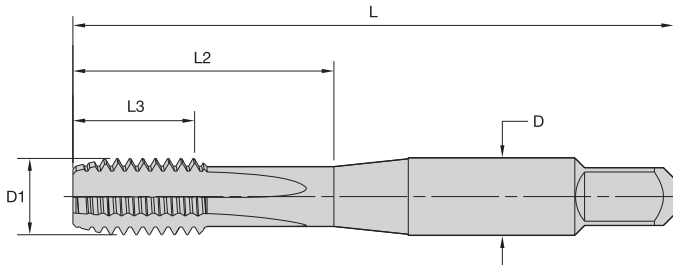
KCU36	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T410M030X050R6HX-D1	M3 X 0,5	63	6	18	4,5	4	DIN 371	6HX
T410M040X070R6HX-D1	M4 X 0,7	63	8	20	4,5	4	DIN 371	6HX
T410M050X080R6HX-D1	M5 X 0,8	70	10	26	6,0	4	DIN 371	6HX
T410M060X100R6HX-D1	M6 X 1	80	12	28	6,0	4	DIN 371	6HX
T410MF080X100R6HX-D4 *	M8 X 1	90	15	35	8,0	5	DIN 374	6HX
T410M080X125R6HX-D1	M8 X 1,25	90	15	35	8,0	5	DIN 371	6HX
T410MF100X100R6HX-D4 *	M10 X 1	100	18	38	10,0	5	DIN 374	6HX
T410M100X150R6HX-D1	M10 X 1,5	100	18	38	10,0	5	DIN 371	6HX
T410MF120X150R6HX-D4	M12 X 1,5	110	21	41	12,0	5	DIN 374	6HX
T410M120X175R6HX-D6	M12 X 1,75	110	21	41	12,0	5	DIN 376	6HX
T410MF140X150R6HX-D4	M14 X 1,5	110	24	44	14,0	5	DIN 374	6HX
T410M140X200R6HX-D6	M14 X 2	110	24	44	14,0	6	DIN 376	6HX
T410MF160X150R6HX-D4	M16 X 1,5	110	24	44	16,0	5	DIN 374	6HX

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

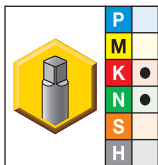
Shank Tolerance

D	tolerance h9
1–3	+0, -0,025
3,5–6	+0, -0,030
7–10	+0, -0,036
11–18	+0, -0,043

- KP6525 TiCN + TiN for cast iron and cast aluminum.



■ **T640 • Machine Screw and Fractional • Form C Semi-Bottoming Chamfer • ANSI • For Cast Iron and Cast Aluminum**



- first choice
- alternate choice

KP6525	D1 size	L	L3	L2	D	number of flutes	class of fit
T640NC#10-24R3BX-A *	10 - 24	2.37	.47	.91	.194	3	3BX
T640NF#10-32R3BX-A	10 - 32	2.36	.47	.91	.194	3	3BX
T640NC02500-20R2BX-A	1/4 - 20	2.50	.44	1.01	.255	4	2BX
T640NC02500-20R3BX-A *	1/4 - 20	2.50	.44	1.01	.255	4	3BX
T640NF02500-28R2BX-A	1/4 - 28	2.49	.43	1.00	.255	4	2BX
T640NF02500-28R3BX-A	1/4 - 28	2.49	.43	1.00	.255	4	3BX
T640NC03125-18R2BX-A	5/16 - 18	2.72	.49	1.13	.318	4	2BX
T640NC03125-18R3BX-A *	5/16 - 18	2.72	.49	1.13	.318	4	3BX
T640NF03125-24R3BX-A *	5/16 - 24	2.71	.48	1.13	.318	4	3BX
T640NC03750-16R2BX-A	3/8 - 16	2.94	.60	1.27	.381	4	2BX
T640NC03750-16R3BX-A	3/8 - 16	2.94	.60	1.27	.381	4	3BX
T640NF03750-24R3BX-A	3/8 - 24	2.92	.58	1.25	.381	4	3BX
T640NC04375-14R3BX-A	7/16 - 14	3.16	.71	1.49	.323	4	3BX
T640NF04375-20R3BX-A	7/16 - 20	3.16	.71	1.49	.323	4	3BX
T640NC05000-13R3BX-A	1/2 - 13	3.38	.77	1.74	.367	4	3BX
T640NF05000-20R3BX-A	1/2 - 20	3.38	.77	1.74	.367	4	3BX
T640NC06250-11R3BX-A	5/8 - 11	3.81	.91	1.89	.480	4	3BX
T640NC07500-10R3BX-A	3/4 - 10	4.25	1.00	2.08	.590	4	3BX

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

Shank Tolerance

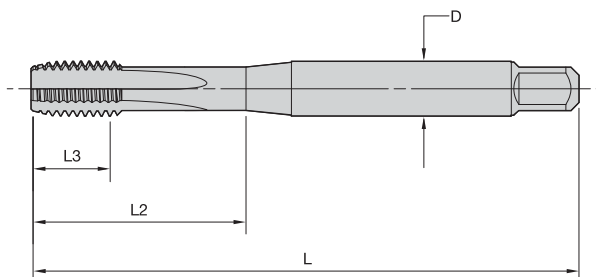
D fractional	D inch
.250-.375	+0, -.0004
.438-.625	+0, -.0004

High-Performance Taps

Beyond™ Straight-Flute HSS-E-PM Taps • Through and Blind Holes

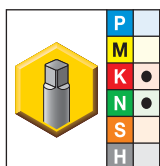


- KP6525 TiCN + TiN for cast iron and cast aluminum.



