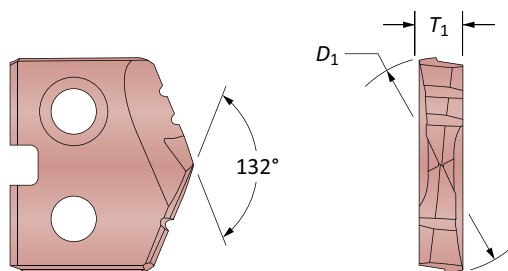
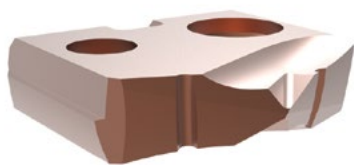




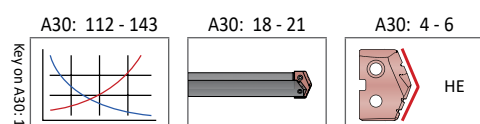
GEN2 T-A® Drill Inserts

Y Series | Diameter Range: 9.5mm - 11.07mm (0.374" - 0.436")



HSS Inserts – Super Cobalt • Carbide Inserts – K20 (C2) | K35 (C1)

Insert				HSS Part No.	Carbide Part No.	
D_1 mm	D_1 inch	Fractional Equivalent	T_1 mm	 Super Cobalt	 K20 (C2)	 K35 (C1)
9.50	0.3740	–	2.38	45YH-9.5	4C2YH-9.5	4C1YH-9.5
9.53	0.3750	3/8		45YH-0012	4C2YH-0012	4C1YH-0012
9.80	0.3860	W		45YH-.386	4C2YH-.386	4C1YH-.386
9.92	0.3906	25/64		45YH-.390	4C2YH-.390	4C1YH-.390
10.00	0.3937	–		45YH-10	4C2YH-10	4C1YH-10
10.20	0.4016	–		45YH-10.2	4C2YH-10.2	4C1YH-10.2
10.32	0.4063	13/32		45YH-0013	4C2YH-0013	4C1YH-0013
10.50	0.4134	–		45YH-10.5	4C2YH-10.5	4C1YH-10.5
10.72	0.4219	27/64		45YH-.421	4C2YH-.421	4C1YH-.421
10.80	0.4252	–		45YH-10.8	4C2YH-10.8	4C1YH-10.8
11.00	0.4331	–		45YH-11	4C2YH-11	4C1YH-11



Coatings not listed above
can be supplied as
non-stocked standards.

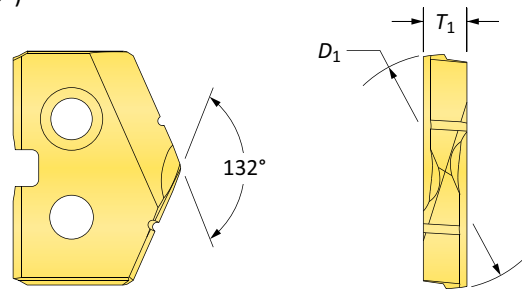


TiN = 131T-XXXX	TiAlN = 131A-XXXX
TiCN = 131N-XXXX	AM200® = 131H-XXXX

Inserts sold in quantities of 2

T-A® Original Drill Inserts

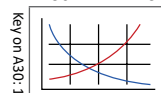
Y Series | HSS | Diameter Range: 9.5mm - 11.07mm (0.374" - 0.436")



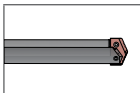
HSS Inserts – Premium Cobalt

Insert				Part No.		
D_1 mm	D_1 inch	Fractional Equivalent	T_1 mm	 TiN	 TiAlN	 TiCN
9.50	0.3740	–	2.38	18YT-9.5	18YA-9.5	18YN-9.5
9.53	0.3750	3/8		18YT-0012	18YA-0012	18YN-0012
9.80	0.3860	W		18YT-.386	18YA-.386	18YN-.386
9.92	0.3906	25/64		18YT-.390	18YA-.390	18YN-.390
10.00	0.3937	–		18YT-10	18YA-10	18YN-10
10.20	0.4016	–		18YT-10.2	18YA-10.2	18YN-10.2
10.32	0.4063	13/32		18YT-0013	18YA-0013	18YN-0013
10.50	0.4134	–		18YT-10.5	18YA-10.5	18YN-10.5
10.72	0.4219	27/64		18YT-.421	18YA-.421	18YN-.421
10.80	0.4252	–		18YT-10.8	18YA-10.8	18YN-10.8
11.00	0.4331	–		18YT-11	18YA-11	18YN-11

A30: 112 - 143



A30: 18 - 21



A30: 4 - 6



HI, HR, CR, TC, SK,
NP, IN, RN, CN, AN,
BR, CI, CP, NC, WC

Coatings not listed above
can be supplied as
non-stocked standards.



