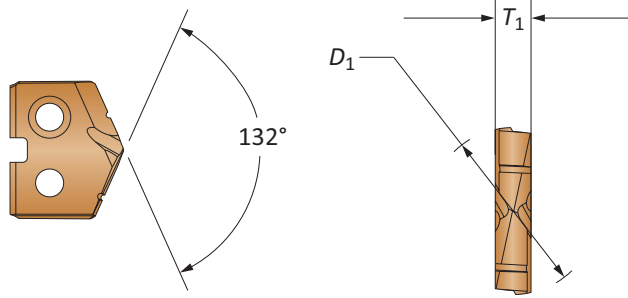






T-A Pro Carbide Drill Inserts

Z Series | Diameter Range: 11.10mm - 12.69mm (0.437" - 0.499")



Insert								
Series	D_1 mm	D_1 inch	Fractional Equivalent	T_1	Part No. P	Part No. K	Part No. N	Part No. M
Z-A	11.11	0.4374	7/16	3/32	TAPZ-11.11	TAKZ-11.11	TANZ-11.11	TAMZ-11.11
Z-A	11.20	0.4409		3/32	TAPZ-11.20	TAKZ-11.20	TANZ-11.20	TAMZ-11.20
Z-A	11.30	0.4449		3/32	TAPZ-11.30	TAKZ-11.30	TANZ-11.30	TAMZ-11.30
Z-A	11.40	0.4488		3/32	TAPZ-11.40	TAKZ-11.40	TANZ-11.40	TAMZ-11.40
Z-A	11.50	0.4528		3/32	TAPZ-11.50	TAKZ-11.50	TANZ-11.50	TAMZ-11.50
Z-A	11.51	0.4531	29/64	3/32	TAPZ-11.51	TAKZ-11.51	TANZ-11.51	TAMZ-11.51
Z-A	11.60	0.4567		3/32	TAPZ-11.60	TAKZ-11.60	TANZ-11.60	TAMZ-11.60
Z-A	11.70	0.4606		3/32	TAPZ-11.70	TAKZ-11.70	TANZ-11.70	TAMZ-11.70
Z-A	11.80	0.4646		3/32	TAPZ-11.80	TAKZ-11.80	TANZ-11.80	TAMZ-11.80
Z-A	11.91	0.4689	15/32	3/32	TAPZ-11.91	TAKZ-11.91	TANZ-11.91	TAMZ-11.91
Z-A	12.00	0.4724		3/32	TAPZ-12.00	TAKZ-12.00	TANZ-12.00	TAMZ-12.00
Z-A	12.10	0.4764		3/32	TAPZ-12.10	TAKZ-12.10	TANZ-12.10	TAMZ-12.10
Z-B	12.20	0.4803		3/32	TAPZ-12.20	TAKZ-12.20	TANZ-12.20	TAMZ-12.20
Z-B	12.30	0.4843	31/64	3/32	TAPZ-12.30	TAKZ-12.30	TANZ-12.30	TAMZ-12.30
Z-B	12.40	0.4882		3/32	TAPZ-12.40	TAKZ-12.40	TANZ-12.40	TAMZ-12.40
Z-B	12.50	0.4921		3/32	TAPZ-12.50	TAKZ-12.50	TANZ-12.50	TAMZ-12.50
Z-B	12.60	0.4961		3/32	TAPZ-12.60	TAKZ-12.60	TANZ-12.60	TAMZ-12.60

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



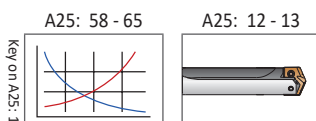
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder



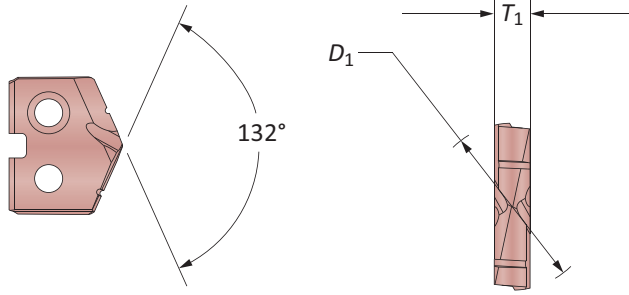
Sizes not shown are available upon request.


When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

Z Series | Diameter Range: 11.10mm - 12.69mm (0.437" - 0.499")



Insert					
Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Part No.
Z-A	11.11	0.4374	7/16	3/32	TAXZ-11.11
Z-A	11.20	0.4409		3/32	TAXZ-11.20
Z-A	11.30	0.4449		3/32	TAXZ-11.30
Z-A	11.40	0.4488		3/32	TAXZ-11.40
Z-A	11.50	0.4528		3/32	TAXZ-11.50
Z-A	11.51	0.4531	29/64	3/32	TAXZ-11.51
Z-A	11.60	0.4567		3/32	TAXZ-11.60
Z-A	11.70	0.4606		3/32	TAXZ-11.70
Z-A	11.80	0.4646		3/32	TAXZ-11.80
Z-A	11.91	0.4689	15/32	3/32	TAXZ-11.91
Z-A	12.00	0.4724		3/32	TAXZ-12.00
Z-A	12.10	0.4764		3/32	TAXZ-12.10
Z-B	12.20	0.4803		3/32	TAXZ-12.20
Z-B	12.30	0.4843	31/64	3/32	TAXZ-12.30
Z-B	12.40	0.4882		3/32	TAXZ-12.40
Z-B	12.50	0.4921		3/32	TAXZ-12.50
Z-B	12.60	0.4961		3/32	TAXZ-12.60

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



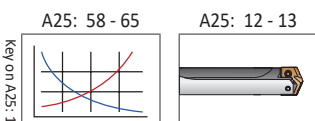
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



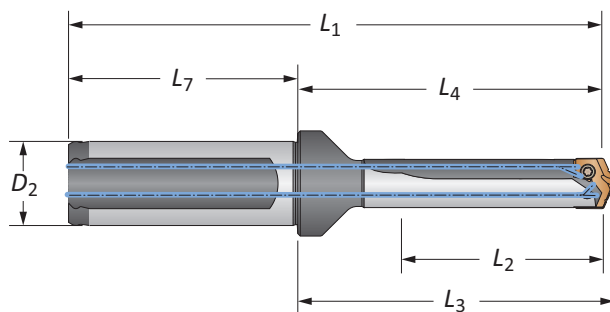
A Series Insert +
C Series Holder



Sizes not shown are available upon request. When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Drill Holders

Z Series Metric | Diameter Range: 11.10mm - 12.69mm



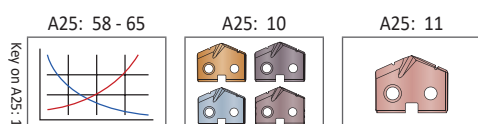
		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
STUB	A	12.8	40.7	43.4	90.7	50	20	Yes	HTAZA01-20FM	
STUB	A	12.8	40.7	43.4	90.7	50	20	No	HTAZA01-20CM	
STUB	B	12.8	40.7	43.4	90.7	50	20	Yes	HTAZB01-20FM	
STUB	B	12.8	40.7	43.4	90.7	50	20	No	HTAZB01-20CM	
3xD	A	36.9	68.4	71.2	118.4	50	20	Yes	HTAZA03-20FM	
3xD	A	36.9	68.4	71.2	118.4	50	20	No	HTAZA03-20CM	
3xD	B	36.9	68.4	71.2	118.4	50	20	Yes	HTAZB03-20FM	
3xD	B	36.9	68.4	71.2	118.4	50	20	No	HTAZB03-20CM	
5xD	A	61.0	92.5	95.3	142.5	50	20	Yes	HTAZA05-20FM	
5xD	A	61.0	92.5	95.3	142.5	50	20	No	HTAZA05-20CM	
5xD	B	61.0	92.5	95.3	142.5	50	20	Yes	HTAZB05-20FM	
5xD	B	61.0	92.5	95.3	142.5	50	20	No	HTAZB05-20CM	
7xD	A	85.0	116.5	119.3	166.6	50	20	Yes	HTAZA07-20FM	
7xD	A	85.0	116.5	119.3	166.6	50	20	No	HTAZA07-20CM	
7xD	B	85.0	116.5	119.3	166.6	50	20	Yes	HTAZB07-20FM	
7xD	B	85.0	116.5	119.3	166.6	50	20	No	HTAZB07-20CM	
10xD	A	121.2	152.7	155.5	202.7	50	20	Yes	HTAZA10-20FM	
10xD	A	121.2	152.7	155.5	202.7	50	20	No	HTAZA10-20CM	
10xD	B	121.2	152.7	155.5	202.7	50	20	Yes	HTAZB10-20FM	
10xD	B	121.2	152.7	155.5	202.7	50	20	No	HTAZB10-20CM	
12xD	A	145.2	176.7	179.5	226.8	50	20	Yes	HTAZA12-20FM	
12xD	A	145.2	176.7	179.5	226.8	50	20	No	HTAZA12-20CM	
12xD	B	145.2	176.7	179.5	226.8	50	20	Yes	HTAZB12-20FM	
12xD	B	145.2	176.7	179.5	226.8	50	20	No	HTAZB12-20CM	
15xD	A	181.4	212.9	215.7	262.9	50	20	Yes	HTAZA15-20FM	
15xD	A	181.4	212.9	215.7	262.9	50	20	No	HTAZA15-20CM	
15xD	B	181.4	212.9	215.7	262.9	50	20	Yes	HTAZB15-20FM	
15xD	B	181.4	212.9	215.7	262.9	50	20	No	HTAZB15-20CM	

Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
7247-IP7-1	7247N-IP7-1	8IP-7	8IP-7TL	8IP-7B	84 N-cm (7.4 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

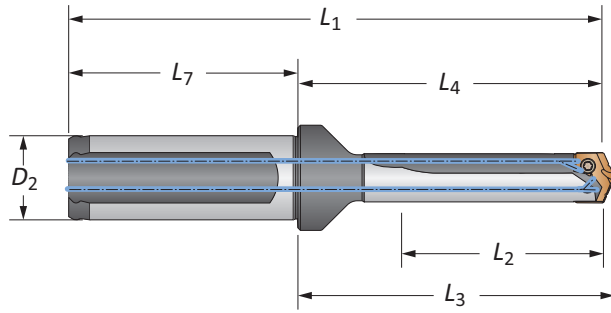


 = Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10



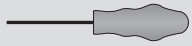


T-A Pro Drill Holders

Z Series Imperial | Diameter Range: 0.437" - 0.499"



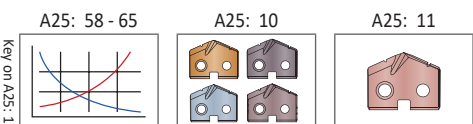
		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
STUB	A	0.504	1.600	1.710	3.630	2.03	3/4	Yes	HTAZA01-075F	
STUB	A	0.504	1.600	1.710	3.630	2.03	3/4	No	HTAZA01-075C	
STUB	B	0.504	1.600	1.710	3.630	2.03	3/4	Yes	HTAZB01-075F	
STUB	B	0.504	1.600	1.710	3.630	2.03	3/4	No	HTAZB01-075C	
3xD	A	1.452	2.693	2.803	4.723	2.03	3/4	Yes	HTAZA03-075F	
3xD	A	1.452	2.693	2.803	4.723	2.03	3/4	No	HTAZA03-075C	
3xD	B	1.452	2.693	2.803	4.723	2.03	3/4	Yes	HTAZB03-075F	
3xD	B	1.452	2.693	2.803	4.723	2.03	3/4	No	HTAZB03-075C	
5xD	A	2.400	3.641	3.751	5.671	2.03	3/4	Yes	HTAZA05-075F	
5xD	A	2.400	3.641	3.751	5.671	2.03	3/4	No	HTAZA05-075C	
5xD	B	2.400	3.641	3.751	5.671	2.03	3/4	Yes	HTAZB05-075F	
5xD	B	2.400	3.641	3.751	5.671	2.03	3/4	No	HTAZB05-075C	
7xD	A	3.348	4.589	4.699	6.619	2.03	3/4	Yes	HTAZA07-075F	
7xD	A	3.348	4.589	4.699	6.619	2.03	3/4	No	HTAZA07-075C	
7xD	B	3.348	4.589	4.699	6.619	2.03	3/4	Yes	HTAZB07-075F	
7xD	B	3.348	4.589	4.699	6.619	2.03	3/4	No	HTAZB07-075C	
10xD	A	4.770	6.011	6.121	8.041	2.03	3/4	Yes	HTAZA10-075F	
10xD	A	4.770	6.011	6.121	8.041	2.03	3/4	No	HTAZA10-075C	
10xD	B	4.770	6.011	6.121	8.041	2.03	3/4	Yes	HTAZB10-075F	
10xD	B	4.770	6.011	6.121	8.041	2.03	3/4	No	HTAZB10-075C	
12xD	A	5.718	6.959	7.069	8.989	2.03	3/4	Yes	HTAZA12-075F	
12xD	A	5.718	6.959	7.069	8.989	2.03	3/4	No	HTAZA12-075C	
12xD	B	5.718	6.959	7.069	8.989	2.03	3/4	Yes	HTAZB12-075F	
12xD	B	5.718	6.959	7.069	8.989	2.03	3/4	No	HTAZB12-075C	
15xD	A	7.140	8.381	8.491	10.411	2.03	3/4	Yes	HTAZA15-075F	
15xD	A	7.140	8.381	8.491	10.411	2.03	3/4	No	HTAZA15-075C	
15xD	B	7.140	8.381	8.491	10.411	2.03	3/4	Yes	HTAZB15-075F	
15xD	B	7.140	8.381	8.491	10.411	2.03	3/4	No	HTAZB15-075C	

Connection Accessories

					Admissible Tightening Torque*
7247-IP7-1	7247N-IP7-1	8IP-7	8IP-7TL	8IP-7B	

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

1. WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

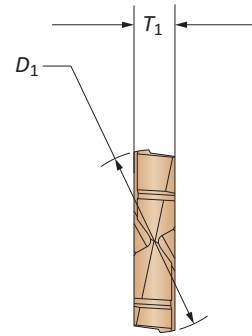
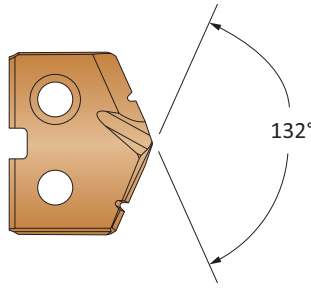






 = Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

T-A Pro Carbide Drill Inserts

0 Series | Diameter Range: 12.70mm - 17.64mm (0.500" - 0.694")



Insert								
Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Part No. P	Part No. K	Part No. N	Part No. M
0-A	12.70	0.5000	1/2	1/8	TAP0-12.70	TAK0-12.70	TAN0-12.70	TAM0-12.70
0-A	12.80	0.5039		1/8	TAP0-12.80	TAK0-12.80	TAN0-12.80	TAM0-12.80
0-A	12.90	0.5079		1/8	TAP0-12.90	TAK0-12.90	TAN0-12.90	TAM0-12.90
0-A	13.00	0.5118		1/8	TAP0-13.00	TAK0-13.00	TAN0-13.00	TAM0-13.00
0-A	13.10	0.5157	33/64	1/8	TAP0-13.10	TAK0-13.10	TAN0-13.10	TAM0-13.10
0-A	13.20	0.5197		1/8	TAP0-13.20	TAK0-13.20	TAN0-13.20	TAM0-13.20
0-A	13.30	0.5236		1/8	TAP0-13.30	TAK0-13.30	TAN0-13.30	TAM0-13.30
0-A	13.40	0.5276		1/8	TAP0-13.40	TAK0-13.40	TAN0-13.40	TAM0-13.40
0-A	13.49	0.5311	17/32	1/8	TAP0-13.49	TAK0-13.49	TAN0-13.49	TAM0-13.49
0-A	13.50	0.5315		1/8	TAP0-13.50	TAK0-13.50	TAN0-13.50	TAM0-13.50
0-A	13.60	0.5354		1/8	TAP0-13.60	TAK0-13.60	TAN0-13.60	TAM0-13.60
0-A	13.70	0.5394		1/8	TAP0-13.70	TAK0-13.70	TAN0-13.70	TAM0-13.70
0-A	13.80	0.5433		1/8	TAP0-13.80	TAK0-13.80	TAN0-13.80	TAM0-13.80
0-A	13.89	0.5469	35/64	1/8	TAP0-13.89	TAK0-13.89	TAN0-13.89	TAM0-13.89
0-B	14.00	0.5512		1/8	TAP0-14.00	TAK0-14.00	TAN0-14.00	TAM0-14.00
0-B	14.10	0.5551		1/8	TAP0-14.10	TAK0-14.10	TAN0-14.10	TAM0-14.10
0-B	14.20	0.5591		1/8	TAP0-14.20	TAK0-14.20	TAN0-14.20	TAM0-14.20
0-B	14.29	0.5626	9/16	1/8	TAP0-14.29	TAK0-14.29	TAN0-14.29	TAM0-14.29
0-B	14.40	0.5669		1/8	TAP0-14.40	TAK0-14.40	TAN0-14.40	TAM0-14.40
0-B	14.50	0.5709		1/8	TAP0-14.50	TAK0-14.50	TAN0-14.50	TAM0-14.50
0-B	14.60	0.5748		1/8	TAP0-14.60	TAK0-14.60	TAN0-14.60	TAM0-14.60
0-B	14.68	0.5780	37/64	1/8	TAP0-14.68	TAK0-14.68	TAN0-14.68	TAM0-14.68
0-B	14.80	0.5827		1/8	TAP0-14.80	TAK0-14.80	TAN0-14.80	TAM0-14.80
0-B	14.90	0.5866		1/8	TAP0-14.90	TAK0-14.90	TAN0-14.90	TAM0-14.90
0-B	15.00	0.5906		1/8	TAP0-15.00	TAK0-15.00	TAN0-15.00	TAM0-15.00

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



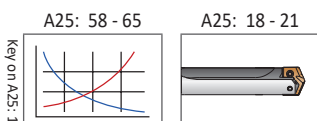
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



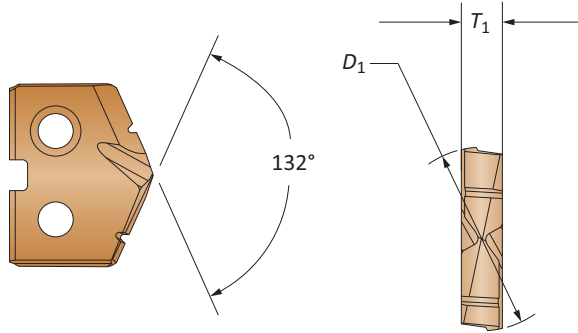
A Series Insert +
C Series Holder







Sizes not shown are available upon request.	
When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Carbide Drill Inserts

0 Series | Diameter Range: 12.70mm - 17.64mm (0.500" - 0.694")



Insert								
Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Part No. P	Part No. K	Part No. N	Part No. M
0-C	15.08	0.5937	19/32	1/8	TAP0-15.08	TAK0-15.08	TAN0-15.08	TAM0-15.08
0-C	15.20	0.5984		1/8	TAP0-15.20	TAK0-15.20	TAN0-15.20	TAM0-15.20
0-C	15.25	0.6004		1/8	TAP0-15.25	TAK0-15.25	TAN0-15.25	TAM0-15.25
0-C	15.30	0.6024		1/8	TAP0-15.30	TAK0-15.30	TAN0-15.30	TAM0-15.30
0-C	15.40	0.6063		1/8	TAP0-15.40	TAK0-15.40	TAN0-15.40	TAM0-15.40
0-C	15.48	0.6094	39/64	1/8	TAP0-15.48	TAK0-15.48	TAN0-15.48	TAM0-15.48
0-C	15.50	0.6102		1/8	TAP0-15.50	TAK0-15.50	TAN0-15.50	TAM0-15.50
0-C	15.60	0.6142		1/8	TAP0-15.60	TAK0-15.60	TAN0-15.60	TAM0-15.60
0-C	15.70	0.6181		1/8	TAP0-15.70	TAK0-15.70	TAN0-15.70	TAM0-15.70
0-C	15.80	0.6220		1/8	TAP0-15.80	TAK0-15.80	TAN0-15.80	TAM0-15.80
0-C	15.88	0.6252	5/8	1/8	TAP0-15.88	TAK0-15.88	TAN0-15.88	TAM0-15.88
0-C	16.00	0.6299		1/8	TAP0-16.00	TAK0-16.00	TAN0-16.00	TAM0-16.00
0-C	16.08	0.6331		1/8	TAP0-16.08	TAK0-16.08	TAN0-16.08	TAM0-16.08
0-C	16.20	0.6378		1/8	TAP0-16.20	TAK0-16.20	TAN0-16.20	TAM0-16.20
0-C	16.27	0.6406	41/64	1/8	TAP0-16.27	TAK0-16.27	TAN0-16.27	TAM0-16.27
0-C	16.40	0.6457		1/8	TAP0-16.40	TAK0-16.40	TAN0-16.40	TAM0-16.40
0-D	16.50	0.6496		1/8	TAP0-16.50	TAK0-16.50	TAN0-16.50	TAM0-16.50
0-D	16.60	0.6535		1/8	TAP0-16.60	TAK0-16.60	TAN0-16.60	TAM0-16.60
0-D	16.67	0.6563	21/32	1/8	TAP0-16.67	TAK0-16.67	TAN0-16.67	TAM0-16.67
0-D	16.80	0.6614		1/8	TAP0-16.80	TAK0-16.80	TAN0-16.80	TAM0-16.80
0-D	16.90	0.6654		1/8	TAP0-16.90	TAK0-16.90	TAN0-16.90	TAM0-16.90
0-D	17.00	0.6693		1/8	TAP0-17.00	TAK0-17.00	TAN0-17.00	TAM0-17.00
0-D	17.07	0.6720	43/64	1/8	TAP0-17.07	TAK0-17.07	TAN0-17.07	TAM0-17.07
0-D	17.10	0.6732		1/8	TAP0-17.10	TAK0-17.10	TAN0-17.10	TAM0-17.10
0-D	17.20	0.6772		1/8	TAP0-17.20	TAK0-17.20	TAN0-17.20	TAM0-17.20
0-D	17.30	0.6811		1/8	TAP0-17.30	TAK0-17.30	TAN0-17.30	TAM0-17.30
0-D	17.40	0.6850		1/8	TAP0-17.40	TAK0-17.40	TAN0-17.40	TAM0-17.40
0-D	17.46	0.6874	11/16	1/8	TAP0-17.46	TAK0-17.46	TAN0-17.46	TAM0-17.46
0-D	17.50	0.6890		1/8	TAP0-17.50	TAK0-17.50	TAN0-17.50	TAM0-17.50
0-D	17.60	0.6929		1/8	TAP0-17.60	TAK0-17.60	TAN0-17.60	TAM0-17.60

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



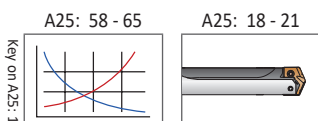
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



