



# MASTER CATALOG 2018

VOLUME TWO | **ROTATING TOOLS**



HOLEMAKING | TAPPING | SOLID END MILLING | INDEXABLE MILLING

## ➤ Spiral-Point and Left-Hand Spiral-Flute Taps



### High-Performance Taps for Through-Hole Applications

- Steel and steel alloys.
- Stainless steel.
- Cast iron.
- Nickel- and cobalt-based alloys.
- Titanium and titanium alloys.
- Aluminum.
- Hard steel.

## High-Performance Beyond™ Solid Carbide Taps

- Left-hand spiral flute for optimal chip evacuation ahead of the tap.
- 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

- Left-hand spiral flute for optimal chip evacuation ahead of the tap.
- 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.

## Multipurpose HSS-E GOtap™ Taps

- Optimized spiral-point geometry for efficient chip evacuation in through-hole applications.
- Manufactured with high vanadium HSS-E material for exceptional wear characteristics and longer tool life.
- Advanced PVD coatings to reduce tapping torque, resulting in high-quality thread finish and longer tool life.
- For use in both synchronous and non-synchronous machines, including rigid, synchronous, and tension/compression tap holders.

## General-Purpose Taps

- High-quality spiral-point HSS taps for reliable, consistent performance.
- Wide range of sizes and pitch limits offered with PVD coatings and surface treatments.

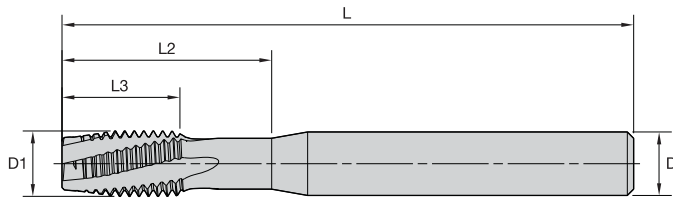


# High-Performance Taps

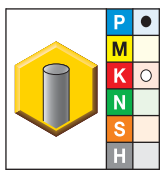
Beyond™ Solid Carbide Left-Hand Spiral-Flute, Right-Hand Cut Taps • Through Holes



- KC7542 TiAlN + TiN for steel.



## ■ T320 • Form D Plug Chamfer • Inch • Solid Carbide • For Steel



- first choice
- alternate choice

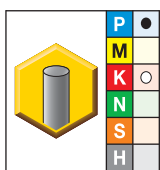
KC7542	inch dimensions					number of flutes	class of fit
	D1 size	L	L3	L2	D		
T320NC03750-16R3BX	3/8 - 16	3.54	.75	1.30	.375	4	3BX
T320NC04375-14R3BX	7/16 - 14	3.94	.87	1.42	.438	4	3BX
T320NC05000-13R3BX	1/2 - 13	3.94	.94	1.58	.500	4	3BX

### Shank Tolerance

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



## ■ T320 • Form D Plug Chamfer • Metric • Solid Carbide • For Steel



- first choice
- alternate choice

KC7542	metric dimensions					number of flutes	class of fit
	D1 size	L	L3	L2	D		
T320M060X100R6HX	M6 X 1	70	12	23	6,0	3	6HX
T320M080X125R6HX	M8 X 1,25	80	15	28	8,0	3	6HX
T320M100X150R6HX	M10 X 1,5	90	18	33	10,0	4	6HX
T320M120X175R6HX	M12 X 1,75	100	21	40	12,0	4	6HX
T320MF140X150R6HX *	M14 X 1,5	110	24	47	12,0	4	6HX
T320M160X200R6HX	M16 X 2	110	24	53	14,0	4	6HX

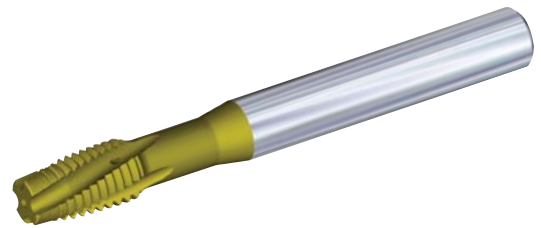
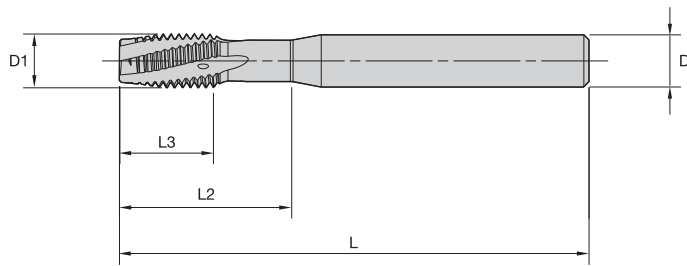
NOTE: Proprietary technology.

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

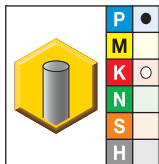
### Shank Tolerance

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

- KC7542 TiAlN + TiN for steel.



■ T321 • Form D Plug Chamfer • Through Coolant • Metric • Solid Carbide • For Steel



- first choice
- alternate choice

KC7542	D1 size	L	metric dimensions			number of flutes	class of fit
			L3	L2	D		
T321M100X150R6HX	M10 X 1,5	90	18	33	10,0	4	6HX
T321MF120X150R6HX	M12 X 1,5	100	21	40	12,0	4	6HX
T321M120X175R6HX	M12 X 1,75	100	21	40	12,0	4	6HX
T321MF140X150R6HX	M14 X 1,5	110	24	47	12,0	4	6HX
T321M140X200R6HX	M14 X 2	110	24	47	12,0	4	6HX
T321M160X200R6HX *	M16 X 2	110	24	53	14,0	4	6HX

NOTE: Proprietary technology.

\*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

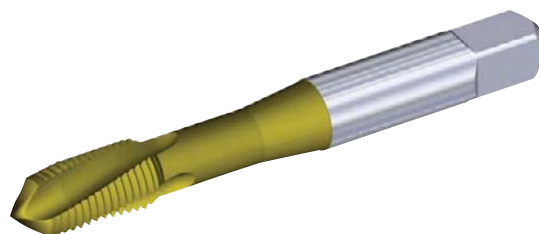
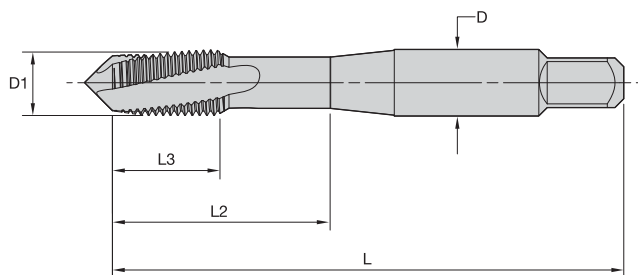


# High-Performance Taps

Beyond™ Left-Hand Spiral-Flute, Right-Hand Cut HSS-E-PM Taps • Through Holes

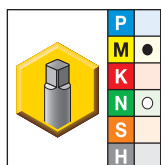
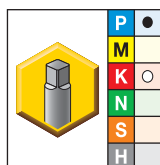


- KM6515 TiN + CrC/C for tapping stainless steel.
- KP6525 TiCN + TiN for tapping steel.



## T620 • Machine Screw and Fractional • Form D Plug Chamfer • ANSI • For Steel and Stainless Steel

Tapping

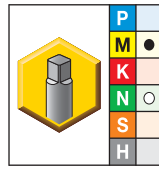
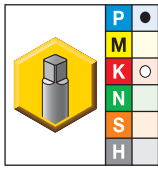


- first choice
- alternate choice

		inch dimensions					number of flutes	class of fit
KP6525	KM6515	D1 size	L	L3	L2	D		
T620NC#02-56R3BX-A *	T620NC#02-56R3BX-A	2 - 56	1.75	.44	.49	.141	2	3BX
T620NC#02-56R2BX-A *	T620NC#02-56R2BX-A *	2 - 56	1.75	.44	.49	.141	2	2BX
T620NC#04-40R3BX-A	T620NC#04-40R3BX-A *	4 - 40	1.88	.56	.68	.141	2	3BX
T620NC#04-40R2BX-A *	T620NC#04-40R2BX-A	4 - 40	1.88	.56	.68	.141	2	2BX
T620NC#05-40R3BX-A *	T620NC#05-40R3BX-A	5 - 40	1.94	.63	.75	.141	2	3BX
T620NC#06-32R3BX-A	T620NC#06-32R3BX-A	6 - 32	2.00	.36	.71	.141	2	3BX
T620NC#06-32R2BX-A	T620NC#06-32R2BX-A	6 - 32	2.00	.36	.71	.141	2	2BX
T620NC#08-32R3BX-A	T620NC#08-32R3BX-A *	8 - 32	2.13	.31	.76	.168	2	3BX
T620NC#08-32R2BX-A	T620NC#08-32R2BX-A	8 - 32	2.13	.31	.76	.168	2	2BX
T620NF#08-36R3BX-A	T620NF#08-36R3BX-A	8 - 36	2.13	.31	.76	.168	2	3BX
T620NC#10-24R3BX-A	T620NC#10-24R3BX-A	10 - 24	2.38	.47	.91	.194	3	3BX
T620NF#10-32R3BX-A	T620NF#10-32R3BX-A	10 - 32	2.36	.47	.91	.194	3	3BX
T620NF#10-32R2BX-A	T620NF#10-32R2BX-A	10 - 32	2.36	.47	.91	.194	3	2BX
T620NC#12-24R3BX-A *	T620NC#12-24R3BX-A *	12 - 24	2.37	.42	.96	.220	3	3BX
T620NC02500-20R3BX-A	T620NC02500-20R3BX-A	1/4 - 20	1.88	.44	1.01	.255	3	3BX
T620NC02500-20R2BX-A	T620NC02500-20R2BX-A	1/4 - 20	1.75	.44	1.01	.255	3	2BX
T620NF02500-28R3BX-A	T620NF02500-28R3BX-A	1/4 - 28	2.50	.44	1.00	.255	3	3BX
T620NF02500-28R2BX-A	T620NF02500-28R2BX-A	1/4 - 28	2.50	.44	1.00	.255	3	2BX
T620NC03125-18R3BX-A	T620NC03125-18R3BX-A	5/16 - 18	2.12	.49	1.13	.318	3	3BX
T620NC03125-18R2BX-A	T620NC03125-18R2BX-A	5/16 - 18	2.12	.49	1.01	.318	3	2BX
T620NF03125-24R3BX-A	T620NF03125-24R3BX-A	5/16 - 24	2.72	.49	1.13	.318	3	3BX
T620NC03750-16R3BX-A	T620NC03750-16R3BX-A	3/8 - 16	2.94	.60	1.27	.381	3	3BX
T620NC03750-16R2BX-A	T620NC03750-16R2BX-A	3/8 - 16	2.94	.60	1.27	.381	3	2BX
T620NF03750-24R3BX-A	T620NF03750-24R3BX-A *	3/8 - 24	2.94	.60	1.27	.381	3	3BX

(continued)

(T620 • Machine Screw and Fractional • Form D Plug Chamfer • ANSI • For Steel and Stainless Steel — continued)



● first choice  
○ alternate choice

		inch dimensions					number of flutes	class of fit
KP6525	KM6515	D1 size	L	L3	L2	D		
T620NC04375-14R3BX-A *	T620NC04375-14R3BX-A	7/16 - 14	3.16	.71	1.49	.323	3	3BX
T620NF04375-20R3BX-A	T620NF04375-20R3BX-A	7/16 - 20	3.16	.71	1.49	.323	3	3BX
T620NC05000-13R3BX-A	T620NC05000-13R3BX-A	1/2 - 13	3.38	.77	1.74	.367	3	3BX
T620NF05000-20R3BX-A	T620NF05000-20R3BX-A	1/2 - 20	3.38	.77	1.74	.367	3	3BX
T620NC06250-11R3BX-A	T620NC06250-11R3BX-A	5/8 - 11	3.81	.91	1.89	.480	4	3BX
T620NC07500-10R3BX-A	T620NC07500-10R3BX-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.

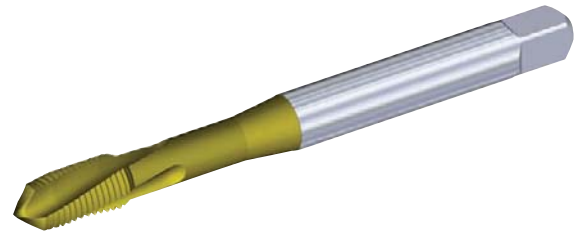
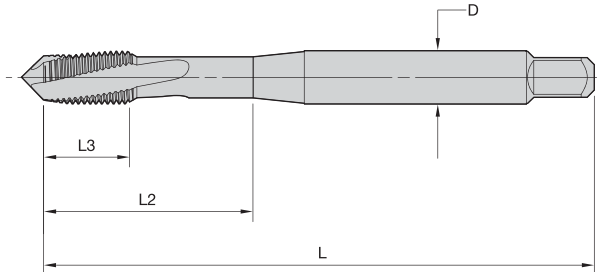
**Shank Tolerance**

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



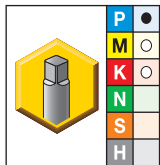
Tapping

- KP6525 TiCN + TiN for steel.



## T620 • DIN 371 and 376 • Form D Plug Chamfer • Machine Screw and Fractional • For Steel and Stainless Steel

Tapping



- first choice
- alternate choice

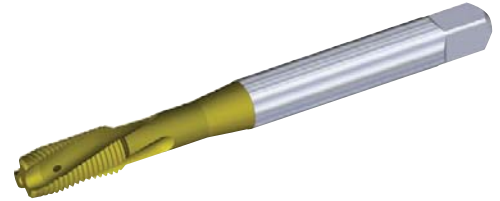
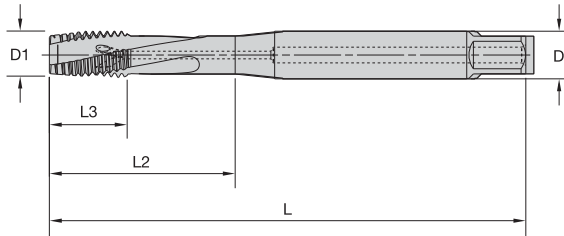
KP6525	D1 size	L	metric dimensions			number of flutes	dimension standard	class of fit
			L3	L2	D			
T620NC#06-32R2BX-D1	6 - 32	56	9	20	4,0	2	DIN 371	2BX
T620NF#06-40R2BX-D1	6 - 40	56	9	20	4,0	2	DIN 371	2BX
T620NC#08-32R2BX-D1	8 - 32	63	10	21	4,5	2	DIN 371	2BX
T620NC#10-24R2BX-D1	10 - 24	70	10	25	6,0	3	DIN 371	2BX
T620NF#10-32R2BX-D1	10 - 32	70	10	25	6,0	3	DIN 371	2BX
T620NC02500-20R3BX-D1	1/4 - 20	80	13	30	7,0	3	DIN 371	3BX
T620NF02500-28R3BX-D1	1/4 - 28	80	13	30	7,0	3	DIN 371	3BX
T620NC03125-18R3BX-D1	5/16 - 18	90	13	35	8,0	3	DIN 371	3BX
T620NF03125-24R3BX-D1	5/16 - 24	90	13	35	8,0	3	DIN 371	3BX
T620NC04375-14R3BX-D6	7/16 - 14	100	15	41	8,0	3	DIN 376	3BX
T620NF04375-20R3BX-D6	7/16 - 20	100	15	41	8,0	3	DIN 376	3BX
T620NC03750-16R3BX-D1	3/8 - 16	100	16	39	10,0	3	DIN 371	3BX
T620NF03750-24R3BX-D1	3/8 - 24	100	16	39	10,0	3	DIN 371	3BX
T620NC05000-13R3BX-D6	1/2 - 13	110	20	47	9,0	3	DIN 376	3BX
T620NF05000-20R3BX-D6	1/2 - 20	110	20	47	9,0	3	DIN 376	3BX

### Shank Tolerance

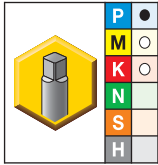
D fractional	tolerance h6
>3-6	+0, -0,008
>6-10	+0, -0,009
<10-18	+0, -0,011



- KP6525 TiCN + TiN for steel.