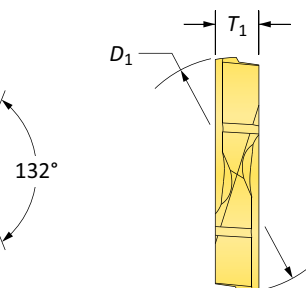
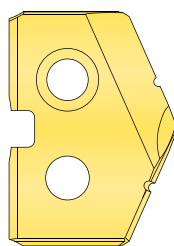
Inserts sold in quantities of 2

TiN = 131T-XXXX	TiAlN = 131A-XXXX
TiCN = 131N-XXXX	AM200® = 131H-XXXX



T-A® Original Drill Inserts

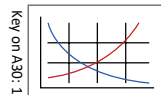
Y Series | HSS | Diameter Range: 9.5mm - 11.07mm (0.374" - 0.436")



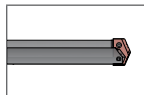
HSS Inserts – Super Cobalt

Insert				Part No.		
D_1 mm	D_1 inch	Fractional Equivalent	T_1 mm	 TiN	 TiAlN	 TiCN
9.50	0.3740	–	2.38	15YT-9.5	15YA-9.5	15YN-9.5
9.53	0.3750	3/8		15YT-0012	15YA-0012	15YN-0012
9.80	0.3860	W		15YT-.386	15YA-.386	15YN-.386
9.92	0.3906	25/64		15YT-.390	15YA-.390	15YN-.390
10.00	0.3937	–		15YT-10	15YA-10	15YN-10
10.20	0.4016	–		15YT-10.2	15YA-10.2	15YN-10.2
10.32	0.4063	13/32		15YT-0013	15YA-0013	15YN-0013
10.50	0.4134	–		15YT-10.5	15YA-10.5	15YN-10.5
10.72	0.4219	27/64		15YT-.421	15YA-.421	15YN-.421
10.80	0.4252	–		15YT-10.8	15YA-10.8	15YN-10.8
11.00	0.4331	–		15YT-11	15YA-11	15YN-11

A30: 112 - 143



A30: 18 - 21



A30: 4 - 6



HI, HR, CR, TC, SK,
NP, IN, RN, CN, AN,
BR, CI, CP, NC, WC

Coatings not listed above
can be supplied as
non-stocked standards.



Inserts sold in quantities of 2

TiN = 131T-XXXX

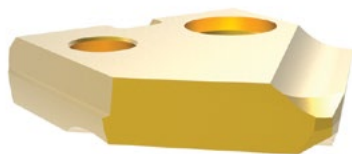
TiAlN = 131A-XXXX

TiCN = 131N-XXXX

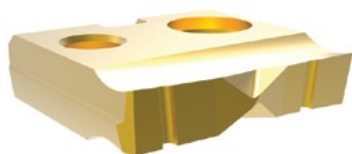
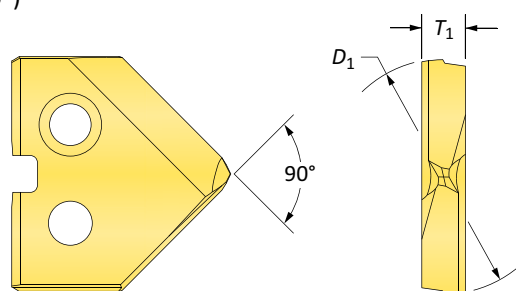
AM200® = 131H-XXXX

T-A® Original Drill Inserts

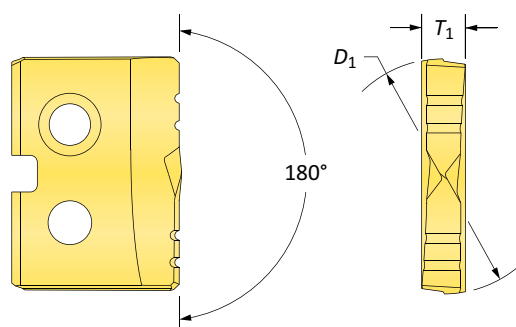
Y Series | HSS | Diameter Range: 9.5mm - 11.07mm (0.374" - 0.436")