T640 • DIN 371 and 376 • Form C Semi-Bottoming Chamfer • Machine Screw and Fractional • For Cast Iron and Cast Aluminum

Tapping



- first choice
- alternate choice

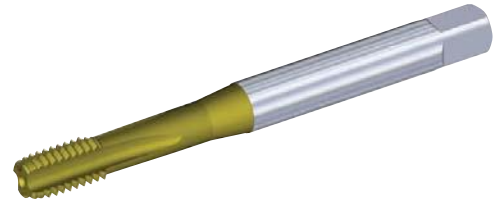
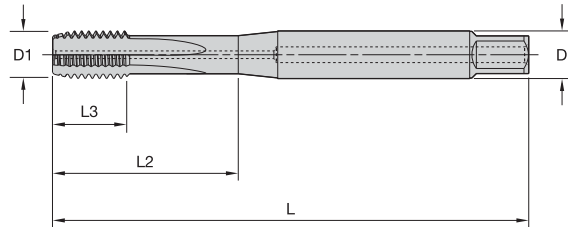
KP6525	metric dimensions					number of flutes	dimension standard	class of fit
	D1 size	L	L3	L2	D			
T640NC#06-32R2BX-D1	6 - 32	56	9	20	4,0	3	DIN 371	2BX
T640NF#06-40R2BX-D1 *	6 - 40	56	9	20	4,0	3	DIN 371	2BX
T640NC#08-32R2BX-D1	8 - 32	63	10	21	4,5	3	DIN 371	2BX
T640NC#10-24R2BX-D1	10 - 24	70	10	25	6,0	3	DIN 371	2BX
T640NF#10-32R2BX-D1	10 - 32	70	10	25	6,0	3	DIN 371	2BX
T640NC02500-20R3BX-D1	1/4 - 20	80	13	30	7,0	4	DIN 371	3BX
T640NF02500-28R3BX-D1	1/4 - 28	80	13	30	7,0	4	DIN 371	3BX
T640NC03125-18R3BX-D1	5/16 - 18	90	13	35	8,0	4	DIN 371	3BX
T640NF03125-24R3BX-D1	5/16 - 24	90	13	35	8,0	4	DIN 371	3BX
T640NC03750-16R3BX-D1	3/8 - 16	100	16	39	10,0	4	DIN 371	3BX
T640NF03750-24R3BX-D1	3/8 - 24	100	16	39	10,0	4	DIN 371	3BX
T640NC04375-14R3BX-D6	7/16 - 14	100	15	41	8,0	4	DIN 376	3BX
T640NF04375-20R3BX-D6	7/16 - 20	100	15	41	8,0	4	DIN 376	3BX
T640NC05000-13R3BX-D6	1/2 - 13	110	20	47	9,0	4	DIN 376	3BX
T640NF05000-20R3BX-D6	1/2 - 20	110	20	47	9,0	4	DIN 376	3BX

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

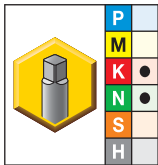
Shank Tolerance

D fractional	tolerance h6
>3-6	+0, -0,008
>6-10	+0, -0,009
<10-18	+0, -0,011

- KP6525 TiCN + TiN for cast iron and cast aluminum.



■ T641 • DIN 371 and 376 • Form C Semi-Bottoming Chamfer • Through Coolant • Fractional • For Cast Iron and Cast Aluminum



- first choice
- alternate choice

KP6525	D1 size	metric dimensions				D	number of flutes	dimension standard	class of fit
		L	L3	L2					
T641NC02500-20R3BX-D1	1/4 - 20	80	13	30	7,0	4	DIN 371	3BX	
T641NF02500-28R3BX-D1	1/4 - 28	80	13	30	7,0	4	DIN 371	3BX	
T641NC03125-18R3BX-D1	5/16 - 18	90	13	35	8,0	4	DIN 371	3BX	
T641NF03125-24R3BX-D1	5/16 - 24	90	13	35	8,0	4	DIN 371	3BX	
T641NC03750-16R3BX-D1	3/8 - 16	100	16	39	10,0	4	DIN 371	3BX	
T641NF03750-24R3BX-D1	3/8 - 24	100	16	39	10,0	4	DIN 371	3BX	
T641NC04375-14R3BX-D6	7/16 - 14	100	15	41	8,0	4	DIN 376	3BX	
T641NF04375-20R3BX-D6	7/16 - 20	100	15	41	8,0	4	DIN 376	3BX	
T641NC05000-13R3BX-D6	1/2 - 13	110	20	47	9,0	4	DIN 376	3BX	
T641NF05000-20R3BX-D6	1/2 - 20	110	20	47	9,0	4	DIN 376	3BX	

Shank Tolerance

D fractional	tolerance h6
>3-6	+0, -0,008
>6-10	+0, -0,009
<10-18	+0, -0,011

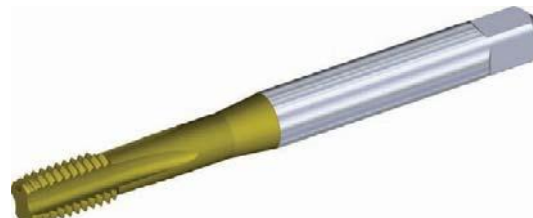
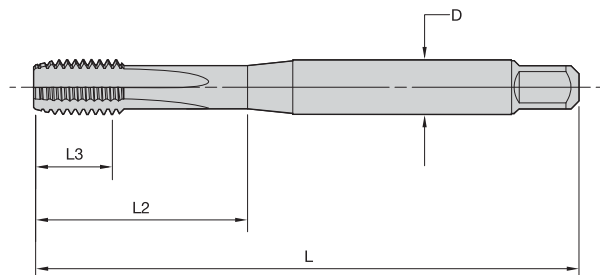


High-Performance Taps

Beyond™ Straight-Flute HSS-E-PM Taps • Through and Blind Holes

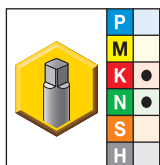


- KP6525 TiCN + TiN for cast iron and cast aluminum.



■ T640 • DIN 371 and 376 • Form C Semi-Bottoming Chamfer • Metric • For Cast Iron and Cast Aluminum

Tapping



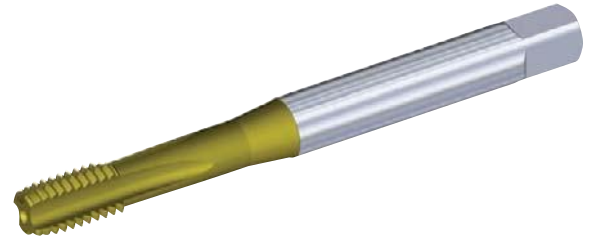
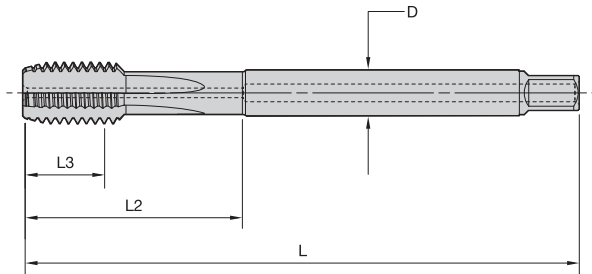
- first choice
- alternate choice