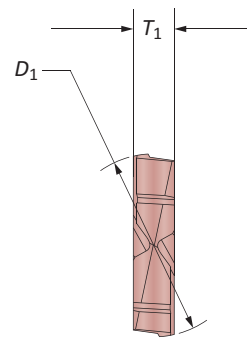
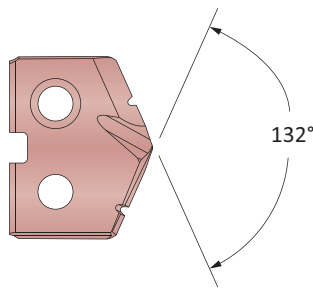
A Series Insert +
C Series Holder



Sizes not shown are available upon request. When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

0 Series | Diameter Range: 12.70mm - 17.64mm (0.500" - 0.694")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Insert
					Part No.
0-A	12.70	0.5000	1/2	1/8	TAX0-12.70
0-A	12.80	0.5039		1/8	TAX0-12.80
0-A	12.90	0.5079		1/8	TAX0-12.90
0-A	13.00	0.5118		1/8	TAX0-13.00
0-A	13.10	0.5157	33/64	1/8	TAX0-13.10
0-A	13.20	0.5197		1/8	TAX0-13.20
0-A	13.30	0.5236		1/8	TAX0-13.30
0-A	13.40	0.5276		1/8	TAX0-13.40
0-A	13.49	0.5311	17/32	1/8	TAX0-13.49
0-A	13.50	0.5315		1/8	TAX0-13.50
0-A	13.60	0.5354		1/8	TAX0-13.60
0-A	13.70	0.5394		1/8	TAX0-13.70
0-A	13.80	0.5433		1/8	TAX0-13.80
0-A	13.89	0.5469	35/64	1/8	TAX0-13.89
0-B	14.00	0.5512		1/8	TAX0-14.00
0-B	14.10	0.5551		1/8	TAX0-14.10
0-B	14.20	0.5591		1/8	TAX0-14.20
0-B	14.29	0.5626	9/16	1/8	TAX0-14.29
0-B	14.40	0.5669		1/8	TAX0-14.40
0-B	14.50	0.5709		1/8	TAX0-14.50
0-B	14.60	0.5748		1/8	TAX0-14.60
0-B	14.68	0.5780	37/64	1/8	TAX0-14.68
0-B	14.80	0.5827		1/8	TAX0-14.80
0-B	14.90	0.5866		1/8	TAX0-14.90
0-B	15.00	0.5906		1/8	TAX0-15.00

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



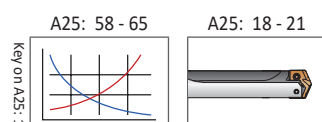
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

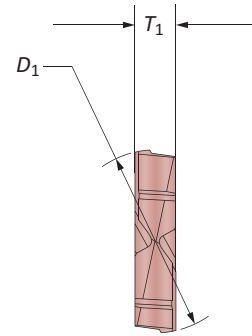
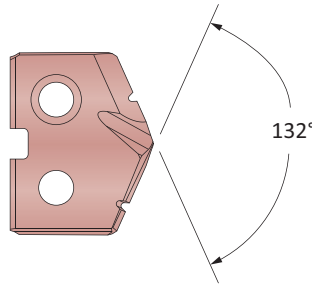



Sizes not shown are available upon request.
When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

0 Series | Diameter Range: 12.70mm - 17.64mm (0.500" - 0.694")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	
					Part No.
0-C	15.08	0.5937	19/32	1/8	TAX0-15.08
0-C	15.20	0.5984		1/8	TAX0-15.20
0-C	15.25	0.6004		1/8	TAX0-15.25
0-C	15.30	0.6024		1/8	TAX0-15.30
0-C	15.40	0.6063		1/8	TAX0-15.40
0-C	15.48	0.6094	39/64	1/8	TAX0-15.48
0-C	15.50	0.6102		1/8	TAX0-15.50
0-C	15.60	0.6142		1/8	TAX0-15.60
0-C	15.70	0.6181		1/8	TAX0-15.70
0-C	15.80	0.6220		1/8	TAX0-15.80
0-C	15.88	0.6252	5/8	1/8	TAX0-15.88
0-C	16.00	0.6299		1/8	TAX0-16.00
0-C	16.08	0.6331		1/8	TAX0-16.08
0-C	16.20	0.6378		1/8	TAX0-16.20
0-C	16.27	0.6406	41/64	1/8	TAX0-16.27
0-C	16.40	0.6457		1/8	TAX0-16.40
0-D	16.50	0.6496		1/8	TAX0-16.50
0-D	16.60	0.6535		1/8	TAX0-16.60
0-D	16.67	0.6563	21/32	1/8	TAX0-16.67
0-D	16.80	0.6614		1/8	TAX0-16.80
0-D	16.90	0.6654		1/8	TAX0-16.90
0-D	17.00	0.6693		1/8	TAX0-17.00
0-D	17.07	0.6720	43/64	1/8	TAX0-17.07
0-D	17.10	0.6732		1/8	TAX0-17.10
0-D	17.20	0.6772		1/8	TAX0-17.20
0-D	17.30	0.6811		1/8	TAX0-17.30
0-D	17.40	0.6850		1/8	TAX0-17.40
0-D	17.46	0.6874	11/16	1/8	TAX0-17.46
0-D	17.50	0.6890		1/8	TAX0-17.50
0-D	17.60	0.6929		1/8	TAX0-17.60

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



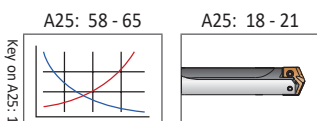
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

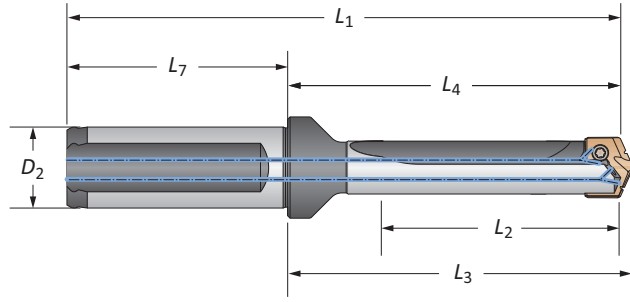


Sizes not shown are available upon request.	
When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

A
DRILLING
B
BORING
C
REAMING
D
BURNISHING
E
THREADING
X
SPECIALS

T-A Pro Drill Holders

0 Series Metric | Diameter Range: 12.70mm - 17.64mm



		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
STUB	A	15.3	44.0	46.7	95.5	51.6	20	Yes	HTA0A01-20FM	
STUB	A	15.3	44.0	46.7	95.5	51.6	20	No	HTA0A01-20CM	
STUB	B	15.3	44.0	46.7	95.5	51.6	20	Yes	HTA0B01-20FM	
STUB	B	15.3	44.0	46.7	95.5	51.6	20	No	HTA0B01-20CM	
STUB	C	15.3	44.0	46.7	95.5	51.6	20	Yes	HTA0C01-20FM	
STUB	C	15.3	44.0	46.7	95.5	51.6	20	No	HTA0C01-20CM	
STUB	D	15.3	44.0	46.7	95.5	51.6	20	Yes	HTA0D01-20FM	
STUB	D	15.3	44.0	46.7	95.5	51.6	20	No	HTA0D01-20CM	
3xD	A	45.9	77.8	80.5	129.4	51.6	20	Yes	HTA0A03-20FM	
3xD	A	45.9	77.8	80.5	129.4	51.6	20	No	HTA0A03-20CM	
3xD	B	45.9	77.8	80.5	129.4	51.6	20	Yes	HTA0B03-20FM	
3xD	B	45.9	77.8	80.5	129.4	51.6	20	No	HTA0B03-20CM	
3xD	C	45.9	77.8	80.5	129.4	51.6	20	Yes	HTA0C03-20FM	
3xD	C	45.9	77.8	80.5	129.4	51.6	20	No	HTA0C03-20CM	
3xD	D	45.9	77.8	80.5	129.4	51.6	20	Yes	HTA0D03-20FM	
3xD	D	45.9	77.8	80.5	129.4	51.6	20	No	HTA0D03-20CM	
5xD	A	76.6	108.5	111.2	160.0	51.6	20	Yes	HTA0A05-20FM	
5xD	A	76.6	108.5	111.2	160.0	51.6	20	No	HTA0A05-20CM	
5xD	B	76.6	108.5	111.2	160.0	51.6	20	Yes	HTA0B05-20FM	
5xD	B	76.6	108.5	111.2	160.0	51.6	20	No	HTA0B05-20CM	
5xD	C	76.6	108.5	111.2	160.0	51.6	20	Yes	HTA0C05-20FM	
5xD	C	76.6	108.5	111.2	160.0	51.6	20	No	HTA0C05-20CM	
5xD	D	76.6	108.5	111.2	160.0	51.6	20	Yes	HTA0D05-20FM	
5xD	D	76.6	108.5	111.2	160.0	51.6	20	No	HTA0D05-20CM	
7xD	A	107.2	139.1	141.8	190.7	51.6	20	Yes	HTA0A07-20FM	
7xD	A	107.2	139.1	141.8	190.7	51.6	20	No	HTA0A07-20CM	
7xD	B	107.2	139.1	141.8	190.7	51.6	20	Yes	HTA0B07-20FM	
7xD	B	107.2	139.1	141.8	190.7	51.6	20	No	HTA0B07-20CM	
7xD	C	107.2	139.1	141.8	190.7	51.6	20	Yes	HTA0C07-20FM	
7xD	C	107.2	139.1	141.8	190.7	51.6	20	No	HTA0C07-20CM	
7xD	D	107.2	139.1	141.8	190.7	51.6	20	Yes	HTA0D07-20FM	
7xD	D	107.2	139.1	141.8	190.7	51.6	20	No	HTA0D07-20CM	

Connection Accessories

	Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
A/B	72556-IP8-1	72556N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)
C/D	72567-IP8-1	72567N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

1. WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

A25: 58 - 65 A25: 14 - 15 A25: 16 - 17

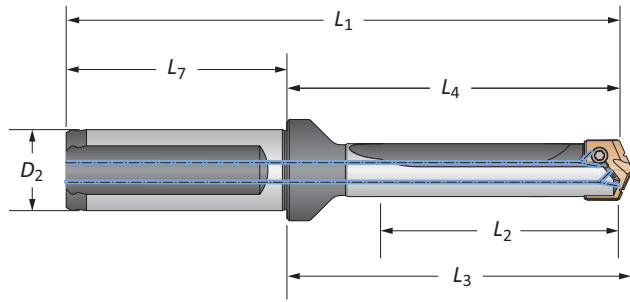
Key on A25: 1

M = Metric (mm)
 I = Imperial (in)

Screws sold in multiples of 10

T-A Pro Drill Holders

0 Series Metric | Diameter Range: 12.70mm - 17.64mm



Length	Sub Series	Body				Shank				Part No
		L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat		
10xD	A	153.2	185.0	187.8	236.6	51.6	20	Yes	HTA0A10-20FM	
10xD	A	153.2	185.0	187.8	236.6	51.6	20	No	HTA0A10-20CM	
10xD	B	153.2	185.0	187.8	236.6	51.6	20	Yes	HTA0B10-20FM	
10xD	B	153.2	185.0	187.8	236.6	51.6	20	No	HTA0B10-20CM	
10xD	C	153.2	185.0	187.8	236.6	51.6	20	Yes	HTA0C10-20FM	
10xD	C	153.2	185.0	187.8	236.6	51.6	20	No	HTA0C10-20CM	
10xD	D	153.2	185.0	187.8	236.6	51.6	20	Yes	HTA0D10-20FM	
10xD	D	153.2	185.0	187.8	236.6	51.6	20	No	HTA0D10-20CM	
12xD	A	183.8	215.7	218.4	267.2	51.6	20	Yes	HTA0A12-20FM	
12xD	A	183.8	215.7	218.4	267.2	51.6	20	No	HTA0A12-20CM	
12xD	B	183.8	215.7	218.4	267.2	51.6	20	Yes	HTA0B12-20FM	
12xD	B	183.8	215.7	218.4	267.2	51.6	20	No	HTA0B12-20CM	
12xD	C	183.8	215.7	218.4	267.2	51.6	20	Yes	HTA0C12-20FM	
12xD	C	183.8	215.7	218.4	267.2	51.6	20	No	HTA0C12-20CM	
12xD	D	183.8	215.7	218.4	267.2	51.6	20	Yes	HTA0D12-20FM	
12xD	D	183.8	215.7	218.4	267.2	51.6	20	No	HTA0D12-20CM	
15xD	A	229.7	261.6	264.3	313.2	51.6	20	Yes	HTA0A15-20FM	
15xD	A	229.7	261.6	264.3	313.2	51.6	20	No	HTA0A15-20CM	
15xD	B	229.7	261.6	264.3	313.2	51.6	20	Yes	HTA0B15-20FM	
15xD	B	229.7	261.6	264.3	313.2	51.6	20	No	HTA0B15-20CM	
15xD	C	229.7	261.6	264.3	313.2	51.6	20	Yes	HTA0C15-20FM	
15xD	C	229.7	261.6	264.3	313.2	51.6	20	No	HTA0C15-20CM	
15xD	D	229.7	261.6	264.3	313.2	51.6	20	Yes	HTA0D15-20FM	
15xD	D	229.7	261.6	264.3	313.2	51.6	20	No	HTA0D15-20CM	

Connection Accessories

	Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
A/B	72556-IP8-1	72556N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)
C/D	72567-IP8-1	72567N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

⚠ WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

A25: 58 - 65 A25: 14 - 15 A25: 16 - 17

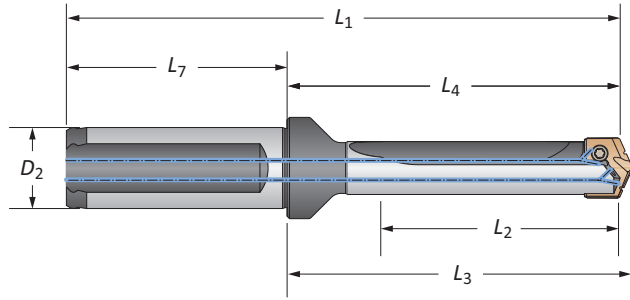
Key on A25: 1

= Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

T-A Pro Drill Holders

0 Series Imperial | Diameter Range: 0.500" - 0.694"



Body		Shank							
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No
STUB	A	0.603	1.731	1.838	3.761	2.03	3/4	Yes	HTA0A01-075F
STUB	A	0.603	1.731	1.838	3.761	2.03	3/4	No	HTA0A01-075C
STUB	B	0.603	1.731	1.838	3.761	2.03	3/4	Yes	HTA0B01-075F
STUB	B	0.603	1.731	1.838	3.761	2.03	3/4	No	HTA0B01-075C
STUB	C	0.603	1.731	1.838	3.761	2.03	3/4	Yes	HTA0C01-075F
STUB	C	0.603	1.731	1.838	3.761	2.03	3/4	No	HTA0C01-075C
STUB	D	0.603	1.731	1.838	3.761	2.03	3/4	Yes	HTA0D01-075F
STUB	D	0.603	1.731	1.838	3.761	2.03	3/4	No	HTA0D01-075C
3xD	A	1.809	3.064	3.171	5.094	2.03	3/4	Yes	HTA0A03-075F
3xD	A	1.809	3.064	3.171	5.094	2.03	3/4	No	HTA0A03-075C
3xD	B	1.809	3.064	3.171	5.094	2.03	3/4	Yes	HTA0B03-075F
3xD	B	1.809	3.064	3.171	5.094	2.03	3/4	No	HTA0B03-075C
3xD	C	1.809	3.064	3.171	5.094	2.03	3/4	Yes	HTA0C03-075F
3xD	C	1.809	3.064	3.171	5.094	2.03	3/4	No	HTA0C03-075C
3xD	D	1.809	3.064	3.171	5.094	2.03	3/4	Yes	HTA0D03-075F
3xD	D	1.809	3.064	3.171	5.094	2.03	3/4	No	HTA0D03-075C
5xD	A	3.015	4.270	4.377	6.300	2.03	3/4	Yes	HTA0A05-075F
5xD	A	3.015	4.270	4.377	6.300	2.03	3/4	No	HTA0A05-075C
5xD	B	3.015	4.270	4.377	6.300	2.03	3/4	Yes	HTA0B05-075F
5xD	B	3.015	4.270	4.377	6.300	2.03	3/4	No	HTA0B05-075C
5xD	C	3.015	4.270	4.377	6.300	2.03	3/4	Yes	HTA0C05-075F
5xD	C	3.015	4.270	4.377	6.300	2.03	3/4	No	HTA0C05-075C
5xD	D	3.015	4.270	4.377	6.300	2.03	3/4	Yes	HTA0D05-075F
5xD	D	3.015	4.270	4.377	6.300	2.03	3/4	No	HTA0D05-075C
7xD	A	4.221	5.476	5.583	7.506	2.03	3/4	Yes	HTA0A07-075F
7xD	A	4.221	5.476	5.583	7.506	2.03	3/4	No	HTA0A07-075C
7xD	B	4.221	5.476	5.583	7.506	2.03	3/4	Yes	HTA0B07-075F
7xD	B	4.221	5.476	5.583	7.506	2.03	3/4	No	HTA0B07-075C
7xD	C	4.221	5.476	5.583	7.506	2.03	3/4	Yes	HTA0C07-075F
7xD	C	4.221	5.476	5.583	7.506	2.03	3/4	No	HTA0C07-075C
7xD	D	4.221	5.476	5.583	7.506	2.03	3/4	Yes	HTA0D07-075F
7xD	D	4.221	5.476	5.583	7.506	2.03	3/4	No	HTA0D07-075C

Connection Accessories

	Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
A/B	72556-IP8-1	72556N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)
C/D	72567-IP8-1	72567N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

⚠ WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department. email: engineering.eu@alliedmachine.com

A25: 58 - 65

A25: 14 - 15

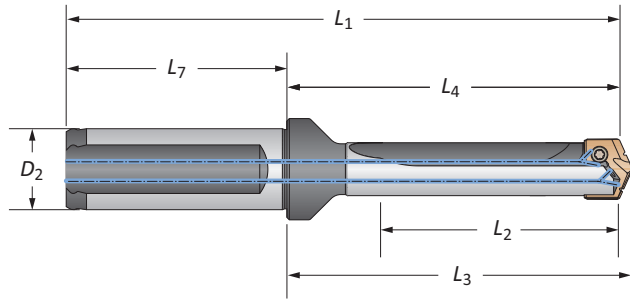
A25: 16 - 17

Ⓜ = Metric (mm)
Ⓢ = Imperial (in)

Screws sold in multiples of 10

T-A Pro Drill Holders

0 Series Imperial | Diameter Range: 0.500" - 0.694"



		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
10xD	A	6.030	7.285	7.392	9.315	2.03	3/4	Yes	HTA0A10-075F	
10xD	A	6.030	7.285	7.392	9.315	2.03	3/4	No	HTA0A10-075C	
10xD	B	6.030	7.285	7.392	9.315	2.03	3/4	Yes	HTA0B10-075F	
10xD	B	6.030	7.285	7.392	9.315	2.03	3/4	No	HTA0B10-075C	
10xD	C	6.030	7.285	7.392	9.315	2.03	3/4	Yes	HTA0C10-075F	
10xD	C	6.030	7.285	7.392	9.315	2.03	3/4	No	HTA0C10-075C	
10xD	D	6.030	7.285	7.392	9.315	2.03	3/4	Yes	HTA0D10-075F	
10xD	D	6.030	7.285	7.392	9.315	2.03	3/4	No	HTA0D10-075C	
12xD	A	7.236	8.491	8.598	10.521	2.03	3/4	Yes	HTA0A12-075F	
12xD	A	7.236	8.491	8.598	10.521	2.03	3/4	No	HTA0A12-075C	
12xD	B	7.236	8.491	8.598	10.521	2.03	3/4	Yes	HTA0B12-075F	
12xD	B	7.236	8.491	8.598	10.521	2.03	3/4	No	HTA0B12-075C	
12xD	C	7.236	8.491	8.598	10.521	2.03	3/4	Yes	HTA0C12-075F	
12xD	C	7.236	8.491	8.598	10.521	2.03	3/4	No	HTA0C12-075C	
12xD	D	7.236	8.491	8.598	10.521	2.03	3/4	Yes	HTA0D12-075F	
12xD	D	7.236	8.491	8.598	10.521	2.03	3/4	No	HTA0D12-075C	
15xD	A	9.045	10.300	10.407	12.330	2.03	3/4	Yes	HTA0A15-075F	
15xD	A	9.045	10.300	10.407	12.330	2.03	3/4	No	HTA0A15-075C	
15xD	B	9.045	10.300	10.407	12.330	2.03	3/4	Yes	HTA0B15-075F	
15xD	B	9.045	10.300	10.407	12.330	2.03	3/4	No	HTA0B15-075C	
15xD	C	9.045	10.300	10.407	12.330	2.03	3/4	Yes	HTA0C15-075F	
15xD	C	9.045	10.300	10.407	12.330	2.03	3/4	No	HTA0C15-075C	
15xD	D	9.045	10.300	10.407	12.330	2.03	3/4	Yes	HTA0D15-075F	
15xD	D	9.045	10.300	10.407	12.330	2.03	3/4	No	HTA0D15-075C	

Connection Accessories

	Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
A/B	72556-IP8-1	72556N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)
C/D	72567-IP8-1	72567N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

⚠ WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

A25: 58 - 65 A25: 14 - 15 A25: 16 - 17

Key on A25: 1

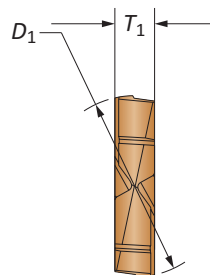
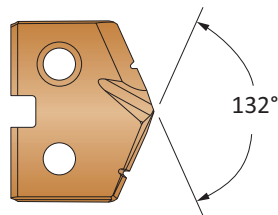
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



Screws sold in multiples of 10

A DRILLING
B BORING
C REAMING
D BURNISHING
E THREADING
X SPECIALS

T-A Pro Carbide Drill Inserts

1 Series | Diameter Range: 17.65mm - 24.37mm (0.695" - 0.959")



Series	Insert							
	D_1 mm	D_1 inch	Fractional Equivalent	T_1	Part No. P	Part No. K	Part No. N	Part No. M
1-A	17.70	0.6969		5/32	TAP1-17.70	TAK1-17.70	TAN1-17.70	TAM1-17.70
1-A	17.80	0.7008		5/32	TAP1-17.80	TAK1-17.80	TAN1-17.80	TAM1-17.80
1-A	17.86	0.7031	45/64	5/32	TAP1-17.86	TAK1-17.86	TAN1-17.86	TAM1-17.86
1-A	17.90	0.7047		5/32	TAP1-17.90	TAK1-17.90	TAN1-17.90	TAM1-17.90
1-A	18.00	0.7087		5/32	TAP1-18.00	TAK1-18.00	TAN1-18.00	TAM1-18.00
1-A	18.10	0.7126		5/32	TAP1-18.10	TAK1-18.10	TAN1-18.10	TAM1-18.10
1-A	18.20	0.7165		5/32	TAP1-18.20	TAK1-18.20	TAN1-18.20	TAM1-18.20
1-A	18.26	0.7189	23/32	5/32	TAP1-18.26	TAK1-18.26	TAN1-18.26	TAM1-18.26
1-A	18.30	0.7205		5/32	TAP1-18.30	TAK1-18.30	TAN1-18.30	TAM1-18.30
1-A	18.40	0.7244		5/32	TAP1-18.40	TAK1-18.40	TAN1-18.40	TAM1-18.40
1-A	18.50	0.7283		5/32	TAP1-18.50	TAK1-18.50	TAN1-18.50	TAM1-18.50
1-A	18.60	0.7323		5/32	TAP1-18.60	TAK1-18.60	TAN1-18.60	TAM1-18.60
1-A	18.65	0.7343	47/64	5/32	TAP1-18.65	TAK1-18.65	TAN1-18.65	TAM1-18.65
1-A	18.70	0.7362		5/32	TAP1-18.70	TAK1-18.70	TAN1-18.70	TAM1-18.70
1-A	18.80	0.7402		5/32	TAP1-18.80	TAK1-18.80	TAN1-18.80	TAM1-18.80
1-A	18.90	0.7441		5/32	TAP1-18.90	TAK1-18.90	TAN1-18.90	TAM1-18.90
1-A	19.00	0.7480		5/32	TAP1-19.00	TAK1-19.00	TAN1-19.00	TAM1-19.00

