

T-A® Drill Accessories

7/8 Series | Rotary Coolant Adapters | Torx® Plus Screws

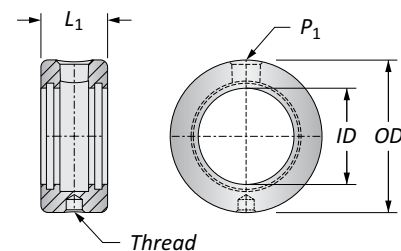
Rotary Coolant Adapter (RCA) and Accessories

ID	OD	L ₁	Driving Rod Thread	P ₁	Part No.	RCA O-Rings	
						Kit Part No.**	Replacements
 57.15	95.27	44.45	M12 x 1.75	1/2*	 2T-6SRM	2T1-6SR	2T1-6OR-10
 2-1/4	3-3/4	1-3/4	1/2-13	1/2	 2T-6SR	2T1-6SR	2T1-6OR-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

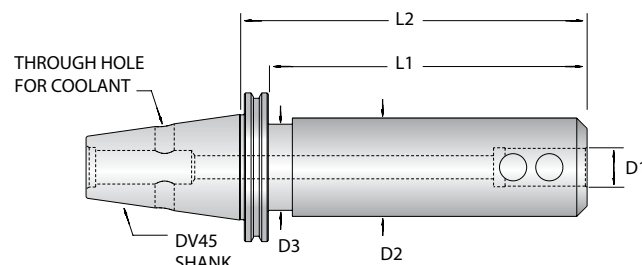


Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
7619-IP25-1	—	8IP-25	—	—	1750 N-cm (155.0 in-lbs)

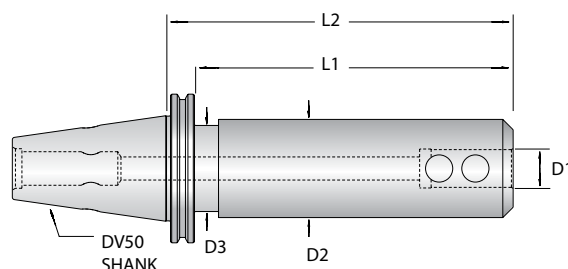
*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

DV45 & DV50 Adaptors



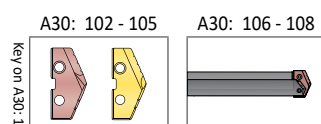
DV45 Adaptor

Item Number	Outer Taper	D1 Inner Ø mm	D2 Ø	D3 Ø	L1	L2	Qty of Clamping Screws
AMDV45-EM20-120	DV45	20	52	57	101	120	1
AMDV45-EM25-120	DV45	25	65	57	101	120	2
AMDV45-EM32-120	DV45	32	78	57	101	120	2
AMDV45-EM20-230	DV45	20	52	57	211	230	1
AMDV45-EM25-230	DV45	25	65	57	211	230	2
AMDV45-EM32-230	DV45	32	78	57	211	230	2



DV50 Adaptor

Item Number	Outer Taper	D1 Inner Ø mm	D2 Ø	D3 Ø	L1	L2	Qty of Clamping Screws
AMDV45-EM50-120	DV50	50	100	69.858	100	120	2



 = Metric (mm)

 = Imperial (in)

Inserts sold separately
Screws sold in packs of 10
O-rings sold in packs 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.

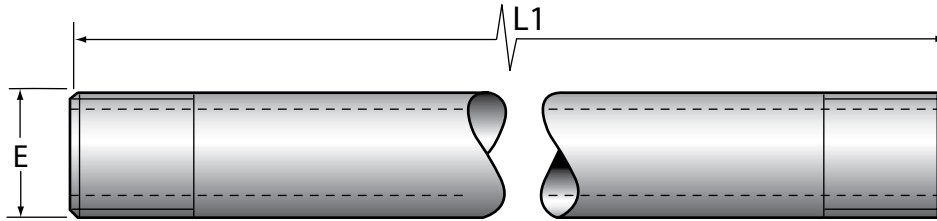


T-A® Drill Accessories

A

DRILLING

Coolant Pipe Extension/Steady Bar



B

BORING

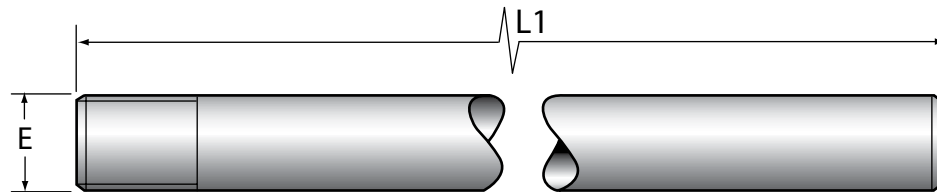
Item Number	Normal Pipe Thread E	L1 mm
302T-2SRM	1/8"	150
302T-3SRM	1/8"	150
302T-4SRM	1/4"	200
302T-5SRM	1/4"	200
302T-6SRM	1/2"	200