KP6525	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T640M040X070R6HX-D1	M4 X 0,7	63	10	21	4,5	3	DIN 371	6HX
T640M050X080R6HX-D1	M5 X 0,8	70	10	25	6,0	3	DIN 371	6HX
T640M060X100R6HX-D1	M6 X 1	80	10	30	6,0	4	DIN 371	6HX
T640M080X125R6HX-D1	M8 X 1,25	90	13	35	8,0	4	DIN 371	6HX
T640M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	4	DIN 371	6HX
T640M120X175R6HX-D6	M12 X 1,75	110	18	44	9,0	4	DIN 376	6HX
T640M140X200R6HX-D6	M14 X 2	110	20	52	11,0	4	DIN 376	6HX
T640M160X200R6HX-D6	M16 X 2	110	20	51	12,0	4	DIN 376	6HX
T640M180X250R6HX-D6	M18 X 2,5	125	25	58	14,0	4	DIN 376	6HX
T640M200X250R6HX-D6	M20 X 2,5	140	25	64	16,0	4	DIN 376	6HX
T640M220X250R6HX-D6	M22 X 2,5	140	25	70	18,0	4	DIN 376	6HX

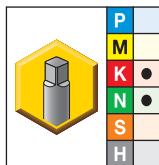
Shank Tolerance

D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

- KP6525 TiCN + TiN for cast iron and cast aluminum.



■ T641 • DIN 371 and 376 • Form C Semi-Bottoming Chamfer • Through Coolant • Metric • For Cast Iron and Cast Aluminum



- first choice
- alternate choice

KP6525	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T641M050X080R6HX-D1	M5 X 0,8	70	10	25	6,0	3	DIN 371	6HX
T641M060X100R6HX-D1	M6 X 1	80	10	30	6,0	4	DIN 371	6HX
T641M080X125R6HX-D1	M8 X 1,25	90	13	35	8,0	4	DIN 371	6HX
T641M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	4	DIN 371	6HX
T641M120X175R6HX-D6	M12 X 1,75	110	18	44	9,0	4	DIN 376	6HX
T641M140X200R6HX-D6	M14 X 2	110	20	52	11,0	4	DIN 376	6HX
T641M160X200R6HX-D6	M16 X 2	110	20	51	12,0	4	DIN 376	6HX
T641M180X250R6HX-D6	M18 X 2,5	125	25	58	14,0	4	DIN 376	6HX
T641M200X250R6HX-D6	M20 X 2,5	140	25	64	16,0	4	DIN 376	6HX

Shank Tolerance

D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

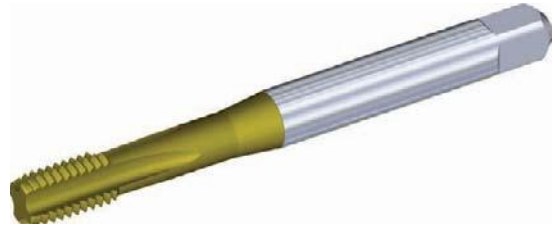
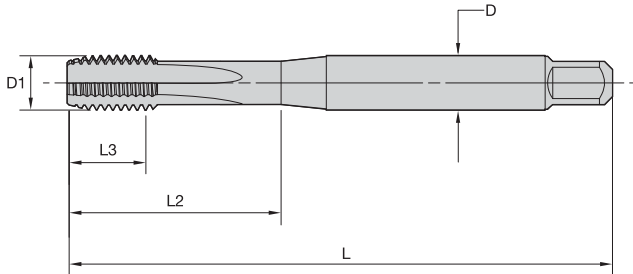
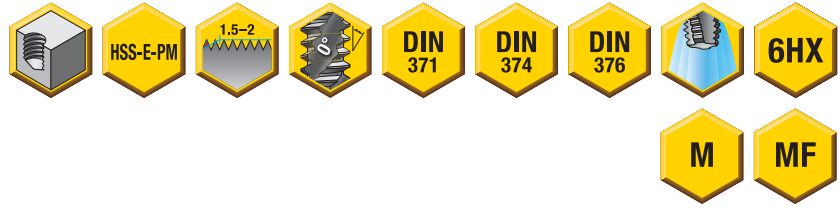


High-Performance Taps

Beyond™ Straight-Flute HSS-E-PM Taps • Threading Close to the Bottom in Blind Holes

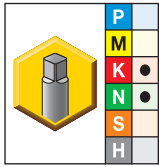


- KP6525 TiCN + TiN for cast iron and cast silicon aluminum.



Tapping

T642 • DIN 371, 374, and 376 • Form E Bottoming Chamfer • Metric • For Cast Iron and Cast Silicon Aluminum



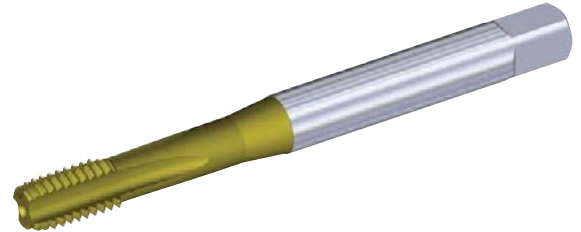
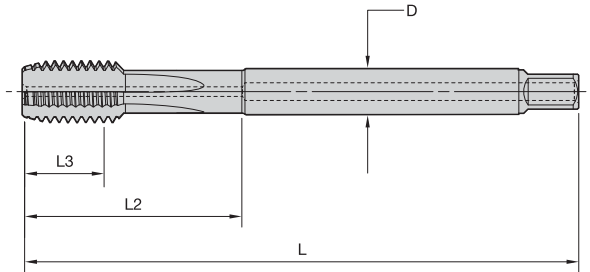
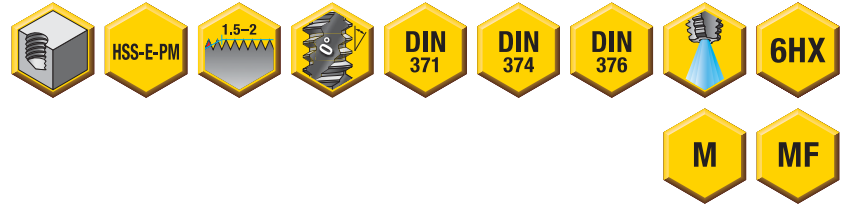
- first choice
- alternate choice