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



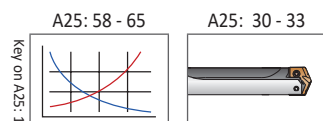
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

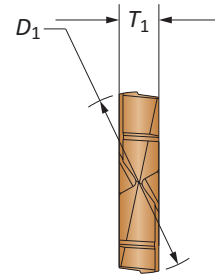
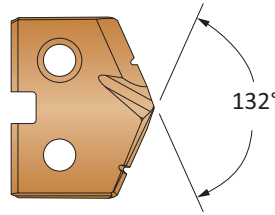






Sizes not shown are available upon request.
When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Carbide Drill Inserts

1 Series | Diameter Range: 17.65mm - 24.37mm (0.695" - 0.959")



Insert								
Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Part No. P	Part No. K	Part No. N	Part No. M
1-B	19.05	0.7500	3/4	5/32	TAP1-19.05	TAK1-19.05	TAN1-19.05	TAM1-19.05
1-B	19.10	0.7520		5/32	TAP1-19.10	TAK1-19.10	TAN1-19.10	TAM1-19.10
1-B	19.20	0.7559		5/32	TAP1-19.20	TAK1-19.20	TAN1-19.20	TAM1-19.20
1-B	19.25	0.7579		5/32	TAP1-19.25	TAK1-19.25	TAN1-19.25	TAM1-19.25
1-B	19.30	0.7598		5/32	TAP1-19.30	TAK1-19.30	TAN1-19.30	TAM1-19.30
1-B	19.40	0.7638		5/32	TAP1-19.40	TAK1-19.40	TAN1-19.40	TAM1-19.40
1-B	19.45	0.7657	49/64	5/32	TAP1-19.45	TAK1-19.45	TAN1-19.45	TAM1-19.45
1-B	19.50	0.7677		5/32	TAP1-19.50	TAK1-19.50	TAN1-19.50	TAM1-19.50
1-B	19.60	0.7717		5/32	TAP1-19.60	TAK1-19.60	TAN1-19.60	TAM1-19.60
1-B	19.70	0.7756		5/32	TAP1-19.70	TAK1-19.70	TAN1-19.70	TAM1-19.70
1-B	19.80	0.7795		5/32	TAP1-19.80	TAK1-19.80	TAN1-19.80	TAM1-19.80
1-B	19.84	0.7811	25/32	5/32	TAP1-19.84	TAK1-19.84	TAN1-19.84	TAM1-19.84
1-B	19.90	0.7835		5/32	TAP1-19.90	TAK1-19.90	TAN1-19.90	TAM1-19.90
1-B	20.00	0.7874		5/32	TAP1-20.00	TAK1-20.00	TAN1-20.00	TAM1-20.00
1-B	20.10	0.7913		5/32	TAP1-20.10	TAK1-20.10	TAN1-20.10	TAM1-20.10
1-B	20.20	0.7953		5/32	TAP1-20.20	TAK1-20.20	TAN1-20.20	TAM1-20.20
1-B	20.24	0.7969	51/64	5/32	TAP1-20.24	TAK1-20.24	TAN1-20.24	TAM1-20.24
1-B	20.30	0.7992		5/32	TAP1-20.30	TAK1-20.30	TAN1-20.30	TAM1-20.30
1-B	20.40	0.8031		5/32	TAP1-20.40	TAK1-20.40	TAN1-20.40	TAM1-20.40
1-B	20.50	0.8071		5/32	TAP1-20.50	TAK1-20.50	TAN1-20.50	TAM1-20.50

Inserts sold in multiples of 2

A
DRILLING
B
BORING
C
REAMING
D
BURNISHING
E
THREADING
X
SPECIALS

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



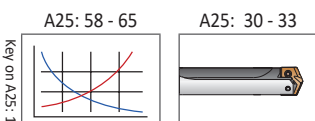
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



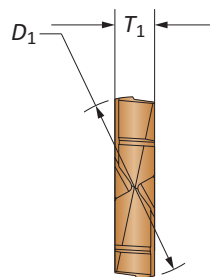
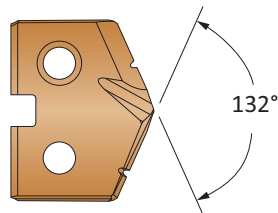
A Series Insert +
C Series Holder






Sizes not shown are available upon request.	
When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Carbide Drill Inserts

1 Series | Diameter Range: 17.65mm - 24.37mm (0.695" - 0.959")



Series	Insert				 Part No.	 Part No.	 Part No.	 Part No.
	D_1 mm	D_1 inch	Fractional Equivalent	T_1	P	K	N	M
1-C	20.60	0.8110		5/32	TAP1-20.60	TAK1-20.60	TAN1-20.60	TAM1-20.60
1-C	20.64	0.8126	13/16	5/32	TAP1-20.64	TAK1-20.64	TAN1-20.64	TAM1-20.64
1-C	20.70	0.8150		5/32	TAP1-20.70	TAK1-20.70	TAN1-20.70	TAM1-20.70
1-C	20.80	0.8189		5/32	TAP1-20.80	TAK1-20.80	TAN1-20.80	TAM1-20.80
1-C	20.90	0.8228		5/32	TAP1-20.90	TAK1-20.90	TAN1-20.90	TAM1-20.90
1-C	21.00	0.8268		5/32	TAP1-21.00	TAK1-21.00	TAN1-21.00	TAM1-21.00
1-C	21.10	0.8307		5/32	TAP1-21.10	TAK1-21.10	TAN1-21.10	TAM1-21.10
1-C	21.20	0.8346		5/32	TAP1-21.20	TAK1-21.20	TAN1-21.20	TAM1-21.20
1-C	21.30	0.8386		5/32	TAP1-21.30	TAK1-21.30	TAN1-21.30	TAM1-21.30
1-C	21.40	0.8425		5/32	TAP1-21.40	TAK1-21.40	TAN1-21.40	TAM1-21.40
1-C	21.43	0.8437	27/32	5/32	TAP1-21.43	TAK1-21.43	TAN1-21.43	TAM1-21.43
1-C	21.50	0.8465		5/32	TAP1-21.50	TAK1-21.50	TAN1-21.50	TAM1-21.50
1-C	21.60	0.8504		5/32	TAP1-21.60	TAK1-21.60	TAN1-21.60	TAM1-21.60
1-C	21.70	0.8543		5/32	TAP1-21.70	TAK1-21.70	TAN1-21.70	TAM1-21.70
1-C	21.80	0.8583		5/32	TAP1-21.80	TAK1-21.80	TAN1-21.80	TAM1-21.80
1-C	21.83	0.8594	55/64	5/32	TAP1-21.83	TAK1-21.83	TAN1-21.83	TAM1-21.83
1-C	21.90	0.8622		5/32	TAP1-21.90	TAK1-21.90	TAN1-21.90	TAM1-21.90
1-C	22.00	0.8661		5/32	TAP1-22.00	TAK1-22.00	TAN1-22.00	TAM1-22.00
1-C	22.10	0.8701		5/32	TAP1-22.10	TAK1-22.10	TAN1-22.10	TAM1-22.10
1-C	22.20	0.8740		5/32	TAP1-22.20	TAK1-22.20	TAN1-22.20	TAM1-22.20
1-C	22.23	0.8752	7/8	5/32	TAP1-22.23	TAK1-22.23	TAN1-22.23	TAM1-22.23
1-C	22.30	0.8780		5/32	TAP1-22.30	TAK1-22.30	TAN1-22.30	TAM1-22.30
1-C	22.40	0.8819		5/32	TAP1-22.40	TAK1-22.40	TAN1-22.40	TAM1-22.40
1-C	22.50	0.8858		5/32	TAP1-22.50	TAK1-22.50	TAN1-22.50	TAM1-22.50
1-C	22.62	0.8906	57/64	5/32	TAP1-22.62	TAK1-22.62	TAN1-22.62	TAM1-22.62
1-C	22.70	0.8937		5/32	TAP1-22.70	TAK1-22.70	TAN1-22.70	TAM1-22.70
1-C	22.80	0.8976		5/32	TAP1-22.80	TAK1-22.80	TAN1-22.80	TAM1-22.80

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



C Series Insert +
A Series Holder



C Series Insert +
C Series Holder

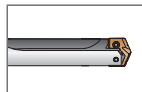
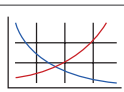


A Series Insert +
C Series Holder

A25: 58 - 65

A25: 30 - 33

Key on A25: 1



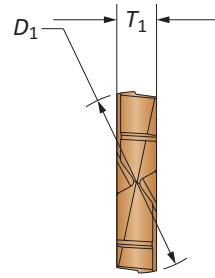
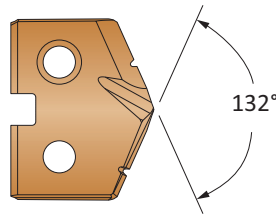
Sizes not shown are available upon request.





When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Carbide Drill Inserts

1 Series | Diameter Range: 17.65mm - 24.37mm (0.695" - 0.959")



Series	Insert							
	D_1 mm	D_1 inch	Fractional Equivalent	T_1	Part No. P	Part No. K	Part No. N	Part No. M
1-D	22.90	0.9016		5/32	TAP1-22.90	TAK1-22.90	TAN1-22.90	TAM1-22.90
1-D	23.00	0.9055		5/32	TAP1-23.00	TAK1-23.00	TAN1-23.00	TAM1-23.00
1-D	23.02	0.9063	29/32	5/32	TAP1-23.02	TAK1-23.02	TAN1-23.02	TAM1-23.02
1-D	23.10	0.9094		5/32	TAP1-23.10	TAK1-23.10	TAN1-23.10	TAM1-23.10
1-D	23.20	0.9134		5/32	TAP1-23.20	TAK1-23.20	TAN1-23.20	TAM1-23.20
1-D	23.30	0.9173		5/32	TAP1-23.30	TAK1-23.30	TAN1-23.30	TAM1-23.30
1-D	23.42	0.9220	59/64	5/32	TAP1-23.42	TAK1-23.42	TAN1-23.42	TAM1-23.42
1-D	23.50	0.9252		5/32	TAP1-23.50	TAK1-23.50	TAN1-23.50	TAM1-23.50
1-D	23.60	0.9291		5/32	TAP1-23.60	TAK1-23.60	TAN1-23.60	TAM1-23.60
1-D	23.70	0.9331		5/32	TAP1-23.70	TAK1-23.70	TAN1-23.70	TAM1-23.70
1-D	23.81	0.9374	15/16	5/32	TAP1-23.81	TAK1-23.81	TAN1-23.81	TAM1-23.81
1-D	23.90	0.9409		5/32	TAP1-23.90	TAK1-23.90	TAN1-23.90	TAM1-23.90
1-D	24.00	0.9449		5/32	TAP1-24.00	TAK1-24.00	TAN1-24.00	TAM1-24.00
1-D	24.10	0.9488		5/32	TAP1-24.10	TAK1-24.10	TAN1-24.10	TAM1-24.10
1-D	24.20	0.9528		5/32	TAP1-24.20	TAK1-24.20	TAN1-24.20	TAM1-24.20
1-D	24.30	0.9567		5/32	TAP1-24.30	TAK1-24.30	TAN1-24.30	TAM1-24.30

Inserts sold in multiples of 2

A

DRILLING

B

BORING

C

REAMING

D

BURNISHING

F

THREADING

X

SPECIALS

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



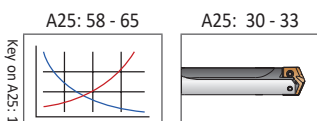
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



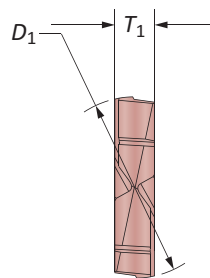
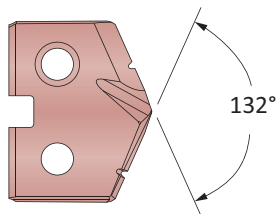
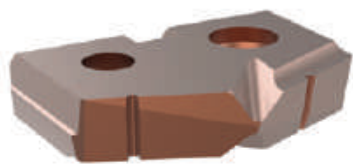
A Series Insert +
C Series Holder



Sizes not shown are available upon request.	
When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

1 Series | Diameter Range: 17.65mm - 24.37mm (0.695" - 0.959")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Insert
					Part No.
1-A	17.70	0.6969		5/32	TAX1-17.70
1-A	17.80	0.7008		5/32	TAX1-17.80
1-A	17.86	0.7031	45/64	5/32	TAX1-17.86
1-A	17.90	0.7047		5/32	TAX1-17.90
1-A	18.00	0.7087		5/32	TAX1-18.00
1-A	18.10	0.7126		5/32	TAX1-18.10
1-A	18.20	0.7165		5/32	TAX1-18.20
1-A	18.26	0.7189	23/32	5/32	TAX1-18.26
1-A	18.30	0.7205		5/32	TAX1-18.30
1-A	18.40	0.7244		5/32	TAX1-18.40
1-A	18.50	0.7283		5/32	TAX1-18.50
1-A	18.60	0.7323		5/32	TAX1-18.60
1-A	18.65	0.7343	47/64	5/32	TAX1-18.65
1-A	18.70	0.7362		5/32	TAX1-18.70
1-A	18.80	0.7402		5/32	TAX1-18.80
1-A	18.90	0.7441		5/32	TAX1-18.90
1-A	19.00	0.7480		5/32	TAX1-19.00

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



C Series Insert +
A Series Holder



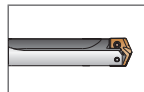
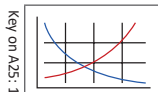
C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

A25: 58 - 65

A25: 30 - 33



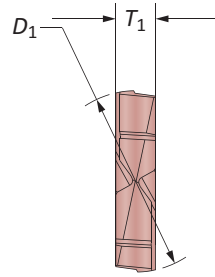
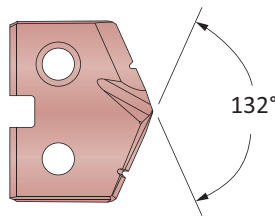
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
When ordering, please follow the example below:

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Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

1 Series | Diameter Range: 17.65mm - 24.37mm (0.695" - 0.959")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	
					Part No.
1-B	19.05	0.7500	3/4	5/32	TAX1-19.05
1-B	19.10	0.7520		5/32	TAX1-19.10
1-B	19.20	0.7559		5/32	TAX1-19.20
1-B	19.25	0.7579		5/32	TAX1-19.25
1-B	19.30	0.7598		5/32	TAX1-19.30
1-B	19.40	0.7638		5/32	TAX1-19.40
1-B	19.45	0.7657	49/64	5/32	TAX1-19.45
1-B	19.50	0.7677		5/32	TAX1-19.50
1-B	19.60	0.7717		5/32	TAX1-19.60
1-B	19.70	0.7756		5/32	TAX1-19.70
1-B	19.80	0.7795		5/32	TAX1-19.80
1-B	19.84	0.7811	25/32	5/32	TAX1-19.84
1-B	19.90	0.7835		5/32	TAX1-19.90
1-B	20.00	0.7874		5/32	TAX1-20.00
1-B	20.10	0.7913		5/32	TAX1-20.10
1-B	20.20	0.7953		5/32	TAX1-20.20
1-B	20.24	0.7969	51/64	5/32	TAX1-20.24
1-B	20.30	0.7992		5/32	TAX1-20.30
1-B	20.40	0.8031		5/32	TAX1-20.40
1-B	20.50	0.8071		5/32	TAX1-20.50

Inserts sold in multiples of 2

A

DRILLING

B

BORING

C

REAMING

D

BURNISHING

F

THREADING

X

SPECIALS

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



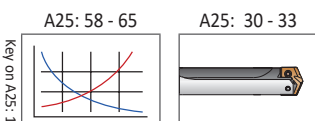
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



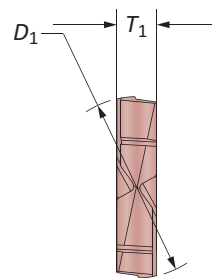
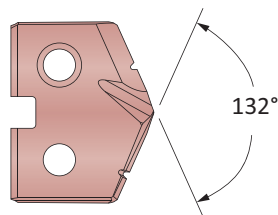
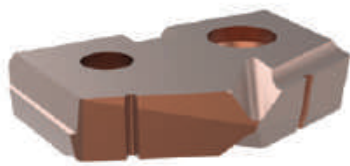
A Series Insert +
C Series Holder




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Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

1 Series | Diameter Range: 17.65mm - 24.37mm (0.695" - 0.959")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	 Part No.
					X
1-C	20.60	0.8110		5/32	TAX1-20.60
1-C	20.64	0.8126	13/16	5/32	TAX1-20.64
1-C	20.70	0.8150		5/32	TAX1-20.70
1-C	20.80	0.8189		5/32	TAX1-20.80
1-C	20.90	0.8228		5/32	TAX1-20.90
1-C	21.00	0.8268		5/32	TAX1-21.00
1-C	21.10	0.8307		5/32	TAX1-21.10
1-C	21.20	0.8346		5/32	TAX1-21.20
1-C	21.30	0.8386		5/32	TAX1-21.30
1-C	21.40	0.8425		5/32	TAX1-21.40
1-C	21.43	0.8437	27/32	5/32	TAX1-21.43
1-C	21.50	0.8465		5/32	TAX1-21.50
1-C	21.60	0.8504		5/32	TAX1-21.60
1-C	21.70	0.8543		5/32	TAX1-21.70
1-C	21.80	0.8583		5/32	TAX1-21.80
1-C	21.83	0.8594	55/64	5/32	TAX1-21.83
1-C	21.90	0.8622		5/32	TAX1-21.90
1-C	22.00	0.8661		5/32	TAX1-22.00
1-C	22.10	0.8701		5/32	TAX1-22.10
1-C	22.20	0.8740		5/32	TAX1-22.20
1-C	22.23	0.8752	7/8	5/32	TAX1-22.23
1-C	22.30	0.8780		5/32	TAX1-22.30
1-C	22.40	0.8819		5/32	TAX1-22.40
1-C	22.50	0.8858		5/32	TAX1-22.50
1-C	22.62	0.8906	57/34	5/32	TAX1-22.62
1-C	22.70	0.8937		5/32	TAX1-22.70
1-C	22.80	0.8976		5/32	TAX1-22.80

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

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A Series Insert +
A Series Holder



C Series Insert +
A Series Holder



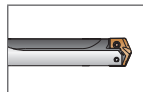
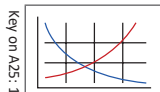
C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

A25: 58 - 65

A25: 30 - 33

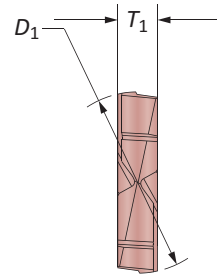
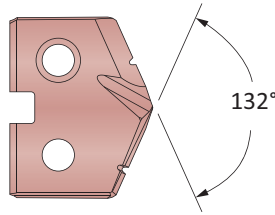



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Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

1 Series | Diameter Range: 17.65mm - 24.37mm (0.695" - 0.959")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	
					Part No.
1-D	22.90	0.9016		5/32	TAX1-22.90
1-D	23.00	0.9055		5/32	TAX1-23.00
1-D	23.02	0.9063	29/32	5/32	TAX1-23.02
1-D	23.10	0.9094		5/32	TAX1-23.10
1-D	23.20	0.9134		5/32	TAX1-23.20
1-D	23.30	0.9173		5/32	TAX1-23.30
1-D	23.42	0.9220	59/64	5/32	TAX1-23.42
1-D	23.50	0.9252		5/32	TAX1-23.50
1-D	23.60	0.9291		5/32	TAX1-23.60
1-D	23.70	0.9331		5/32	TAX1-23.70
1-D	23.81	0.9374	15/16	5/32	TAX1-23.81
1-D	23.90	0.9409		5/32	TAX1-23.90
1-D	24.00	0.9449		5/32	TAX1-24.00
1-D	24.10	0.9488		5/32	TAX1-24.10
1-D	24.20	0.9528		5/32	TAX1-24.20
1-D	24.30	0.9567		5/32	TAX1-24.30

Inserts sold in multiples of 2

A

DRILLING

B

BORING

C

REAMING

D

BURNISHING

F

THREADING

X

SPECIALS

Sub Series Holders (A, B, C, D)

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A Series Insert +
A Series Holder



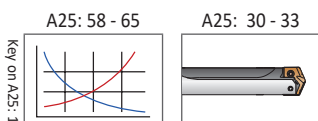
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



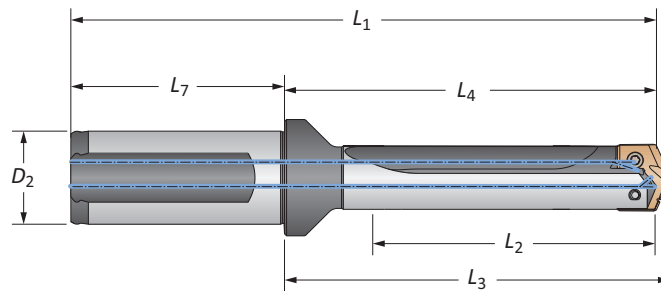
A Series Insert +
C Series Holder



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Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16




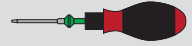
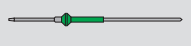
T-A Pro Drill Holders