■ T621 • DIN 371 and 376 • Form D Plug Chamfer • Through Coolant • Fractional • For Steel and Stainless Steel



- first choice
- alternate choice

KP6525	D1 size	metric dimensions				D	number of flutes	dimension standard	class of fit
		L	L3	L2					
T621NC02500-20R3BX-D1	1/4 - 20	80	13	30	7,0	3	DIN 371	3BX	
T621NF02500-28R3BX-D1	1/4 - 28	80	13	30	7,0	3	DIN 371	3BX	
T621NC03125-18R3BX-D1	5/16 - 18	90	13	35	8,0	3	DIN 371	3BX	
T621NF03125-24R3BX-D1	5/16 - 24	90	13	35	8,0	3	DIN 371	3BX	
T621NC03750-16R3BX-D1	3/8 - 16	100	16	39	10,0	3	DIN 371	3BX	
T621NF03750-24R3BX-D1	3/8 - 24	100	16	39	10,0	3	DIN 371	3BX	
T621NC04375-14R3BX-D6	7/16 - 14	100	15	41	8,0	3	DIN 376	3BX	
T621NF04375-20R3BX-D6	7/16 - 20	100	15	41	8,0	3	DIN 376	3BX	
T621NC05000-13R3BX-D6	1/2 - 13	110	20	47	9,0	3	DIN 376	3BX	
T621NF05000-20R3BX-D6	1/2 - 20	110	20	47	9,0	3	DIN 376	3BX	

Shank Tolerance

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

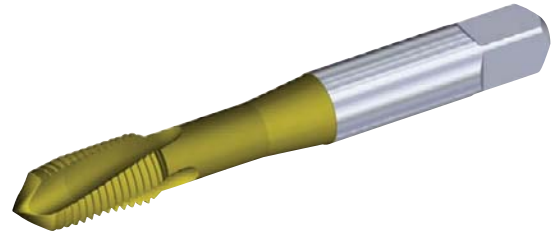
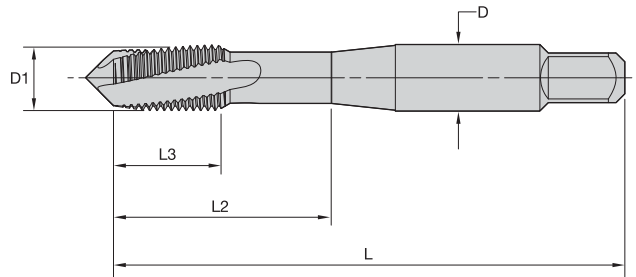


# High-Performance Taps

Beyond™ Left-Hand Spiral-Flute, Right-Hand Cut HSS-E-PM Taps • Through Holes

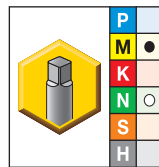
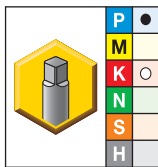


- KM6515 TiN + CrC/C for tapping stainless steel.
- KP6525 TiCN + TiN for tapping steel.



## T620 • Form D Plug Chamfer • Metric ANSI • For Steel and Stainless Steel

Tapping



- first choice
- alternate choice

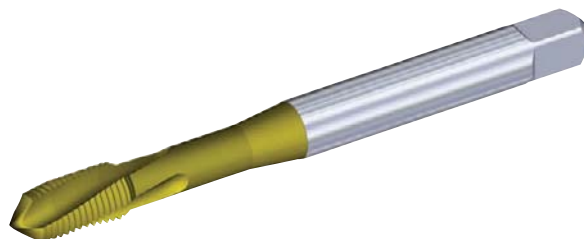
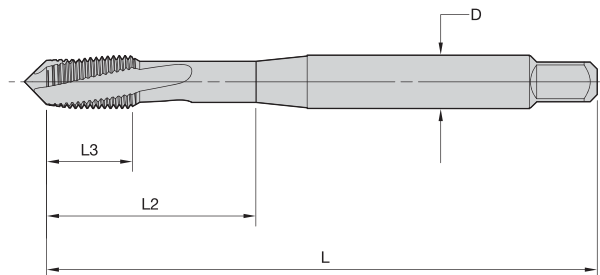
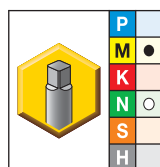
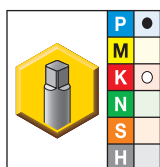
		inch dimensions					number of flutes	class of fit
KP6525	KM6515	D1 size	L	L3	L2	D		
T620M030X050R6HX-A *	T620M030X050R6HX-A	M3 X 0,5	1.94	.63	.75	.141	2	6HX
T620M040X070R6HX-A	T620M040X070R6HX-A	M4 X 0,7	2.12	.32	.76	.168	2	6HX
T620M050X080R6HX-A	T620M050X080R6HX-A	M5 X 0,8	2.37	.47	.91	.194	2	6HX
T620M060X100R6HX-A	T620M060X100R6HX-A	M6 X 1	2.50	.46	1.01	.255	3	6HX
T620M080X100R6HX-A *	T620MF080X100R6HX-A *	M8 X 1	2.72	.48	1.12	.318	3	6HX
T620M080X125R6HX-A	T620M080X125R6HX-A	M8 X 1,25	2.71	.48	1.13	.318	3	6HX
T620M100X150R6HX-A	T620M100X150R6HX-A	M10 X 1,5	2.92	.53	1.26	.381	3	6HX
T620M120X175R6HX-A	T620M120X175R6HX-A	M12 X 1,75	3.38	.77	1.74	.367	3	6HX

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

### Shank Tolerance

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

- KM6515 TiN + CrC/C for tapping stainless steel.
- KP6525 TiCN + TiN for tapping steel.


**T620 • DIN 371, 374, and 376 • Form D Plug Chamfer • Metric • for Steel and Stainless Steel**


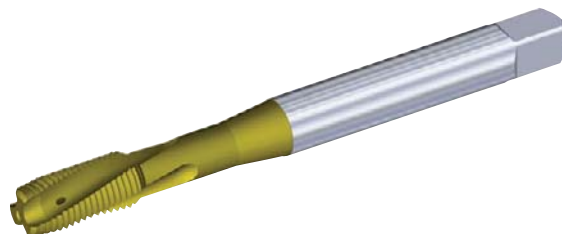
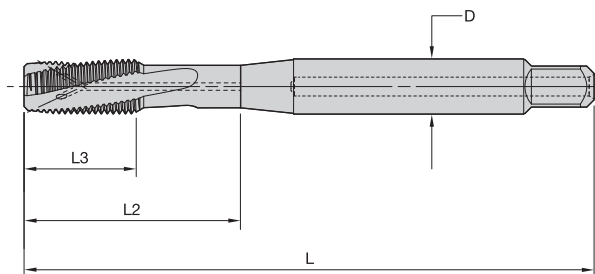
- first choice
- alternate choice

		metric dimensions					number of flutes	dimension standard	class of fit
KP6525	KM6515	D1 size	L	L3	L2	D			
T620M030X050R6HX-D1	T620M030X050R6HX-D1	M3 X 0,5	56	8	18	3,5	2	DIN 371	6HX
T620M040X070R6HX-D1	T620M040X070R6HX-D1	M4 X 0,7	63	10	21	4,5	2	DIN 371	6HX
T620M050X080R6HX-D1	T620M050X080R6HX-D1	M5 X 0,8	70	10	25	6,0	2	DIN 371	6HX
T620M060X100R6HX-D1	T620M060X100R6HX-D1	M6 X 1	80	10	30	6,0	3	DIN 371	6HX
T620MF080X100R6HX-D4	T620MF080X100R6HX-D4	M8 X 1	90	13	35	6,0	3	DIN 374	6HX
T620M080X125R6HX-D1	T620M080X125R6HX-D1	M8 X 1,25	90	13	35	8,0	3	DIN 371	6HX
T620MF100X100R6HX-D4	T620MF100X100R6HX-D4	M10 X 1	90	10	35	7,0	3	DIN 374	6HX
T620MF100X125R6HX-D4	—	M10 X 1,25	100	15	39	7,0	3	DIN 374	6HX
T620M100X150R6HX-D1	T620M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	3	DIN 371	6HX
T620MF120X150R6HX-D4	T620MF120X150R6HX-D4	M12 X 1,5	100	15	39	9,0	3	DIN 374	6HX
T620M120X175R6HX-D6	T620M120X175R6HX-D6	M12 X 1,75	110	18	44	9,0	3	DIN 376	6HX
T620MF140X150R6HX-D4	T620MF140X150R6HX-D4	M14 X 1,5	100	15	47	11,0	4	DIN 374	6HX
T620M140X200R6HX-D6	T620M140X200R6HX-D6	M14 X 2	110	20	52	11,0	4	DIN 376	6HX
T620MF160X150R6HX-D4	T620MF160X150R6HX-D4	M16 X 1,5	100	15	46	12,0	4	DIN 374	6HX
T620M160X200R6HX-D6	T620M160X200R6HX-D6	M16 X 2	110	20	51	12,0	4	DIN 376	6HX
T620MF180X150R6HX-D4	T620MF180X150R6HX-D4	M18 X 1,5	110	15	50	14,0	4	DIN 374	6HX
T620M200X250R6HX-D6	T620M200X250R6HX-D6	M20 X 2,5	140	25	64	16,0	4	DIN 376	6HX

**Shank Tolerance**

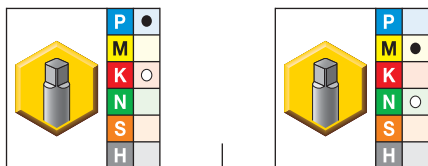
D	tolerance h6
12-18	+0, -0,011
20-30	+0, -0,013
32-36	+0, -0,016

- KM6515 TiN + CrC/C for stainless steel.
- KP6525 TiCN + TiN for steel.



Tapping

## T621 • DIN 371, 374, and 376 • Form D Plug Chamfer • Through Coolant • Metric • For Steel and Stainless Steel



- first choice
- alternate choice

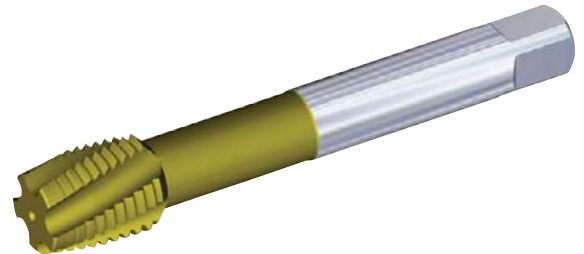
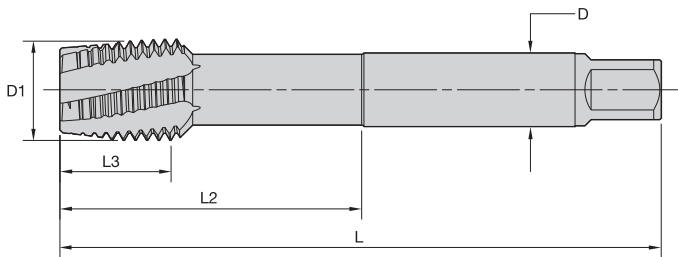
		metric dimensions						number of flutes	dimension standard	class of fit
KP6525	KM6515	D1 size	L	L3	L2	D				
T621M050X080R6HX-D1	T621M050X080R6HX-D1	M5 X 0,8	70	10	25	6,0	2	DIN 371	6HX	
T621M060X100R6HX-D1	T621M060X100R6HX-D1	M6 X 1	80	10	30	6,0	3	DIN 371	6HX	
T621MF080X100R6HX-D4 *	T621MF080X100R6HX-D4 *	M8 X 1	90	13	35	6,0	3	DIN 374	6HX	
T621M080X125R6HX-D1	T621M080X125R6HX-D1	M8 X 1,25	90	13	35	8,0	3	DIN 371	6HX	
T621MF100X100R6HX-D4	T621MF100X100R6HX-D4	M10 X 1	90	10	35	7,0	3	DIN 374	6HX	
T621MF100X125R6HX-D4	T621MF100X125R6HX-D4	M10 X 1,25	100	15	39	7,0	3	DIN 374	6HX	
T621M100X150R6HX-D1	T621M100X150R6HX-D1	M10 X 1,5	100	15	39	10,0	3	DIN 371	6HX	
T621MF120X125R6HX-D4	—	M12 X 1,25	100	15	39	9,0	3	DIN 374	6HX	
T621MF120X150R6HX-D4	T621MF120X150R6HX-D4	M12 X 1,5	100	15	39	9,0	3	DIN 374	6HX	
T621M120X175R6HX-D6	T621M120X175R6HX-D6	M12 X 1,75	110	18	44	9,0	3	DIN 376	6HX	
T621MF140X125R6HX-D4	—	M14 X 1,25	100	15	47	11,0	4	DIN 374	6HX	
T621MF140X150R6HX-D4	T621MF140X150R6HX-D4	M14 X 1,5	100	15	47	11,0	4	DIN 374	6HX	
T621M140X200R6HX-D6	T621M140X200R6HX-D6	M14 X 2	110	20	52	11,0	4	DIN 376	6HX	
T621MF160X150R6HX-D4	T621MF160X150R6HX-D4	M16 X 1,5	100	15	46	12,0	4	DIN 374	6HX	
T621M160X200R6HX-D6	T621M160X200R6HX-D6	M16 X 2	110	20	51	12,0	4	DIN 376	6HX	
T621MF180X150R6HX-D4	T621MF180X150R6HX-D4	M18 X 1,5	110	15	50	14,0	4	DIN 374	6HX	
T621M180X250R6HX-D6	T621M180X250R6HX-D6	M18 X 2,5	125	25	58	14,0	4	DIN 376	6HX	

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

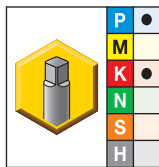
### Shank Tolerance

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

- KP6525 TiCN + TiN for tapping steel and cast iron.