90° Spot & Chamfer



Flat Bottom



HSS Inserts – Super Cobalt

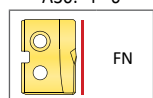
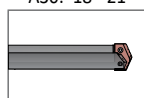
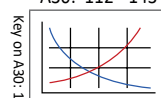
Insert				90° Spot & Chamfer Part No.			Flat Bottom Part No.
D_1 mm	D_1 inch	Fractional Equivalent	T_1 mm				
9.50	0.3740	–	2.38	15YT-9.5-SP	15YA-9.5-SP	15YN-9.5-SP	15YT-9.5-FB
9.53	0.3750	3/8		15YT-0012-SP	15YA-0012-SP	15YN-0012-SP	15YT-0012-FB
9.80	0.3860	W		15YT-.386-SP	15YA-.386-SP	15YN-.386-SP	15YT-.386-FB
9.92	0.3906	25/64		15YT-.390-SP	15YA-.390-SP	15YN-.390-SP	15YT-.390-FB
10.00	0.3937	–		15YT-10-SP	15YA-10-SP	15YN-10-SP	15YT-10-FB
10.20	0.4016	–		15YT-10.2-SP	15YA-10.2-SP	15YN-10.2-SP	15YT-10.2-FB
10.32	0.4063	13/32		15YT-0013-SP	15YA-0013-SP	15YN-0013-SP	15YT-0013-FB
10.50	0.4134	–		15YT-10.5-SP	15YA-10.5-SP	15YN-10.5-SP	15YT-10.5-FB
10.72	0.4219	27/64		15YT-.421-SP	15YA-.421-SP	15YN-.421-SP	15YT-.421-FB
10.80	0.4252	–		15YT-10.8-SP	15YA-10.8-SP	15YN-10.8-SP	15YT-10.8-FB
11.00	0.4331	–		15YT-11-SP	15YA-11-SP	15YN-11-SP	15YT-11-FB

A30: 112 - 143

A30: 18 - 21

A30: 4 - 6

A30: 4 - 6



Coatings not listed above can be supplied as non-stocked standards.



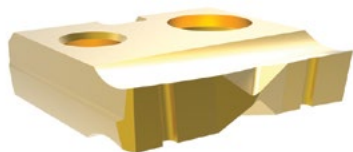
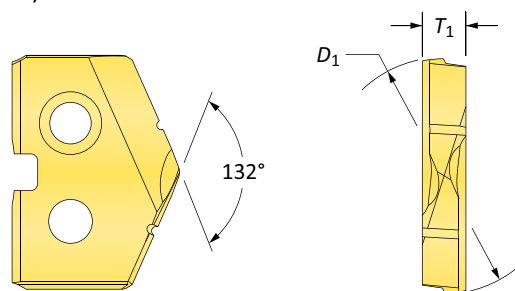
Inserts sold in quantities of 2

TiN = 131T-XXXX	TiAlN = 131A-XXXX
TiCN = 131N-XXXX	AM200® = 131H-XXXX

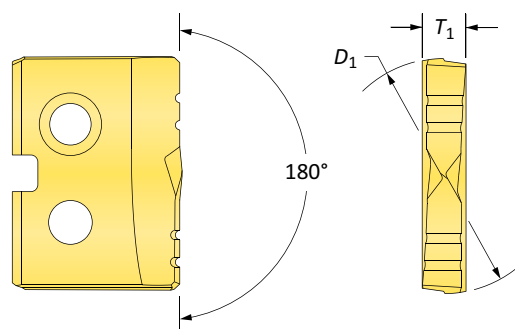


T-A® Original Drill Inserts

Y Series | Carbide | Diameter Range: 9.5mm - 11.07mm (0.374" - 0.436")



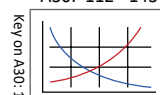
Flat Bottom



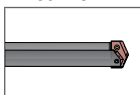
Carbide Inserts – K20 (C2)