1 Series Metric | Diameter Range: 17.65mm - 24.37mm



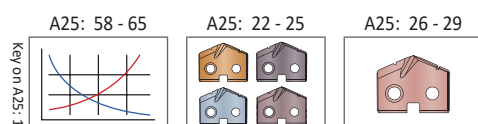
		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
STUB	A	21.0	56.5	60.0	114.4	57.9	25	Yes	HTA1A01-25FM	
STUB	A	21.0	56.5	60.0	114.4	57.9	25	No	HTA1A01-25CM	
STUB	B	21.0	56.5	60.0	114.4	57.9	25	Yes	HTA1B01-25FM	
STUB	B	21.0	56.5	60.0	114.4	57.9	25	No	HTA1B01-25CM	
STUB	C	21.0	56.5	60.0	114.4	57.9	25	Yes	HTA1C01-25FM	
STUB	C	21.0	56.5	60.0	114.4	57.9	25	No	HTA1C01-25CM	
STUB	D	21.0	56.5	60.0	114.4	57.9	25	Yes	HTA1D01-25FM	
STUB	D	21.0	56.5	60.0	114.4	57.9	25	No	HTA1D01-25CM	
3xD	A	62.9	100.9	104.5	158.8	57.9	25	Yes	HTA1A03-25FM	
3xD	A	62.9	100.9	104.5	158.8	57.9	25	No	HTA1A03-25CM	
3xD	B	62.9	100.9	104.5	158.8	57.9	25	Yes	HTA1B03-25FM	
3xD	B	62.9	100.9	104.5	158.8	57.9	25	No	HTA1B03-25CM	
3xD	C	62.9	100.9	104.5	158.8	57.9	25	Yes	HTA1C03-25FM	
3xD	C	62.9	100.9	104.5	158.8	57.9	25	No	HTA1C03-25CM	
3xD	D	62.9	100.9	104.5	158.8	57.9	25	Yes	HTA1D03-25FM	
3xD	D	62.9	100.9	104.5	158.8	57.9	25	No	HTA1D03-25CM	
5xD	A	104.8	142.8	146.4	200.7	57.9	25	Yes	HTA1A05-25FM	
5xD	A	104.8	142.8	146.4	200.7	57.9	25	No	HTA1A05-25CM	
5xD	B	104.8	142.8	146.4	200.7	57.9	25	Yes	HTA1B05-25FM	
5xD	B	104.8	142.8	146.4	200.7	57.9	25	No	HTA1B05-25CM	
5xD	C	104.8	142.8	146.4	200.7	57.9	25	Yes	HTA1C05-25FM	
5xD	C	104.8	142.8	146.4	200.7	57.9	25	No	HTA1C05-25CM	
5xD	D	104.8	142.8	146.4	200.7	57.9	25	Yes	HTA1D05-25FM	
5xD	D	104.8	142.8	146.4	200.7	57.9	25	No	HTA1D05-25CM	
7xD	A	146.7	184.7	188.3	242.7	57.9	25	Yes	HTA1A07-25FM	
7xD	A	146.7	184.7	188.3	242.7	57.9	25	No	HTA1A07-25CM	
7xD	B	146.7	184.7	188.3	242.7	57.9	25	Yes	HTA1B07-25FM	
7xD	B	146.7	184.7	188.3	242.7	57.9	25	No	HTA1B07-25CM	
7xD	C	146.7	184.7	188.3	242.7	57.9	25	Yes	HTA1C07-25FM	
7xD	C	146.7	184.7	188.3	242.7	57.9	25	No	HTA1C07-25CM	
7xD	D	146.7	184.7	188.3	242.7	57.9	25	Yes	HTA1D07-25FM	
7xD	D	146.7	184.7	188.3	242.7	57.9	25	No	HTA1D07-25CM	

Connection Accessories

	 Insert Screws	 Nylon Locking Screws	 Insert Driver	 Preset Torque Hand Driver	 Replacement Tips	Admissible Tightening Torque*
A/B	7375-IP9-1	7375N-IP9-1	8IP-9	8IP-9TL	8IP-9B	305 N-cm (27.0 in-lbs)
C/D	739-IP9-1	739N-IP9-1	8IP-9	8IP-9TL	8IP-9B	305 N-cm (27.0 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

1. WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com



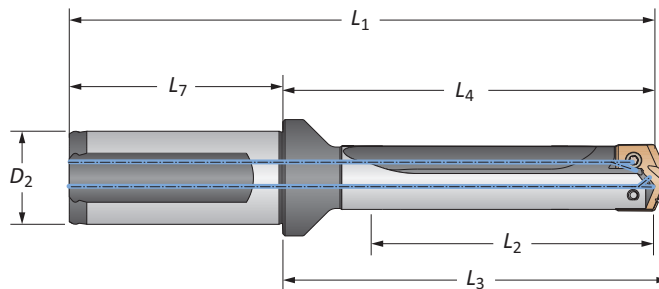
 = Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10



T-A Pro Drill Holders

1 Series Metric | Diameter Range: 17.65mm - 24.37mm



Length	Sub Series	Body				Shank				Part No
		L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat		
10xD	A	209.6	247.6	251.2	305.5	57.9	25	Yes	HTA1A10-25FM	
10xD	A	209.6	247.6	251.2	305.5	57.9	25	No	HTA1A10-25CM	
10xD	B	209.6	247.6	251.2	305.5	57.9	25	Yes	HTA1B10-25FM	
10xD	B	209.6	247.6	251.2	305.5	57.9	25	No	HTA1B10-25CM	
10xD	C	209.6	247.6	251.2	305.5	57.9	25	Yes	HTA1C10-25FM	
10xD	C	209.6	247.6	251.2	305.5	57.9	25	No	HTA1C10-25CM	
10xD	D	209.6	247.6	251.2	305.5	57.9	25	Yes	HTA1D10-25FM	
10xD	D	209.6	247.6	251.2	305.5	57.9	25	No	HTA1D10-25CM	
12xD	A	251.5	289.5	293.1	347.4	57.9	25	Yes	HTA1A12-25FM	
12xD	A	251.5	289.5	293.1	347.4	57.9	25	No	HTA1A12-25CM	
12xD	B	251.5	289.5	293.1	347.4	57.9	25	Yes	HTA1B12-25FM	
12xD	B	251.5	289.5	293.1	347.4	57.9	25	No	HTA1B12-25CM	
12xD	C	251.5	289.5	293.1	347.4	57.9	25	Yes	HTA1C12-25FM	
12xD	C	251.5	289.5	293.1	347.4	57.9	25	No	HTA1C12-25CM	
12xD	D	251.5	289.5	293.1	347.4	57.9	25	Yes	HTA1D12-25FM	
12xD	D	251.5	289.5	293.1	347.4	57.9	25	No	HTA1D12-25CM	
15xD	A	314.3	352.4	355.9	410.3	57.9	25	Yes	HTA1A15-25FM	
15xD	A	314.3	352.4	355.9	410.3	57.9	25	No	HTA1A15-25CM	
15xD	B	314.3	352.4	355.9	410.3	57.9	25	Yes	HTA1B15-25FM	
15xD	B	314.3	352.4	355.9	410.3	57.9	25	No	HTA1B15-25CM	
15xD	C	314.3	352.4	355.9	410.3	57.9	25	Yes	HTA1C15-25FM	
15xD	C	314.3	352.4	355.9	410.3	57.9	25	No	HTA1C15-25CM	
15xD	D	314.3	352.4	355.9	410.3	57.9	25	Yes	HTA1D15-25FM	
15xD	D	314.3	352.4	355.9	410.3	57.9	25	No	HTA1D15-25CM	

Connection Accessories

	Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
A/B	7375-IP9-1	7375N-IP9-1	8IP-9	8IP-9TL	8IP-9B	305 N-cm (27.0 in-lbs)
C/D	739-IP9-1	739N-IP9-1	8IP-9	8IP-9TL	8IP-9B	305 N-cm (27.0 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department. email: engineering.eu@alliedmachine.com

A25: 58 - 65 A25: 22 - 25 A25: 26 - 29

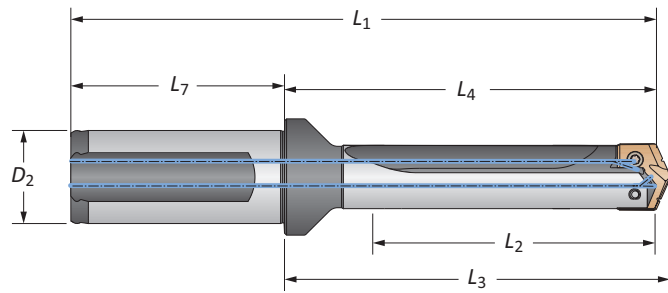
Ⓜ = Metric (mm)
Ⓢ = Imperial (in)

Screws sold in multiples of 10

A DRILLING
B BORING
C REAMING
D BURNISHING
E THREADING
X SPECIALS




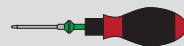

T-A Pro Drill Holders

1 Series Imperial | Diameter Range: 0.695" - 0.959"



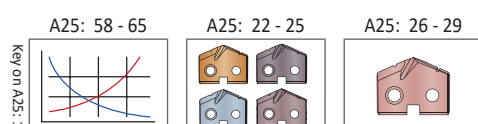
		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
STUB	A	0.825	2.224	2.364	4.504	2.280	1.00	Yes	HTA1A01-100F	
STUB	A	0.825	2.224	2.364	4.504	2.280	1.00	No	HTA1A01-100C	
STUB	B	0.825	2.224	2.364	4.504	2.280	1.00	Yes	HTA1B01-100F	
STUB	B	0.825	2.224	2.364	4.504	2.280	1.00	No	HTA1B01-100C	
STUB	C	0.825	2.224	2.364	4.504	2.280	1.00	Yes	HTA1C01-100F	
STUB	C	0.825	2.224	2.364	4.504	2.280	1.00	No	HTA1C01-100C	
STUB	D	0.825	2.224	2.364	4.504	2.280	1.00	Yes	HTA1D01-100F	
STUB	D	0.825	2.224	2.364	4.504	2.280	1.00	No	HTA1D01-100C	
3xD	A	2.475	3.973	4.113	6.253	2.280	1.00	Yes	HTA1A03-100F	
3xD	A	2.475	3.973	4.113	6.253	2.280	1.00	No	HTA1A03-100C	
3xD	B	2.475	3.973	4.113	6.253	2.280	1.00	Yes	HTA1B03-100F	
3xD	B	2.475	3.973	4.113	6.253	2.280	1.00	No	HTA1B03-100C	
3xD	C	2.475	3.973	4.113	6.253	2.280	1.00	Yes	HTA1C03-100F	
3xD	C	2.475	3.973	4.113	6.253	2.280	1.00	No	HTA1C03-100C	
3xD	D	2.475	3.973	4.113	6.253	2.280	1.00	Yes	HTA1D03-100F	
3xD	D	2.475	3.973	4.113	6.253	2.280	1.00	No	HTA1D03-100C	
5xD	A	4.125	5.623	5.763	7.903	2.280	1.00	Yes	HTA1A05-100F	
5xD	A	4.125	5.623	5.763	7.903	2.280	1.00	No	HTA1A05-100C	
5xD	B	4.125	5.623	5.763	7.903	2.280	1.00	Yes	HTA1B05-100F	
5xD	B	4.125	5.623	5.763	7.903	2.280	1.00	No	HTA1B05-100C	
5xD	C	4.125	5.623	5.763	7.903	2.280	1.00	Yes	HTA1C05-100F	
5xD	C	4.125	5.623	5.763	7.903	2.280	1.00	No	HTA1C05-100C	
5xD	D	4.125	5.623	5.763	7.903	2.280	1.00	Yes	HTA1D05-100F	
5xD	D	4.125	5.623	5.763	7.903	2.280	1.00	No	HTA1D05-100C	
7xD	A	5.775	7.273	7.413	9.553	2.280	1.00	Yes	HTA1A07-100F	
7xD	A	5.775	7.273	7.413	9.553	2.280	1.00	No	HTA1A07-100C	
7xD	B	5.775	7.273	7.413	9.553	2.280	1.00	Yes	HTA1B07-100F	
7xD	B	5.775	7.273	7.413	9.553	2.280	1.00	No	HTA1B07-100C	
7xD	C	5.775	7.273	7.413	9.553	2.280	1.00	Yes	HTA1C07-100F	
7xD	C	5.775	7.273	7.413	9.553	2.280	1.00	No	HTA1C07-100C	
7xD	D	5.775	7.273	7.413	9.553	2.280	1.00	Yes	HTA1D07-100F	
7xD	D	5.775	7.273	7.413	9.553	2.280	1.00	No	HTA1D07-100C	

Connection Accessories

	 Insert Screws	 Nylon Locking Screws	 Insert Driver	 Preset Torque Hand Driver	 Replacement Tips	Admissible Tightening Torque*
A/B	7375-IP9-1	7375N-IP9-1	8IP-9	8IP-9TL	8IP-9B	305 N-cm (27.0 in-lbs)
C/D	739-IP9-1	739N-IP9-1	8IP-9	8IP-9TL	8IP-9B	305 N-cm (27.0 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

1. WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

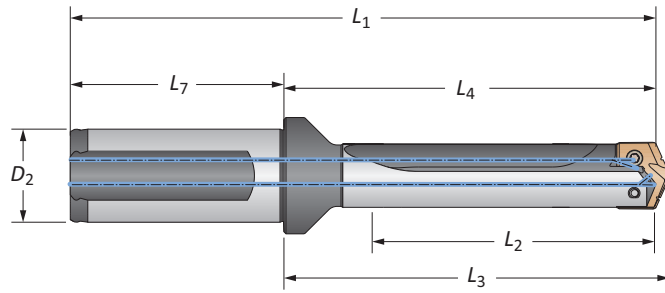


 = Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

T-A Pro Drill Holders

1 Series Imperial | Diameter Range: 0.695" - 0.959"



		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
10xD	A	8.250	9.748	9.888	12.028	2.280	1.00	Yes	HTA1A10-100F	
10xD	A	8.250	9.748	9.888	12.028	2.280	1.00	No	HTA1A10-100C	
10xD	B	8.250	9.748	9.888	12.028	2.280	1.00	Yes	HTA1B10-100F	
10xD	B	8.250	9.748	9.888	12.028	2.280	1.00	No	HTA1B10-100C	
10xD	C	8.250	9.748	9.888	12.028	2.280	1.00	Yes	HTA1C10-100F	
10xD	C	8.250	9.748	9.888	12.028	2.280	1.00	No	HTA1C10-100C	
10xD	D	8.250	9.748	9.888	12.028	2.280	1.00	Yes	HTA1D10-100F	
10xD	D	8.250	9.748	9.888	12.028	2.280	1.00	No	HTA1D10-100C	
12xD	A	9.900	11.398	11.538	13.678	2.280	1.00	Yes	HTA1A12-100F	
12xD	A	9.900	11.398	11.538	13.678	2.280	1.00	No	HTA1A12-100C	
12xD	B	9.900	11.398	11.538	13.678	2.280	1.00	Yes	HTA1B12-100F	
12xD	B	9.900	11.398	11.538	13.678	2.280	1.00	No	HTA1B12-100C	
12xD	C	9.900	11.398	11.538	13.678	2.280	1.00	Yes	HTA1C12-100F	
12xD	C	9.900	11.398	11.538	13.678	2.280	1.00	No	HTA1C12-100C	
12xD	D	9.900	11.398	11.538	13.678	2.280	1.00	Yes	HTA1D12-100F	
12xD	D	9.900	11.398	11.538	13.678	2.280	1.00	No	HTA1D12-100C	
15xD	A	12.375	13.873	14.013	16.153	2.280	1.00	Yes	HTA1A15-100F	
15xD	A	12.375	13.873	14.013	16.153	2.280	1.00	No	HTA1A15-100C	
15xD	B	12.375	13.873	14.013	16.153	2.280	1.00	Yes	HTA1B15-100F	
15xD	B	12.375	13.873	14.013	16.153	2.280	1.00	No	HTA1B15-100C	
15xD	C	12.375	13.873	14.013	16.153	2.280	1.00	Yes	HTA1C15-100F	
15xD	C	12.375	13.873	14.013	16.153	2.280	1.00	No	HTA1C15-100C	
15xD	D	12.375	13.873	14.013	16.153	2.280	1.00	Yes	HTA1D15-100F	
15xD	D	12.375	13.873	14.013	16.153	2.280	1.00	No	HTA1D15-100C	

1

A

DRILLING

B

BORING

C

REAMING

D

BURNISHING

F

THREADING

X

SPECIALS

Connection Accessories

	Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
A/B	7375-IP9-1	7375N-IP9-1	8IP-9	8IP-9TL	8IP-9B	305 N-cm (27.0 in-lbs)
C/D	739-IP9-1	739N-IP9-1	8IP-9	8IP-9TL	8IP-9B	305 N-cm (27.0 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

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A25: 58 - 65 A25: 22 - 25 A25: 26 - 29

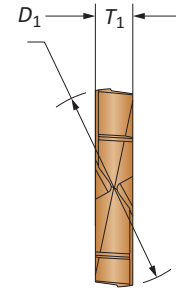
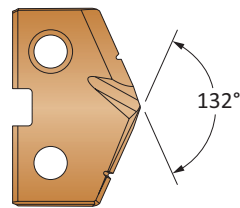
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



= Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

T-A Pro Carbide Drill Inserts

2 Series | Diameter Range: 24.38mm - 35.04mm (0.960" - 1.379")



Insert								
Series	D_1 mm	D_1 inch	Fractional Equivalent	T_1	Part No. P	Part No. K	Part No. N	Part No. M
2-A	24.40	0.9606		3/16	TAP2-24.40	TAK2-24.40	TAN2-24.40	TAM2-24.40
2-A	24.50	0.9646		3/16	TAP2-24.50	TAK2-24.50	TAN2-24.50	TAM2-24.50
2-A	24.61	0.9689	31/32	3/16	TAP2-24.61	TAK2-24.61	TAN2-24.61	TAM2-24.61
2-A	24.70	0.9724		3/16	TAP2-24.70	TAK2-24.70	TAN2-24.70	TAM2-24.70
2-A	24.80	0.9764		3/16	TAP2-24.80	TAK2-24.80	TAN2-24.80	TAM2-24.80
2-A	24.90	0.9803		3/16	TAP2-24.90	TAK2-24.90	TAN2-24.90	TAM2-24.90
2-A	25.00	0.9843	63/64	3/16	TAP2-25.00	TAK2-25.00	TAN2-25.00	TAM2-25.00
2-A	25.10	0.9882		3/16	TAP2-25.10	TAK2-25.10	TAN2-25.10	TAM2-25.10
2-A	25.20	0.9921		3/16	TAP2-25.20	TAK2-25.20	TAN2-25.20	TAM2-25.20
2-A	25.30	0.9961		3/16	TAP2-25.30	TAK2-25.30	TAN2-25.30	TAM2-25.30

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



C Series Insert +
A Series Holder



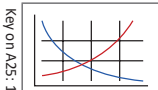
C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

A25: 58 - 65

A25: 42 - 45



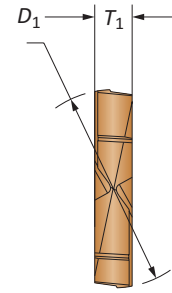
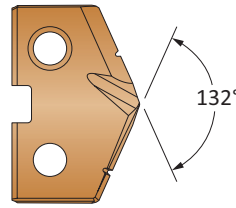
Sizes not shown are available upon request.





When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Carbide Drill Inserts

2 Series | Diameter Range: 24.38mm - 35.04mm (0.960" - 1.379")



Series	Insert							
	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Part No. P	Part No. K	Part No. N	Part No. M
2-B	25.40	1.0000	1	3/16	TAP2-25.40	TAK2-25.40	TAN2-25.40	TAM2-25.40
2-B	25.50	1.0039		3/16	TAP2-25.50	TAK2-25.50	TAN2-25.50	TAM2-25.50
2-B	25.60	1.0079		3/16	TAP2-25.60	TAK2-25.60	TAN2-25.60	TAM2-25.60
2-B	25.70	1.0118		3/16	TAP2-25.70	TAK2-25.70	TAN2-25.70	TAM2-25.70
2-B	25.78	1.0150		3/16	TAP2-25.78	TAK2-25.78	TAN2-25.78	TAM2-25.78
2-B	25.90	1.0197		3/16	TAP2-25.90	TAK2-25.90	TAN2-25.90	TAM2-25.90
2-B	26.00	1.0236		3/16	TAP2-26.00	TAK2-26.00	TAN2-26.00	TAM2-26.00
2-B	26.10	1.0276		3/16	TAP2-26.10	TAK2-26.10	TAN2-26.10	TAM2-26.10
2-B	26.20	1.0315	1-1/32	3/16	TAP2-26.20	TAK2-26.20	TAN2-26.20	TAM2-26.20
2-B	26.30	1.0354		3/16	TAP2-26.30	TAK2-26.30	TAN2-26.30	TAM2-26.30
2-B	26.40	1.0394		3/16	TAP2-26.40	TAK2-26.40	TAN2-26.40	TAM2-26.40
2-B	26.50	1.0433		3/16	TAP2-26.50	TAK2-26.50	TAN2-26.50	TAM2-26.50
2-B	26.57	1.0461		3/16	TAP2-26.57	TAK2-26.57	TAN2-26.57	TAM2-26.57
2-B	26.59	1.0469	1-3/64	3/16	TAP2-26.59	TAK2-26.59	TAN2-26.59	TAM2-26.59
2-B	26.60	1.0472		3/16	TAP2-26.60	TAK2-26.60	TAN2-26.60	TAM2-26.60
2-B	26.70	1.0512		3/16	TAP2-26.70	TAK2-26.70	TAN2-26.70	TAM2-26.70
2-B	26.80	1.0551		3/16	TAP2-26.80	TAK2-26.80	TAN2-26.80	TAM2-26.80
2-B	26.90	1.0591		3/16	TAP2-26.90	TAK2-26.90	TAN2-26.90	TAM2-26.90
2-B	26.99	1.0626	1-1/16	3/16	TAP2-26.99	TAK2-26.99	TAN2-26.99	TAM2-26.99
2-B	27.00	1.0630		3/16	TAP2-27.00	TAK2-27.00	TAN2-27.00	TAM2-27.00
2-B	27.10	1.0669		3/16	TAP2-27.10	TAK2-27.10	TAN2-27.10	TAM2-27.10
2-B	27.20	1.0709		3/16	TAP2-27.20	TAK2-27.20	TAN2-27.20	TAM2-27.20
2-B	27.30	1.0748		3/16	TAP2-27.30	TAK2-27.30	TAN2-27.30	TAM2-27.30
2-B	27.40	1.0787		3/16	TAP2-27.40	TAK2-27.40	TAN2-27.40	TAM2-27.40
2-B	27.50	1.0827		3/16	TAP2-27.50	TAK2-27.50	TAN2-27.50	TAM2-27.50
2-B	27.60	1.0866		3/16	TAP2-27.60	TAK2-27.60	TAN2-27.60	TAM2-27.60
2-B	27.70	1.0906		3/16	TAP2-27.70	TAK2-27.70	TAN2-27.70	TAM2-27.70
2-B	27.78	1.0937	1-3/32	3/16	TAP2-27.78	TAK2-27.78	TAN2-27.78	TAM2-27.78
2-B	27.90	1.0984		3/16	TAP2-27.90	TAK2-27.90	TAN2-27.90	TAM2-27.90
2-B	28.00	1.1024		3/16	TAP2-28.00	TAK2-28.00	TAN2-28.00	TAM2-28.00
2-B	28.10	1.1063		3/16	TAP2-28.10	TAK2-28.10	TAN2-28.10	TAM2-28.10
2-B	28.17	1.1091	1-7/64	3/16	TAP2-28.17	TAK2-28.17	TAN2-28.17	TAM2-28.17
2-B	28.20	1.1102		3/16	TAP2-28.20	TAK2-28.20	TAN2-28.20	TAM2-28.20
2-B	28.30	1.1142		3/16	TAP2-28.30	TAK2-28.30	TAN2-28.30	TAM2-28.30
2-B	28.40	1.1181		3/16	TAP2-28.40	TAK2-28.40	TAN2-28.40	TAM2-28.40

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert + A Series Holder



C Series Insert + A Series Holder



C Series Insert + C Series Holder

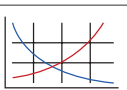


A Series Insert + C Series Holder

A25: 58 - 65

A25: 42 - 45

Key on A25: 1



Sizes not shown are available upon request.