■ T620 • DIN 376 • Form D Plug Chamfer • Large Sizes • Metric • For Steel and Cast Iron



- first choice
- alternate choice

KP6525	D1 size	L	metric dimensions			number of flutes	dimension standard	class of fit
			L3	L2	D			
T620M240X300R6HX-D6	M24 X 3	160	30	77	18,0	5	DIN 376	6HX
T620M300X350R6HX-D6	M30 X 3,5	180	35	91	22,0	5	DIN 376	6HX
T620M330X350R6HX-D6	M33 X 3,5	180	35	100	25,0	5	DIN 376	6HX
T620M360X400R6HX-D6	M36 X 4	200	40	110	28,0	6	DIN 376	6HX
T620M420X450R6HX-D6	M42 X 4,5	200	45	120	32,0	6	DIN 376	6HX

Shank Tolerance

D	tolerance h6
12-18	+0, -0,011
20-30	+0, -0,013
32-36	+0, -0,016

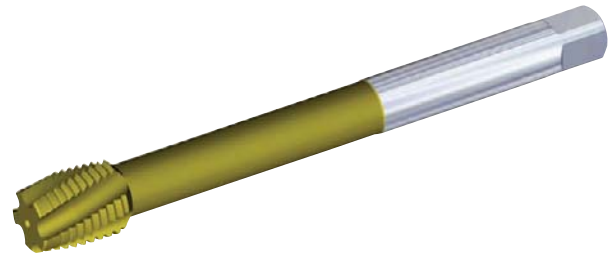
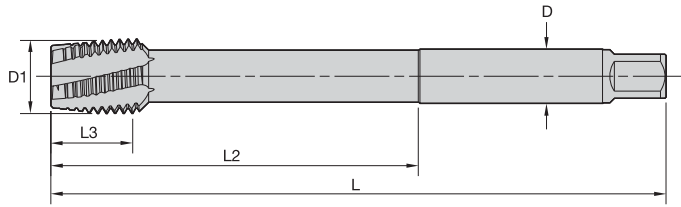


# High-Performance Taps

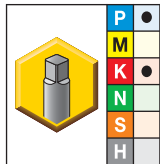
Beyond™ Left-Hand Spiral-Flute, Right-Hand Cut HSS-E-PM Taps • Through Holes



- KP6525 TiCN + TiN for tapping steel and cast iron.



## ■ T620 • Extra Long • Form D Plug Chamfer • Larger Sizes • Metric • For Steel and Cast Iron



- first choice
- alternate choice

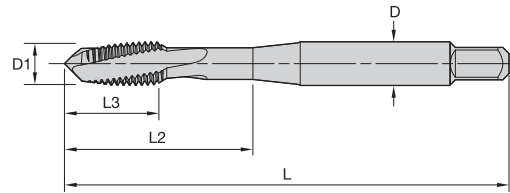
KP6525	D1 size	metric dimensions				D	number of flutes	class of fit
		L	L3	L2				
T620M240X300R6H-XL	M24 X 3	200	30	120	18,0	5	6HX	
T620M300X350R6H-XL	M30 X 3,5	250	35	150	22,0	5	6HX	
T620M330X350R6H-XL	M33 X 3,5	250	35	150	25,0	5	6HX	
T620M360X400R6H-XL	M36 X 4	250	40	150	28,0	6	6HX	
T620M420X450R6H-XL	M42 X 4,5	300	45	180	32,0	6	6HX	

### Shank Tolerance

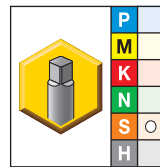
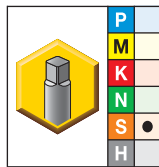
D	tolerance h6
12-18	+0, -0,011
20-30	+0, -0,013
32-36	+0, -0,016

Tapping

- KSS29 oxide/nitride for nickel- and cobalt-based alloys.
- KSP27 AlCrTiN for nickel- and cobalt-based alloys.



## ■ T690 • Machine Screw and Fractional • Form D Plug Chamfer • For Nickel- and Cobalt-Based Alloys



- first choice
- alternate choice

		inch dimensions					number of flutes	pitch diameter limit
KSP27	KSS29	D1 size	L	L3	L2	D		
T690NC#02-56RH2-A *	T690NC#02-56RH2-A	2 - 56	1.75	.44	.50	.141	2	H2
T690NC#04-40RH2-A	T690NC#04-40RH2-A	4 - 40	1.88	.56	.69	.141	2	H2
T690NC#04-40RH3-A	T690NC#04-40RH3-A	4 - 40	1.88	.56	.69	.141	2	H3
—	T690NC#04-40RH4-A	4 - 40	1.88	.56	.69	.141	2	H4
T690NF#04-48RH2-A	T690NF#04-48RH2-A	4 - 48	1.88	.56	.69	.141	2	H2
T690NC#05-40RH2-A	T690NC#05-40RH2-A	5 - 40	1.94	.63	.75	.141	3	H2
—	T690NF#06-40RH2-A	6 - 40	2.00	.36	.72	.141	3	H2
T690NC#06-32RH3-A	T690NC#06-32RH3-A	6 - 32	2.00	.36	.72	.141	3	H3
T690NC#06-32RH5-A	T690NC#06-32RH5-A *	6 - 32	2.00	.36	.72	.141	3	H5
T690NC#08-32RH3-A	T690NC#08-32RH3-A	8 - 32	2.13	.31	.77	.168	3	H3
T690NC#08-32RH4-A	T690NC#08-32RH4-A	8 - 32	2.13	.31	.77	.168	3	H4
—	T690NC#08-32RH5-A	8 - 32	2.13	.31	.77	.168	3	H5
—	T690NC#08-32RH6-A	8 - 32	2.13	.31	.77	.168	3	H6
T690NC#10-24RH3-A	T690NC#10-24RH3-A	10 - 24	2.38	.47	.92	.194	3	H3
—	T690NC#10-24RH5-A	10 - 24	2.38	.47	.92	.194	3	H5
T690NF#10-32RH2-A *	T690NF#10-32RH2-A	10 - 32	2.38	.47	.92	.194	3	H2
T690NF#10-32RH3-A	T690NF#10-32RH3-A	10 - 32	2.38	.47	.92	.194	3	H3
T690NF#10-32RH4-A *	T690NF#10-32RH4-A	10 - 32	2.38	.47	.92	.194	3	H4
T690NF#10-32RH5-A *	T690NF#10-32RH5-A	10 - 32	2.38	.47	.92	.194	3	H5
T690NF#10-32RH6-A *	T690NF#10-32RH6-A *	10 - 32	2.38	.47	.92	.194	3	H6
T690NC02500-20RH3-A	T690NC02500-20RH3-A	1/4 - 20	2.51	.44	1.02	.255	3	H3
T690NC02500-20RH5-A *	T690NC02500-20RH5-A	1/4 - 20	2.51	.44	1.02	.255	3	H5
T690NF02500-28RH3-A	T690NF02500-28RH3-A	1/4 - 28	2.51	.44	1.02	.255	3	H3
T690NF02500-28RH4-A	T690NF02500-28RH4-A	1/4 - 28	2.51	.44	1.02	.255	3	H4
T690NF02500-28RH5-A	T690NF02500-28RH5-A	1/4 - 28	2.49	.44	1.02	.255	3	H5
T690NF02500-28RH6-A	T690NF02500-28RH6-A	1/4 - 28	2.51	.44	1.02	.255	3	H6
—	T690NF02500-28RH7-A	1/4 - 28	2.51	.44	1.02	.255	3	H7
T690NC03125-18RH3-A	T690NC03125-18RH3-A	5/16 - 18	2.73	.49	1.15	.318	3	H3
T690NC03125-18RH5-A *	T690NC03125-18RH5-A	5/16 - 18	2.73	.49	1.15	.318	3	H5
—	T690NC03125-18RH7-A	5/16 - 18	2.73	.49	1.15	.318	3	H7
T690NF03125-24RH3-A	T690NF03125-24RH3-A	5/16 - 24	2.73	.49	1.15	.318	3	H3
—	T690NF03125-24RH4-A	5/16 - 24	2.73	.49	1.15	.318	3	H4

(continued)

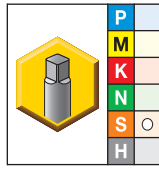
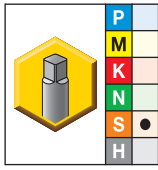


# High-Performance Taps

Beyond™ Left-Hand Spiral-Flute, Right-Hand Cut HSS-E-PM Taps • Through Holes



(T690 • Machine Screw and Fractional • Form D Plug Chamfer • For Nickel- and Cobalt-Based Alloys — continued)



- first choice
- alternate choice

		inch dimensions					number of flutes	pitch diameter limit
		D1 size	L	L3	L2	D		
<b>KSP27</b>	<b>KSS29</b>							
—	T690NF03125-24RH5-A	5/16 - 24	2.73	.49	1.15	.318	3	H5
—	T690NF03125-24RH6-A	5/16 - 24	2.73	.49	1.15	.318	3	H6
—	T690NF03125-24RH7-A *	5/16 - 24	2.73	.49	1.15	.318	3	H7
T690NC03750-16RH3-A	T690NC03750-16RH3-A	3/8 - 16	2.95	.60	1.28	.381	3	H3
T690NC03750-16RH5-A	T690NC03750-16RH5-A	3/8 - 16	2.95	.60	1.28	.381	3	H5
—	T690NC03750-16RH7-A	3/8 - 16	2.95	.60	1.28	.381	3	H7
T690NF03750-24RH3-A	T690NF03750-24RH3-A	3/8 - 24	2.95	.60	1.28	.381	3	H3
—	T690NF03750-24RH4-A	3/8 - 24	2.95	.60	1.28	.381	3	H4
—	T690NF03750-24RH5-A	3/8 - 24	2.95	.60	1.28	.381	3	H5
—	T690NF03750-24RH6-A	3/8 - 24	2.95	.60	1.28	.381	3	H6
—	T690NF03750-24RH7-A *	3/8 - 24	2.95	.60	1.28	.381	3	H7
T690NC04375-14RH3-A	T690NC04375-14RH3-A	7/16 - 14	3.16	.71	1.49	.323	3	H3
T690NF04375-20RH3-A	T690NF04375-20RH3-A	7/16 - 20	3.16	.71	1.49	.323	3	H3
T690NF04375-20RH5-A	T690NF04375-20RH5-A	7/16 - 20	3.16	.71	1.49	.323	3	H5
T690NC05000-13RH3-A	T690NC05000-13RH3-A	1/2 - 13	3.38	.77	1.74	.367	3	H3
—	T690NC05000-13RH5-A	1/2 - 13	3.38	.77	1.74	.367	3	H5
—	T690NC05000-13RH7-A	1/2 - 13	3.38	.77	1.74	.367	3	H7
T690NF05000-20RH3-A	T690NF05000-20RH3-A	1/2 - 20	3.38	.77	1.74	.367	3	H3
—	T690NF05000-20RH5-A	1/2 - 20	3.38	.77	1.74	.367	3	H5
—	T690NF05000-20RH7-A	1/2 - 20	3.38	.77	1.74	.367	3	H7
T690NC06250-11RH3-A	T690NC06250-11RH3-A	5/8 - 11	3.81	.91	1.89	.480	3	H3
T690NF06250-18RH3-A	T690NF06250-18RH3-A *	5/8 - 18	3.81	.91	1.89	.480	3	H3
—	T690NC07500-10RH3-A	3/4 - 10	4.25	1.00	2.08	.590	3	H3
—	T690NF07500-16RH3-A	3/4 - 16	4.25	1.00	2.08	.590	3	H3

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

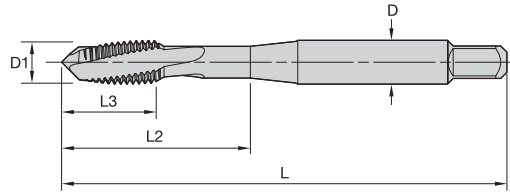
### Shank Tolerance

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

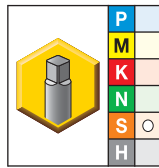
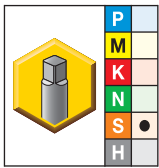
Tapping



- KSS29 oxide/nitride for nickel- and cobalt-based alloys.
- KSP27 AlCrTiN for nickel- and cobalt-based alloys.



## ■ T690 • Form D Plug Chamfer • Metric ANSI • For Nickel- and Cobalt-Based Alloys



- first choice
- alternate choice

		D1 size	L	L3	L2	D	number of flutes	pitch diameter limit
<b>KSP27</b>	<b>KSS29</b>							
T690M025X045RD3-A	T690M025X045RD3-A	M2,5 X 0,45	1.81	.50	.56	.141	2	D3
T690M030X050RD3-A	T690M030X050RD3-A	M3 X 0,5	1.94	.63	.75	.141	2	D3
T690M035X060RD4-A	T690M035X060RD4-A	M3,5 X 0,6	1.99	.36	.72	.141	3	D4
T690M040X070RD4-A	T690M040X070RD4-A	M4 X 0,7	2.12	.32	.77	.168	3	D4
T690M050X080RD4-A	T690M050X080RD4-A	M5 X 0,8	2.38	.47	.92	.194	3	D4
T690M060X100RD5-A	T690M060X100RD5-A	M6 X 1	2.51	.46	1.01	.255	3	D5
T690MF080X100RD5-A *	T690MF080X100RD5-A *	M8 X 1	2.72	.48	1.14	.318	3	D5
T690M080X125RD5-A	T690M080X125RD5-A	M8 X 1,25	2.72	.48	1.14	.318	3	D5
T690M100X150RD6-A *	T690M100X150RD6-A *	M10 X 1,5	2.94	.53	1.27	.381	3	D6
T690M120X175RD6-A	T690M120X175RD6-A	M12 X 1,75	3.38	.77	1.74	.367	3	D6

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

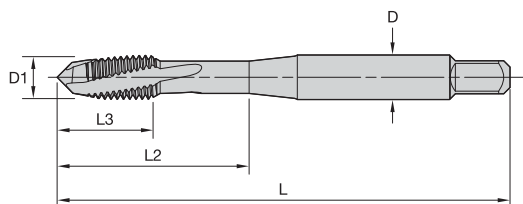


# High-Performance Taps

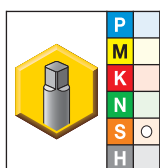
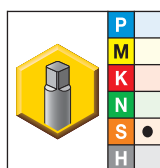
Beyond™ Left-Hand Spiral-Flute, Right-Hand Cut HSS-E-PM Taps • Through Holes



- KSS20 nitride for titanium and titanium alloys.
- KSSM24 TiN + CrC/C for titanium and titanium alloys.