KP6525	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T642M050X080R6HX-D1	M5 X 0,8	70	10	25	6,0	3	DIN 371	6HX
T642M060X100R6HX-D1	M6 X 1	80	10	30	6,0	4	DIN 371	6HX
T642M080X125R6HX-D1	M8 X 1,25	90	13	35	8,0	4	DIN 371	6HX
T642M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	4	DIN 371	6HX
T642MF120X150R6HX-D4	M12 X 1,5	100	15	39	9,0	4	DIN 374	6HX
T642M120X175R6HX-D6	M12 X 1,75	110	18	44	9,0	4	DIN 376	6HX
T642MF140X150R6HX-D4	M14 X 1,5	100	15	47	11,0	4	DIN 374	6HX
T642M140X200R6HX-D6	M14 X 2	110	20	52	11,0	4	DIN 376	6HX
T642MF160X150R6HX-D4	M16 X 1,5	100	15	46	12,0	4	DIN 374	6HX

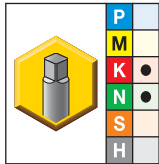
Shank Tolerance

D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

- KP6525 TiCN + TiN for tapping cast iron and cast silicon aluminum.



■ **T643 • DIN 371, 374, and 376 • Form E Bottoming Chamfer • Through Coolant • Metric • For Cast Iron and Cast Silicon Aluminum**



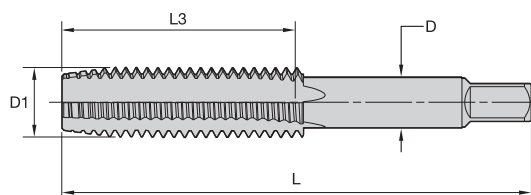
- first choice
- alternate choice

KP6525	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T643M050X080R6HX-D1	M5 X 0,8	70	10	25	6,0	3	DIN 371	6HX
T643M060X100R6HX-D1	M6 X 1	80	10	30	6,0	4	DIN 371	6HX
T643M080X125R6HX-D1	M8 X 1,25	90	13	35	8,0	4	DIN 371	6HX
T643M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	4	DIN 371	6HX
T643MF120X150R6HX-D4	M12 X 1,5	100	15	39	9,0	4	DIN 374	6HX
T643M120X175R6HX-D6	M12 X 1,75	110	18	44	9,0	4	DIN 376	6HX
T643MF140X150R6HX-D4	M14 X 1,5	100	15	47	11,0	4	DIN 374	6HX
T643M140X200R6HX-D6	M14 X 2	110	20	52	11,0	4	DIN 376	6HX
T643MF160X150R6HX-D4	M16 X 1,5	100	15	46	12,0	4	DIN 374	6HX

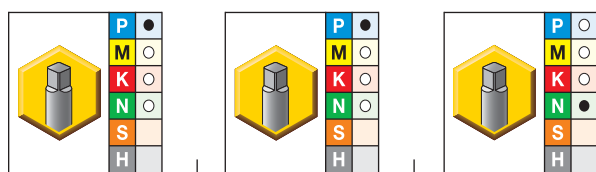
Shank Tolerance

D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011





■ KHSST Hand • Machine Screw Sizes • Plug Chamfer Tap

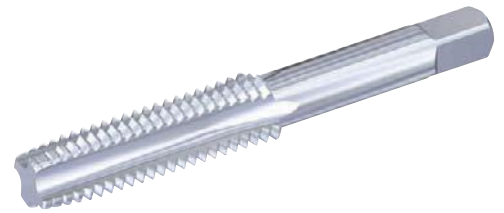
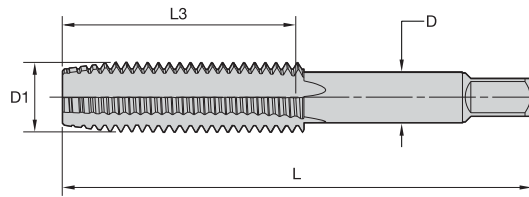


● first choice
○ alternate choice

Tapping

TICN	TiN	uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
—	—	KHSST28372	0 - 80	1.63	.31	.141	2	H1
—	KHSST09000	KHSST08003	0 - 80	1.63	.31	.141	2	H2
—	—	KHSST08015	1 - 64	1.69	.38	.141	2	H2
—	KHSST28129	KHSST28376	2 - 56	1.75	.44	.141	2	H2
—	KHSST28426	KHSST08039	2 - 56	1.75	.44	.141	3	H2
—	KHSST28134	—	3 - 48	1.81	.50	.141	2	H2
—	—	KHSST28380	3 - 48	1.81	.50	.141	3	H2
—	—	KHSST08067	3 - 56	1.81	.50	.141	3	H2
—	KHSST28427	KHSST08082	4 - 40	1.88	.56	.141	2	H2
KHSST28433	KHSST09004	KHSST08087	4 - 40	1.88	.56	.141	3	H2
—	—	KHSST08101	4 - 48	1.88	.56	.141	3	H2
—	—	KHSST08112	5 - 40	1.94	.63	.141	2	H2
—	—	KHSST08116	5 - 40	1.94	.63	.141	3	H2
—	—	KHSST08140	6 - 32	2.00	.69	.141	2	H2
—	KHSST28428	KHSST28389	6 - 32	2.00	.69	.141	2	H3
—	KHSST09008	KHSST08148	6 - 32	2.00	.69	.141	3	H2
KHSST28440	—	KHSST08151	6 - 32	2.00	.69	.141	3	H3
—	—	KHSST08172	6 - 40	2.00	.69	.141	3	H2
—	—	KHSST28396	8 - 32	2.13	.75	.168	2	H2
—	—	KHSST28400	8 - 32	2.13	.75	.168	2	H3
—	KHSST28136	KHSST28401	8 - 32	2.13	.75	.168	3	H3
—	KHSST09010	KHSST28397	8 - 32	2.13	.75	.168	4	H2
—	—	KHSST08192	8 - 32	2.13	.75	.168	4	H3
—	—	KHSST08218	8 - 36	2.13	.75	.168	4	H2
—	—	KHSST08238	10 - 24	2.38	.88	.194	2	H3
—	—	KHSST28410	10 - 32	2.38	.88	.194	2	H2
—	KHSST28425	KHSST08272	10 - 32	2.38	.88	.194	2	H3
—	—	KHSST28407	10 - 24	2.38	.88	.194	3	H3
—	—	KHSST28413	10 - 32	2.38	.88	.194	3	H3
—	KHSST09012	KHSST08234	10 - 24	2.38	.88	.194	4	H3
—	—	KHSST08261	10 - 32	2.38	.88	.194	4	H2
—	KHSST09014	KHSST08268	10 - 32	2.38	.88	.194	4	H3
—	KHSST28132	KHSST08294	12 - 24	2.38	.94	.220	4	H3
—	—	KHSST28417	12 - 28	2.38	.94	.220	4	H3

NOTE: Hand taps for 3B class of fit are suitable for UNJ aerospace internal threading applications. Refer to table on pages M202–M203 for the recommended pitch diameter limit for 2B or 3B class of fit.