When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

A

DRILLING

B

BORING

C

REAMING

D

BURNISHING

F

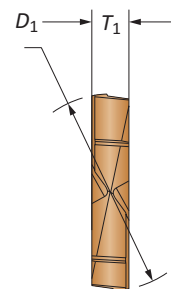
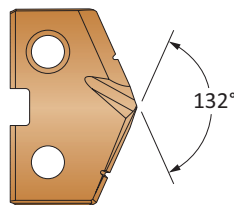
THREADING





X

SPECIALS

T-A Pro Carbide Drill Inserts

2 Series | Diameter Range: 24.38mm - 35.04mm (0.960" - 1.379")



Series	Insert							
	D_1 mm	D_1 inch	Fractional Equivalent	T_1	Part No. P	Part No. K	Part No. N	Part No. M
2-C	28.50	1.1220		3/16	TAP2-28.50	TAK2-28.50	TAN2-28.50	TAM2-28.50
2-C	28.58	1.1252	1-1/8	3/16	TAP2-28.58	TAK2-28.58	TAN2-28.58	TAM2-28.58
2-C	28.70	1.1299		3/16	TAP2-28.70	TAK2-28.70	TAN2-28.70	TAM2-28.70
2-C	28.80	1.1339		3/16	TAP2-28.80	TAK2-28.80	TAN2-28.80	TAM2-28.80
2-C	28.90	1.1378		3/16	TAP2-28.90	TAK2-28.90	TAN2-28.90	TAM2-28.90
2-C	29.00	1.1417		3/16	TAP2-29.00	TAK2-29.00	TAN2-29.00	TAM2-29.00
2-C	29.10	1.1457		3/16	TAP2-29.10	TAK2-29.10	TAN2-29.10	TAM2-29.10
2-C	29.20	1.1496		3/16	TAP2-29.20	TAK2-29.20	TAN2-29.20	TAM2-29.20
2-C	29.30	1.1535		3/16	TAP2-29.30	TAK2-29.30	TAN2-29.30	TAM2-29.30
2-C	29.37	1.1563	1-5/32	3/16	TAP2-29.37	TAK2-29.37	TAN2-29.37	TAM2-29.37
2-C	29.40	1.1575		3/16	TAP2-29.40	TAK2-29.40	TAN2-29.40	TAM2-29.40
2-C	29.50	1.1614		3/16	TAP2-29.50	TAK2-29.50	TAN2-29.50	TAM2-29.50
2-C	29.60	1.1654		3/16	TAP2-29.60	TAK2-29.60	TAN2-29.60	TAM2-29.60
2-C	29.70	1.1693		3/16	TAP2-29.70	TAK2-29.70	TAN2-29.70	TAM2-29.70
2-C	29.80	1.1732		3/16	TAP2-29.80	TAK2-29.80	TAN2-29.80	TAM2-29.80
2-C	29.90	1.1772		3/16	TAP2-29.90	TAK2-29.90	TAN2-29.90	TAM2-29.90
2-C	30.00	1.1811		3/16	TAP2-30.00	TAK2-30.00	TAN2-30.00	TAM2-30.00
2-C	30.10	1.1850		3/16	TAP2-30.10	TAK2-30.10	TAN2-30.10	TAM2-30.10
2-C	30.16	1.1874	1-3/16	3/16	TAP2-30.16	TAK2-30.16	TAN2-30.16	TAM2-30.16
2-C	30.20	1.1890		3/16	TAP2-30.20	TAK2-30.20	TAN2-30.20	TAM2-30.20
2-C	30.30	1.1929		3/16	TAP2-30.30	TAK2-30.30	TAN2-30.30	TAM2-30.30
2-C	30.40	1.1969		3/16	TAP2-30.40	TAK2-30.40	TAN2-30.40	TAM2-30.40
2-C	30.50	1.2008		3/16	TAP2-30.50	TAK2-30.50	TAN2-30.50	TAM2-30.50
2-C	30.60	1.2047		3/16	TAP2-30.60	TAK2-30.60	TAN2-30.60	TAM2-30.60
2-C	30.70	1.2087		3/16	TAP2-30.70	TAK2-30.70	TAN2-30.70	TAM2-30.70
2-C	30.80	1.2126		3/16	TAP2-30.80	TAK2-30.80	TAN2-30.80	TAM2-30.80
2-C	30.90	1.2165		3/16	TAP2-30.90	TAK2-30.90	TAN2-30.90	TAM2-30.90
2-C	30.96	1.2189	1-7/32	3/16	TAP2-30.96	TAK2-30.96	TAN2-30.96	TAM2-30.96
2-C	31.00	1.2205		3/16	TAP2-31.00	TAK2-31.00	TAN2-31.00	TAM2-31.00
2-C	31.10	1.2244		3/16	TAP2-31.10	TAK2-31.10	TAN2-31.10	TAM2-31.10
2-C	31.20	1.2283		3/16	TAP2-31.20	TAK2-31.20	TAN2-31.20	TAM2-31.20
2-C	31.30	1.2323		3/16	TAP2-31.30	TAK2-31.30	TAN2-31.30	TAM2-31.30
2-C	31.40	1.2362		3/16	TAP2-31.40	TAK2-31.40	TAN2-31.40	TAM2-31.40
2-C	31.50	1.2402		3/16	TAP2-31.50	TAK2-31.50	TAN2-31.50	TAM2-31.50
2-C	31.60	1.2441		3/16	TAP2-31.60	TAK2-31.60	TAN2-31.60	TAM2-31.60

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

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A Series Insert +
A Series Holder



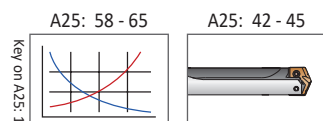
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

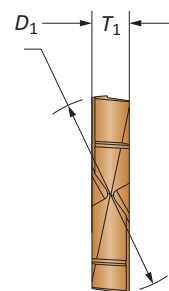
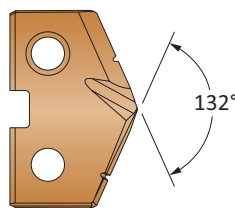


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Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Carbide Drill Inserts

2 Series | Diameter Range: 24.38mm - 35.04mm (0.960" - 1.379")



Series	Insert							
	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Part No. P	Part No. K	Part No. N	Part No. M
2-D	31.70	1.2480		3/16	TAP2-31.70	TAK2-31.70	TAN2-31.70	TAM2-31.70
2-D	31.75	1.2500	1-1/4	3/16	TAP2-31.75	TAK2-31.75	TAN2-31.75	TAM2-31.75
2-D	31.80	1.2520		3/16	TAP2-31.80	TAK2-31.80	TAN2-31.80	TAM2-31.80
2-D	31.90	1.2559		3/16	TAP2-31.90	TAK2-31.90	TAN2-31.90	TAM2-31.90
2-D	32.00	1.2598		3/16	TAP2-32.00	TAK2-32.00	TAN2-32.00	TAM2-32.00
2-D	32.10	1.2638		3/16	TAP2-32.10	TAK2-32.10	TAN2-32.10	TAM2-32.10
2-D	32.15	1.2657	1-17/64	3/16	TAP2-32.15	TAK2-32.15	TAN2-32.15	TAM2-32.15
2-D	32.20	1.2677		3/16	TAP2-32.20	TAK2-32.20	TAN2-32.20	TAM2-32.20
2-D	32.30	1.2717		3/16	TAP2-32.30	TAK2-32.30	TAN2-32.30	TAM2-32.30
2-D	32.40	1.2756		3/16	TAP2-32.40	TAK2-32.40	TAN2-32.40	TAM2-32.40
2-D	32.50	1.2795		3/16	TAP2-32.50	TAK2-32.50	TAN2-32.50	TAM2-32.50
2-D	32.55	1.2815	1-9/32	3/16	TAP2-32.55	TAK2-32.55	TAN2-32.55	TAM2-32.55
2-D	32.60	1.2835		3/16	TAP2-32.60	TAK2-32.60	TAN2-32.60	TAM2-32.60
2-D	32.70	1.2874		3/16	TAP2-32.70	TAK2-32.70	TAN2-32.70	TAM2-32.70
2-D	32.80	1.2913		3/16	TAP2-32.80	TAK2-32.80	TAN2-32.80	TAM2-32.80
2-D	32.90	1.2953		3/16	TAP2-32.90	TAK2-32.90	TAN2-32.90	TAM2-32.90
2-D	33.00	1.2992		3/16	TAP2-33.00	TAK2-33.00	TAN2-33.00	TAM2-33.00
2-D	33.10	1.3031		3/16	TAP2-33.10	TAK2-33.10	TAN2-33.10	TAM2-33.10
2-D	33.20	1.3071		3/16	TAP2-33.20	TAK2-33.20	TAN2-33.20	TAM2-33.20
2-D	33.30	1.3110		3/16	TAP2-33.30	TAK2-33.30	TAN2-33.30	TAM2-33.30
2-D	33.34	1.3126	1-5/16	3/16	TAP2-33.34	TAK2-33.34	TAN2-33.34	TAM2-33.34
2-D	33.40	1.3150		3/16	TAP2-33.40	TAK2-33.40	TAN2-33.40	TAM2-33.40
2-D	33.50	1.3189		3/16	TAP2-33.50	TAK2-33.50	TAN2-33.50	TAM2-33.50
2-D	33.60	1.3228		3/16	TAP2-33.60	TAK2-33.60	TAN2-33.60	TAM2-33.60
2-D	33.70	1.3268		3/16	TAP2-33.70	TAK2-33.70	TAN2-33.70	TAM2-33.70
2-D	33.80	1.3307		3/16	TAP2-33.80	TAK2-33.80	TAN2-33.80	TAM2-33.80
2-D	33.90	1.3346		3/16	TAP2-33.90	TAK2-33.90	TAN2-33.90	TAM2-33.90
2-D	34.00	1.3386		3/16	TAP2-34.00	TAK2-34.00	TAN2-34.00	TAM2-34.00
2-D	34.10	1.3425		3/16	TAP2-34.10	TAK2-34.10	TAN2-34.10	TAM2-34.10
2-D	34.13	1.3437	1-11/32	3/16	TAP2-34.13	TAK2-34.13	TAN2-34.13	TAM2-34.13
2-D	34.20	1.3465		3/16	TAP2-34.20	TAK2-34.20	TAN2-34.20	TAM2-34.20
2-D	34.30	1.3504		3/16	TAP2-34.30	TAK2-34.30	TAN2-34.30	TAM2-34.30
2-D	34.40	1.3543		3/16	TAP2-34.40	TAK2-34.40	TAN2-34.40	TAM2-34.40
2-D	34.50	1.3583		3/16	TAP2-34.50	TAK2-34.50	TAN2-34.50	TAM2-34.50
2-D	34.60	1.3622		3/16	TAP2-34.60	TAK2-34.60	TAN2-34.60	TAM2-34.60
2-D	34.70	1.3661		3/16	TAP2-34.70	TAK2-34.70	TAN2-34.70	TAM2-34.70
2-D	34.80	1.3701		3/16	TAP2-34.80	TAK2-34.80	TAN2-34.80	TAM2-34.80
2-D	34.90	1.3740		3/16	TAP2-34.90	TAK2-34.90	TAN2-34.90	TAM2-34.90
2-D	34.93	1.3752	1-3/8	3/16	TAP2-34.93	TAK2-34.93	TAN2-34.93	TAM2-34.93
2-D	35.00	1.3780		3/16	TAP2-35.00	TAK2-35.00	TAN2-35.00	TAM2-35.00

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

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A Series Insert + A Series Holder



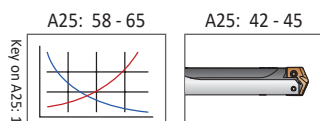
C Series Insert + A Series Holder



C Series Insert + C Series Holder



A Series Insert + C Series Holder

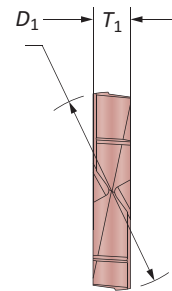
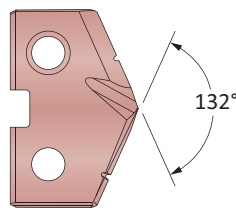



Key on A25: 1

Sizes not shown are available upon request.	
When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

2 Series | Diameter Range: 24.38mm - 35.04mm (0.960" - 1.379")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	 Part No.
					X
2-A	24.40	0.9606		3/16	TAX2-24.40
2-A	24.50	0.9646		3/16	TAX2-24.50
2-A	24.61	0.9689	31/32	3/16	TAX2-24.61
2-A	24.70	0.9724		3/16	TAX2-24.70
2-A	24.80	0.9764		3/16	TAX2-24.80
2-A	24.90	0.9803		3/16	TAX2-24.90
2-A	25.00	0.9843	63/64	3/16	TAX2-25.00
2-A	25.10	0.9882		3/16	TAX2-25.10
2-A	25.20	0.9921		3/16	TAX2-25.20
2-A	25.30	0.9961		3/16	TAX2-25.30

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



C Series Insert +
A Series Holder



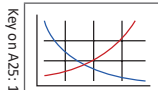
C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

A25: 58 - 65

A25: 42 - 45

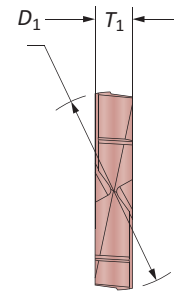
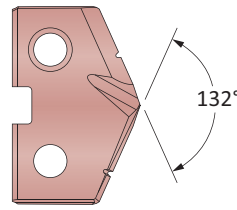



Sizes not shown are available upon request.
When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

2 Series | Diameter Range: 24.38mm - 35.04mm (0.960" - 1.379")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	
					Part No.
2-B	25.40	1.0000	1	3/16	TAX2-25.40
2-B	25.50	1.0039		3/16	TAX2-25.50
2-B	25.60	1.0079		3/16	TAX2-25.60
2-B	25.70	1.0118		3/16	TAX2-25.70
2-B	25.78	1.0150		3/16	TAX2-25.78
2-B	25.90	1.0197		3/16	TAX2-25.90
2-B	26.00	1.0236		3/16	TAX2-26.00
2-B	26.10	1.0276		3/16	TAX2-26.10
2-B	26.20	1.0315	1-1/32	3/16	TAX2-26.20
2-B	26.30	1.0354		3/16	TAX2-26.30
2-B	26.40	1.0394		3/16	TAX2-26.40
2-B	26.50	1.0433		3/16	TAX2-26.50
2-B	26.57	1.0461		3/16	TAX2-26.57
2-B	26.59	1.0469	1-3/64	3/16	TAX2-26.59
2-B	26.60	1.0472		3/16	TAX2-26.60
2-B	26.70	1.0512		3/16	TAX2-26.70
2-B	26.80	1.0551		3/16	TAX2-26.80
2-B	26.90	1.0591		3/16	TAX2-26.90
2-B	26.99	1.0626	1-1/16	3/16	TAX2-26.99
2-B	27.00	1.0630		3/16	TAX2-27.00
2-B	27.10	1.0669		3/16	TAX2-27.10
2-B	27.20	1.0709		3/16	TAX2-27.20
2-B	27.30	1.0748		3/16	TAX2-27.30
2-B	27.40	1.0787		3/16	TAX2-27.40
2-B	27.50	1.0827		3/16	TAX2-27.50
2-B	27.60	1.0866		3/16	TAX2-27.60
2-B	27.70	1.0906		3/16	TAX2-27.70
2-B	27.78	1.0937	1-3/32	3/16	TAX2-27.78
2-B	27.90	1.0984		3/16	TAX2-27.90
2-B	28.00	1.1024		3/16	TAX2-28.00
2-B	28.10	1.1063		3/16	TAX2-28.10
2-B	28.17	1.1091	1-7/64	3/16	TAX2-28.17
2-B	28.20	1.1102		3/16	TAX2-28.20
2-B	28.30	1.1142		3/16	TAX2-28.30
2-B	28.40	1.1181		3/16	TAX2-28.40

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



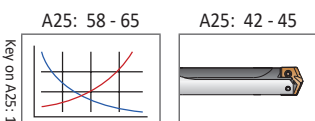
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

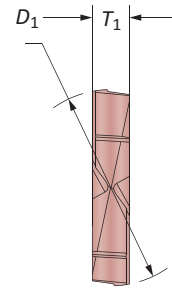
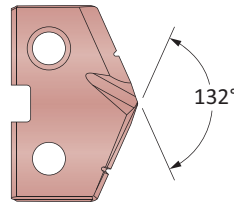



Sizes not shown are available upon request.	
When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

A
DRILLING
B
BORING
C
REAMING
D
BURISHING
E
THREADING
X
SPECIALS

T-A Pro HSS Drill Inserts

2 Series | Diameter Range: 24.38mm - 35.04mm (0.960" - 1.379")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	
					Part No.
2-C	28.50	1.1220		3/16	TAX2-28.50
2-C	28.58	1.1252	1-1/8	3/16	TAX2-28.58
2-C	28.70	1.1299		3/16	TAX2-28.70
2-C	28.80	1.1339		3/16	TAX2-28.80
2-C	28.90	1.1378		3/16	TAX2-28.90
2-C	29.00	1.1417		3/16	TAX2-29.00
2-C	29.10	1.1457		3/16	TAX2-29.10
2-C	29.20	1.1496		3/16	TAX2-29.20
2-C	29.30	1.1535		3/16	TAX2-29.30
2-C	29.37	1.1563	1-5/32	3/16	TAX2-29.37
2-C	29.40	1.1575		3/16	TAX2-29.40
2-C	29.50	1.1614		3/16	TAX2-29.50
2-C	29.60	1.1654		3/16	TAX2-29.60
2-C	29.70	1.1693		3/16	TAX2-29.70
2-C	29.80	1.1732		3/16	TAX2-29.80
2-C	29.90	1.1772		3/16	TAX2-29.90
2-C	30.00	1.1811		3/16	TAX2-30.00
2-C	30.10	1.1850		3/16	TAX2-30.10
2-C	30.16	1.1874	1-3/16	3/16	TAX2-30.16
2-C	30.20	1.1890		3/16	TAX2-30.20
2-C	30.30	1.1929		3/16	TAX2-30.30
2-C	30.40	1.1969		3/16	TAX2-30.40
2-C	30.50	1.2008		3/16	TAX2-30.50
2-C	30.60	1.2047		3/16	TAX2-30.60
2-C	30.70	1.2087		3/16	TAX2-30.70
2-C	30.80	1.2126		3/16	TAX2-30.80
2-C	30.90	1.2165		3/16	TAX2-30.90
2-C	30.96	1.2189	1-7/32	3/16	TAX2-30.96
2-C	31.00	1.2205		3/16	TAX2-31.00
2-C	31.10	1.2244		3/16	TAX2-31.10
2-C	31.20	1.2283		3/16	TAX2-31.20
2-C	31.30	1.2323		3/16	TAX2-31.30
2-C	31.40	1.2362		3/16	TAX2-31.40
2-C	31.50	1.2402		3/16	TAX2-31.50
2-C	31.60	1.2441		3/16	TAX2-31.60

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



C Series Insert +
A Series Holder



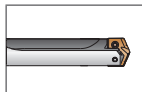
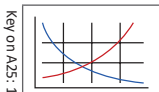
C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

A25: 58 - 65

A25: 42 - 45



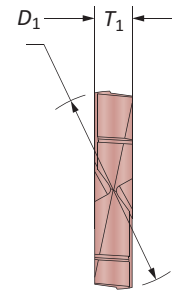
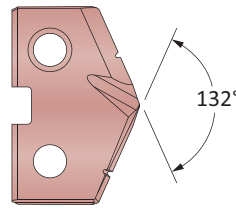
Sizes not shown are available upon request.


When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

2 Series | Diameter Range: 24.38mm - 35.04mm (0.960" - 1.379")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Insert
					Part No.
2-D	31.70	1.2480		3/16	 TAX2-31.70
2-D	31.75	1.2500	1-1/4	3/16	TAX2-31.75
2-D	31.80	1.2520		3/16	TAX2-31.80
2-D	31.90	1.2559		3/16	TAX2-31.90
2-D	32.00	1.2598		3/16	TAX2-32.00
2-D	32.10	1.2638		3/16	TAX2-32.10
2-D	32.15	1.2657	1-17/64	3/16	TAX2-32.15
2-D	32.20	1.2677		3/16	TAX2-32.20
2-D	32.30	1.2717		3/16	TAX2-32.30
2-D	32.40	1.2756		3/16	TAX2-32.40
2-D	32.50	1.2795		3/16	TAX2-32.50
2-D	32.55	1.2815	1-9/32	3/16	TAX2-32.55
2-D	32.60	1.2835		3/16	TAX2-32.60
2-D	32.70	1.2874		3/16	TAX2-32.70
2-D	32.80	1.2913		3/16	TAX2-32.80
2-D	32.90	1.2953		3/16	TAX2-32.90
2-D	33.00	1.2992		3/16	TAX2-33.00
2-D	33.10	1.3031		3/16	TAX2-33.10
2-D	33.20	1.3071		3/16	TAX2-33.20
2-D	33.30	1.3110		3/16	TAX2-33.30
2-D	33.34	1.3126	1-5/16	3/16	TAX2-33.34
2-D	33.40	1.3150		3/16	TAX2-33.40
2-D	33.50	1.3189		3/16	TAX2-33.50
2-D	33.60	1.3228		3/16	TAX2-33.60
2-D	33.70	1.3268		3/16	TAX2-33.70
2-D	33.80	1.3307		3/16	TAX2-33.80
2-D	33.90	1.3346		3/16	TAX2-33.90
2-D	34.00	1.3386		3/16	TAX2-34.00
2-D	34.10	1.3425		3/16	TAX2-34.10
2-D	34.13	1.3437	1-11/32	3/16	TAX2-34.13
2-D	34.20	1.3465		3/16	TAX2-34.20
2-D	34.30	1.3504		3/16	TAX2-34.30
2-D	34.40	1.3543		3/16	TAX2-34.40
2-D	34.50	1.3583		3/16	TAX2-34.50
2-D	34.60	1.3622		3/16	TAX2-34.60
2-D	34.70	1.3661		3/16	TAX2-34.70
2-D	34.80	1.3701		3/16	TAX2-34.80
2-D	34.90	1.3740		3/16	TAX2-34.90
2-D	34.93	1.3752	1-3/8	3/16	TAX2-34.93
2-D	35.00	1.3780		3/16	TAX2-35.00

Inserts sold in multiples of 2

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



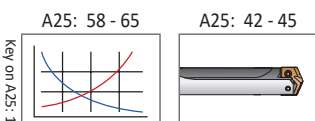
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder



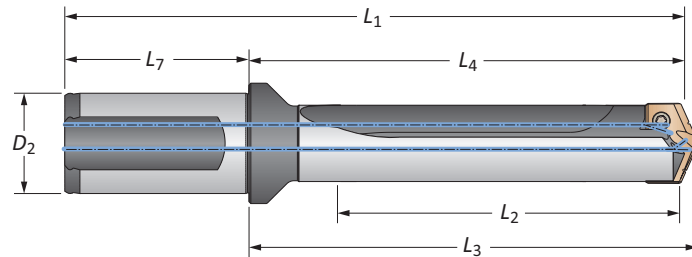
Sizes not shown are available upon request.
When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