## T660 • Machine Screw and Fractional • Form D Plug Chamfer • For Titanium and Titanium Alloys



- first choice
- alternate choice

Tapping

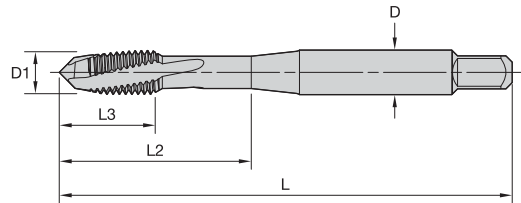
	KSSM24	KSS20	D1 size	L	L3	L2	D	number of flutes	pitch diameter limit
	T660NC#02-56RH2-A	T660NC#02-56RH2-A	2 - 56	1.75	.44	.50	.141	2	H2
	T660NC#04-40RH2-A	T660NC#04-40RH2-A	4 - 40	1.88	.56	.69	.141	2	H2
	T660NC#06-32RH2-A	T660NC#06-32RH2-A	6 - 32	1.99	.36	.71	.141	3	H2
	T660NC#06-32RH3-A	T660NC#06-32RH3-A	6 - 32	1.99	.36	.71	.141	3	H3
	T660NF#06-40RH2-A	T660NF#06-40RH2-A	6 - 40	1.99	.36	.71	.141	3	H2
	T660NC#08-32RH2-A	T660NC#08-32RH2-A	8 - 32	2.12	.31	.76	.168	3	H2
	T660NC#08-32RH3-A	T660NC#08-32RH3-A	8 - 32	2.12	.31	.76	.168	3	H3
	T660NF#08-36RH2-A	T660NF#08-36RH2-A	8 - 36	2.12	.31	.76	.168	3	H2
	T660NC#10-24RH3-A *	T660NC#10-24RH3-A	10 - 24	2.37	.47	.91	.194	3	H3
	T660NF#10-32RH2-A	T660NF#10-32RH2-A	10 - 32	2.37	.47	.91	.194	3	H2
	T660NF#10-32RH3-A *	T660NF#10-32RH3-A	10 - 32	2.37	.47	.91	.194	3	H3
	T660NC02500-20RH3-A	T660NC02500-20RH3-A	1/4 - 20	2.50	.44	1.00	.255	3	H3
	T660NC02500-20RH5-A	T660NC02500-20RH5-A *	1/4 - 20	2.50	.44	1.00	.255	3	H5
	T660NF02500-28RH3-A *	T660NF02500-28RH3-A	1/4 - 28	2.50	.44	1.00	.255	3	H3
	T660NF02500-28RH4-A	T660NF02500-28RH4-A	1/4 - 28	2.50	.44	1.00	.255	3	H4
	T660NC03125-18RH3-A	T660NC03125-18RH3-A	5/16 - 18	2.72	.49	1.13	.318	3	H3
	T660NC03125-18RH5-A	T660NC03125-18RH5-A	5/16 - 18	2.72	.49	1.13	.318	3	H5
	T660NF03125-24RH3-A	T660NF03125-24RH3-A *	5/16 - 24	2.72	.49	1.13	.318	3	H3
	T660NF03125-24RH4-A	T660NF03125-24RH4-A	5/16 - 24	2.72	.49	1.13	.318	3	H4
	T660NC03750-16RH3-A	T660NC03750-16RH3-A	3/8 - 16	2.93	.59	1.26	.381	3	H3
	T660NC03750-16RH5-A *	T660NC03750-16RH5-A	3/8 - 16	2.93	.59	1.26	.381	3	H5
	T660NF03750-24RH3-A	T660NF03750-24RH3-A	3/8 - 24	2.93	.59	1.26	.381	3	H3
	T660NF03750-24RH4-A	T660NF03750-24RH4-A	3/8 - 24	2.93	.59	1.26	.381	3	H4
	T660NC04375-14RH3-A	T660NC04375-14RH3-A *	7/16 - 14	3.16	.71	1.49	.323	3	H3
	T660NF04375-20RH3-A	T660NF04375-20RH3-A	7/16 - 20	3.16	.71	1.49	.323	3	H3
	T660NC05000-13RH3-A	T660NC05000-13RH3-A	1/2 - 13	3.38	.77	1.74	.367	3	H3
	T660NF05000-20RH3-A	T660NF05000-20RH3-A	1/2 - 20	3.38	.77	1.74	.367	3	H3
	T660NF05625-18RH3-A	—	9/16 - 18	3.59	.83	1.74	.429	4	H3
	T660NF05625-18RH5-A	—	9/16 - 18	3.59	.83	1.74	.429	4	H5
	T660NC06250-11RH3-A	—	5/8 - 11	3.81	.91	1.89	.480	4	H3
	T660NF06250-18RH3-A *	—	5/8 - 18	3.81	.91	1.89	.480	4	H3
	T660NF06250-18RH5-A	—	5/8 - 18	3.81	.91	1.89	.480	4	H5
	T660NC07500-10RH5-A	—	3/4 - 10	4.25	1.00	2.08	.590	4	H5
	T660NF07500-16RH3-A	—	3/4 - 16	4.25	1.00	2.08	.590	4	H3
	T660NF07500-16RH5-A	—	3/4 - 16	4.25	1.00	2.08	.590	4	H5
	T660NC10000-08RH5-A *	—	1 - 8	5.13	1.25	2.58	.800	5	H5

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

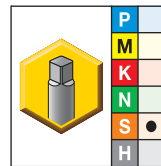
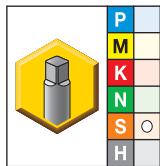
### Shank Tolerance

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

- KSS20 nitride for titanium and titanium alloys.
- KSSM24 TiN + CrC/C for titanium and titanium alloys.



## ■ T660 • Form D Plug Chamfer • Metric ANSI • For Titanium and Titanium Alloys



- first choice
- alternate choice

KSSM24	KSS20	D1 size	L	L3	L2	D	number of flutes	pitch diameter limit
T660M025X045RD3-A *	T660M025X045RD3-A *	M2,5 X 0,45	1.81	.49	.56	.141	3	D3
T660M030X050RD3-A *	T660M030X050RD3-A	M3 X 0,5	1.94	.63	.75	.141	3	D3
T660M040X070RD4-A *	T660M040X070RD4-A *	M4 X 0,7	2.12	.32	.76	.168	3	D4
T660M050X080RD4-A	T660M050X080RD4-A *	M5 X 0,8	2.37	.47	.91	.194	3	D4
T660M060X100RD5-A	T660M060X100RD5-A *	M6 X 1	2.50	.16	1.00	.255	3	D5
T660M070X100RD5-A	T660M070X100RD5-A	M7 X 1	2.73	.52	1.15	.318	3	D5
T660M080X125RD5-A	T660M080X125RD5-A	M8 X 1,25	2.71	.48	1.12	.318	3	D5
T660MF100X125RD5-A *	T660MF100X125RD5-A	M10 X 1,25	2.92	.53	1.26	.381	3	D5
T660M100X150RD6-A	T660M100X150RD6-A *	M10 X 1,5	2.92	.53	1.26	.381	3	D6
T660M120X175RD6-A	T660M120X175RD6-A	M12 X 1,75	3.38	.77	1.74	.367	3	D6

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

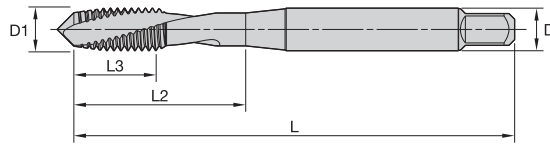


# High-Performance Taps

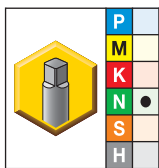
Beyond™ Left-Hand Spiral-Flute, Right-Hand Cut HSS-E Taps • Through Holes



- KSMN34 TiN + CrC/C for aluminum.



## ■ T672 • Machine Screw and Fractional • Form D Plug Chamfer • DIN Length ANSI Shank • For Aluminum



- first choice
- alternate choice

Tapping

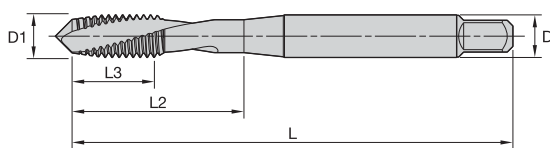
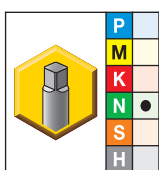
KSMN34	D1 size	L	L3	L2	D	number of flutes	class of fit
T672NC#02-56R2B-DA	2 - 56	1.77	.31	.71	.141	2	2B
T672NC#04-40R3B-DA	4 - 40	2.20	.31	.71	.141	2	3B
T672NC#05-40R3B-DA	5 - 40	2.20	.31	.71	.141	2	3B
T672NC#06-32R2B-DA	6 - 32	2.20	.35	.79	.141	2	2B
T672NC#08-32R2B-DA	8 - 32	2.48	.43	.83	.168	2	2B
T672NC#10-24R2B-DA	10 - 24	2.76	.47	.98	.194	2	2B
T672NF#10-32R2B-DA	10 - 32	2.76	.47	.98	.194	2	2B
T672NC02500-20R2B-DA	1/4 - 20	3.15	.59	1.18	.255	2	2B
T672NC02500-20R3B-DA	1/4 - 20	3.15	.59	1.18	.255	2	3B
T672NF02500-28R2B-DA	1/4 - 28	3.15	.59	1.18	.255	2	2B
T672NF02500-28R3B-DA	1/4 - 28	3.15	.59	1.18	.255	2	3B
T672NC03125-18R2B-DA *	5/16 - 18	3.54	.59	1.38	.318	2	2B
T672NC03125-18R3B-DA	5/16 - 18	3.54	.59	1.38	.318	2	3B
T672NF03125-24R2B-DA *	5/16 - 24	3.54	.59	1.38	.318	2	2B
T672NF03125-24R3B-DA	5/16 - 24	3.54	.59	1.38	.318	2	3B
T672NC03750-16R2B-DA *	3/8 - 16	3.94	.75	1.54	.381	2	2B
T672NC03750-16R3B-DA *	3/8 - 16	3.94	.75	1.54	.381	2	3B
T672NF03750-24R2B-DA	3/8 - 24	3.94	.75	1.54	.381	2	2B
T672NF03750-24R3B-DA	3/8 - 24	3.94	.75	1.54	.381	2	3B
T672NC04375-14R2B-DA	7/16 - 14	3.94	.71	1.61	.323	3	2B
T672NC04375-14R3B-DA	7/16 - 14	3.94	.71	1.61	.323	3	3B
T672NF04375-20R2B-DA	7/16 - 20	3.94	.71	1.61	.323	3	2B
T672NF04375-20R3B-DA	7/16 - 20	3.94	.71	1.61	.323	3	3B
T672NC05000-13R2B-DA	1/2 - 13	4.33	.91	1.85	.367	3	2B
T672NC05000-13R3B-DA	1/2 - 13	4.33	.91	1.85	.367	3	3B
T672NF05000-20R2B-DA	1/2 - 20	4.33	.91	1.85	.367	3	2B
T672NF05000-20R3B-DA	1/2 - 20	4.33	.91	1.85	.367	3	3B

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

### Shank Tolerance

D inch	tolerance h9
.141-.635	+0, -.0015
<.635-1.51	+0, -.0020
>1.51-2.01	+0, -.0030

- KSMN34 TiN + CrC/C for aluminum.


**■ T672 • Form D Plug Chamfer • Metric • DIN Length ANSI Shank • For Aluminum**


- first choice
- alternate choice

KSMN34	D1 size	L	L3	L2	D	number of flutes	class of fit
T672M030X050R6H-DA	M3 X 0,5	2.20	.31	.71	.141	2	6H
T672M035X060R6H-DA	M3,5 X 0,6	2.20	.35	.79	.141	2	6H
T672M040X070R6H-DA	M4 X 0,7	2.48	.43	.83	.168	2	6H
T672M050X080R6H-DA	M5 X 0,8	2.76	.47	.98	.194	2	6H
T672M060X100R6H-DA	M6 X 1	3.15	.47	1.18	.255	2	6H
T672M070X100R6H-DA	M7 X 1	3.54	.59	1.38	.318	2	6H
T672MF080X100R6H-DA *	M8 X 1	3.54	.59	1.38	.318	2	6H
T672M080X125R6H-DA	M8 X 1,25	3.54	.59	1.38	.318	2	6H
T672MF100X125R6H-DA	M10 X 1,25	3.94	.71	1.54	.381	2	6H
T672M100X150R6H-DA	M10 X 1,5	3.94	.71	1.54	.381	2	6H
T672MF120X125R6H-DA	M12 X 1,25	4.33	.83	1.73	.367	3	6H
T672MF120X150R6H-DA	M12 X 1,5	4.33	.83	1.73	.367	3	6H
T672M120X175R6H-DA	M12 X 1,75	4.33	.83	1.73	.367	3	6H

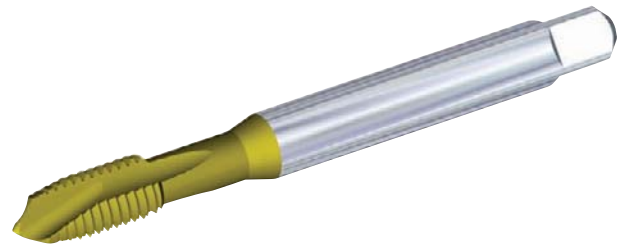
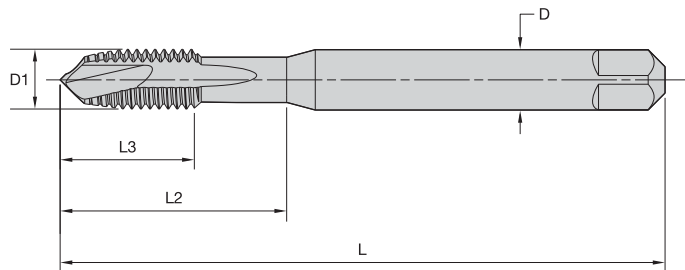
NOTE: \*Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

**Shank Tolerance**

D inch	tolerance h9
.141-.635	+0, -.0015
<.635-1.51	+0, -.0020
>1.51-2.01	+0, -.0030

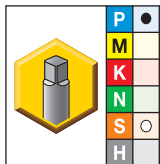


- KSP21 TiN for tapping steel 32–44 HRC.