■ KHSST Hand • Fractional Sizes • Plug Chamfer Tap

								D1 size	L	L3	D	number of flutes	pitch diameter limit
TiCN	TiN	oxide	uncoated	● first choice	○ alternate choice								
—	—	—	KHSST08316	1/4 - 20	2.50	1.00	.255	4	H2				
—	KHSST28358	—	KHSST08324	1/4 - 20	2.50	1.00	.255	2	H3				
—	—	—	KHSST28296	1/4 - 20	2.50	1.00	.255	3	H3				
KHSST28364	KHSST09018	KHSST28343	KHSST08320	1/4 - 20	2.50	1.00	.255	4	H3				
—	—	—	KHSST28298	1/4 - 20	2.50	1.00	.255	4	H5				
—	—	—	KHSST08355	1/4 - 28	2.50	1.00	.255	3	H3				
—	—	—	KHSST08353	1/4 - 28	2.50	1.00	.255	4	H3				
—	—	—	KHSST28293	1/4 - 20	3.38	1.66	.367	4	H5				
—	KHSST28356	—	KHSST28318	5/16 - 18	2.72	1.13	.318	2	H3				
—	KHSST28127	—	KHSST28314	5/16 - 18	2.72	1.13	.318	3	H3				
—	KHSST09022	—	KHSST08380	5/16 - 18	2.72	1.13	.318	4	H3				
—	—	—	KHSST08411 *	5/16 - 24	2.72	1.13	.318	3	H3				
—	—	KHSST28349	KHSST08409	5/16 - 24	2.72	1.13	.318	4	H3				
—	KHSST28359	—	KHSST28309	3/8 - 16	2.94	1.25	.381	3	H3				
—	KHSST09026	KHSST28348	KHSST08434	3/8 - 16	2.94	1.25	.381	4	H3				
—	—	—	KHSST08461	3/8 - 24	2.94	1.25	.381	3	H3				
—	KHSST09028	—	KHSST08459	3/8 - 24	2.94	1.25	.381	4	H3				
—	KHSST09030	—	KHSST08477	7/16 - 14	3.16	1.44	.323	4	H3				
—	KHSST28123	—	KHSST08493	7/16 - 20	3.16	1.44	.323	4	H3				
—	—	—	KHSST08510	1/2 - 13	3.38	1.66	.367	3	H3				
KHSST28361	KHSST28116	KHSST28341	KHSST08508	1/2 - 13	3.38	1.66	.367	4	H3				
—	—	—	KHSST28291	1/2 - 20	3.38	1.66	.367	3	H3				
—	—	—	KHSST08530	1/2 - 20	3.38	1.66	.367	4	H3				
—	—	—	KHSST08545	9/16 - 12	3.59	1.66	.429	4	H3				
—	—	—	KHSST08553	9/16 - 18	3.59	1.66	.429	4	H3				
KHSST28366	KHSST28120	KHSST28351	KHSST08561	5/8 - 11	3.81	1.81	.480	4	H3				
—	—	—	KHSST28323	5/8 - 11	3.81	1.81	.480	4	H5				
—	KHSST28121	—	KHSST08574	5/8 - 18	3.81	1.81	.480	4	H3				

(continued)

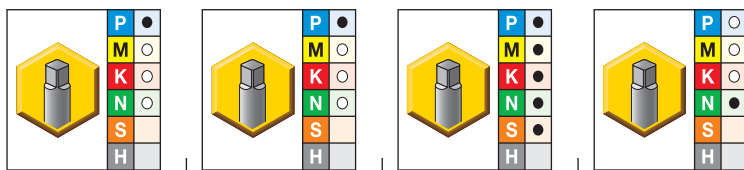


General-Purpose Taps

Hand Taps • Through Holes in General Machining Applications



(KHSST Hand • Fractional Sizes • Plug Chamfer Tap – continued)

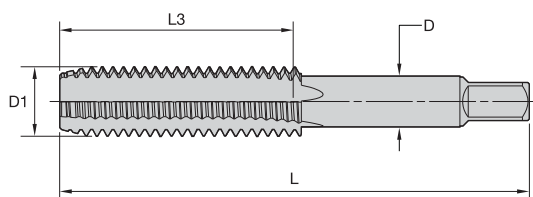
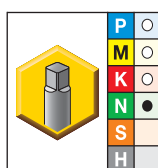
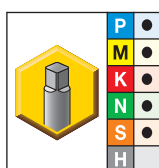
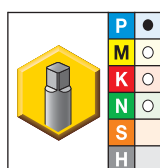


● first choice
○ alternate choice

TICN	TiN	oxide	uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
—	—	—	KHSST28242	5/8 - 18	3.81	1.81	.480	4	H5
KHSST28365	KHSST09042	KHSST28345	KHSST08595	3/4 - 10	4.25	2.00	.590	4	H3
—	—	—	KHSST28302	3/4 - 10	4.25	2.00	.590	4	H5
—	KHSST28118	KHSST28346	KHSST08608	3/4 - 16	4.25	2.00	.590	4	H3
—	—	—	KHSST28305	3/4 - 16	4.25	2.00	.590	4	H5
—	KHSST28125	KHSST28352	KHSST08616	7/8 - 9	4.69	2.22	.697	4	H4
—	KHSST09048	—	KHSST28330	7/8 - 14	4.69	2.22	.697	4	H4
—	KHSST28115	KHSST28339	KHSST08630	1 - 8	5.13	2.50	.800	4	H4
—	—	—	KHSST28286	1 - 8	5.13	2.50	.800	4	H6
—	—	—	KHSST28279	1 - 12	5.13	2.50	.800	4	H4
—	—	—	KHSST28281	1 - 14	5.13	2.50	.800	4	H2
—	—	—	KHSST28283	1 - 14	5.13	2.50	.800	4	H4
—	—	—	KHSST28033	1 1/8 - 7	5.44	2.56	.896	4	H4
—	—	—	KHSST28029	1 1/8 - 12	5.44	2.56	.896	4	H4
—	—	—	KHSST28021	1 1/4 - 7	5.75	2.56	1.021	4	H4
—	—	—	KHSST28016	1 1/4 - 12	5.75	2.56	1.021	6	H4
—	—	—	KHSST28043	1 3/8 - 6	6.06	3.00	1.108	4	H4
—	—	—	KHSST28040	1 3/8 - 12	6.06	3.00	1.108	6	H4
—	—	—	KHSST28009	1 1/2 - 6	6.38	3.00	1.233	4	H4
—	—	—	KHSST28004	1 1/2 - 12	6.38	3.00	1.233	6	H4