A
DRILLING
B
BORING
C
REAMING
D
BURNISHING
E
THREADING
X
SPECIALS

T-A Pro Drill Holders

2 Series Metric | Diameter Range: 24.38mm - 35.04mm



Body						Shank				Part No
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat		
STUB	A	29.7	75.0	78.6	132.9	57.9	32	Yes	HTA2A01-32FM	
STUB	A	29.7	75.0	78.6	132.9	57.9	32	No	HTA2A01-32CM	
STUB	B	29.7	75.0	78.6	132.9	57.9	32	Yes	HTA2B01-32FM	
STUB	B	29.7	75.0	78.6	132.9	57.9	32	No	HTA2B01-32CM	
STUB	C	29.7	75.0	78.6	132.9	57.9	32	Yes	HTA2C01-32FM	
STUB	C	29.7	75.0	78.6	132.9	57.9	32	No	HTA2C01-32CM	
STUB	D	29.7	75.0	78.6	132.9	57.9	32	Yes	HTA2D01-32FM	
STUB	D	29.7	75.0	78.6	132.9	57.9	32	No	HTA2D01-32CM	
3xD	A	89.2	137.4	141.0	195.4	57.9	32	Yes	HTA2A03-32FM	
3xD	A	89.2	137.4	141.0	195.4	57.9	32	No	HTA2A03-32CM	
3xD	B	89.2	137.4	141.0	195.4	57.9	32	Yes	HTA2B03-32FM	
3xD	B	89.2	137.4	141.0	195.4	57.9	32	No	HTA2B03-32CM	
3xD	C	89.2	137.4	141.0	195.4	57.9	32	Yes	HTA2C03-32FM	
3xD	C	89.2	137.4	141.0	195.4	57.9	32	No	HTA2C03-32CM	
3xD	D	89.2	137.4	141.0	195.4	57.9	32	Yes	HTA2D03-32FM	
3xD	D	89.2	137.4	141.0	195.4	57.9	32	No	HTA2D03-32CM	
5xD	A	148.7	196.9	200.5	254.8	57.9	32	Yes	HTA2A05-32FM	
5xD	A	148.7	196.9	200.5	254.8	57.9	32	No	HTA2A05-32CM	
5xD	B	148.7	196.9	200.5	254.8	57.9	32	Yes	HTA2B05-32FM	
5xD	B	148.7	196.9	200.5	254.8	57.9	32	No	HTA2B05-32CM	
5xD	C	148.7	196.9	200.5	254.8	57.9	32	Yes	HTA2C05-32FM	
5xD	C	148.7	196.9	200.5	254.8	57.9	32	No	HTA2C05-32CM	
5xD	D	148.7	196.9	200.5	254.8	57.9	32	Yes	HTA2D05-32FM	
5xD	D	148.7	196.9	200.5	254.8	57.9	32	No	HTA2D05-32CM	
7xD	A	208.2	256.4	260.0	314.3	57.9	32	Yes	HTA2A07-32FM	
7xD	A	208.2	256.4	260.0	314.3	57.9	32	No	HTA2A07-32CM	
7xD	B	208.2	256.4	260.0	314.3	57.9	32	Yes	HTA2B07-32FM	
7xD	B	208.2	256.4	260.0	314.3	57.9	32	No	HTA2B07-32CM	
7xD	C	208.2	256.4	260.0	314.3	57.9	32	Yes	HTA2C07-32FM	
7xD	C	208.2	256.4	260.0	314.3	57.9	32	No	HTA2C07-32CM	
7xD	D	208.2	256.4	260.0	314.3	57.9	32	Yes	HTA2D07-32FM	
7xD	D	208.2	256.4	260.0	314.3	57.9	32	No	HTA2D07-32CM	

③

Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
7495-IP15-1	7495N-IP15-1	8IP-15	8IP-15TL	8IP-15B	690 N-cm (61.0 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

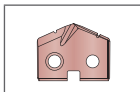
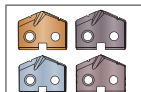
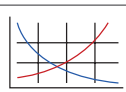
⚠ WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

A25: 58 - 65

A25: 34 - 37

A25: 38 - 41

Key on A25: 1

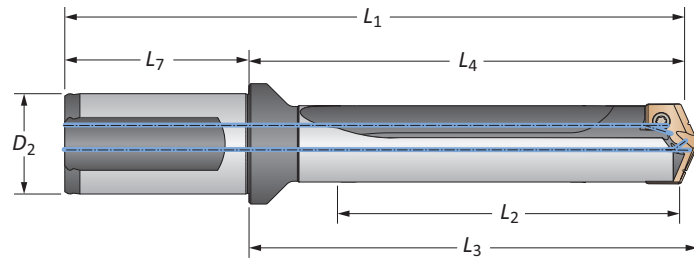


③ = Metric (mm)
Ⓜ = Imperial (in)

Screws sold in multiples of 10

T-A Pro Drill Holders

2 Series Metric | Diameter Range: 24.38mm - 35.04mm



Length	Sub Series	Body				Shank				Part No
		L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat		
10xD	A	297.4	345.6	349.2	403.6	57.9	32	Yes	HTA2A10-32FM	
10xD	A	297.4	345.6	349.2	403.6	57.9	32	No	HTA2A10-32CM	
10xD	B	297.4	345.6	349.2	403.6	57.9	32	Yes	HTA2B10-32FM	
10xD	B	297.4	345.6	349.2	403.6	57.9	32	No	HTA2B10-32CM	
10xD	C	297.4	345.6	349.2	403.6	57.9	32	Yes	HTA2C10-32FM	
10xD	C	297.4	345.6	349.2	403.6	57.9	32	No	HTA2C10-32CM	
10xD	D	297.4	345.6	349.2	403.6	57.9	32	Yes	HTA2D10-32FM	
10xD	D	297.4	345.6	349.2	403.6	57.9	32	No	HTA2D10-32CM	
12xD	A	356.9	405.1	408.7	463.0	57.9	32	Yes	HTA2A12-32FM	
12xD	A	356.9	405.1	408.7	463.0	57.9	32	No	HTA2A12-32CM	
12xD	B	356.9	405.1	408.7	463.0	57.9	32	Yes	HTA2B12-32FM	
12xD	B	356.9	405.1	408.7	463.0	57.9	32	No	HTA2B12-32CM	
12xD	C	356.9	405.1	408.7	463.0	57.9	32	Yes	HTA2C12-32FM	
12xD	C	356.9	405.1	408.7	463.0	57.9	32	No	HTA2C12-32CM	
12xD	D	356.9	405.1	408.7	463.0	57.9	32	Yes	HTA2D12-32FM	
12xD	D	356.9	405.1	408.7	463.0	57.9	32	No	HTA2D12-32CM	
15xD	A	446.2	494.4	497.9	552.3	57.9	32	Yes	HTA2A15-32FM	
15xD	A	446.2	494.4	497.9	552.3	57.9	32	No	HTA2A15-32CM	
15xD	B	446.2	494.4	497.9	552.3	57.9	32	Yes	HTA2B15-32FM	
15xD	B	446.2	494.4	497.9	552.3	57.9	32	No	HTA2B15-32CM	
15xD	C	446.2	494.4	497.9	552.3	57.9	32	Yes	HTA2C15-32FM	
15xD	C	446.2	494.4	497.9	552.3	57.9	32	No	HTA2C15-32CM	
15xD	D	446.2	494.4	497.9	552.3	57.9	32	Yes	HTA2D15-32FM	
15xD	D	446.2	494.4	497.9	552.3	57.9	32	No	HTA2D15-32CM	

Connection Accessories

					Admissible Tightening Torque*
Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	
7495-IP15-1	7495N-IP15-1	8IP-15	8IP-15TL	8IP-15B	690 N-cm (61.0 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

A25: 58 - 65 A25: 34 - 37 A25: 38 - 41

Key on A25: 1

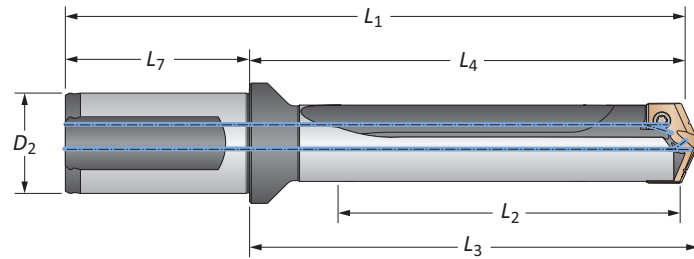
= Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

A DRILLING
B BORING
C REAMING
D BURNISHING
E THREADING
X SPECIALS




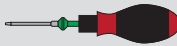

T-A Pro Drill Holders

2 Series Imperial | Diameter Range: 0.960" - 1.379"



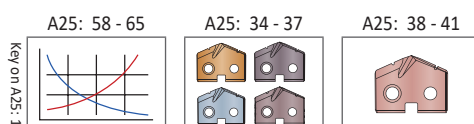
		Body				Shank			
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No
STUB	A	1.171	2.954	3.094	5.234	2.280	1-1/4	Yes	HTA2A01-125F
STUB	A	1.171	2.954	3.094	5.234	2.280	1-1/4	No	HTA2A01-125C
STUB	B	1.171	2.954	3.094	5.234	2.280	1-1/4	Yes	HTA2B01-125F
STUB	B	1.171	2.954	3.094	5.234	2.280	1-1/4	No	HTA2B01-125C
STUB	C	1.171	2.954	3.094	5.234	2.280	1-1/4	Yes	HTA2C01-125F
STUB	C	1.171	2.954	3.094	5.234	2.280	1-1/4	No	HTA2C01-125C
STUB	D	1.171	2.954	3.094	5.234	2.280	1-1/4	Yes	HTA2D01-125F
STUB	D	1.171	2.954	3.094	5.234	2.280	1-1/4	No	HTA2D01-125C
3xD	A	3.513	5.411	5.551	7.691	2.280	1-1/4	Yes	HTA2A03-125F
3xD	A	3.513	5.411	5.551	7.691	2.280	1-1/4	No	HTA2A03-125C
3xD	B	3.513	5.411	5.551	7.691	2.280	1-1/4	Yes	HTA2B03-125F
3xD	B	3.513	5.411	5.551	7.691	2.280	1-1/4	No	HTA2B03-125C
3xD	C	3.513	5.411	5.551	7.691	2.280	1-1/4	Yes	HTA2C03-125F
3xD	C	3.513	5.411	5.551	7.691	2.280	1-1/4	No	HTA2C03-125C
3xD	D	3.513	5.411	5.551	7.691	2.280	1-1/4	Yes	HTA2D03-125F
3xD	D	3.513	5.411	5.551	7.691	2.280	1-1/4	No	HTA2D03-125C
5xD	A	5.855	7.753	7.893	10.033	2.280	1-1/4	Yes	HTA2A05-125F
5xD	A	5.855	7.753	7.893	10.033	2.280	1-1/4	No	HTA2A05-125C
5xD	B	5.855	7.753	7.893	10.033	2.280	1-1/4	Yes	HTA2B05-125F
5xD	B	5.855	7.753	7.893	10.033	2.280	1-1/4	No	HTA2B05-125C
5xD	C	5.855	7.753	7.893	10.033	2.280	1-1/4	Yes	HTA2C05-125F
5xD	C	5.855	7.753	7.893	10.033	2.280	1-1/4	No	HTA2C05-125C
5xD	D	5.855	7.753	7.893	10.033	2.280	1-1/4	Yes	HTA2D05-125F
5xD	D	5.855	7.753	7.893	10.033	2.280	1-1/4	No	HTA2D05-125C
7xD	A	8.197	10.095	10.235	12.375	2.280	1-1/4	Yes	HTA2A07-125F
7xD	A	8.197	10.095	10.235	12.375	2.280	1-1/4	No	HTA2A07-125C
7xD	B	8.197	10.095	10.235	12.375	2.280	1-1/4	Yes	HTA2B07-125F
7xD	B	8.197	10.095	10.235	12.375	2.280	1-1/4	No	HTA2B07-125C
7xD	C	8.197	10.095	10.235	12.375	2.280	1-1/4	Yes	HTA2C07-125F
7xD	C	8.197	10.095	10.235	12.375	2.280	1-1/4	No	HTA2C07-125C
7xD	D	8.197	10.095	10.235	12.375	2.280	1-1/4	Yes	HTA2D07-125F
7xD	D	8.197	10.095	10.235	12.375	2.280	1-1/4	No	HTA2D07-125C

Connection Accessories

					Admissible Tightening Torque*
7495-IP15-1	7495N-IP15-1	8IP-15	8IP-15TL	8IP-15B	690 N-cm (61.0 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

1. WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com



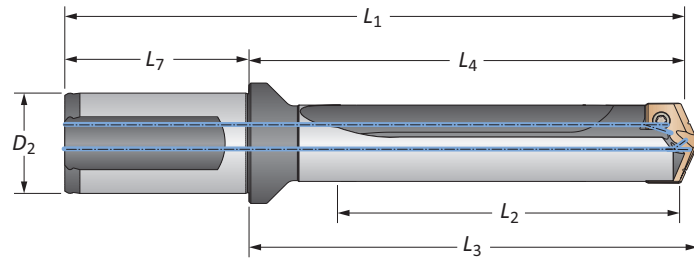
Key on A25: 1

 = Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

T-A Pro Drill Holders

2 Series Imperial | Diameter Range: 0.960" - 1.379"



Length	Sub Series	Body				Shank			Flat	Part No
		L ₂	L ₄	L ₃	L ₁	L ₇	D ₂			
10xD	A	11.710	13.608	13.748	15.888	2.280	1-1/4	Yes	HTA2A10-125F	
10xD	A	11.710	13.608	13.748	15.888	2.280	1-1/4	No	HTA2A10-125C	
10xD	B	11.710	13.608	13.748	15.888	2.280	1-1/4	Yes	HTA2B10-125F	
10xD	B	11.710	13.608	13.748	15.888	2.280	1-1/4	No	HTA2B10-125C	
10xD	C	11.710	13.608	13.748	15.888	2.280	1-1/4	Yes	HTA2C10-125F	
10xD	C	11.710	13.608	13.748	15.888	2.280	1-1/4	No	HTA2C10-125C	
10xD	D	11.710	13.608	13.748	15.888	2.280	1-1/4	Yes	HTA2D10-125F	
10xD	D	11.710	13.608	13.748	15.888	2.280	1-1/4	No	HTA2D10-125C	
12xD	A	14.052	15.950	16.090	18.230	2.280	1-1/4	Yes	HTA2A12-125F	
12xD	A	14.052	15.950	16.090	18.230	2.280	1-1/4	No	HTA2A12-125C	
12xD	B	14.052	15.950	16.090	18.230	2.280	1-1/4	Yes	HTA2B12-125F	
12xD	B	14.052	15.950	16.090	18.230	2.280	1-1/4	No	HTA2B12-125C	
12xD	C	14.052	15.950	16.090	18.230	2.280	1-1/4	Yes	HTA2C12-125F	
12xD	C	14.052	15.950	16.090	18.230	2.280	1-1/4	No	HTA2C12-125C	
12xD	D	14.052	15.950	16.090	18.230	2.280	1-1/4	Yes	HTA2D12-125F	
12xD	D	14.052	15.950	16.090	18.230	2.280	1-1/4	No	HTA2D12-125C	
15xD	A	17.565	19.463	19.603	21.743	2.280	1-1/4	Yes	HTA2A15-125F	
15xD	A	17.565	19.463	19.603	21.743	2.280	1-1/4	No	HTA2A15-125C	
15xD	B	17.565	19.463	19.603	21.743	2.280	1-1/4	Yes	HTA2B15-125F	
15xD	B	17.565	19.463	19.603	21.743	2.280	1-1/4	No	HTA2B15-125C	
15xD	C	17.565	19.463	19.603	21.743	2.280	1-1/4	Yes	HTA2C15-125F	
15xD	C	17.565	19.463	19.603	21.743	2.280	1-1/4	No	HTA2C15-125C	
15xD	D	17.565	19.463	19.603	21.743	2.280	1-1/4	Yes	HTA2D15-125F	
15xD	D	17.565	19.463	19.603	21.743	2.280	1-1/4	No	HTA2D15-125C	

i

A
DRILLING
B
BORING
C
REAMING
D
BURNISHING
E
THREADING
X
SPECIALS

Connection Accessories

					Admissible Tightening Torque*
7495-IP15-1	7495N-IP15-1	8IP-15	8IP-15TL	8IP-15B	690 N-cm (61.0 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department. email: engineering.eu@alliedmachine.com

A25: 58 - 65 A25: 34 - 37 A25: 38 - 41

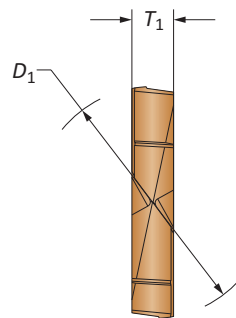
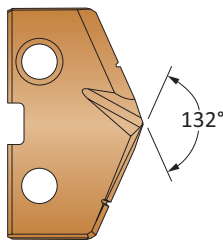
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



= Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

T-A Pro Carbide Drill Inserts

3 Series | Diameter Range: 35.05mm - 47.80mm (1.380" - 1.882")



Series	Insert		Fractional Equivalent	T ₁				
	D ₁ mm	D ₁ inch			Part No.	Part No.	Part No.	Part No.
3-A	35.72	1.4063	1-13/32	1/4	TAP3-35.72	TAK3-35.72	TAN3-35.72	TAM3-35.72
3-A	35.80	1.4094		1/4	TAP3-35.80	TAK3-35.80	TAN3-35.80	TAM3-35.80
3-A	35.90	1.4134		1/4	TAP3-35.90	TAK3-35.90	TAN3-35.90	TAM3-35.90
3-A	36.00	1.4173		1/4	TAP3-36.00	TAK3-36.00	TAN3-36.00	TAM3-36.00
3-A	36.10	1.4213		1/4	TAP3-36.10	TAK3-36.10	TAN3-36.10	TAM3-36.10
3-A	36.20	1.4252		1/4	TAP3-36.20	TAK3-36.20	TAN3-36.20	TAM3-36.20
3-A	36.30	1.4291		1/4	TAP3-36.30	TAK3-36.30	TAN3-36.30	TAM3-36.30
3-A	36.40	1.4331		1/4	TAP3-36.40	TAK3-36.40	TAN3-36.40	TAM3-36.40
3-A	36.50	1.4370		1/4	TAP3-36.50	TAK3-36.50	TAN3-36.50	TAM3-36.50
3-A	36.51	1.4374	1-7/16	1/4	TAP3-36.51	TAK3-36.51	TAN3-36.51	TAM3-36.51
3-A	36.60	1.4409		1/4	TAP3-36.60	TAK3-36.60	TAN3-36.60	TAM3-36.60
3-A	36.70	1.4449		1/4	TAP3-36.70	TAK3-36.70	TAN3-36.70	TAM3-36.70
3-A	36.80	1.4488		1/4	TAP3-36.80	TAK3-36.80	TAN3-36.80	TAM3-36.80
3-A	36.90	1.4528		1/4	TAP3-36.90	TAK3-36.90	TAN3-36.90	TAM3-36.90
3-A	37.00	1.4567		1/4	TAP3-37.00	TAK3-37.00	TAN3-37.00	TAM3-37.00
3-A	37.10	1.4606		1/4	TAP3-37.10	TAK3-37.10	TAN3-37.10	TAM3-37.10
3-A	37.20	1.4646		1/4	TAP3-37.20	TAK3-37.20	TAN3-37.20	TAM3-37.20
3-A	37.30	1.4685		1/4	TAP3-37.30	TAK3-37.30	TAN3-37.30	TAM3-37.30
3-A	37.31	1.4689	1-15/32	1/4	TAP3-37.31	TAK3-37.31	TAN3-37.31	TAM3-37.31
3-A	37.40	1.4724		1/4	TAP3-37.40	TAK3-37.40	TAN3-37.40	TAM3-37.40
3-A	37.50	1.4764		1/4	TAP3-37.50	TAK3-37.50	TAN3-37.50	TAM3-37.50
3-A	37.60	1.4803		1/4	TAP3-37.60	TAK3-37.60	TAN3-37.60	TAM3-37.60
3-A	37.70	1.4843		1/4	TAP3-37.70	TAK3-37.70	TAN3-37.70	TAM3-37.70

Inserts sold in multiples of 1

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert + A Series Holder



C Series Insert + A Series Holder



C Series Insert + C Series Holder

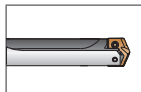
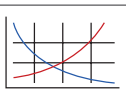


A Series Insert + C Series Holder

A25: 58 - 65

A25: 54 - 57

Key on A25: 1



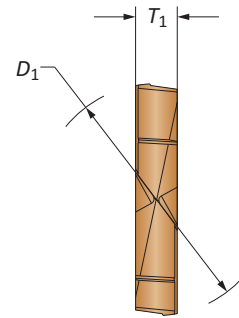
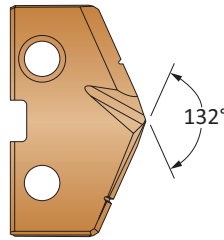
Sizes not shown are available upon request.