■ T600 • DIN 371, 374, and 376 • Form B Plug Chamfer • Metric • For Hard Steel

Tapping



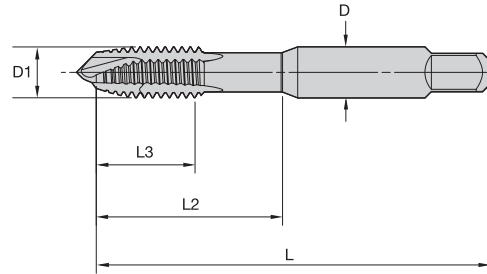
- first choice
- alternate choice

KSP21	D1 size	L	L3	L2	D	number of flutes	dimension standard	class of fit
T600M030X050R6HX-D1	M3 X 0,5	56	11	18	3,5	2	DIN 371	6HX
T600M040X070R6HX-D1	M4 X 0,7	63	13	21	4,5	2	DIN 371	6HX
T600M050X080R6HX-D1	M5 X 0,8	70	15	25	6,0	2	DIN 371	6HX
T600M060X100R6HX-D1	M6 X 1	80	17	30	6,0	3	DIN 371	6HX
T600MF080X100R6HX-D4	M8 X 1	90	17	—	6,0	3	DIN 374	6HX
T600M080X125R6HX-D1	M8 X 1,25	90	20	35	8,0	3	DIN 371	6HX
T600MF100X100R6HX-D4	M10 X 1	90	18	—	7,0	3	DIN 374	6HX
T600MF100X125R6HX-D4	M10 X 1,25	100	22	—	7,0	3	DIN 374	6HX
T600M100X150R6HX-D1	M10 X 1,5	100	22	39	10,0	3	DIN 371	6HX
T600MF120X125R6HX-D4	M12 X 1,25	100	22	—	9,0	3	DIN 374	6HX
T600MF120X150R6HX-D4	M12 X 1,5	100	22	—	9,0	3	DIN 374	6HX
T600M120X175R6HX-D6	M12 X 1,75	110	24	—	9,0	3	DIN 376	6HX
T600MF140X150R6HX-D4	M14 X 1,5	100	22	—	11,0	3	DIN 374	6HX
T600M140X200R6HX-D6	M14 X 2	110	26	—	11,0	3	DIN 376	6HX
T600MF160X150R6HX-D4	M16 X 1,5	100	22	—	12,0	4	DIN 374	6HX
T600M160X200R6HX-D6	M16 X 2	110	27	—	12,0	4	DIN 376	6HX
T600M180X250R6HX-D6	M18 X 2	125	30	—	14,0	4	DIN 376	6HX
T600M200X250R6HX-D6	M20 X 2,5	140	32	—	16,0	4	DIN 376	6HX

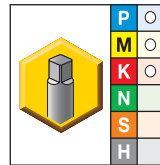
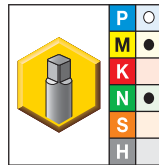
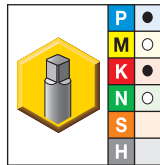
Shank Tolerance

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

- KSP32 TiCN/TiN
- KSMN34 TiN + CrC/C
- KSP39 oxide
- KSU30 bright\*\*



■ T820 • Form B Plug Chamfer • Machine Screw and Fractional • ANSI



- first choice
- alternate choice

	KSP32	KSMN34	KSP39	inch dimensions					number of flutes	pitch diameter limit
				D1	TPI	L	L3	L2		
	—	—	T820NC#02-56RH2-A	2 - 56	1.75	.39	.50	.141	2	H2
	—	—	T820NC#02-56RH3-A	2 - 56	1.75	.39	.50	.141	2	H3
	—	—	T820NC#02-56RH4-A	2 - 56	1.75	.39	.50	.141	2	H4
	—	—	T820NC#03-48RH2-A	3 - 48	1.82	.45	.57	.141	2	H2
T820NC#04-40RH2-A	T820NC#04-40RH2-A	T820NC#04-40RH2-A	T820NC#04-40RH3-A	4 - 40	1.88	.51	.69	.141	2	H2
—	—	—	T820NC#04-40RH3-A	4 - 40	1.88	.51	.69	.141	2	H3
—	—	—	T820NC#04-40RH4-A	4 - 40	1.88	.51	.69	.141	2	H4
T820NC#04-40RH5-A	—	—	T820NC#04-40RH5-A	4 - 40	1.88	.51	.69	.141	2	H5
—	—	—	T820NC#04-40RH6-A	4 - 40	1.88	.51	.69	.141	2	H6
—	—	—	T820NF#04-48RH2-A	4 - 48	1.88	.51	.69	.141	2	H2
—	—	—	T820NF#04-48RH4-A	4 - 48	1.88	.51	.69	.141	2	H4
—	—	—	T820NC#05-40RH2-A	5 - 40	1.94	.58	.75	.141	2	H2
—	—	—	T820NC#06-32RH2-A	6 - 32	1.99	.38	.71	.141	2	H2
T820NC#06-32RH3-A	T820NC#06-32RH3-A	T820NC#06-32RH3-A	T820NC#06-32RH3-A	6 - 32	1.99	.38	.71	.141	2	H3
—	—	—	T820NC#06-32RH4-A	6 - 32	1.99	.38	.71	.141	2	H4
—	—	—	T820NC#06-32RH5-A	6 - 32	1.99	.38	.71	.141	2	H5
—	—	—	T820NC#06-32RH6-A	6 - 32	1.99	.38	.71	.141	2	H6
—	—	—	T820NC#06-32RH7-A *	6 - 32	1.99	.38	.71	.141	2	H7
—	—	—	T820NF#06-40RH2-A	6 - 40	1.99	.38	.71	.141	2	H2
—	—	—	T820NF#06-40RH3-A	6 - 40	1.99	.38	.76	.141	2	H3
—	—	—	T820NF#08-36RH2-A	8 - 36	2.11	.38	.76	.168	2	H2
—	—	—	T820NC#08-32RH2-A	8 - 32	2.12	.38	.76	.168	2	H2
T820NC#08-32RH3-A	T820NC#08-32RH3-A	T820NC#08-32RH3-A	T820NC#08-32RH3-A	8 - 32	2.12	.38	.76	.168	2	H3
T820NC#08-32RH4-A	—	—	—	8 - 32	2.12	.38	.76	.168	2	H4
—	—	—	T820NC#08-32RH5-A	8 - 32	2.12	.38	.76	.168	2	H5
—	—	—	T820NC#08-32RH6-A	8 - 32	2.12	.38	.76	.168	2	H6
—	—	—	T820NC#08-32RH7-A	8 - 32	2.12	.38	.76	.168	2	H7
T820NF#10-32RH3-A	T820NF#10-32RH3-A	T820NF#10-32RH3-A	T820NF#10-32RH3-A	10 - 32	2.36	.50	.91	.194	2	H3
—	—	—	T820NF#10-32RH4-A	10 - 32	2.36	.50	.91	.194	2	H4
—	—	—	T820NF#10-32RH5-A	10 - 32	2.36	.50	.91	.194	2	H5
—	—	—	T820NF#10-32RH6-A	10 - 32	2.36	.50	.91	.194	2	H6
—	—	—	T820NF#10-32RH7-A	10 - 32	2.36	.50	.91	.194	2	H7

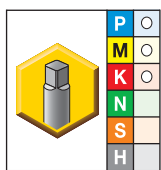
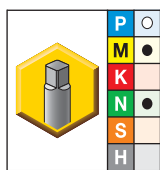
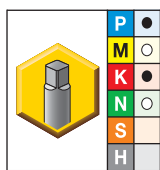
(continued)

# Multipurpose Taps

G0tap™ T820 Spiral-Point HSS-E Taps • Through Holes



(T820 • Form B Plug Chamfer • Machine Screw and Fractional • ANSI — continued)



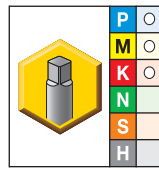
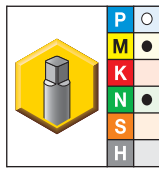
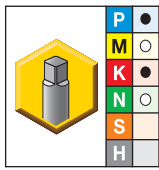
● first choice  
○ alternate choice

			inch dimensions					number of flutes	pitch diameter limit
KSP32	KSMN34	KSP39	D1 TPI	L	L3	L2	D		
T820NC#10-24RH3-A	T820NC#10-24RH3-A	T820NC#10-24RH3-A	10 - 24	2.37	.50	.91	.194	2	H3
—	—	T820NC#10-24RH5-A	10 - 24	2.37	.50	.91	.194	2	H5
—	—	T820NC#10-24RH7-A	10 - 24	2.37	.50	.91	.194	2	H7
—	—	T820NF#12-28RH3-A	12 - 28	2.37	.50	.96	.220	2	H3
—	—	T820NC02500-20RH2-A	1/4 - 20	2.50	.63	1.00	.255	3	H2
T820NC02500-20RH3-A	T820NC02500-20RH3-A	T820NC02500-20RH3-A	1/4 - 20	2.50	.63	1.00	.255	3	H3
—	—	T820NC02500-20RH5-A	1/4 - 20	2.50	.63	1.00	.255	3	H5
—	—	T820NC02500-20RH7-A	1/4 - 20	2.50	.63	1.00	.255	3	H7
—	—	T820NF02500-28RH2-A	1/4 - 28	2.50	.63	1.00	.255	3	H2
T820NF02500-28RH3-A	T820NF02500-28RH3-A	T820NF02500-28RH3-A	1/4 - 28	2.50	.63	1.00	.255	3	H3
—	—	T820NF02500-28RH4-A	1/4 - 28	2.50	.63	1.00	.255	3	H4
—	—	T820NF02500-28RH5-A	1/4 - 28	2.50	.63	1.01	.255	3	H5
—	—	T820NF02500-28RH6-A	1/4 - 28	2.50	.63	1.01	.255	3	H6
—	—	T820NF02500-28RH7-A	1/4 - 28	2.50	.63	1.01	.255	3	H7
T820NC03125-18RH3-A	T820NC03125-18RH3-A	T820NC03125-18RH3-A	5/16 - 18	2.72	.69	1.14	.318	3	H3
—	—	T820NC03125-18RH5-A	5/16 - 18	2.72	.69	1.14	.318	3	H5
—	—	T820NC03125-18RH7-A	5/16 - 18	2.72	.69	1.14	.318	3	H7
T820NF03125-24RH3-A	T820NF03125-24RH3-A	T820NF03125-24RH3-A	5/16 - 24	2.72	.69	1.14	.318	3	H3
—	—	T820NF03125-24RH4-A	5/16 - 24	2.72	.69	1.14	.318	3	H4
—	—	T820NF03125-24RH5-A	5/16 - 24	2.72	.69	1.14	.318	3	H5
—	—	T820NF03125-24RH6-A	5/16 - 24	2.72	.69	1.14	.318	3	H6
—	—	T820NF03125-24RH7-A	5/16 - 24	2.72	.69	1.14	.318	3	H7
T820NC03750-16RH3-A	T820NC03750-16RH3-A	T820NC03750-16RH3-A	3/8 - 16	2.94	.75	1.27	.381	3	H3
—	—	T820NC03750-16RH5-A	3/8 - 16	2.94	.75	1.27	.381	3	H5
—	—	T820NC03750-16RH7-A	3/8 - 16	2.94	.75	1.27	.381	3	H7
T820NF03750-24RH3-A	T820NF03750-24RH3-A	T820NF03750-24RH3-A	3/8 - 24	2.94	.75	1.27	.381	3	H3
—	—	T820NF03750-24RH4-A	3/8 - 24	2.94	.75	1.27	.381	3	H4
—	—	T820NF03750-24RH5-A	3/8 - 24	2.94	.75	1.27	.381	3	H5
—	—	T820NF03750-24RH6-A	3/8 - 24	2.94	.75	1.27	.381	3	H6
—	—	T820NF03750-24RH7-A	3/8 - 24	2.94	.75	1.27	.381	3	H7
—	T820NC04375-14RH3-A	T820NC04375-14RH3-A	7/16 - 14	3.16	.88	1.49	.323	3	H3
—	—	T820NC04375-14RH5-A	7/16 - 14	3.16	.88	1.49	.323	3	H5
—	T820NF04375-20RH3-A	T820NF04375-20RH3-A	7/16 - 20	3.16	.88	1.49	.323	3	H3
—	—	T820NF04375-20RH5-A	7/16 - 20	3.16	.88	1.49	.323	3	H5
—	—	T820NF04375-20RH6-A	7/16 - 20	3.16	.88	1.49	.323	3	H6
—	—	T820NF04375-20RH7-A	7/16 - 20	3.16	.88	1.49	.323	3	H7
T820NC05000-13RH3-A	T820NC05000-13RH3-A	T820NC05000-13RH3-A	1/2 - 13	3.38	.94	1.74	.367	3	H3
—	—	T820NC05000-13RH5-A	1/2 - 13	3.38	.94	1.74	.367	3	H5
—	—	T820NC05000-13RH7-A	1/2 - 13	3.38	.94	1.74	.367	3	H7
T820NF05000-20RH3-A	T820NF05000-20RH3-A	T820NF05000-20RH3-A	1/2 - 20	3.38	.94	1.74	.367	3	H3
—	—	T820NF05000-20RH5-A	1/2 - 20	3.38	.94	1.74	.367	3	H5
—	—	T820NF05000-20RH6-A	1/2 - 20	3.38	.94	1.74	.367	3	H6
—	—	T820NF05000-20RH7-A	1/2 - 20	3.38	.94	1.74	.367	3	H7
T820NC05625-12RH3-A	—	T820NC05625-12RH3-A	9/16 - 12	3.59	1.00	1.74	.429	3	H3
—	T820NF05625-18RH3-A	T820NF05625-18RH3-A	9/16 - 18	3.59	1.00	1.74	.429	3	H3
T820NC06250-11RH3-A	T820NC06250-11RH3-A	T820NC06250-11RH3-A	5/8 - 11	3.81	1.09	1.89	.480	3	H3
—	—	T820NC06250-11RH5-A	5/8 - 11	3.81	1.09	1.89	.480	3	H5
—	—	T820NC06250-11RH7-A	5/8 - 11	3.81	1.09	1.89	.480	3	H7
T820NF06250-18RH3-A	—	T820NF06250-18RH3-A	5/8 - 18	3.81	1.09	1.89	.480	3	H3
T820NF06250-18RH5-A *	—	T820NF06250-18RH5-A	5/8 - 18	3.81	1.09	1.89	.480	3	H5
—	—	T820NF06250-18RH6-A	5/8 - 18	3.81	1.09	1.89	.480	3	H6
T820NC07500-10RH3-A	T820NC07500-10RH3-A	T820NC07500-10RH3-A	3/4 - 10	4.25	1.22	2.08	.590	3	H3

(continued)



(T820 • Form B Plug Chamfer • Machine Screw and Fractional • ANSI — continued)



● first choice  
○ alternate choice

			inch dimensions					number of flutes	pitch diameter limit
KSP32	KSMN34	KSP39	D1 TPI	L	L3	L2	D		
T820NF07500-16RH3-A	T820NF07500-16RH3-A	T820NF07500-16RH3-A	3/4 - 16	4.25	1.22	2.08	.590	3	H3
T820NC08750-9RH4-A	T820NC08750-9RH4-A	—	7/8 - 9	4.69	1.34	2.30	.697	3	H4
—	—	T820NF08750-14RH4-A	7/8 - 14	4.69	1.34	2.30	.697	3	H4
T820NC10000-8RH5-A	T820NC10000-8RH5-A	T820NC10000-8RH5-A	1 - 8	5.13	1.50	2.58	.800	3	H5
—	—	T820NF10000-12RH4-A	1 - 12	5.13	1.50	2.58	.800	3	H4
—	—	T820NC11250-7RH6-A	1 1/8 - 7	5.44	1.71	2.56	.895	4	H6
—	—	T820NF11250-12RH5-A	1 1/8 - 12	5.44	1.71	2.56	.895	4	H5
—	—	T820NC12500-7RH6-A	1 1/4 - 7	5.75	1.71	2.56	1.021	4	H6

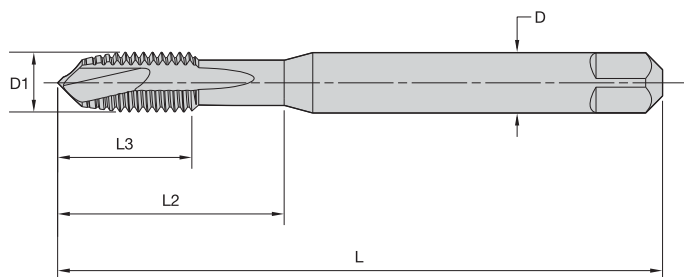
NOTE: \*Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.  
\*\*Bright taps (KSU30) available.