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.
Hand taps for 3B class of fit are suitable for UNJ aerospace internal threading applications.
Refer to table on pages M202–M203 for the recommended pitch diameter limit for 2B or 3B class of fit.

Tapping

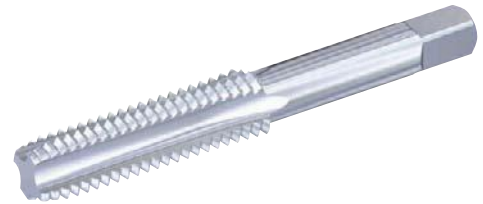
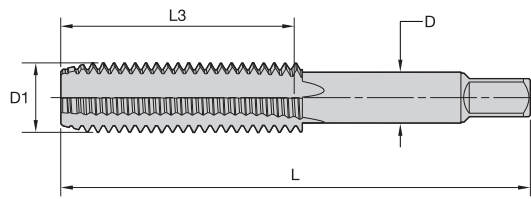

■ KHSST Hand • Machine Screw Sizes • Bottoming Chamfer Tap


● first choice
○ alternate choice

	TiN	oxide	uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
—	—	—	KHSST28368	0 - 80	1.63	.31	.141	2	H1
KHSST28128	—	—	KHSST28371	0 - 80	1.63	.31	.141	2	H2
—	—	—	KHSST28373	1 - 72	1.69	.38	.141	2	H1
—	—	—	KHSST28374	2 - 56	1.75	.44	.141	2	H2
KHSST09003	—	—	KHSST28375	2 - 56	1.75	.44	.141	3	H2
—	—	—	KHSST28379	3 - 48	1.81	.50	.141	3	H2
—	—	—	KHSST08083	4 - 40	1.88	.56	.141	2	H2
KHSST28130	—	KHSST28420	KHSST08088	4 - 40	1.88	.56	.141	3	H2
—	—	—	KHSST28384	4 - 48	1.88	.56	.141	3	H2
—	—	—	KHSST08117	5 - 40	1.94	.63	.141	3	H2
KHSST09009	—	—	KHSST08149	6 - 32	2.00	.69	.141	3	H2
KHSST28135	—	—	KHSST28388	6 - 32	2.00	.69	.141	2	H3
—	—	—	KHSST08152	6 - 32	2.00	.69	.141	3	H3
—	—	—	KHSST08173	6 - 40	2.00	.69	.141	3	H2
—	—	—	KHSST28394	8 - 32	2.13	.75	.168	2	H2
KHSST09011	—	—	KHSST28395	8 - 32	2.13	.75	.168	4	H2
—	—	—	KHSST08197	8 - 32	2.13	.75	.168	2	H3
KHSST28429	—	—	KHSST28399	8 - 32	2.13	.75	.168	3	H3
—	—	KHSST28423	KHSST08193	8 - 32	2.13	.75	.168	4	H3
—	—	—	KHSST28403	8 - 36	2.13	.75	.168	4	H2
—	—	—	KHSST08239	10 - 24	2.38	.88	.194	2	H3
—	—	—	KHSST28406	10 - 24	2.38	.88	.194	3	H3
KHSST09013	—	—	KHSST08235	10 - 24	2.38	.88	.194	4	H3
KHSST28133	—	—	—	10 - 32	2.38	.88	.194	3	H2
—	—	—	KHSST08262	10 - 32	2.38	.88	.194	4	H2
—	—	—	KHSST08273	10 - 32	2.38	.88	.194	2	H3
—	—	—	KHSST28412	10 - 32	2.38	.88	.194	3	H3
KHSST09015	—	KHSST28419	KHSST08269	10 - 32	2.38	.88	.194	4	H3
KHSST28131	—	—	KHSST08295	12 - 24	2.38	.94	.220	4	H3
—	—	—	KHSST28416	12 - 28	2.38	.94	.220	4	H3

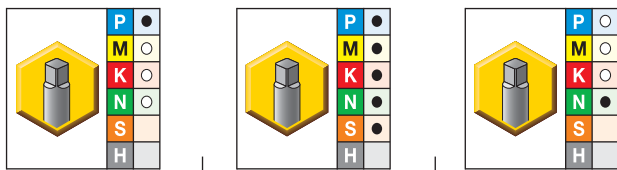
NOTE: Hand taps for 3B class of fit are suitable for UNJ aerospace internal threading applications.
Refer to table on pages M202–M203 for the recommended pitch diameter limit for 2B or 3B class of fit.





■ KHSST Hand • Fractional Sizes • Bottoming Chamfer Tap

Tapping

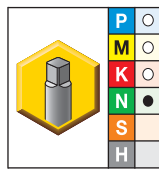
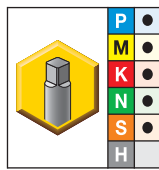
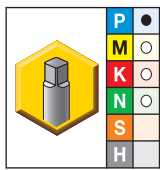