Insert				Part No.		Flat Bottom Part No.
D_1 mm	D_1 inch	Fractional Equivalent	T_1 mm	 TiN	 TiAlN	 TiN
9.50	0.3740	–	2.38	1C2YT-9.5	1C2YA-9.5	1C2YT-9.5-FB
9.53	0.3750	3/8		1C2YT-0012	1C2YA-0012	1C2YT-0012-FB
9.80	0.3860	W		1C2YT-.386	1C2YA-.386	1C2YT-.386-FB
9.92	0.3906	25/64		1C2YT-.390	1C2YA-.390	1C2YT-.390-FB
10.00	0.3937	–		1C2YT-10	1C2YA-10	1C2YT-10-FB
10.20	0.4016	–		1C2YT-10.2	1C2YA-10.2	1C2YT-10.2-FB
10.32	0.4063	13/32		1C2YT-0013	1C2YA-0013	1C2YT-0013-FB
10.50	0.4134	–		1C2YT-10.5	1C2YA-10.5	1C2YT-10.5-FB
10.72	0.4219	27/64		1C2YT-.421	1C2YA-.421	1C2YT-.421-FB
10.80	0.4252	–		1C2YT-10.8	1C2YA-10.8	1C2YT-10.8-FB
11.00	0.4331	–		1C2YT-11	1C2YA-11	1C2YT-11-FB

A30: 112 - 143



A30: 18 - 21

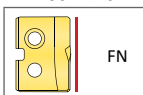


A30: 4 - 6



HI, HR, CR, TC, SK,
NP, IN, RN, CN, AN,
BR, CI, CP, NC, WC

A30: 4 - 6



FN

Coatings not listed above
can be supplied as
non-stocked standards.

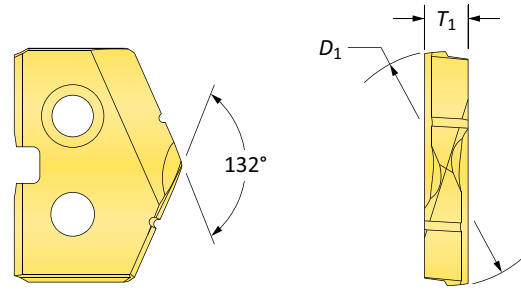


Inserts sold in quantities of 2

TiN = 131T-XXXX	TiAlN = 131A-XXXX
TiCN = 131N-XXXX	AM200® = 131H-XXXX

T-A® Original Drill Inserts

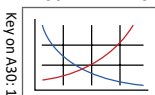
Y Series | Carbide | Diameter Range: 9.5mm - 11.07mm (0.374" - 0.436")



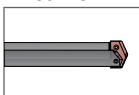
Carbide Inserts – P40 (C5) | K10 (C3) | N2

Insert				C5 Part No.		C3 Part No.	N2 Part No.
D_1 mm	D_1 inch	Fractional Equivalent	T_1 mm	 TiN	 TiAlN	 TiAlN (Cast Iron)	 Diamond Film
9.50	0.3740	–	2.38	1C5YT-9.5	1C5YA-9.5	1C3YA-9.5-CI	1N2YD-9.5
9.53	0.3750	3/8		1C5YT-0012	1C5YA-0012	1C3YA-0012-CI	1N2YD-0012
9.80	0.3860	W		1C5YT-.386	1C5YA-.386	1C3YA-.386-CI	1N2YD-.386
9.92	0.3906	25/64		1C5YT-.390	1C5YA-.390	1C3YA-.390-CI	1N2YD-.390
10.00	0.3937	–		1C5YT-10	1C5YA-10	1C3YA-10-CI	1N2YD-10
10.20	0.4016	–		1C5YT-10.2	1C5YA-10.2	1C3YA-10.2-CI	1N2YD-10.2
10.32	0.4063	13/32		1C5YT-0013	1C5YA-0013	1C3YA-0013-CI	1N2YD-0013
10.50	0.4134	–		1C5YT-10.5	1C5YA-10.5	1C3YA-10.5-CI	1N2YD-10.5
10.72	0.4219	27/64		1C5YT-.421	1C5YA-.421	1C3YA-.421-CI	1N2YD-.421
10.80	0.4252	–		1C5YT-10.8	1C5YA-10.8	1C3YA-10.8-CI	1N2YD-10.8
11.00	0.4331	–		1C5YT-11	1C5YA-11	1C3YA-11-CI	1N2YD-11

A30: 112 - 143



A30: 18 - 21



A30: 4 - 6



HI, HR, CR, TC, SK,
NP, IN, RN, CN, AN,
BR, CI, CP, NC, WC

Coatings not listed above
can be supplied as
non-stocked standards.