**Shank Tolerance**

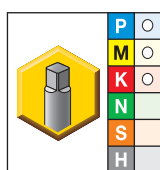
D inch	tolerance
.141-.635	+0, -.0015
>.635-1.51	+0, -.0020
>1.51-2.01	+0, -.0030



• KSP39 oxide



### ■ T820 • DIN 371 and 376 • Form B Plug Chamfer • UNC/UNF



● first choice

○ alternate choice

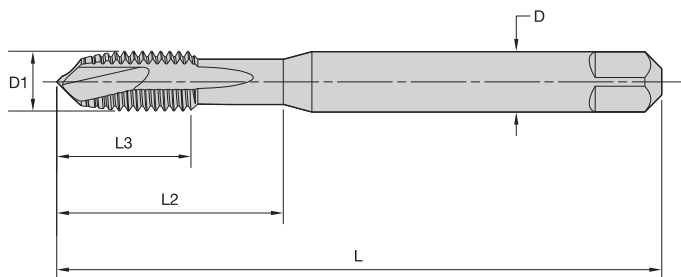
Tapping

KSP39	metric dimensions					number of flutes	dimension standard	class of fit
	D1 size	L	L3	L2	D			
T820NC#04-40R2B-D1	4 - 40	56	8	18	3,5	2	DIN 371	2B
T820NC#05-40R2B-D1	5 - 40	56	9	20	4,0	2	DIN 371	2B
T820NC#06-32R2B-D1	6 - 32	56	9	20	4,0	2	DIN 371	2B
T820NF#06-40R2B-D1	6 - 40	56	9	20	4,0	2	DIN 371	2B
T820NC#08-32R2B-D1	8 - 32	63	11	21	4,5	2	DIN 371	2B
T820NC#10-24R2B-D1	10 - 24	70	12	25	6,0	2	DIN 371	2B
T820NF#10-32R2B-D1	10 - 32	70	12	25	6,0	2	DIN 371	2B
T820NC02500-20R2B-D1	1/4 - 20	80	15	30	7,0	3	DIN 371	2B
T820NF02500-28R2B-D1	1/4 - 28	80	15	30	7,0	3	DIN 371	2B
T820NC03125-18R2B-D1	5/16 - 18	90	15	35	8,0	3	DIN 371	2B
T820NF03125-24R2B-D1	5/16 - 24	90	15	35	8,0	3	DIN 371	2B
T820NC03750-16R2B-D1	3/8 - 16	100	19	39	10,0	3	DIN 371	2B
T820NF03750-24R2B-D1	3/8 - 24	100	19	39	10,0	3	DIN 371	2B
T820NC04375-14R2B-D6	7/16 - 14	100	18	41	8,0	3	DIN 376	2B
T820NF04375-20R2B-D6	7/16 - 20	100	18	41	8,0	3	DIN 376	2B
T820NC05000-13R2B-D6	1/2 - 13	110	23	47	9,0	3	DIN 376	2B
T820NF05000-20R2B-D6	1/2 - 20	110	23	47	9,0	3	DIN 376	2B
T820NC05625-12R2B-D6	9/16 - 12	110	25	53	11,0	3	DIN 376	2B
T820NF05625-18R2B-D6	9/16 - 18	110	25	53	11,0	3	DIN 376	2B
T820NC06250-11R2B-D6	5/8 - 11	110	24	51	12,0	3	DIN 376	2B
T820NF06250-18R2B-D6	5/8 - 18	110	24	51	12,0	3	DIN 376	2B
T820NC07500-10R2B-D6	3/4 - 10	140	30	64	16,0	3	DIN 376	2B
T820NF07500-16R2B-D6	3/4 - 16	140	30	64	16,0	3	DIN 376	2B
T820NC08750-9R2B-D6	7/8 - 9	140	34	71	18,0	3	DIN 376	2B
T820NF08750-14R2B-D6	7/8 - 14	140	34	71	18,0	3	DIN 376	2B
T820NC10000-8R2B-D6	1 - 8	160	38	81	18,0	3	DIN 376	2B
T820NF10000-12R2B-D6	1 - 12	160	38	81	18,0	3	DIN 376	2B

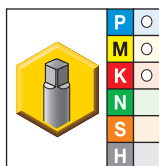
#### Shank Tolerance

D mm	tolerance h9
1-3	+0, -0,025
>3-6	+0, -0,030
>6-10	+0, -0,036
>10-18	+0, -0,043
>18-30	+0, -0,052

• KSP39 oxide



■ T820 • DIN 371 and 376 • Form B Plug Chamfer • UNJC/UNJF



● first choice  
○ alternate choice

KSP39	D1 size	metric dimensions				D	number of flutes	dimension standard	class of fit
		L	L3	L2					
T820NC#04-40R3B-D1	4 - 40	56	8	18	3,5	2	DIN 371	3B	
T820NC#06-32R3B-D1	6 - 32	56	9	20	4,0	2	DIN 371	3B	
T820NC#08-32R3B-D1	8 - 32	63	11	21	4,5	2	DIN 371	3B	
T820NF#10-32R3B-D1	10 - 32	70	12	25	6,0	2	DIN 371	3B	
T820NF02500-28R3B-D1	1/4 - 28	80	15	30	7,0	3	DIN 371	3B	
T820NF03125-24R3B-D1	5/16 - 24	90	15	35	8,0	3	DIN 371	3B	
T820NF03750-24R3B-D1	3/8 - 24	100	19	39	10,0	3	DIN 371	3B	
T820NF04375-20R3B-D6	7/16 - 20	100	18	41	8,0	3	DIN 376	3B	
T820NF05000-20R3B-D6	1/2 - 20	110	23	47	9,0	3	DIN 376	3B	

NOTE: Internal UNJC/UNJF threads may be produced with ground thread UNC/UNF taps.

Shank Tolerance

D mm	tolerance h9
1-3	+0, -0,025
>3-6	+0, -0,030
>6-10	+0, -0,036
>10-18	+0, -0,043
>18-30	+0, -0,052

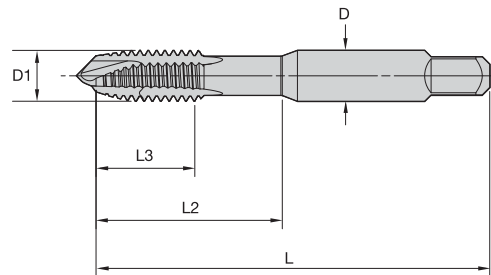


# Multipurpose Taps

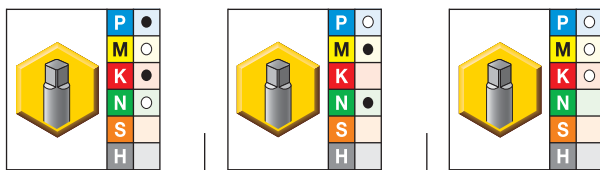
G0tap™ T822 Spiral-Point HSS-E Taps • Through Holes



- KSP32 TiCN/TiN
- KSMN34 TiN + Cr/C
- KSP39 oxide
- KSU30 bright\*\*



## ■ T822 • Form B Plug Chamfer • Machine Screw • 3 Flute • ANSI



- first choice
- alternate choice

Tapping

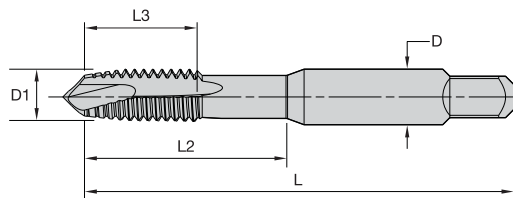
			inch dimensions						number of flutes	pitch diameter limit
KSP32	KSMN34	KSP39	D1 TPI	L	L3	L2	D			
—	—	T822NC#05-40RH2-A	5 - 40	1.94	.58	.75	.141	3	H2	
—	—	T822NC#06-32RH2-A	6 - 32	1.99	.38	.71	.141	3	H2	
T822NC#06-32RH3-A	T822NC#06-32RH3-A	T822NC#06-32RH3-A	6 - 32	1.99	.38	.71	.141	3	H3	
—	—	T822NC#06-32RH4-A	6 - 32	1.99	.38	.71	.141	3	H4	
—	—	T822NC#06-32RH5-A	6 - 32	1.99	.38	.71	.141	3	H5	
—	—	T822NC#06-32RH6-A	6 - 32	1.99	.38	.71	.141	3	H6	
—	—	T822NC#06-32RH7-A	6 - 32	1.99	.38	.71	.141	3	H7	
—	—	T822NF#06-40RH2-A	6 - 40	1.99	.38	.71	.141	3	H2	
—	—	T822NF#06-40RH3-A	6 - 40	1.99	.38	.71	.141	3	H3	
—	—	T822NC#08-32RH2-A	8 - 32	2.12	.38	.76	.168	3	H2	
T822NC#08-32RH3-A *	T822NC#08-32RH3-A	T822NC#08-32RH3-A	8 - 32	2.12	.38	.76	.168	3	H3	
T822NC#08-32RH4-A	—	—	8 - 32	2.12	.38	.76	.168	3	H4	
—	—	T822NC#08-32RH5-A	8 - 32	2.12	.38	.76	.168	3	H5	
—	—	T822NC#08-32RH6-A	8 - 32	2.12	.38	.76	.168	3	H6	
—	—	T822NC#08-32RH7-A	8 - 32	2.12	.38	.76	.168	3	H7	
—	—	T822NF#08-36RH2-A	8 - 36	2.12	.38	.76	.168	3	H2	
T822NF#10-32RH3-A	T822NF#10-32RH3-A *	T822NF#10-32RH3-A	10 - 32	2.36	.50	.91	.194	3	H3	
—	—	T822NF#10-32RH4-A	10 - 32	2.36	.50	.91	.194	3	H4	
—	—	T822NF#10-32RH5-A	10 - 32	2.36	.50	.91	.194	3	H5	
—	—	T822NF#10-32RH6-A	10 - 32	2.36	.50	.91	.194	3	H6	
—	—	T822NF#10-32RH7-A	10 - 32	2.36	.50	.91	.194	3	H7	
T822NC#10-24RH3-A	T822NC#10-24RH3-A	T822NC#10-24RH3-A *	10 - 24	2.37	.50	.91	.194	3	H3	
—	—	T822NC#10-24RH5-A	10 - 24	2.37	.50	.91	.194	3	H5	
—	—	T822NC#10-24RH7-A	10 - 24	2.37	.50	.91	.194	3	H7	
—	—	T822NF#12-28RH3-A *	12 - 28	2.37	.50	.96	.220	3	H3	

NOTE: \*Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.  
 \*\*Bright taps (KSU30) available.

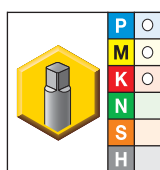
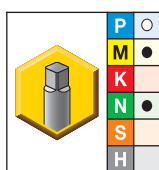
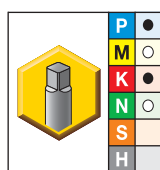
### Shank Tolerance

D inch	tolerance
.141-.635	+0, -.0015
>.635-1.51	+0, -.0020
>1.51-2.01	+0, -.0030

- KSP32 TiCN/TiN
- KSMN34 TiN + Cr/C
- KSP39 oxide
- KSU30 bright\*\*



## T820 • Form B Plug Chamfer • Metric • ANSI



- first choice
- alternate choice

			inch dimensions				number of flutes	pitch diameter limit	
KSP32	KSMN34	KSP39	D1 size	L	L3	L2			D
T820M030X050RD3-A	T820M030X050RD3-A	T820M030X050RD3-A	M3 X 0,5	1.94	.58	.75	.141	2	D3
—	—	T820M035X060RD4-A	M3,5 X 0,6	1.99	.38	.71	.141	2	D4
T820M040X070RD4-A	T820M040X070RD4-A	T820M040X070RD4-A	M4 X 0,7	2.12	.38	.76	.168	2	D4
T820M050X080RD4-A	T820M050X080RD4-A	T820M050X080RD4-A	M5 X 0,8	2.37	.50	.91	.194	2	D4
T820M060X100RD5-A	T820M060X100RD5-A	T820M060X100RD5-A	M6 X 1	2.50	.63	1.00	.255	3	D5
—	—	T820M070X100RD5-A	M7 X 1	2.72	.69	1.15	.318	3	D5
—	—	T820MF080X100RD5-A	M8 X 1,0	2.71	.69	1.12	.318	3	D5
T820M080X125RD5-A	T820M080X125RD5-A	T820M080X125RD5-A	M8 X 1,25	2.71	.69	1.13	.318	3	D5
—	—	T820MF100X125RD5-A	M10 X 1,25	2.92	.74	1.25	.381	3	D5
T820M100X150RD6-A	T820M100X150RD6-A *	T820M100X150RD6-A	M10 X 1,50	2.92	.75	1.26	.381	3	D6
—	—	T820MF120X125RD6-A	M12 X 1,25	3.38	.94	1.74	.367	3	D6
—	—	T820MF120X150RD6-A	M12 X 1,5	3.38	.94	1.74	.367	3	D6
T820M120X175RD6-A	T820M120X175RD6-A	T820M120X175RD6-A	M12 X 1,75	3.38	.94	1.74	.367	3	D6
—	—	T820MF140X150RD6-A	M14 X 1,5	3.59	1.00	1.74	.429	3	D6
—	—	T820M140X200RD7-A	M14 X 2,0	3.59	1.00	1.74	.429	3	D7
—	T820MF160X150RD6-A	T820MF160X150RD6-A	M16 X 1,5	3.81	1.09	1.89	.480	3	D6
T820M160X200RD7-A	T820M160X200RD7-A	T820M160X200RD7-A	M16 X 2,0	3.81	1.09	1.89	.480	3	D7

NOTE: \*Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.  
 \*\*Bright taps (KSU30) available.