● first choice
○ alternate choice

	TiN	oxide	uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
—	—	—	KHSST08317	1/4 - 20	2.50	1.00	.255	4	H2
KHSST28353	—	—	KHSST28294	1/4 - 20	2.50	1.00	.255	2	H3
—	—	—	KHSST28295	1/4 - 20	2.50	1.00	.255	3	H3
KHSST09019	—	KHSST28342	KHSST08321	1/4 - 20	2.50	1.00	.255	4	H3
—	—	—	KHSST08327	1/4 - 20	2.50	1.00	.255	4	H5
—	—	—	KHSST08356	1/4 - 28	2.50	1.00	.255	3	H3
KHSST09021	—	—	KHSST08354	1/4 - 28	2.50	1.00	.255	4	H3
—	—	—	KHSST08392	5/16 - 18	2.72	1.13	.318	2	H3
—	—	—	KHSST28313	5/16 - 18	2.72	1.13	.318	3	H3
KHSST28119	—	—	KHSST08381	5/16 - 18	2.72	1.13	.318	4	H3
—	—	—	KHSST28317	5/16 - 18	2.72	1.13	.318	4	H5
KHSST09025	—	—	KHSST28319	5/16 - 24	2.72	1.13	.318	4	H3
—	—	—	KHSST28308	3/8 - 16	2.94	1.25	.381	3	H3
KHSST09027	—	KHSST28347	KHSST08435	3/8 - 16	2.94	1.25	.381	4	H3
—	—	—	KHSST28311	3/8 - 16	2.94	1.25	.381	4	H5
KHSST09029	—	—	KHSST08460	3/8 - 24	2.94	1.25	.381	4	H3
—	—	—	KHSST08478	7/16 - 14	3.16	1.44	.323	4	H3
KHSST28122	—	—	KHSST08494	7/16 - 20	3.16	1.44	.323	4	H3
—	—	—	KHSST28290	1/2 - 13	3.38	1.66	.367	3	H3
KHSST09035	—	KHSST28340	KHSST28287	1/2 - 13	3.38	1.66	.367	4	H3
—	—	—	KHSST28289	1/2 - 13	3.38	1.66	.367	4	H5
—	—	—	KHSST08531	1/2 - 20	3.38	1.66	.367	4	H3
—	—	—	KHSST08546	9/16 - 12	3.59	1.66	.429	4	H3
—	—	—	KHSST08554	9/16 - 18	3.59	1.66	.429	4	H3
KHSST09039	—	KHSST28350	KHSST08562	5/8 - 11	3.81	1.81	.480	4	H3
—	—	—	KHSST28235	5/8 - 11	3.81	1.81	.480	4	H5
KHSST09041	—	—	KHSST08575	5/8 - 18	3.81	1.81	.480	4	H3
—	—	—	KHSST28102	11/16 - 16	4.03	1.06	.542	4	H3
KHSST09043	—	KHSST28344	KHSST08596	3/4 - 10	4.25	2.00	.590	4	H3
—	—	—	KHSST28301	3/4 - 10	4.25	2.00	.590	4	H5
KHSST28117	—	—	KHSST08609	3/4 - 16	4.25	2.00	.590	4	H3
—	—	—	KHSST28304	3/4 - 16	4.25	2.00	.590	4	H5

(continued)

(KHSST Hand • Fractional Sizes • Bottoming Chamfer Tap — continued)

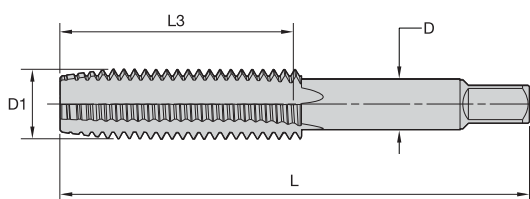


- first choice
- alternate choice

			D1 size	L	L3	D	number of flutes	pitch diameter limit
TiN	oxide	uncoated						
KHSST09047	—	KHSST08617	7/8 - 9	4.69	2.22	.697	4	H4
KHSST28124	—	KHSST28329	7/8 - 14	4.69	2.22	.697	4	H4
KHSST28114	KHSST28338	KHSST08631	1 - 8	5.13	2.50	.800	4	H4
—	—	KHSST28278	1 - 12	5.13	2.50	.800	4	H4
—	—	KHSST28282	1 - 14	5.13	2.50	.800	4	H4
—	—	KHSST28032	1 1/8 - 7	5.44	2.56	.896	4	H4
—	—	KHSST28028	1 1/8 - 12	5.44	2.56	.896	4	H4
—	—	KHSST28020	1 1/4 - 7	5.75	2.56	1.021	4	H4
—	—	KHSST28015	1 1/4 - 12	5.75	2.56	1.021	6	H4
—	—	KHSST28008	1 1/2 - 6	6.38	3.00	1.233	4	H4
—	—	KHSST28003	1 1/2 - 12	6.38	3.00	1.233	6	H4

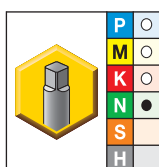
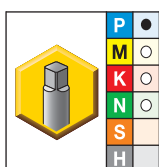
NOTE: Hand taps for 3B class of fit are suitable for UNJ aerospace internal threading applications.
Refer to table on pages M202–M203 for the recommended pitch diameter limit for 2B or 3B class of fit.





■ KHSST Hand • Plug Chamfer Tap • Metric ANSI

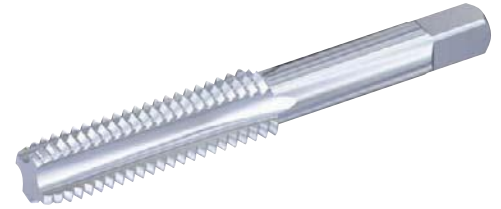
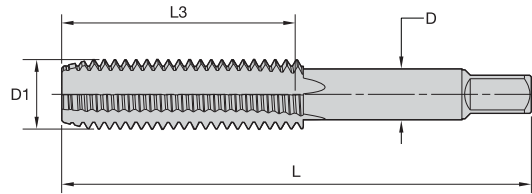
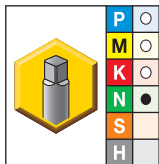
Tapping