Inserts sold in quantities of 2

TiN = 131T-XXXX	TiAlN = 131A-XXXX
TiCN = 131N-XXXX	AM200® = 131H-XXXX

A

DRILLING

B

BORING

C

REAMING

D

BURNISHING

E

THREADING

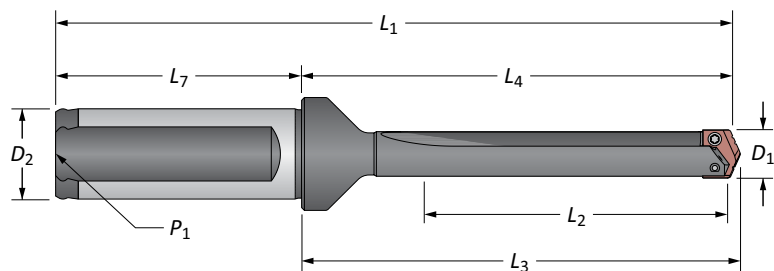
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SPECIALS

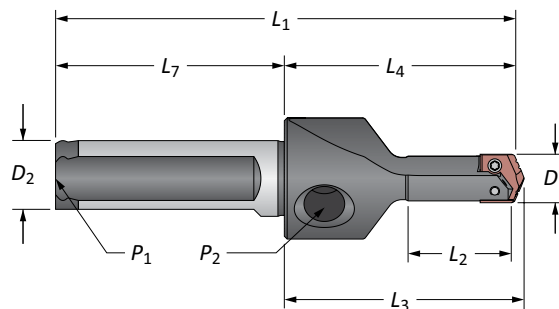


T-A® Drill Insert Holders

Y Series | Flangedd Shank



Stub Length



Straight Flute

	Length	D ₁	Body				Shank			Part No.
			L ₂	L ₄	L ₃	L ₁	D ₂	L ₇	P ₁	
m	Stub	9.5 - 11.0	19.1	47.6	50.0	95.6	16.0	48.0	1/16*	210Y0S-16FM
	Short	9.5 - 11.0	31.8	61.1	63.5	111.1	20.0	50.0	1/8*	220Y0S-20FM
	XL	9.5 - 11.0	222	251.7	254.1	301.7	20.0	50.0	1/8*	⚠ 270Y0S-20FM
	3XL	9.5 - 11.0	290	319.9	322.3	369.9	20.0	50.0	1/8*	⚠ 290Y0S-20FM
i	Stub	3/8 - 27/64	3/4	1-7/8	1-31/32	3-3/4	5/8	1-7/8	1/16	210Y0S-063F
	Short	3/8 - 27/64	1-1/4	2-13/32	2-1/2	4-7/16	3/4	2-1/32	1/8	220Y0S-075F
	Standard	3/8 - 27/64	2-3/8	3-17/32	3-5/8	5-9/16	3/4	2-1/32	1/8	240Y0S-075F
	Extended	3/8 - 27/64	4-3/8	5-17/32	5-5/8	7-9/16	3/4	2-1/32	1/8	⚠ 250Y0S-075F

*Metric thread to BSP and ISO 7-1

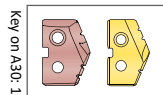
NOTE: Stub length holders have a 1/8" side pipe tap (P₂)

Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
724-IP7-1	724N-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

A30: 12 - 17



m = Metric (mm)

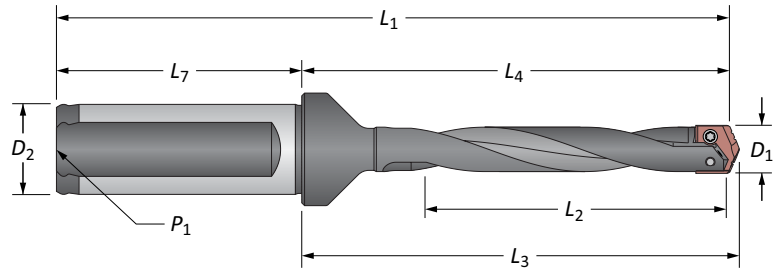
i = Imperial (in)

Screws sold in quantities of 10

1. WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A30: 150 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering Team.