### Shank Tolerance

D inch	tolerance
0.141–0.635	+0, -.0015
>0.635–1.51	+0, -.0020
>1.51–2.01	+0, -.0030

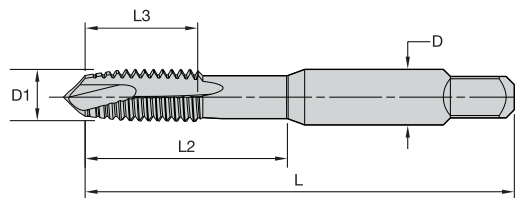


# Multipurpose Taps

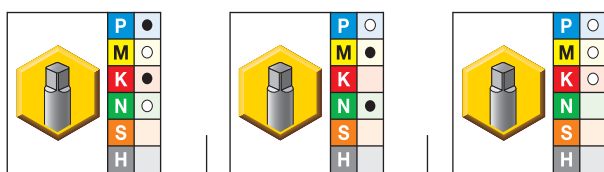
GOtap™ T822 Spiral-Point HSS-E Taps • Through Holes



- KSP32 TiCN/TiN
- KSMN34 TiN + CrC/C
- KSP39 oxide
- KSU30 bright\*\*



## T822 • Form B Plug Chamfer • Metric • 3 Flute • ANSI



- first choice
- alternate choice

				inch dimensions				number of flutes	pitch diameter limit	
	KSP32	KSMN34	KSP39	D1 size	L	L3	L2			D
T822M030X050RD3-A	T822M030X050RD3-A	T822M030X050RD3-A	T822M035X060RD4-A *	M3 X 0,5	1.94	.58	.75	.141	3	D3
—	—	—	—	M3,5 X 0,6	1.99	.38	.71	.141	3	D4
T822M040X070RD4-A *	T822M040X070RD4-A *	T822M040X070RD4-A *	T822M040X070RD4-A *	M4 X 0,7	2.12	.38	.76	.168	3	D4
T822M050X080RD4-A	T822M050X080RD4-A	T822M050X080RD4-A	T822M050X080RD4-A	M5 X 0,8	2.37	.50	.91	.194	3	D4

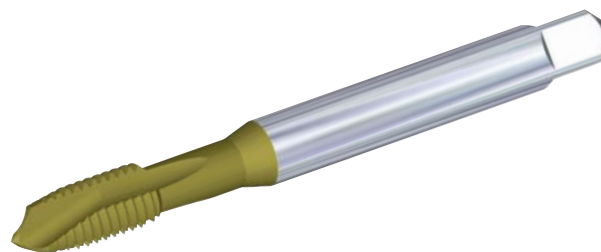
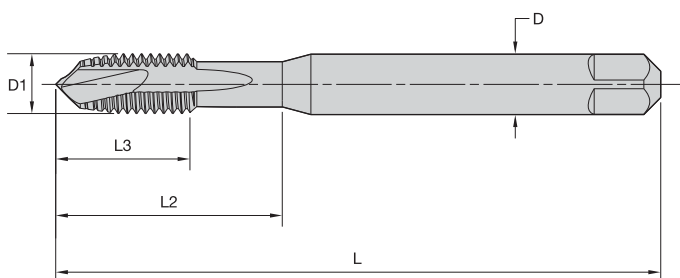
NOTE: \*Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.  
 \*\*Bright taps (KSU30) available.

### Shank Tolerance

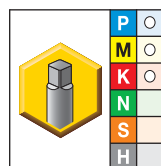
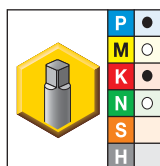
D inch	tolerance
0.141–0.635	+0, -.0015
>0.635–1.51	+0, -.0020
>1.51–2.01	+0, -.0030

Tapping

- KSP32 TiCN/TiN
- KSP39 oxide



■ T820 • DIN 371, 374, and 376 • Form B Plug Chamfer • Metric



- first choice
- alternate choice

		metric dimensions					number of flutes	dimension standard	class of fit
KSP32	KSP39	D1 size	L	L3	L2	D			
T820M020X040R6H-D1	T820M020X040R6H-D1	M2 X 0,4	45	7	13	2,8	2	DIN 371	6H
—	T820M020X040R6G-D1	M2 X 0,4	45	7	13	2,8	2	DIN 371	6G
—	T820M025X045R6H-D1	M2,5 X 0,45	50	7	15	2,8	2	DIN 371	6H
—	T820M025X045R6G-D1	M2,5 X 0,45	50	7	15	2,8	2	DIN 371	6G
T820M030X050R6H-D1	T820M030X050R6H-D1	M3 X 0,5	56	8	18	3,5	2	DIN 371	6H
—	T820M030X050R6G-D1	M3 X 0,5	56	8	18	3,5	2	DIN 371	6G
—	T820M035X060R6H-D1	M3,5 X 0,6	56	9	20	4,0	2	DIN 371	6H
—	T820MF040X050R6H-D4	M4 X 0,5	63	10	21	2,8	2	DIN 374	6H
T820M040X070R6H-D1	T820M040X070R6H-D1	M4 X 0,7	63	11	21	4,5	2	DIN 371	6H
—	T820M040X070R6G-D1	M4 X 0,7	63	11	21	4,5	2	DIN 371	6G
—	T820MF050X050R6H-D4	M5 X 0,5	70	12	25	3,5	2	DIN 374	6H
T820M050X080R6H-D1	T820M050X080R6H-D1	M5 X 0,8	70	12	25	6,0	2	DIN 371	6H
—	T820M050X080R6G-D1	M5 X 0,8	70	12	25	6,0	2	DIN 371	6G
—	T820MF060X050R6H-D4	M6 X 0,5	80	12	30	4,5	3	DIN 374	6H
—	T820MF060X075R6H-D4	M6 X 0,75	80	12	30	4,5	3	DIN 374	6H
—	T820M060X100R6H-D6	M6 X 1	80	12	30	4,5	3	DIN 376	6H
T820M060X100R6H-D1	T820M060X100R6H-D1	M6 X 1	80	12	30	6,0	3	DIN 371	6H
—	T820M060X100R6G-D1	M6 X 1	80	12	30	6,0	3	DIN 371	6G
T820M070X100R6H-D1	T820M070X100R6H-D1	M7 X 1	80	12	30	7,0	3	DIN 371	6H
—	T820M070X100R6G-D1	M7 X 1	80	12	30	7,0	3	DIN 371	6G
—	T820MF080X100R6H-D4	M8 X 1	90	15	35	6,0	3	DIN 374	6H
—	T820M080X125R6H-D6	M8 X 1,25	90	15	35	6,0	3	DIN 376	6H
T820M080X125R6H-D1	T820M080X125R6H-D1	M8 X 1,25	90	15	35	8,0	3	DIN 371	6H
—	T820M080X125R6G-D1	M8 X 1,25	90	15	35	8,0	3	DIN 371	6G
—	T820MF100X100R6H-D4	M10 X 1	90	15	35	7,0	3	DIN 374	6H
—	T820MF100X125R6H-D4	M10 X 1,25	100	18	39	7,0	3	DIN 374	6H
—	T820M100X150R6H-D6	M10 X 1,5	100	18	39	7,0	3	DIN 376	6H
T820M100X150R6H-D1	T820M100X150R6H-D1	M10 X 1,5	100	18	39	10,0	3	DIN 371	6H

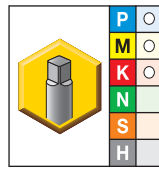
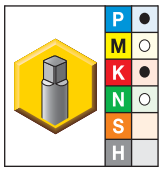
(continued)

# Multipurpose Taps

G0tap™ T820 Spiral-Point HSS-E Taps • Through Holes



(T820 • DIN 371, 374, and 376 • Form B Plug Chamfer • Metric — continued)



● first choice  
○ alternate choice

KSP32	KSP39	D1 size	metric dimensions				number of flutes	dimension standard	class of fit
			L	L3	L2	D			
—	T820M100X150R6G-D1	M10 X 1,5	100	18	39	10,0	3	DIN 371	6G
—	T820MF120X100R6H-D4	M12 X 1	100	21	39	9,0	3	DIN 374	6H
—	T820MF120X125R6H-D4	M12 X 1,25	100	21	39	9,0	3	DIN 374	6H
—	T820MF120X150R6H-D4	M12 X 1,5	100	21	39	9,0	3	DIN 374	6H
T820M120X175R6H-D6	T820M120X175R6H-D6	M12 X 1,75	110	21	44	9,0	3	DIN 376	6H
—	T820M120X175R6G-D6	M12 X 1,75	110	21	44	9,0	3	DIN 376	6G
—	T820MF140X100R6H-D4	M14 X 1	100	21	47	11,0	3	DIN 374	6H
—	T820MF140X125R6H-D4	M14 X 1,25	100	21	47	11,0	3	DIN 374	6H
—	T820MF140X150R6H-D4	M14 X 1,5	100	21	47	11,0	3	DIN 374	6H
T820M140X200R6H-D6	T820M140X200R6H-D6	M14 X 2	110	24	52	11,0	3	DIN 376	6H
—	T820M140X200R6G-D6	M14 X 2	110	24	52	11,0	3	DIN 376	6G
—	T820MF160X100R6H-D4	M16 X 1	100	21	46	12,0	3	DIN 374	6H
—	T820MF160X150R6H-D4	M16 X 1,5	100	21	46	12,0	3	DIN 374	6H
T820M160X200R6H-D6	T820M160X200R6H-D6	M16 X 2	110	24	51	12,0	3	DIN 376	6H
—	T820M160X200R6G-D6	M16 X 2	110	24	51	12,0	3	DIN 376	6G
—	T820MF180X150R6H-D4	M18 X 1,5	110	21	50	14,0	3	DIN 374	6H
—	T820MF180X200R6H-D4	M18 X 2	125	30	58	14,0	3	DIN 374	6H
T820M180X250R6H-D6	T820M180X250R6H-D6	M18 X 2,5	125	30	58	14,0	3	DIN 376	6H
—	T820MF200X150R6H-D4	M20 X 1,5	125	24	56	16,0	3	DIN 374	6H
—	T820MF200X200R6H-D4	M20 X 2	140	30	64	16,0	3	DIN 374	6H
T820M200X250R6H-D6	T820M200X250R6H-D6	M20 X 2,5	140	30	64	16,0	3	DIN 376	6H
—	T820MF220X150R6H-D4	M22 X 1,5	125	24	62	18,0	3	DIN 374	6H
—	T820MF220X200R6H-D4	M22 X 2	140	30	70	18,0	3	DIN 374	6H
—	T820M220X250R6H-D6	M22 X 2,5	140	30	70	18,0	3	DIN 376	6H
—	T820MF240X150R6H-D4	M24 X 1,5	140	28	67	18,0	3	DIN 374	6H
—	T820M240X300R6H-D6	M24 X 3	160	36	77	18,0	3	DIN 376	6H
—	T820M270X300R6H-D6	M27 X 3	160	36	82	20,0	4	DIN 376	6H
—	T820M300X350R6H-D6	M30 X 3,5	180	42	91	22,0	4	DIN 376	6H
—	T820M330X350R6H-D6	M33 X 3,5	180	42	100	25,0	4	DIN 376	6H
—	T820M360X400R6H-D6	M36 X 4	200	48	110	28,0	4	DIN 376	6H

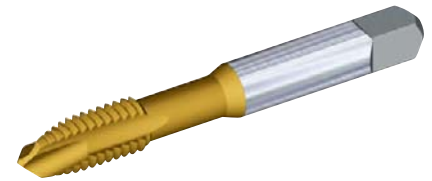
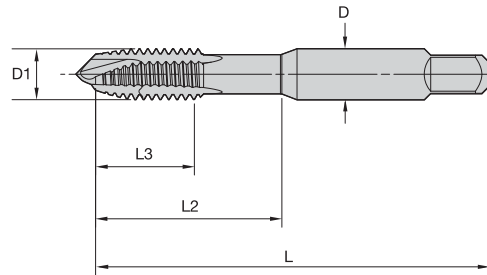
### Shank Tolerance

D mm	tolerance h9
1-3	+0, -0,025
>3-6	+0, -0,030
>6-10	+0, -0,036
>10-18	+0, -0,043
>18-30	+0, -0,052

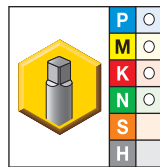
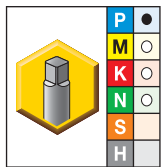
Tapping



- KSU31 TiN
- KSU30 bright



■ T820 • Form B Plug Chamfer • Metric • JIS



- first choice
- alternate choice

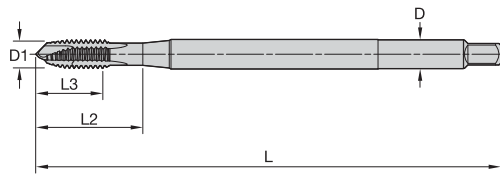
		metric dimensions				number of flutes	dimension standard	tap class
	D1 size	L	L3	L2	D			
KSU31	KSU30							
T820M030X050R6H-J	T820M030X050R6H-J	M3 X 0,5	46	11	19	4,0	2	JIS ISO 2
T820M040X070R6H-J	T820M040X070R6H-J	M4 X 0,7	52	13	21	5,0	2	JIS ISO 2
T820M050X080R6H-J	T820M050X080R6H-J	M5 X 0,8	60	16	24	5,5	2	JIS ISO 2
T820M060X100R6H-J	T820M060X100R6H-J	M6 X 1	62	19	29	6,0	3	JIS ISO 2
T820M080X125R6H-J	T820M080X125R6H-J	M8 X 1,25	70	22	37	6,2	3	JIS ISO 2
T820M100X150R6H-J	T820M100X150R6H-J	M10 X 1,5	75	24	41	7,0	3	JIS ISO 2
—	T820MF120X125R6H-J	M12 X 1,25	82	29	48	8,5	3	JIS ISO 2
—	T820MF120X150R6H-J	M12 X 1,5	82	29	48	8,5	3	JIS ISO 2
—	T820M120X175R6H-J	M12 X 1,75	82	29	48	8,5	3	JIS ISO 2
—	T820MF140X150R6H-J	M14 X 1,5	88	30	48	10,5	3	JIS ISO 2
—	T820M140X200R6H-J	M14 X 2	88	30	48	10,5	3	JIS ISO 2
—	T820MF160X150R6H-J	M16 X 1,5	95	32	52	12,5	3	JIS ISO 2
—	T820M160X200R6H-J	M16 X 2	95	32	52	12,5	3	JIS ISO 2
—	T820M180X250R6H-J	M18 X 2,5	100	37	55	14,0	3	JIS ISO 2
—	T820M200X250R6H-J	M20 X 2,5	105	37	60	15,0	3	JIS ISO 2

Shank Tolerance

D mm	tolerance h9
1-3	+0, -0,025
>3-6	+0, -0,030
>6-10	+0, -0,036
>10-18	+0, -0,043
>18-30	+0, -0,052

# Multipurpose Taps

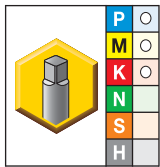
GOtap™ T820 Spiral-Point HSS-E Taps • Through Holes



## ■ T820 • Form B Plug Chamfer • Machine Screw and Fractional • 4" Length • ANSI



Tapping

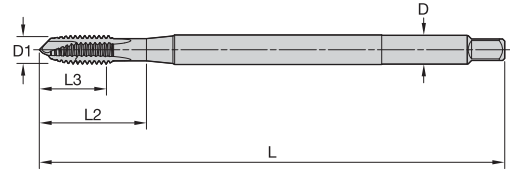


- first choice
- alternate choice

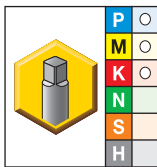
KSP39	D1 TPI	L	inch dimensions			D	number of flutes	pitch diameter limit
			L3	L2				
T820NC#04-40RH2-XL4	4 - 40	4.00	.56	.87	.141	2	H2	
T820NC#06-32RH3-XL4	6 - 32	4.00	.38	.71	.141	2	H3	
T820NC#08-32RH3-XL4	8 - 32	4.00	.38	.76	.168	2	H3	
T820NC#10-24RH4-XL4	10 - 24	4.00	.50	.91	.194	2	H3	
T820NF#10-32RH3-XL4	10 - 32	4.00	.50	.91	.194	2	H3	
T820NC02500-20RH3-XL4	1/4 - 20	4.00	.63	1.01	.255	3	H3	