● first choice
○ alternate choice

		D1 size	L	L3	D	number of flutes	pitch diameter limit
TiN	uncoated						
—	KHSST28682 *	M1,6 X 0,35	1.63	.31	.141	2	D3
—	KHSST27709	M2 X 0,4	1.75	.44	.141	3	D3
—	KHSST27721	M3 X 0,5	1.94	.63	.141	3	D3
—	KHSST27729	M4 X 0,7	2.13	.75	.168	4	D4
—	KHSST27737	M5 X 0,8	2.38	.88	.194	4	D4
KHSST09054	KHSST27741	M6 X 1	2.50	1.00	.255	4	D5
—	KHSST27749	M8 X 1,25	2.72	1.13	.318	4	D5
—	KHSST27757	M10 X 1,5	2.94	1.25	.381	4	D6
—	KHSST27765	M12 X 1,75	3.38	1.66	.367	4	D6
—	KHSST27773	M14 X 2	3.59	1.66	.429	4	D7
—	KHSST27781	M16 X 2	3.81	1.81	.480	4	D7
—	KHSST27793	M18 X 2,5	4.03	1.06	.542	4	D7
—	KHSST27800	M20 X 1,5	4.47	2.00	.652	4	D6
—	KHSST27796	M20 X 2,5	4.47	2.00	.652	4	D7
—	KHSST27809	M24 X 3	4.91	2.22	.760	4	D8
—	KHSST28695	M30 X 3,5	5.44	2.56	1.021	4	D9
—	KHSST28698	M36 X 4	6.06	3.00	1.233	4	D9

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.
 Metric taps for 6H class of fit are suitable for MJ aerospace internal threading applications.
 Metric taps are manufactured to USCTI specifications and dimensions.
 Metric tap blank dimensions are equivalent to inch taps.
 Refer to table on page M203 for the recommended pitch diameter limit for 6H class of fit.

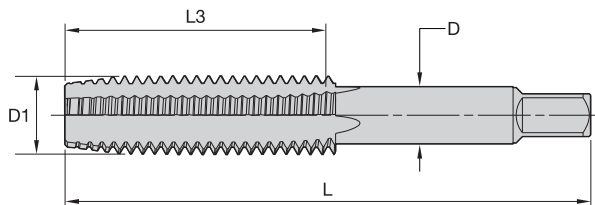

KHSST Hand • Bottoming Chamfer Tap • Metric ANSI


- first choice
- alternate choice

uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
KHSST27710	M2 X 0,4	1.75	.44	.141	3	D3
KHSST27722	M3 X 0,5	1.94	.63	.141	3	D3
KHSST27730	M4 X 0,7	2.13	.75	.168	4	D4
KHSST27738	M5 X 0,8	2.38	.88	.194	4	D4
KHSST27742	M6 X 1	2.50	1.00	.255	4	D5
KHSST27750	M8 X 1,25	2.72	1.13	.318	4	D5
KHSST27758	M10 X 1,5	2.94	1.25	.381	4	D6
KHSST27766	M12 X 1,75	3.38	1.66	.367	4	D6
KHSST28455	M14 X 2	3.59	1.66	.429	4	D7
KHSST28458	M16 X 2	3.81	1.81	.480	4	D7
KHSST28462	M20 X 2,5	4.47	2.00	.652	4	D7
KHSST28465	M24 X 3	4.91	2.22	.760	4	D8

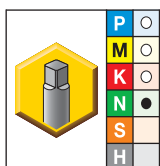
NOTE: Metric taps for 6H class of fit are suitable for MJ aerospace internal threading applications.
 Metric taps are manufactured to USCTI specifications and dimensions.
 Metric tap blank dimensions are equivalent to inch taps.
 Refer to table on page M203 for the recommended pitch diameter limit for 6H class of fit.





KHSST Left Hand • Fractional Sizes • Plug Chamfer Taps

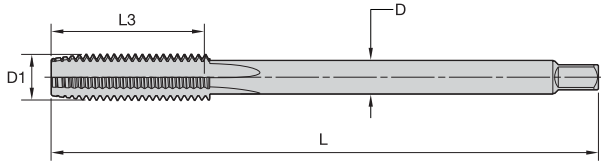
Tapping



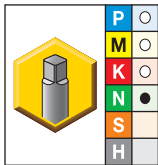
- first choice
- alternate choice

uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
KHSST28086	1/4 - 28	2.50	1.00	.255	4	H3
KHSST28207	3/8 - 24	2.94	1.25	.381	4	H3
KHSST28675	7/16 - 20	3.16	1.44	.323	4	H3
KHSST28053	1/2 - 13	3.38	1.66	.367	4	H3
KHSST28064	1/2 - 20	3.38	1.66	.367	4	H3
KHSST28233	5/8 - 11	3.81	1.81	.480	4	H3
KHSST28239	5/8 - 18	3.81	1.81	.480	4	H3
KHSST28167	3/4 - 10	4.25	2.00	.590	4	H3
KHSST28184	3/4 - 16	4.25	2.00	.590	4	H3

NOTE: Refer to table on pages M202–M203 for the recommended pitch diameter limit for 2B or 3B class of fit.



■ KHSST Extended-Length Hand Taps • Machine Screw and Fractional • Plug Chamfer Tap



- first choice
- alternate choice

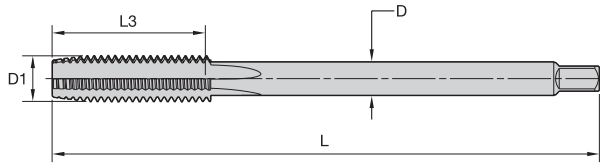
uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
KHSST28781	6 - 32	6.00	.69	.141	3	H3
KHSST28791	8 - 32	6.00	.75	.168	4	H3
KHSST28742	10 - 24	6.00	.88	.194	4	H3
KHSST28752	10 - 32	6.00	.88	.194	4	H3
KHSST28078	1/4 - 20	6.00	1.00	.255	4	H3
KHSST28085	1/4 - 28	6.00	1.00	.255	4	H3
KHSST28218	5/16 - 18	6.00	.67	.318	4	H3
KHSST28195	3/8 - 16	6.00	1.25	.381	4	H3

NOTE: Refer to table on pages M202–M203 for the recommended pitch diameter limit for 2B or 3B class of fit.



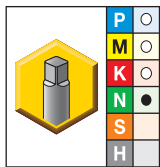
General-Purpose Taps

6" Extension Hand Taps • Long-Reach Applications



KHSST Extended-Length Hand Taps • Machine Screw and Fractional • Bottoming Chamfer Tap

Tapping



- first choice
- alternate choice

uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
KHSST28751 *	10 - 32	6.00	.88	.194	4	H3
KHSST28077	1/4 - 20	6.00	1.00	.255	4	H3
KHSST28217	5/16 - 18	6.00	.67	.318	4	H3
KHSST28226	5/16 - 24	6.00	.59	.318	4	H3
KHSST28194	3/8 - 16	6.00	1.25	.381	4	H3

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies. Refer to table on pages M202–M203 for the recommended pitch diameter limit for 2B or 3B class of fit.