T-A® Drill Insert Holders

Y Series | Flanged Shank



Helical Flute

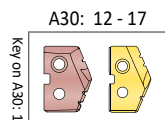
	Length	D ₁	Body				Shank			Part No.
			L ₂	L ₄	L ₃	L ₁	D ₂	L ₇	P ₁	
m	Standard	9.5 - 11.0	60.3	89.7	92.1	139.7	20.0	50.0	1/8*	240Y0H-20FM
	Standard Plus	9.5 - 11.0	86.0	115.4	117.8	165.4	20.0	50.0	1/8*	⚠ 245Y0H-20FM
	Extended	9.5 - 11.0	111.1	140.5	142.9	190.5	20.0	50.0	1/8*	⚠ 250Y0H-20FM
i	Standard	3/8 - 27/64	2-3/8	3-17/32	3-5/8	5-9/16	3/4	2-1/32	1/8	240Y0H-075F
	Standard Plus	3/8 - 27/64	3-3/8	4-35/64	4-41/64	6-43/64	3/4	2-1/32	1/8	⚠ 245Y0H-075F
	Extended	3/8 - 27/64	4-3/8	5-17/32	5-5/8	7-9/16	3/4	2-1/32	1/8	⚠ 250Y0H-075F

*Metric thread to BSP and ISO 7-1

Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
724-IP7-1	724N-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



m = Metric (mm)

i = Imperial (in)

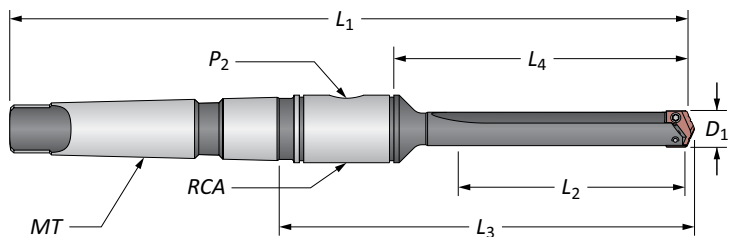
Screws sold in quantities of 10

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A30: 150 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering Team.



T-A® Drill Insert Holders

Y Series | Taper Shank

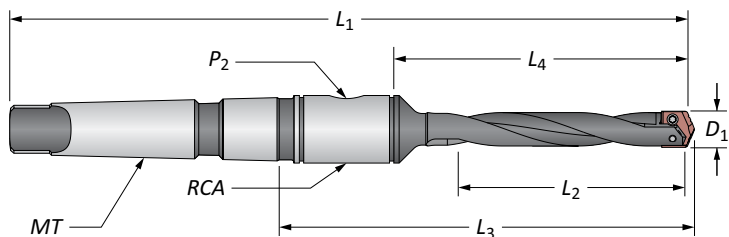


Straight Flute

	Length	D ₁	Body				Shank			Part No.
			L ₂	L ₄	L ₃	L ₁	MT	P ₂	RCA	
m	Short	9.5 - 11.0	31.8	51.5	88.0	160.3	#2**	1/16*	2T-2SRM	220Y0S-002M
i	Short	3/8 - 27/64	1-1/4	2-1/32	3-15/32	6-5/16	#2	1/16	2T-2SR	220Y0S-002I
	Standard	3/8 - 27/64	2-3/8	3-5/32	4-19/32	7-7/16	#2	1/16	2T-2SR	240Y0S-002I
	Extended	3/8 - 27/64	4-3/8	5-5/32	6-19/32	9-7/16	#2	1/16	2T-2SR	250Y0S-002I

*Metric thread to BSP and ISO 7-1

**Per ISO 296 type BEK



Helical Flute

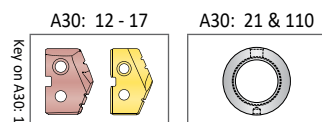
	Length	D ₁	Body				Shank			Part No.
			L ₂	L ₄	L ₃	L ₁	MT	P ₂	RCA	
m	Standard	9.5 - 11.0	60.3	80.2	116.7	188.9	#2**	1/16*	2T-2SRM	240Y0H-002M
	Extended	9.5 - 11.0	111.1	130.9	167.4	239.7	#2**	1/16*	2T-2SRM	250Y0H-002M
i	Standard	3/8 - 27/64	2-3/8	3-5/32	4-19/32	7-7/16	#2	1/16	2T-2SR	240Y0H-002I
	Extended	3/8 - 27/64	4-3/8	5-5/32	6-19/32	9-7/16	#2	1/16	2T-2SR	250Y0H-002I