### Shank Tolerance

D inch	tolerance
.141-.635	+0, -.0015
>.635-1.51	+0, -.0020
>1.51-2.01	+0, -.0030



■ T820 • Form B Plug Chamfer • Machine Screw and Fractional • 6" Length • ANSI



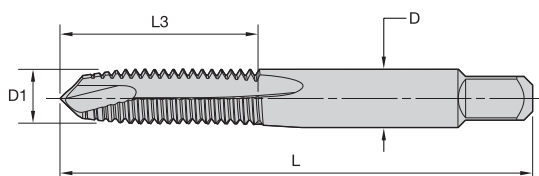
- first choice
- alternate choice

KSP39	D1 TPI	inch dimensions				D	number of flutes	pitch diameter limit
		L	L3	L2				
T820NC#04-40RH2-XL6	4 - 40	6.00	.56	.87	.141	2	H2	
T820NC#06-32RH3-XL6 *	6 - 32	6.00	.38	.71	.168	2	H3	
T820NC#08-32RH3-XL6	8 - 32	6.00	.38	.76	.168	2	H3	
T820NC#10-24RH3-XL6	10 - 24	6.00	.50	.91	.194	2	H3	
T820NF#10-32RH3-XL6	10 - 32	6.00	.50	.91	.194	2	H3	
T820NC02500-20RH3-XL6	1/4 - 20	6.00	.63	1.01	.255	3	H3	
T820NF02500-28RH3-XL6	1/4 - 28	6.00	.63	1.01	.255	3	H3	
T820NC03125-18RH3-XL6	5/16 - 18	6.00	.69	1.13	.318	3	H3	
T820NF03125-24RH3-XL6	5/16 - 24	6.00	.69	1.13	.318	3	H3	
T820NC03750-16RH3-XL6	3/8 - 16	6.00	.75	1.27	.381	3	H3	
T820NF03750-24RH3-XL6 *	3/8 - 24	6.00	.75	1.27	.381	3	H3	
T820NC04375-14RH3-XL6 *	7/16 - 14	6.00	.88	1.49	.323	3	H3	
T820NF04375-20RH3-XL6 *	7/16 - 20	6.00	.88	1.49	.323	3	H3	
T820NC05000-13RH3-XL6	1/2 - 13	6.00	.94	1.74	.367	3	H3	
T820NF05000-20RH3-XL6	1/2 - 20	6.00	.94	1.74	.367	3	H3	
T820NC06250-11RH3-XL6	5/8 - 11	6.00	1.09	1.89	.480	3	H3	

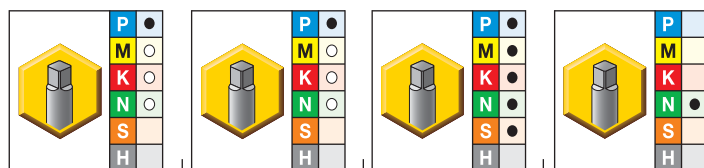
NOTE: \*Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

Shank Tolerance

D inch	tolerance
.141-.635	+0, -.0015
>.635-1.51	+0, -.0020
>1.51-2.01	+0, -.0030



■ KHSST Spiral Point • Machine Screw and Fractional Sizes • Plug Chamfer Tap

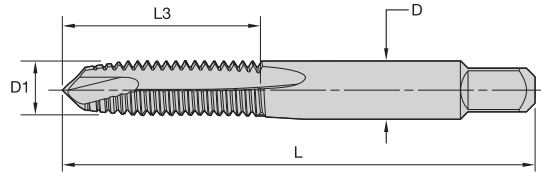


● first choice  
○ alternate choice

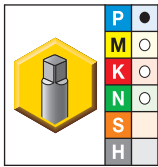
Tapping

	TiCN	TiN	oxide	uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
	KHSST28732	KHSST28733	—	KHSST28731	0 - 80	1.63	.31	.141	2	H2
	—	—	—	KHSST28757	1 - 72	1.69	.38	.141	2	H2
	—	KHSST09101	KHSST28252	KHSST08043	2 - 56	1.75	.44	.141	2	H2
	—	—	—	KHSST08061	3 - 48	1.81	.50	.141	2	H2
	KHSST28274	KHSST09103	KHSST28253	KHSST08090	4 - 40	1.88	.56	.141	2	H2
	—	—	—	KHSST08104	4 - 48	1.88	.56	.141	2	H2
	—	KHSST09104	—	KHSST08119	5 - 40	1.94	.63	.141	2	H2
	—	KHSST09105	KHSST28254	KHSST08156	6 - 32	2.00	.69	.141	2	H2
	KHSST28276	KHSST09106	KHSST28255	KHSST08157	6 - 32	2.00	.69	.141	2	H3
	—	—	—	KHSST08175	6 - 40	2.00	.69	.141	2	H2
	—	KHSST09108	KHSST28256	KHSST08203	8 - 32	2.13	.75	.168	2	H2
	KHSST28277	KHSST09109	KHSST28257	KHSST08205	8 - 32	2.13	.75	.168	2	H3
	—	—	—	KHSST28244 *	8 - 36	2.13	.75	.168	2	H2
	—	—	—	KHSST08243	10 - 24	2.38	.88	.194	2	H2
	KHSST09608	KHSST28113	KHSST28262	KHSST08245	10 - 24	2.38	.88	.194	2	H3
	—	KHSST09111	KHSST28263	KHSST08280	10 - 32	2.38	.88	.194	2	H2
	KHSST09609	KHSST09112	KHSST28264	KHSST08282	10 - 32	2.38	.88	.194	2	H3
	—	—	—	KHSST28248	10 - 32	2.38	.88	.194	2	H7
	—	KHSST09113	—	KHSST08296	12 - 24	2.38	.94	.220	2	H3
	—	KHSST09114	—	KHSST08331	1/4 - 20	2.50	1.00	.255	2	H2
	—	KHSST09115	KHSST28260	KHSST08332	1/4 - 20	2.50	1.00	.255	2	H3
	KHSST09611	KHSST09116	—	KHSST08334	1/4 - 20	2.50	1.00	.255	3	H3
	—	KHSST28111	—	KHSST08336	1/4 - 20	2.50	1.00	.255	2	H5
	—	KHSST28112	KHSST28261	KHSST08364	1/4 - 28	2.50	1.00	.255	2	H3
	—	KHSST09119	KHSST28267	KHSST08391	5/16 - 18	2.72	1.13	.318	2	H3
	KHSST28275	—	—	KHSST08393	5/16 - 18	2.72	1.13	.318	3	H3
	—	KHSST09120	KHSST28268	KHSST08419	5/16 - 24	2.72	1.13	.318	2	H3
	KHSST09615	KHSST09121	KHSST28266	KHSST08443	3/8 - 16	2.94	1.25	.381	3	H3
	—	—	—	KHSST08444	3/8 - 16	2.94	1.25	.381	3	H5
	—	KHSST09122	—	KHSST08467	3/8 - 24	2.94	1.25	.381	3	H3
	—	KHSST09123	KHSST28270	KHSST08484	7/16 - 14	3.16	1.44	.323	3	H3
	—	KHSST09124	KHSST28271	KHSST08498	7/16 - 20	3.16	1.44	.323	3	H3
	KHSST28272	KHSST09125	KHSST28258	KHSST08516	1/2 - 13	3.38	1.66	.367	3	H3
	—	—	—	KHSST28245	1/2 - 13	3.38	1.66	.367	3	H5
	—	KHSST09126	KHSST28259	KHSST08537	1/2 - 20	3.38	1.66	.367	3	H3
	KHSST28273	KHSST09127	KHSST28269	KHSST08566	5/8 - 11	3.81	1.81	.480	3	H3
	—	—	—	KHSST08578	5/8 - 18	3.81	1.81	.480	3	H3
	—	KHSST09128	KHSST28265	KHSST08599	3/4 - 10	4.25	2.00	.590	3	H3
	—	—	—	KHSST28249	3/4 - 10	4.25	2.00	.590	3	H5

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



■ KHSST Oversized Spiral Point • Fractional Sizes • Plug Chamfer Taps

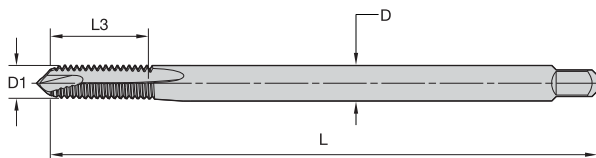


- first choice
- alternate choice

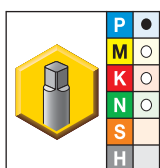
uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
KHSST28247	1/4 - 20	2.50	1.00	.255	2	H11
KHSST28251	5/16 - 18	2.72	1.13	.318	2	H11
KHSST28250	3/8 - 16	2.94	1.25	.381	3	H11
KHSST28246	1/2 - 13	3.38	1.66	.367	3	H11

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





■ KHSST Spiral Point 6" • Fractional Sizes • Plug Chamfer Taps

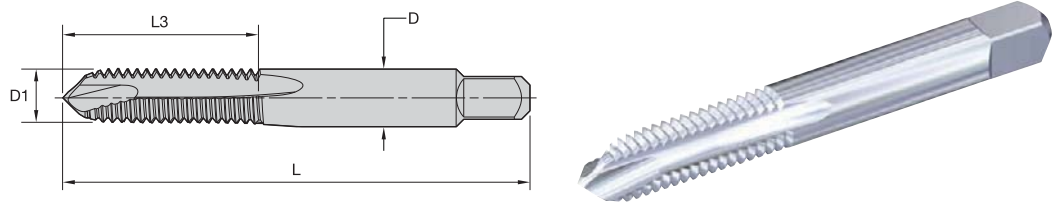


● first choice  
○ alternate choice

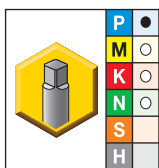
Tapping

uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
KHSST28776	6 - 32	6.00	.69	.141	2	H3
KHSST28784	8 - 32	6.00	.75	.168	2	H3
KHSST28737	10 - 24	6.00	.88	.194	2	H3
KHSST28744	10 - 32	6.00	.88	.194	2	H3
KHSST28072	1/4 - 20	6.00	1.00	.255	2	H3
KHSST28080 *	1/4 - 28	6.00	1.00	.255	2	H3
KHSST28209	5/16 - 18	6.00	1.13	.318	2	H3
KHSST28220 *	5/16 - 24	6.00	1.13	.318	2	H3
KHSST28192	3/8 - 16	6.00	1.25	.381	3	H3
KHSST28204	3/8 - 24	6.00	1.25	.381	3	H3

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



■ **KHSST Heavy-Duty Spiral Point • Machine Screw and Fractional • Plug Chamfer Taps**

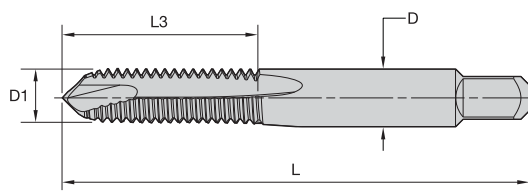


● first choice  
○ alternate choice

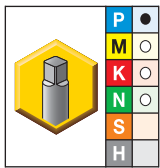
oxide/nitride	D1 size	L	L3	D	number of flutes	pitch diameter limit
KHSST28526	6 - 32	2.00	.69	.141	3	H3
KHSST28527	8 - 32	2.13	.75	.168	3	H3
KHSST28531	10 - 24	2.38	.88	.194	3	H3
KHSST28532	10 - 32	2.38	.88	.194	3	H3
KHSST28529	1/4 - 20	2.50	1.00	.255	3	H3
KHSST28534	5/16 - 18	2.72	1.13	.318	3	H3
KHSST28528	1/2 - 13	3.38	1.66	.367	3	H3
KHSST28228 *	5/8 - 11	3.81	1.81	.480	3	H3
KHSST28162	3/4 - 10	4.25	2.00	.590	3	H3

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





**KHSST Spiral Point • Machine Screw and Fractional • Bottoming-Chamfer Taps**



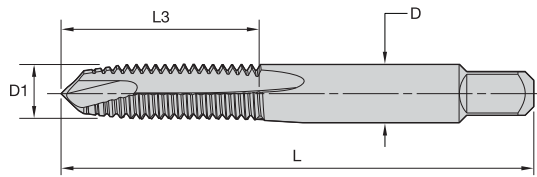
● first choice  
○ alternate choice

Tapping

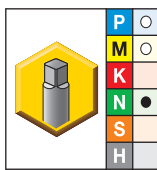
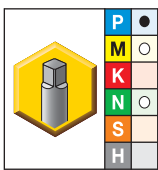
uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
KHSST28730	0 - 80	1.63	.31	.141	2	H2
KHSST08044	2 - 56	1.75	.44	.141	3	H2
KHSST08091	4 - 40	1.88	.56	.141	2	H2
KHSST08159	6 - 32	2.00	.69	.141	2	H2
KHSST08160	6 - 32	2.00	.69	.141	2	H3
KHSST08246	10 - 24	2.38	.88	.194	2	H3
KHSST28743	10 - 32	2.38	.88	.194	2	H2
KHSST08333	1/4 - 20	2.50	1.00	.255	2	H3
KHSST28219	5/16 - 24	2.72	1.13	.318	2	H3

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





■ KHSST Spiral Point • Plug Chamfer Taps • Metric ANSI



- first choice
- alternate choice

TiN	uncoated	D1 size	L	L3	D	number of flutes	pitch diameter limit
—	KHSST28681	M1,6 X 0,35	1.63	.31	.1410	2	D3
—	KHSST27711	M2 X 0,4	1.75	.44	.1410	2	D3
—	KHSST27719	M2,5 X 0,45	1.81	.50	.1410	2	D3
KHSST09129	KHSST27723	M3 X 0,5	1.94	.63	.1410	2	D3
KHSST09130	KHSST27731	M4 X 0,7	2.13	.75	.1680	2	D4
KHSST09131	KHSST27739	M5 X 0,8	2.38	.88	.1940	2	D4
KHSST09132	KHSST27743	M6 X 1	2.50	1.00	.2550	2	D5
KHSST09133	KHSST27751	M8 X 1,25	2.72	1.13	.3180	2	D5
KHSST28152	KHSST27759	M10 X 1,5	2.94	1.25	.3810	3	D6
KHSST09135	KHSST27767	M12 X 1,75	3.38	1.66	.3670	3	D6
—	KHSST28447	M14 X 2	3.59	1.66	.4290	3	D7
—	KHSST27787 *	M16 X 2	3.81	1.81	.4800	3	D6
—	KHSST28448	M16 X 2	3.81	1.81	.4800	3	D7
—	KHSST27798	M20 X 2,5	4.47	2.00	.6520	3	D7

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