Note: Always use a steady bar when using a RCA adaptor

C

REAMING

Solid Steady Bar



D

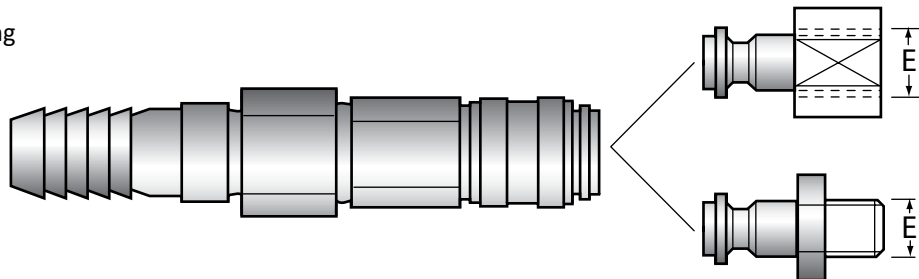
BURNISHING

Item Number	Thread Size E	L1 mm
312T-2SRM	M8	250
312T-3SRM	M8	250
312T-4SRM	M10	250
312T-5SRM	M10	250
312T-6SRM	M12	250

E

THREADING

Fast Action Coupling



X

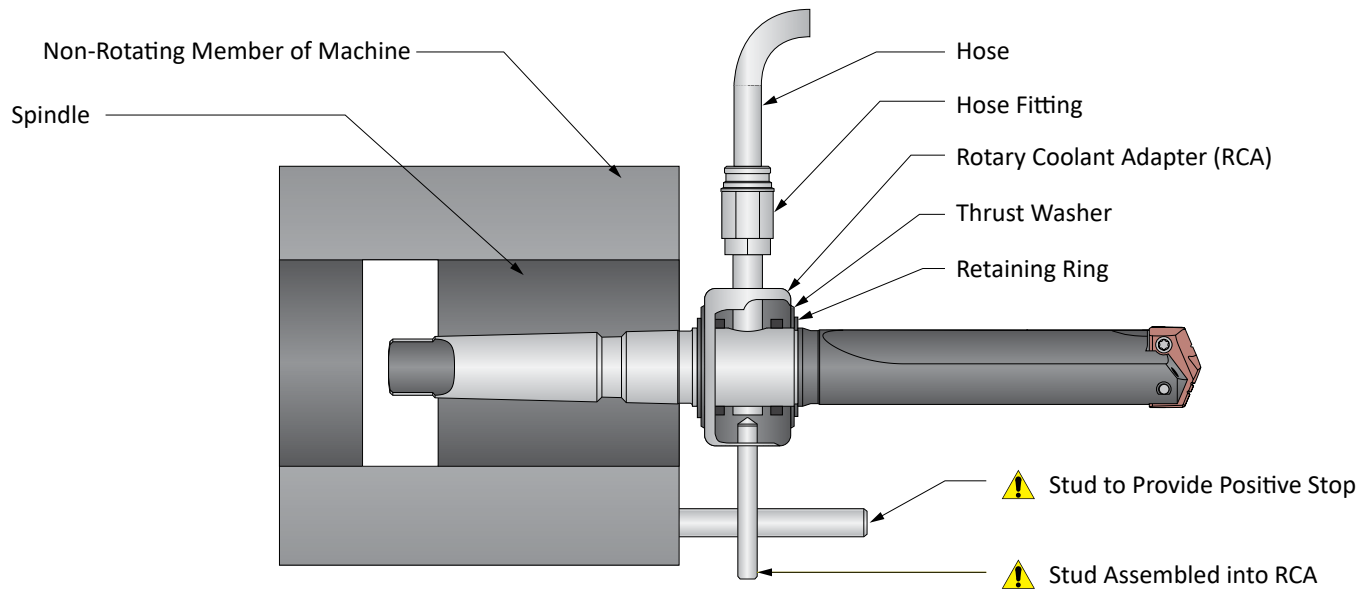
SPECIALS

Item Number	Normal Pipe Thread E	Hose Ø
322T-2SRM	1/8"	9mm
322T-3SRM	1/8"	9mm
322T-4SRM	1/4"	9mm
322T-5SRM	1/4"	12mm
322T-6SRM	1/2"	12mm