*Metric thread to BSP and ISO 7-1

**Per ISO 296 type BEK

Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
724-IP7-1	724N-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**m** = Metric (mm)**i** = Imperial (in)

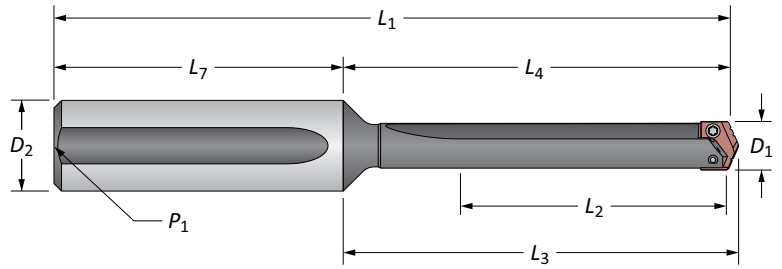
Screws sold in quantities of 10

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A30: 150 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering Team.



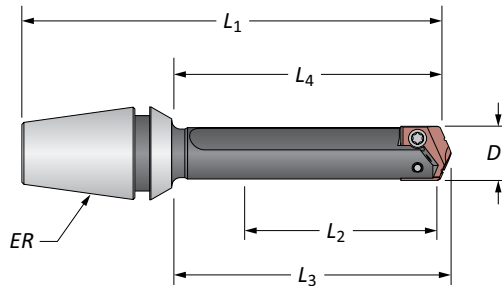
T-A® Drill Insert Holders

Y Series | Straight Shank | ER Collet



Straight Flute

	Length	D ₁	Body				Shank			Part No.
			L ₂	L ₄	L ₃	L ₁	D ₂	L ₇	P ₁	
i	Short	3/8 - 27/64	1-1/4	2-1/32	2-1/8	4-13/32	3/4	2-3/8	1/8	220Y0S-075L
	Standard	3/8 - 27/64	2-3/8	3-5/32	3-1/4	5-17/32	3/4	2-3/8	1/8	240Y0S-075L
	Extended	3/8 - 27/64	4-3/8	5-5/32	5-1/4	7-17/32	3/4	2-3/8	1/8	250Y0S-075L
	XL	3/8 - 27/64	8-3/4	9-17/32	9-5/8	11-29/32	3/4	2-3/8	1/8	270Y0S-075L
	3XL	3/8 - 27/64	11-7/16	12-7/32	12-5/16	14-19/32	3/4	2-3/8	1/8	290Y0S-075L



ER Collet Holder

	D ₁	L ₂	L ₄	L ₃	L ₁	ER	Part No.	Collet Nut without Retaining Ring
i	3/8 - 27/64	1-3/8	1-29/32	2	3-5/64	ER-16	210Y0S-16ER	ER-16N
	3/8 - 27/64	1-3/8	1-29/32	2	3-15/64	ER-20	210Y0S-20ER	ER-20N

T-A® Drill Accessories

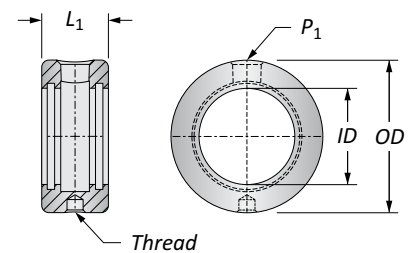
Y Series | Rotary Coolant Adapters | Torx® Plus Screws

Rotary Coolant Adapter (RCA) and Accessories

	ID	OD	L ₁	Driving Rod Thread	P ₁	RCA O-Rings		
						Part No.	Kit Part No.**	Replacements
m	19.05	44.45	22.23	M8 x 1.25	1/8*	2T-2SRM	2T1-2SR	2T1-2OR-10
i	3/4	1-3/4	7/8	5/16-18	1/8	2T-2SR	2T1-2SR	2T1-2OR-10

*Thread to BSP and ISO 7-1 | **RCA Repair Kit includes (2) O-rings, (2) snap rings, and (2) thrust washers

Refer to page A30: 110 for proper RCA assembly and safety information



Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
724-IP7-1	724N-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 A30: 150 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering Team.

m = Metric (mm)
i = Imperial (in)
Screws sold in packs of 10
O-rings sold in packs of 10