When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Carbide Drill Inserts

3 Series | Diameter Range: 35.05mm - 47.80mm (1.380" - 1.882")



Insert								
Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Part No. P	Part No. K	Part No. N	Part No. M
3-B	37.80	1.4882		1/4	TAP3-37.80	TAK3-37.80	TAN3-37.80	TAM3-37.80
3-B	37.90	1.4921		1/4	TAP3-37.90	TAK3-37.90	TAN3-37.90	TAM3-37.90
3-B	38.00	1.4961		1/4	TAP3-38.00	TAK3-38.00	TAN3-38.00	TAM3-38.00
3-B	38.10	1.5000	1-1/2	1/4	TAP3-38.10	TAK3-38.10	TAN3-38.10	TAM3-38.10
3-B	38.20	1.5039		1/4	TAP3-38.20	TAK3-38.20	TAN3-38.20	TAM3-38.20
3-B	38.30	1.5079		1/4	TAP3-38.30	TAK3-38.30	TAN3-38.30	TAM3-38.30
3-B	38.40	1.5118		1/4	TAP3-38.40	TAK3-38.40	TAN3-38.40	TAM3-38.40
3-B	38.50	1.5157		1/4	TAP3-38.50	TAK3-38.50	TAN3-38.50	TAM3-38.50
3-B	38.60	1.5197		1/4	TAP3-38.60	TAK3-38.60	TAN3-38.60	TAM3-38.60
3-B	38.70	1.5236		1/4	TAP3-38.70	TAK3-38.70	TAN3-38.70	TAM3-38.70
3-B	38.80	1.5276		1/4	TAP3-38.80	TAK3-38.80	TAN3-38.80	TAM3-38.80
3-B	38.89	1.5311	1-17/32	1/4	TAP3-38.89	TAK3-38.89	TAN3-38.89	TAM3-38.89
3-B	38.90	1.5315		1/4	TAP3-38.90	TAK3-38.90	TAN3-38.90	TAM3-38.90
3-B	39.00	1.5354		1/4	TAP3-39.00	TAK3-39.00	TAN3-39.00	TAM3-39.00
3-B	39.10	1.5394		1/4	TAP3-39.10	TAK3-39.10	TAN3-39.10	TAM3-39.10
3-B	39.20	1.5433		1/4	TAP3-39.20	TAK3-39.20	TAN3-39.20	TAM3-39.20
3-B	39.29	1.5469		1/4	TAP3-39.29	TAK3-39.29	TAN3-39.29	TAM3-39.29
3-B	39.30	1.5472		1/4	TAP3-39.30	TAK3-39.30	TAN3-39.30	TAM3-39.30
3-B	39.40	1.5512		1/4	TAP3-39.40	TAK3-39.40	TAN3-39.40	TAM3-39.40
3-B	39.50	1.5551		1/4	TAP3-39.50	TAK3-39.50	TAN3-39.50	TAM3-39.50
3-B	39.60	1.5591		1/4	TAP3-39.60	TAK3-39.60	TAN3-39.60	TAM3-39.60
3-B	39.69	1.5626	1-9/16	1/4	TAP3-39.69	TAK3-39.69	TAN3-39.69	TAM3-39.69
3-B	39.70	1.5630		1/4	TAP3-39.70	TAK3-39.70	TAN3-39.70	TAM3-39.70
3-B	39.80	1.5669		1/4	TAP3-39.80	TAK3-39.80	TAN3-39.80	TAM3-39.80
3-B	39.90	1.5709		1/4	TAP3-39.90	TAK3-39.90	TAN3-39.90	TAM3-39.90
3-B	40.00	1.5748		1/4	TAP3-40.00	TAK3-40.00	TAN3-40.00	TAM3-40.00
3-B	40.10	1.5787		1/4	TAP3-40.10	TAK3-40.10	TAN3-40.10	TAM3-40.10
3-B	40.20	1.5827		1/4	TAP3-40.20	TAK3-40.20	TAN3-40.20	TAM3-40.20
3-B	40.30	1.5866		1/4	TAP3-40.30	TAK3-40.30	TAN3-40.30	TAM3-40.30
3-B	40.40	1.5906		1/4	TAP3-40.40	TAK3-40.40	TAN3-40.40	TAM3-40.40
3-B	40.48	1.5937	1-19/32	1/4	TAP3-40.48	TAK3-40.48	TAN3-40.48	TAM3-40.48
3-B	40.50	1.5945		1/4	TAP3-40.50	TAK3-40.50	TAN3-40.50	TAM3-40.50
3-B	40.60	1.5984		1/4	TAP3-40.60	TAK3-40.60	TAN3-40.60	TAM3-40.60
3-B	40.70	1.6024		1/4	TAP3-40.70	TAK3-40.70	TAN3-40.70	TAM3-40.70
3-B	40.80	1.6063		1/4	TAP3-40.80	TAK3-40.80	TAN3-40.80	TAM3-40.80
3-B	40.90	1.6102		1/4	TAP3-40.90	TAK3-40.90	TAN3-40.90	TAM3-40.90

Inserts sold in multiples of 1

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



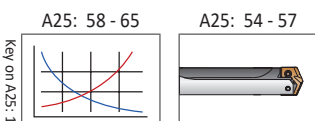
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder



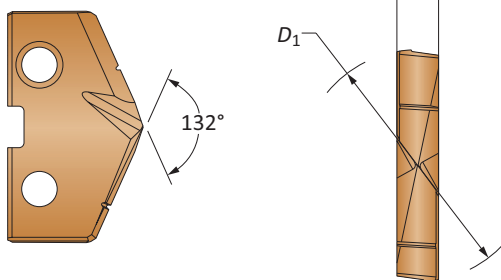
Sizes not shown are available upon request.
When ordering, please follow the example below:





Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

A
DRILLING
B
BORING
C
REAMING
D
BURNISHING
E
THREADING
X
SPECIALS

T-A Pro Carbide Drill Inserts

3 Series | Diameter Range: 35.05mm - 47.80mm (1.380" - 1.882")



Series	Insert		Fractional Equivalent	T ₁				
	D ₁ mm	D ₁ inch			Part No.	Part No.	Part No.	Part No.
					P	K	N	M
3-C	41.00	1.6142		1/4	TAP3-41.00	TAK3-41.00	TAN3-41.00	TAM3-41.00
3-C	41.10	1.6181		1/4	TAP3-41.10	TAK3-41.10	TAN3-41.10	TAM3-41.10
3-C	41.20	1.6220		1/4	TAP3-41.20	TAK3-41.20	TAN3-41.20	TAM3-41.20
3-C	41.28	1.6252	1-5/8	1/4	TAP3-41.28	TAK3-41.28	TAN3-41.28	TAM3-41.28
3-C	41.30	1.6260		1/4	TAP3-41.30	TAK3-41.30	TAN3-41.30	TAM3-41.30
3-C	41.40	1.6299		1/4	TAP3-41.40	TAK3-41.40	TAN3-41.40	TAM3-41.40
3-C	41.50	1.6339		1/4	TAP3-41.50	TAK3-41.50	TAN3-41.50	TAM3-41.50
3-C	41.60	1.6378		1/4	TAP3-41.60	TAK3-41.60	TAN3-41.60	TAM3-41.60
3-C	41.70	1.6417		1/4	TAP3-41.70	TAK3-41.70	TAN3-41.70	TAM3-41.70
3-C	41.80	1.6457		1/4	TAP3-41.80	TAK3-41.80	TAN3-41.80	TAM3-41.80
3-C	41.90	1.6496		1/4	TAP3-41.90	TAK3-41.90	TAN3-41.90	TAM3-41.90
3-C	42.00	1.6535		1/4	TAP3-42.00	TAK3-42.00	TAN3-42.00	TAM3-42.00
3-C	42.07	1.6563	1-21/32	1/4	TAP3-42.07	TAK3-42.07	TAN3-42.07	TAM3-42.07
3-C	42.10	1.6575		1/4	TAP3-42.10	TAK3-42.10	TAN3-42.10	TAM3-42.10
3-C	42.20	1.6614		1/4	TAP3-42.20	TAK3-42.20	TAN3-42.20	TAM3-42.20
3-C	42.30	1.6654		1/4	TAP3-42.30	TAK3-42.30	TAN3-42.30	TAM3-42.30
3-C	42.40	1.6693		1/4	TAP3-42.40	TAK3-42.40	TAN3-42.40	TAM3-42.40
3-C	42.50	1.6732		1/4	TAP3-42.50	TAK3-42.50	TAN3-42.50	TAM3-42.50
3-C	42.60	1.6772		1/4	TAP3-42.60	TAK3-42.60	TAN3-42.60	TAM3-42.60
3-C	42.70	1.6811		1/4	TAP3-42.70	TAK3-42.70	TAN3-42.70	TAM3-42.70
3-C	42.80	1.6850		1/4	TAP3-42.80	TAK3-42.80	TAN3-42.80	TAM3-42.80
3-C	42.86	1.6874	1-11/16	1/4	TAP3-42.86	TAK3-42.86	TAN3-42.86	TAM3-42.86
3-C	42.90	1.6890		1/4	TAP3-42.90	TAK3-42.90	TAN3-42.90	TAM3-42.90
3-C	43.00	1.6929		1/4	TAP3-43.00	TAK3-43.00	TAN3-43.00	TAM3-43.00
3-C	43.10	1.6969		1/4	TAP3-43.10	TAK3-43.10	TAN3-43.10	TAM3-43.10
3-C	43.20	1.7008		1/4	TAP3-43.20	TAK3-43.20	TAN3-43.20	TAM3-43.20
3-C	43.30	1.7047		1/4	TAP3-43.30	TAK3-43.30	TAN3-43.30	TAM3-43.30
3-C	43.40	1.7087		1/4	TAP3-43.40	TAK3-43.40	TAN3-43.40	TAM3-43.40
3-C	43.50	1.7126		1/4	TAP3-43.50	TAK3-43.50	TAN3-43.50	TAM3-43.50
3-C	43.60	1.7165		1/4	TAP3-43.60	TAK3-43.60	TAN3-43.60	TAM3-43.60
3-C	43.66	1.7189	1-23/32	1/4	TAP3-43.66	TAK3-43.66	TAN3-43.66	TAM3-43.66
3-C	43.70	1.7205		1/4	TAP3-43.70	TAK3-43.70	TAN3-43.70	TAM3-43.70
3-C	43.80	1.7244		1/4	TAP3-43.80	TAK3-43.80	TAN3-43.80	TAM3-43.80
3-C	43.90	1.7283		1/4	TAP3-43.90	TAK3-43.90	TAN3-43.90	TAM3-43.90
3-C	44.00	1.7323		1/4	TAP3-44.00	TAK3-44.00	TAN3-44.00	TAM3-44.00
3-C	44.10	1.7362		1/4	TAP3-44.10	TAK3-44.10	TAN3-44.10	TAM3-44.10
3-C	44.20	1.7402		1/4	TAP3-44.20	TAK3-44.20	TAN3-44.20	TAM3-44.20
3-C	44.30	1.7441		1/4	TAP3-44.30	TAK3-44.30	TAN3-44.30	TAM3-44.30

Inserts sold in multiples of 1

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert + A Series Holder



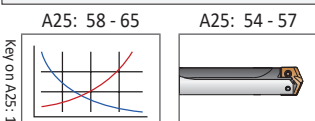
C Series Insert + A Series Holder



C Series Insert + C Series Holder



A Series Insert + C Series Holder

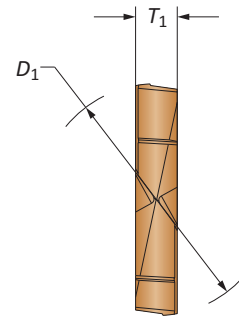
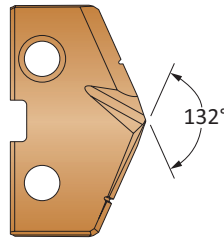






Sizes not shown are available upon request.
When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro Carbide Drill Inserts

3 Series | Diameter Range: 35.05mm - 47.80mm (1.380" - 1.882")



Insert								
Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	P	K	N	M
3-D	44.40	1.7480		1/4	TAP3-44.40	TAK3-44.40	TAN3-44.40	TAM3-44.40
3-D	44.45	1.7500	1-3/4	1/4	TAP3-44.45	TAK3-44.45	TAN3-44.45	TAM3-44.45
3-D	44.50	1.7520		1/4	TAP3-44.50	TAK3-44.50	TAN3-44.50	TAM3-44.50
3-D	44.60	1.7559		1/4	TAP3-44.60	TAK3-44.60	TAN3-44.60	TAM3-44.60
3-D	44.70	1.7598		1/4	TAP3-44.70	TAK3-44.70	TAN3-44.70	TAM3-44.70
3-D	44.80	1.7638		1/4	TAP3-44.80	TAK3-44.80	TAN3-44.80	TAM3-44.80
3-D	44.90	1.7677		1/4	TAP3-44.90	TAK3-44.90	TAN3-44.90	TAM3-44.90
3-D	45.00	1.7717		1/4	TAP3-45.00	TAK3-45.00	TAN3-45.00	TAM3-45.00
3-D	45.10	1.7756		1/4	TAP3-45.10	TAK3-45.10	TAN3-45.10	TAM3-45.10
3-D	45.20	1.7795		1/4	TAP3-45.20	TAK3-45.20	TAN3-45.20	TAM3-45.20
3-D	45.24	1.7811	1-25/32	1/4	TAP3-45.24	TAK3-45.24	TAN3-45.24	TAM3-45.24
3-D	45.30	1.7835		1/4	TAP3-45.30	TAK3-45.30	TAN3-45.30	TAM3-45.30
3-D	45.40	1.7874		1/4	TAP3-45.40	TAK3-45.40	TAN3-45.40	TAM3-45.40
3-D	45.50	1.7913		1/4	TAP3-45.50	TAK3-45.50	TAN3-45.50	TAM3-45.50
3-D	45.50	1.7913		1/4	TAP3-45.50	TAK3-45.50	TAN3-45.50	TAM3-45.50
3-D	45.60	1.7953		1/4	TAP3-45.60	TAK3-45.60	TAN3-45.60	TAM3-45.60
3-D	45.64	1.7969		1/4	TAP3-45.64	TAK3-45.64	TAN3-45.64	TAM3-45.64
3-D	45.70	1.7992		1/4	TAP3-45.70	TAK3-45.70	TAN3-45.70	TAM3-45.70
3-D	45.80	1.8031		1/4	TAP3-45.80	TAK3-45.80	TAN3-45.80	TAM3-45.80
3-D	45.90	1.8071		1/4	TAP3-45.90	TAK3-45.90	TAN3-45.90	TAM3-45.90
3-D	46.00	1.8110		1/4	TAP3-46.00	TAK3-46.00	TAN3-46.00	TAM3-46.00
3-D	46.04	1.8126	1-13/16	1/4	TAP3-46.04	TAK3-46.04	TAN3-46.04	TAM3-46.04
3-D	46.10	1.8150		1/4	TAP3-46.10	TAK3-46.10	TAN3-46.10	TAM3-46.10
3-D	46.20	1.8189		1/4	TAP3-46.20	TAK3-46.20	TAN3-46.20	TAM3-46.20
3-D	46.30	1.8228		1/4	TAP3-46.30	TAK3-46.30	TAN3-46.30	TAM3-46.30
3-D	46.40	1.8268		1/4	TAP3-46.40	TAK3-46.40	TAN3-46.40	TAM3-46.40
3-D	46.50	1.8307		1/4	TAP3-46.50	TAK3-46.50	TAN3-46.50	TAM3-46.50
3-D	46.60	1.8346		1/4	TAP3-46.60	TAK3-46.60	TAN3-46.60	TAM3-46.60
3-D	46.70	1.8386		1/4	TAP3-46.70	TAK3-46.70	TAN3-46.70	TAM3-46.70
3-D	46.80	1.8425		1/4	TAP3-46.80	TAK3-46.80	TAN3-46.80	TAM3-46.80
3-D	46.83	1.8437	1-27/32	1/4	TAP3-46.83	TAK3-46.83	TAN3-46.83	TAM3-46.83
3-D	46.90	1.8465		1/4	TAP3-46.90	TAK3-46.90	TAN3-46.90	TAM3-46.90
3-D	47.00	1.8504		1/4	TAP3-47.00	TAK3-47.00	TAN3-47.00	TAM3-47.00
3-D	47.10	1.8543		1/4	TAP3-47.10	TAK3-47.10	TAN3-47.10	TAM3-47.10
3-D	47.20	1.8583		1/4	TAP3-47.20	TAK3-47.20	TAN3-47.20	TAM3-47.20
3-D	47.30	1.8622		1/4	TAP3-47.30	TAK3-47.30	TAN3-47.30	TAM3-47.30
3-D	47.40	1.8661		1/4	TAP3-47.40	TAK3-47.40	TAN3-47.40	TAM3-47.40
3-D	47.50	1.8661		1/4	TAP3-47.50	TAK3-47.50	TAN3-47.50	TAM3-47.50
3-D	47.60	1.8740		1/4	TAP3-47.60	TAK3-47.60	TAN3-47.60	TAM3-47.60
3-D	47.63	1.8752	1-7/8	1/4	TAP3-47.63	TAK3-47.63	TAN3-47.63	TAM3-47.63

Inserts sold in multiples of 1

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert + A Series Holder



C Series Insert + A Series Holder



C Series Insert + C Series Holder

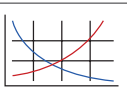


A Series Insert + C Series Holder

A25: 58 - 65

A25: 54 - 57

Key on A25: 1



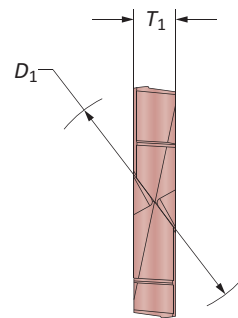
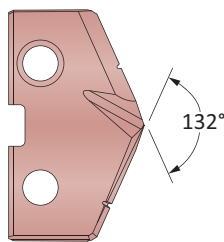
Sizes not shown are available upon request.


When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

3 Series | Diameter Range: 35.05mm - 47.80mm (1.380" - 1.882")



Insert					
Series	D_1 mm	D_1 inch	Fractional Equivalent	T_1	Part No.
3-A	35.72	1.4063	1-13/32	1/4	TAX3-35.72
3-A	35.80	1.4094		1/4	TAX3-35.80
3-A	35.90	1.4134		1/4	TAX3-35.90
3-A	36.00	1.4173		1/4	TAX3-36.00
3-A	36.10	1.4213		1/4	TAX3-36.10
3-A	36.20	1.4252		1/4	TAX3-36.20
3-A	36.30	1.4291		1/4	TAX3-36.30
3-A	36.40	1.4331		1/4	TAX3-36.40
3-A	36.50	1.4370		1/4	TAX3-36.50
3-A	36.51	1.4374	1-7/16	1/4	TAX3-36.51
3-A	36.60	1.4409		1/4	TAX3-36.60
3-A	36.70	1.4449		1/4	TAX3-36.70
3-A	36.80	1.4488		1/4	TAX3-36.80
3-A	36.90	1.4528		1/4	TAX3-36.90
3-A	37.00	1.4567		1/4	TAX3-37.00
3-A	37.10	1.4606		1/4	TAX3-37.10
3-A	37.20	1.4646		1/4	TAX3-37.20
3-A	37.30	1.4685		1/4	TAX3-37.30
3-A	37.31	1.4689	1-15/32	1/4	TAX3-37.31
3-A	37.40	1.4724		1/4	TAX3-37.40
3-A	37.50	1.4764		1/4	TAX3-37.50
3-A	37.60	1.4803		1/4	TAX3-37.60
3-A	37.70	1.4843		1/4	TAX3-37.70

Inserts sold in multiples of 1

Sub Series Holders (A, B, C, D)

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A Series Insert +
A Series Holder



C Series Insert +
A Series Holder



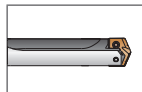
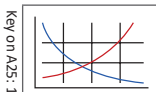
C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

A25: 58 - 65

A25: 54 - 57



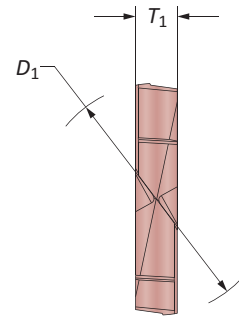
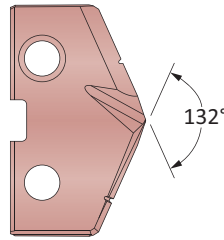
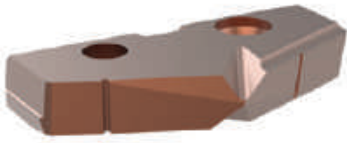
Sizes not shown are available upon request.


When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

3 Series | Diameter Range: 35.05mm - 47.80mm (1.380" - 1.882")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	
					Part No.
3-B	37.80	1.4882		1/4	TAX3-37.80
3-B	37.90	1.4921		1/4	TAX3-37.90
3-B	38.00	1.4961		1/4	TAX3-38.00
3-B	38.10	1.5000	1-1/2	1/4	TAX3-38.10
3-B	38.20	1.5039		1/4	TAX3-38.20
3-B	38.30	1.5079		1/4	TAX3-38.30
3-B	38.40	1.5118		1/4	TAX3-38.40
3-B	38.50	1.5157		1/4	TAX3-38.50
3-B	38.60	1.5197		1/4	TAX3-38.60
3-B	38.70	1.5236		1/4	TAX3-38.70
3-B	38.80	1.5276		1/4	TAX3-38.80
3-B	38.89	1.5311	1-17/32	1/4	TAX3-38.89
3-B	38.90	1.5315		1/4	TAX3-38.90
3-B	39.00	1.5354		1/4	TAX3-39.00
3-B	39.10	1.5394		1/4	TAX3-39.10
3-B	39.20	1.5433		1/4	TAX3-39.20
3-B	39.29	1.5469		1/4	TAX3-39.29
3-B	39.30	1.5472		1/4	TAX3-39.30
3-B	39.40	1.5512		1/4	TAX3-39.40
3-B	39.50	1.5551		1/4	TAX3-39.50
3-B	39.60	1.5591		1/4	TAX3-39.60
3-B	39.69	1.5626	1-9/16	1/4	TAX3-39.69
3-B	39.70	1.5630		1/4	TAX3-39.70
3-B	39.80	1.5669		1/4	TAX3-39.80
3-B	39.90	1.5709		1/4	TAX3-39.90
3-B	40.00	1.5748		1/4	TAX3-40.00
3-B	40.10	1.5787		1/4	TAX3-40.10
3-B	40.20	1.5827		1/4	TAX3-40.20
3-B	40.30	1.5866		1/4	TAX3-40.30
3-B	40.40	1.5906		1/4	TAX3-40.40
3-B	40.48	1.5937	1-19/32	1/4	TAX3-40.48
3-B	40.50	1.5945		1/4	TAX3-40.50
3-B	40.60	1.5984		1/4	TAX3-40.60
3-B	40.70	1.6024		1/4	TAX3-40.70
3-B	40.80	1.6063		1/4	TAX3-40.80
3-B	40.90	1.6102		1/4	TAX3-40.90

Inserts sold in multiples of 1

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert + A Series Holder



C Series Insert + A Series Holder



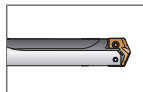
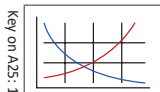
C Series Insert + C Series Holder



A Series Insert + C Series Holder

A25: 58 - 65

A25: 54 - 57

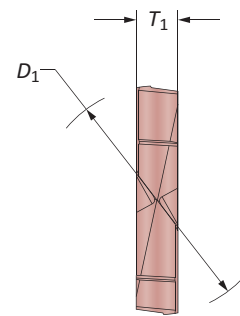
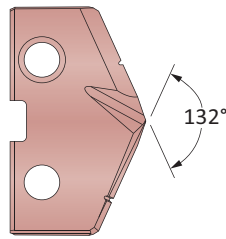
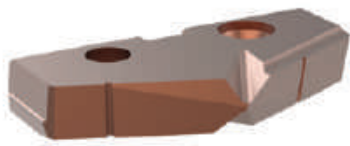


Sizes not shown are available upon request. When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

3 Series | Diameter Range: 35.05mm - 47.80mm (1.380" - 1.882")



Series	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	Insert
					Part No.
3-C	41.00	1.6142		1/4	X
3-C	41.10	1.6181		1/4	TAX3-41.10
3-C	41.20	1.6220		1/4	TAX3-41.20
3-C	41.28	1.6252	1-5/8	1/4	TAX3-41.28
3-C	41.30	1.6260		1/4	TAX3-41.30
3-C	41.40	1.6299		1/4	TAX3-41.40
3-C	41.50	1.6339		1/4	TAX3-41.50
3-C	41.60	1.6378		1/4	TAX3-41.60
3-C	41.70	1.6417		1/4	TAX3-41.70
3-C	41.80	1.6457		1/4	TAX3-41.80
3-C	41.90	1.6496		1/4	TAX3-41.90
3-C	42.00	1.6535		1/4	TAX3-42.00
3-C	42.07	1.6563	1-21/32	1/4	TAX3-42.07
3-C	42.10	1.6575		1/4	TAX3-42.10
3-C	42.20	1.6614		1/4	TAX3-42.20
3-C	42.30	1.6654		1/4	TAX3-42.30
3-C	42.40	1.6693		1/4	TAX3-42.40
3-C	42.50	1.6732		1/4	TAX3-42.50
3-C	42.60	1.6772		1/4	TAX3-42.60
3-C	42.70	1.6811		1/4	TAX3-42.70
3-C	42.80	1.6850		1/4	TAX3-42.80
3-C	42.86	1.6874	1-11/16	1/4	TAX3-42.86
3-C	42.90	1.6890		1/4	TAX3-42.90
3-C	43.00	1.6929		1/4	TAX3-43.00
3-C	43.10	1.6969		1/4	TAX3-43.10
3-C	43.20	1.7008		1/4	TAX3-43.20
3-C	43.30	1.7047		1/4	TAX3-43.30
3-C	43.40	1.7087		1/4	TAX3-43.40
3-C	43.50	1.7126		1/4	TAX3-43.50
3-C	43.60	1.7165		1/4	TAX3-43.60
3-C	43.66	1.7189	1-23/32	1/4	TAX3-43.66
3-C	43.70	1.7205		1/4	TAX3-43.70
3-C	43.80	1.7244		1/4	TAX3-43.80
3-C	43.90	1.7283		1/4	TAX3-43.90
3-C	44.00	1.7323		1/4	TAX3-44.00
3-C	44.10	1.7362		1/4	TAX3-44.10
3-C	44.20	1.7402		1/4	TAX3-44.20
3-C	44.30	1.7441		1/4	TAX3-44.30

Inserts sold in multiples of 1

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



C Series Insert +
A Series Holder



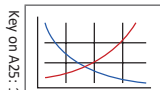
C Series Insert +
C Series Holder



A Series Insert +
C Series Holder

A25: 58 - 65

A25: 54 - 57



Key on A25: 1

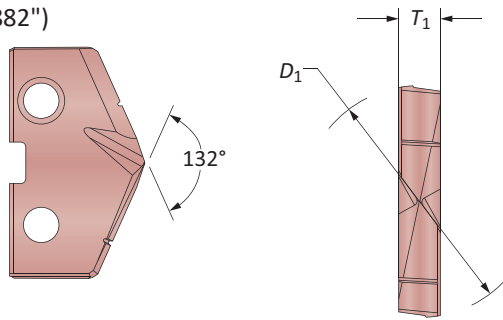
Sizes not shown are available upon request.

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Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

T-A Pro HSS Drill Inserts

3 Series | Diameter Range: 35.05mm - 47.80mm (1.380" - 1.882")



Series	Insert				Part No.
	D ₁ mm	D ₁ inch	Fractional Equivalent	T ₁	
3-D	44.40	1.7480		1/4	X TAX3-44.40
3-D	44.45	1.7500	1-3/4	1/4	TAX3-44.45
3-D	44.50	1.7520		1/4	TAX3-44.50
3-D	44.60	1.7559		1/4	TAX3-44.60
3-D	44.70	1.7598		1/4	TAX3-44.70
3-D	44.80	1.7638		1/4	TAX3-44.80
3-D	44.90	1.7677		1/4	TAX3-44.90
3-D	45.00	1.7717		1/4	TAX3-45.00
3-D	45.10	1.7756		1/4	TAX3-45.10
3-D	45.20	1.7795		1/4	TAX3-45.20
3-D	45.24	1.7811	1-25/32	1/4	TAX3-45.24
3-D	45.30	1.7835		1/4	TAX3-45.30
3-D	45.40	1.7874		1/4	TAX3-45.40
3-D	45.50	1.7913		1/4	TAX3-45.50
3-D	45.50	1.7913		1/4	TAX3-45.50
3-D	45.60	1.7953		1/4	TAX3-45.60
3-D	45.64	1.7969		1/4	TAX3-45.64
3-D	45.70	1.7992		1/4	TAX3-45.70
3-D	45.80	1.8031		1/4	TAX3-45.80
3-D	45.90	1.8071		1/4	TAX3-45.90
3-D	46.00	1.8110		1/4	TAX3-46.00
3-D	46.04	1.8126	1-13/16	1/4	TAX3-46.04
3-D	46.10	1.8150		1/4	TAX3-46.10
3-D	46.20	1.8189		1/4	TAX3-46.20
3-D	46.30	1.8228		1/4	TAX3-46.30
3-D	46.40	1.8268		1/4	TAX3-46.40
3-D	46.50	1.8307		1/4	TAX3-46.50
3-D	46.60	1.8346		1/4	TAX3-46.60
3-D	46.70	1.8386		1/4	TAX3-46.70
3-D	46.80	1.8425		1/4	TAX3-46.80
3-D	46.83	1.8437	1-27/32	1/4	TAX3-46.83
3-D	46.90	1.8465		1/4	TAX3-46.90
3-D	47.00	1.8504		1/4	TAX3-47.00
3-D	47.10	1.8543		1/4	TAX3-47.10
3-D	47.20	1.8583		1/4	TAX3-47.20
3-D	47.30	1.8622		1/4	TAX3-47.30
3-D	47.40	1.8661		1/4	TAX3-47.40
3-D	47.50	1.8661		1/4	TAX3-47.50
3-D	47.60	1.8740		1/4	TAX3-47.60
3-D	47.63	1.8752	1-7/8	1/4	TAX3-47.63

Inserts sold in multiples of 1

Sub Series Holders (A, B, C, D)

Sub series holders are recommended when running carbide inserts toward the upper end of the series drill range, as well as in tougher applications requiring more insert support and holder strength. **NOTE:** Only specified sub series inserts should be used with equivalent or smaller sub series holders.



A Series Insert +
A Series Holder



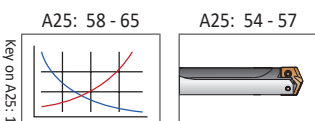
C Series Insert +
A Series Holder



C Series Insert +
C Series Holder



A Series Insert +
C Series Holder



Sizes not shown are available upon request.
When ordering, please follow the example below:

Metric:	13.16mm, Steel, 0 series = use Part No. TAP0-13.16
Imperial:	0.5180", Steel, 0 series = use Part No. TAP0-13.16

A
DRILLING
B
BORING
C
REAMING
D
BURNISHING
E
THREADING
X
SPECIALS

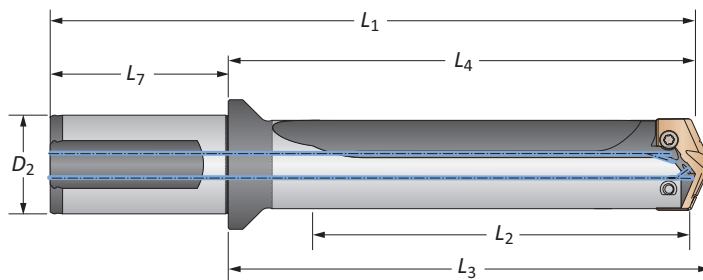
3

 DRILLING | T-A Pro® High Penetration Replaceable Insert Drilling System

T-A Pro Drill Holders




3 Series Metric | Diameter Range: 35.05mm - 47.80mm





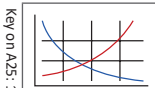
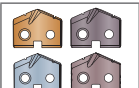
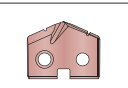
		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
STUB	A	41.1	92.3	97.1	160.6	68.3	40	Yes	HTA3A01-40FM	
STUB	A	41.1	92.3	97.1	160.6	68.3	40	No	HTA3A01-40CM	
STUB	B	41.1	92.3	97.1	160.6	68.3	40	Yes	HTA3B01-40FM	
STUB	B	41.1	92.3	97.1	160.6	68.3	40	No	HTA3B01-40CM	
STUB	C	41.1	92.3	97.1	160.6	68.3	40	Yes	HTA3C01-40FM	
STUB	C	41.1	92.3	97.1	160.6	68.3	40	No	HTA3C01-40CM	
STUB	D	41.1	92.3	97.1	160.6	68.3	40	Yes	HTA3D01-40FM	
STUB	D	41.1	92.3	97.1	160.6	68.3	40	No	HTA3D01-40CM	
3xD	A	123.3	180.1	184.8	248.3	68.3	40	Yes	HTA3A03-40FM	
3xD	A	123.3	180.1	184.8	248.3	68.3	40	No	HTA3A03-40CM	
3xD	B	123.3	180.1	184.8	248.3	68.3	40	Yes	HTA3B03-40FM	
3xD	B	123.3	180.1	184.8	248.3	68.3	40	No	HTA3B03-40CM	
3xD	C	123.3	180.1	184.8	248.3	68.3	40	Yes	HTA3C03-40FM	
3xD	C	123.3	180.1	184.8	248.3	68.3	40	No	HTA3C03-40CM	
3xD	D	123.3	180.1	184.8	248.3	68.3	40	Yes	HTA3D03-40FM	
3xD	D	123.3	180.1	184.8	248.3	68.3	40	No	HTA3D03-40CM	
5xD	A	205.5	262.2	267.0	330.5	68.3	40	Yes	HTA3A05-40FM	
5xD	A	205.5	262.2	267.0	330.5	68.3	40	No	HTA3A05-40CM	
5xD	B	205.5	262.2	267.0	330.5	68.3	40	Yes	HTA3B05-40FM	
5xD	B	205.5	262.2	267.0	330.5	68.3	40	No	HTA3B05-40CM	
5xD	C	205.5	262.2	267.0	330.5	68.3	40	Yes	HTA3C05-40FM	
5xD	C	205.5	262.2	267.0	330.5	68.3	40	No	HTA3C05-40CM	
5xD	D	205.5	262.2	267.0	330.5	68.3	40	Yes	HTA3D05-40FM	
5xD	D	205.5	262.2	267.0	330.5	68.3	40	No	HTA3D05-40CM	
7xD	A	287.7	344.4	349.2	412.7	68.3	40	Yes	HTA3A07-40FM	
7xD	A	287.7	344.4	349.2	412.7	68.3	40	No	HTA3A07-40CM	
7xD	B	287.7	344.4	349.2	412.7	68.3	40	Yes	HTA3B07-40FM	
7xD	B	287.7	344.4	349.2	412.7	68.3	40	No	HTA3B07-40CM	
7xD	C	287.7	344.4	349.2	412.7	68.3	40	Yes	HTA3C07-40FM	
7xD	C	287.7	344.4	349.2	412.7	68.3	40	No	HTA3C07-40CM	
7xD	D	287.7	344.4	349.2	412.7	68.3	40	Yes	HTA3D07-40FM	
7xD	D	287.7	344.4	349.2	412.7	68.3	40	No	HTA3D07-40CM	

Connection Accessories

 Insert Screws	 Nylon Locking Screws	 Insert Driver	Admissible Tightening Torque*
7514-IP20-1	7514N-IP20-1	8IP-20	121.3 in-lbs (1370 N-cm)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

⚠ WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
email: engineering.eu@alliedmachine.com

A25: 58 - 65  A25: 46 - 49  A25: 50 - 53 

Key on A25: 1

 = Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

A25: 54

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A DRILLING

B BORING

C REAMING

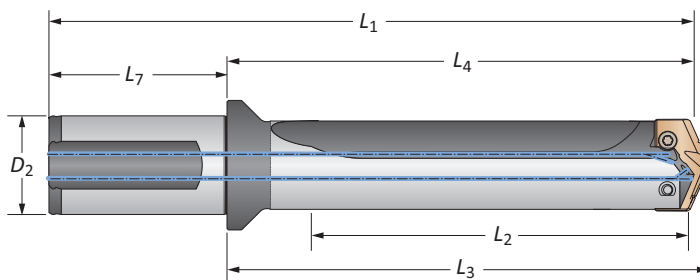
D BURNISHING

E THREADING

X SPECIALS

T-A Pro Drill Holders

3 Series Metric | Diameter Range: 35.05mm - 47.80mm



Length	Sub Series	Body				Shank			Flat	Part No
		L ₂	L ₄	L ₃	L ₁	L ₇	D ₂			
10xD	A	411.0	467.7	472.5	536.0	68.3	40	Yes	HTA3A10-40FM	
10xD	A	411.0	467.7	472.5	536.0	68.3	40	No	HTA3A10-40CM	
10xD	B	411.0	467.7	472.5	536.0	68.3	40	Yes	HTA3B10-40FM	
10xD	B	411.0	467.7	472.5	536.0	68.3	40	No	HTA3B10-40CM	
10xD	C	411.0	467.7	472.5	536.0	68.3	40	Yes	HTA3C10-40FM	
10xD	C	411.0	467.7	472.5	536.0	68.3	40	No	HTA3C10-40CM	
10xD	D	411.0	467.7	472.5	536.0	68.3	40	Yes	HTA3D10-40FM	
10xD	D	411.0	467.7	472.5	536.0	68.3	40	No	HTA3D10-40CM	
12xD	A	493.2	549.9	554.7	618.2	68.3	40	Yes	HTA3A12-40FM	
12xD	A	493.2	549.9	554.7	618.2	68.3	40	No	HTA3A12-40CM	
12xD	B	493.2	549.9	554.7	618.2	68.3	40	Yes	HTA3B12-40FM	
12xD	B	493.2	549.9	554.7	618.2	68.3	40	No	HTA3B12-40CM	
12xD	C	493.2	549.9	554.7	618.2	68.3	40	Yes	HTA3C12-40FM	
12xD	C	493.2	549.9	554.7	618.2	68.3	40	No	HTA3C12-40CM	
12xD	D	493.2	549.9	554.7	618.2	68.3	40	Yes	HTA3D12-40FM	
12xD	D	493.2	549.9	554.7	618.2	68.3	40	No	HTA3D12-40CM	
15xD	A	616.5	673.2	678.0	741.5	68.3	40	Yes	HTA3A15-40FM	
15xD	A	616.5	673.2	678.0	741.5	68.3	40	No	HTA3A15-40CM	
15xD	B	616.5	673.2	678.0	741.5	68.3	40	Yes	HTA3B15-40FM	
15xD	B	616.5	673.2	678.0	741.5	68.3	40	No	HTA3B15-40CM	
15xD	C	616.5	673.2	678.0	741.5	68.3	40	Yes	HTA3C15-40FM	
15xD	C	616.5	673.2	678.0	741.5	68.3	40	No	HTA3C15-40CM	
15xD	D	616.5	673.2	678.0	741.5	68.3	40	Yes	HTA3D15-40FM	
15xD	D	616.5	673.2	678.0	741.5	68.3	40	No	HTA3D15-40CM	

Connection Accessories

			Admissible Tightening Torque*
Insert Screws	Nylon Locking Screws	Insert Driver	
7514-IP20-1	7514N-IP20-1	8IP-20	121.3 in-lbs (1370 N-cm)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department. email: engineering.eu@alliedmachine.com

A25: 58 - 65 A25: 46 - 49 A25: 50 - 53

Key on A25: 1

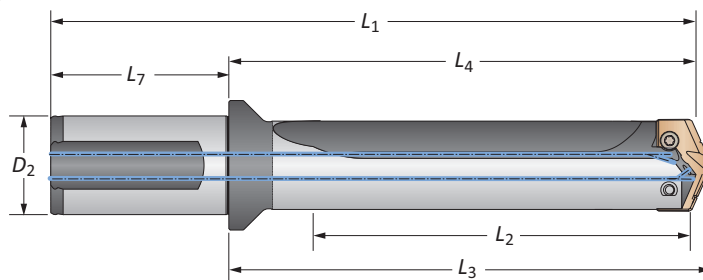
Ⓜ = Metric (mm)
Ⓢ = Imperial (in)

Screws sold in multiples of 10

A DRILLING
B BORING
C REAMING
D BURNISHING
E THREADING
X SPECIALS

T-A Pro Drill Holders

3 Series Imperial | Diameter Range: 1.380" - 1.882"



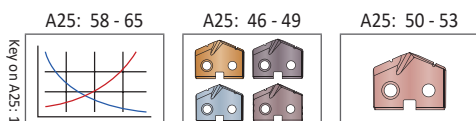
Body						Shank			Flat	Part No
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂			
STUB	A	1.618	3.634	3.821	6.322	2.688	1-1/2	Yes	HTA3A01-150F	
STUB	A	1.618	3.634	3.821	6.322	2.688	1-1/2	No	HTA3A01-150C	
STUB	B	1.618	3.634	3.821	6.322	2.688	1-1/2	Yes	HTA3B01-150F	
STUB	B	1.618	3.634	3.821	6.322	2.688	1-1/2	No	HTA3B01-150C	
STUB	C	1.618	3.634	3.821	6.322	2.688	1-1/2	Yes	HTA3C01-150F	
STUB	C	1.618	3.634	3.821	6.322	2.688	1-1/2	No	HTA3C01-150C	
STUB	D	1.618	3.634	3.821	6.322	2.688	1-1/2	Yes	HTA3D01-150F	
STUB	D	1.618	3.634	3.821	6.322	2.688	1-1/2	No	HTA3D01-150C	
3xD	A	4.854	7.089	7.276	9.777	2.688	1-1/2	Yes	HTA3A03-150F	
3xD	A	4.854	7.089	7.276	9.777	2.688	1-1/2	No	HTA3A03-150C	
3xD	B	4.854	7.089	7.276	9.777	2.688	1-1/2	Yes	HTA3B03-150F	
3xD	B	4.854	7.089	7.276	9.777	2.688	1-1/2	No	HTA3B03-150C	
3xD	C	4.854	7.089	7.276	9.777	2.688	1-1/2	Yes	HTA3C03-150F	
3xD	C	4.854	7.089	7.276	9.777	2.688	1-1/2	No	HTA3C03-150C	
3xD	D	4.854	7.089	7.276	9.777	2.688	1-1/2	Yes	HTA3D03-150F	
3xD	D	4.854	7.089	7.276	9.777	2.688	1-1/2	No	HTA3D03-150C	
5xD	A	8.090	10.325	10.512	13.013	2.688	1-1/2	Yes	HTA3A05-150F	
5xD	A	8.090	10.325	10.512	13.013	2.688	1-1/2	No	HTA3A05-150C	
5xD	B	8.090	10.325	10.512	13.013	2.688	1-1/2	Yes	HTA3B05-150F	
5xD	B	8.090	10.325	10.512	13.013	2.688	1-1/2	No	HTA3B05-150C	
5xD	C	8.090	10.325	10.512	13.013	2.688	1-1/2	Yes	HTA3C05-150F	
5xD	C	8.090	10.325	10.512	13.013	2.688	1-1/2	No	HTA3C05-150C	
5xD	D	8.090	10.325	10.512	13.013	2.688	1-1/2	Yes	HTA3D05-150F	
5xD	D	8.090	10.325	10.512	13.013	2.688	1-1/2	No	HTA3D05-150C	
7xD	A	11.326	13.561	13.748	16.249	2.688	1-1/2	Yes	HTA3A07-150F	
7xD	A	11.326	13.561	13.748	16.249	2.688	1-1/2	No	HTA3A07-150C	
7xD	B	11.326	13.561	13.748	16.249	2.688	1-1/2	Yes	HTA3B07-150F	
7xD	B	11.326	13.561	13.748	16.249	2.688	1-1/2	No	HTA3B07-150C	
7xD	C	11.326	13.561	13.748	16.249	2.688	1-1/2	Yes	HTA3C07-150F	
7xD	C	11.326	13.561	13.748	16.249	2.688	1-1/2	No	HTA3C07-150C	
7xD	D	11.326	13.561	13.748	16.249	2.688	1-1/2	Yes	HTA3D07-150F	
7xD	D	11.326	13.561	13.748	16.249	2.688	1-1/2	No	HTA3D07-150C	

Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Admissible Tightening Torque*
7514-IP20-1	7514N-IP20-1	8IP-20	121.3 in-lbs (1370 N-cm)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A25: 68 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com/DeepHoleGuidelines for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering department.
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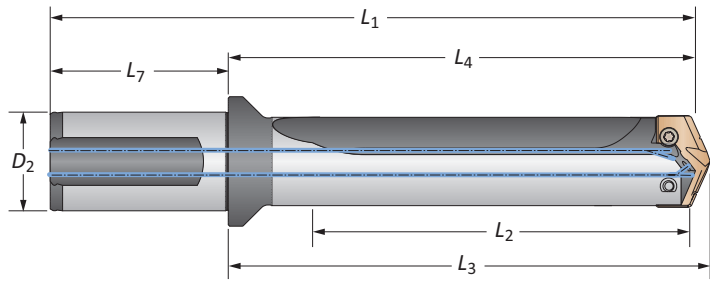


 = Metric (mm)
 = Imperial (in)

Screws sold in multiples of 10

T-A Pro Drill Holders

3 Series Imperial | Diameter Range: 1.380" - 1.882"



		Body				Shank				
Length	Sub Series	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	Part No	
10xD	A	16.180	18.415	18.602	21.103	2.688	1-1/2	Yes	HTA3A10-150F	
10xD	A	16.180	18.415	18.602	21.103	2.688	1-1/2	No	HTA3A10-150C	
10xD	B	16.180	18.415	18.602	21.103	2.688	1-1/2	Yes	HTA3B10-150F	
10xD	B	16.180	18.415	18.602	21.103	2.688	1-1/2	No	HTA3B10-150C	
10xD	C	16.180	18.415	18.602	21.103	2.688	1-1/2	Yes	HTA3C10-150F	
10xD	C	16.180	18.415	18.602	21.103	2.688	1-1/2	No	HTA3C10-150C	
10xD	D	16.180	18.415	18.602	21.103	2.688	1-1/2	Yes	HTA3D10-150F	
10xD	D	16.180	18.415	18.602	21.103	2.688	1-1/2	No	HTA3D10-150C	
12xD	A	19.416	21.651	21.838	24.339	2.688	1-1/2	Yes	HTA3A12-150F	
12xD	A	19.416	21.651	21.838	24.339	2.688	1-1/2	No	HTA3A12-150C	
12xD	B	19.416	21.651	21.838	24.339	2.688	1-1/2	Yes	HTA3B12-150F	
12xD	B	19.416	21.651	21.838	24.339	2.688	1-1/2	No	HTA3B12-150C	
12xD	C	19.416	21.651	21.838	24.339	2.688	1-1/2	Yes	HTA3C12-150F	
12xD	C	19.416	21.651	21.838	24.339	2.688	1-1/2	No	HTA3C12-150C	
12xD	D	19.416	21.651	21.838	24.339	2.688	1-1/2	Yes	HTA3D12-150F	
12xD	D	19.416	21.651	21.838	24.339	2.688	1-1/2	No	HTA3D12-150C	
15xD	A	24.270	26.505	26.692	29.193	2.688	1-1/2	Yes	HTA3A15-150F	
15xD	A	24.270	26.505	26.692	29.193	2.688	1-1/2	No	HTA3A15-150C	
15xD	B	24.270	26.505	26.692	29.193	2.688	1-1/2	Yes	HTA3B15-150F	
15xD	B	24.270	26.505	26.692	29.193	2.688	1-1/2	No	HTA3B15-150C	
15xD	C	24.270	26.505	26.692	29.193	2.688	1-1/2	Yes	HTA3C15-150F	
15xD	C	24.270	26.505	26.692	29.193	2.688	1-1/2	No	HTA3C15-150C	
15xD	D	24.270	26.505	26.692	29.193	2.688	1-1/2	Yes	HTA3D15-150F	
15xD	D	24.270	26.505	26.692	29.193	2.688	1-1/2	No	HTA3D15-150C	

i

A

DRILLING

B

BORING

C

REAMING

D

BURNISHING




F

THREADING

X

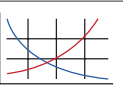
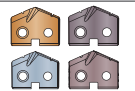
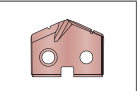
SPECIALS

Connection Accessories



 Insert Screws	 Nylon Locking Screws	 Insert Driver	Admissible Tightening Torque*
7514-IP20-1	7514N-IP20-1	8IP-20	121.3 in-lbs (1370 N-cm)

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