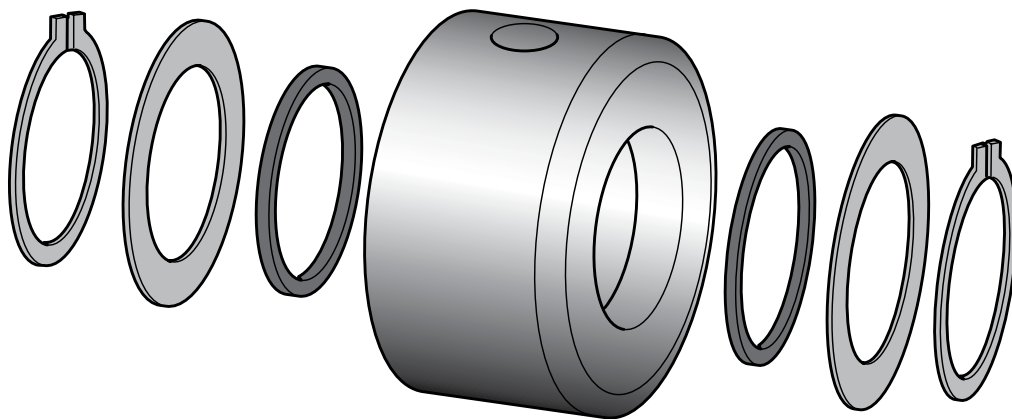


Rotary Coolant Adapters (RCA)

RCA Assembly



RCA Assembly and Repair Kit

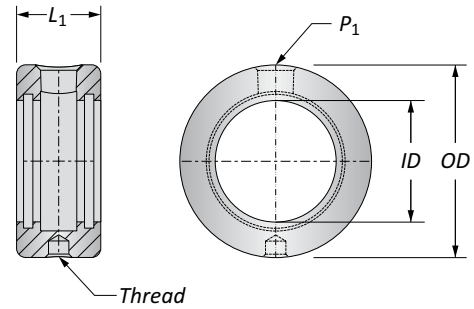


Item Number	Drill Range	Catalogue Number
		RCA Repair Kit
2T-2SRM	9.50 - 11.07mm	2T1-2SR
2T-2SRM	11.10 - 12.95mm	2T1-2SR
2T-2SRM	12.98 - 17.65mm	2T1-2SR
2T-3SRM	17.63 - 24.38mm	2T1-3SR
2T-3SRM	24.41 - 35.05mm	2T1-3SR
2T-4SRM	30.00 - 35.05mm	2T1-4SR
2T-4SRM	34.37 - 47.80mm	2T1-4SR
2T-5SRM	46.99 - 65.28mm	2T1-5SR
2T-6SRM	62.38 - 89.08mm	2T1-6SR
2T-6SRM	87.76 - 160.00mm	2T1-6SR



Rotary Coolant Adapters (RCA)

Morse Taper Shanks



	Holder Series	ID	OD	L ₁	Driving Rod Thread	P ₁	Part No.	Max Recommended RPM	RCA O-Rings	
									Kit Part No.**	Replacements
M	Y, Z, 0	19.05	44.45	22.23	M8 x 1.25	1/8*	⚠ 2T-2SRM	3500	2T1-2SR	2T1-2OR-10
	1, 2	25.40	53.98	28.57	M8 x 1.25	1/8*	⚠ 2T-3SRM	2500	2T1-3SR	2T1-3OR-10
	2, 3, 4	31.75	63.50	34.92	M10 x 1.50	1/4*	⚠ 2T-4SRM	2000	2T1-4SR	2T1-4OR-10
	3, 4	44.45	76.20	34.92	M10 x 1.50	1/4*	⚠ 2T-5SRM	1500	2T1-5SR	2T1-5OR-10
	5, 7	57.15	95.25	44.45	M12 x 1.75	1/2*	⚠ 2T-6SRM	1100	2T1-6SR	2T1-6OR-10
I	Y, Z, 0	3/4	1-3/4	7/8	5/16 - 18	1/8	⚠ 2T-2SR	3500	2T1-2SR	2T1-2OR-10
	1, 2	1	2-1/8	1-1/8	5/16 - 18	1/8	⚠ 2T-3SR	2500	2T1-3SR	2T1-3OR-10
	2, 3, 4	1-1/4	2-1/2	1-3/8	3/8 - 16	1/4	⚠ 2T-4SR	2000	2T1-4SR	2T1-4OR-10
	3, 4	1-3/4	3	1-3/8	3/8 - 16	1/4	⚠ 2T-5SR	1500	2T1-5SR	2T1-5OR-10
	5, 7	2-1/4	3-3/4	1-3/4	1/2 - 13	1/2	⚠ 2T-6SR	1100	2T1-6SR	2T1-6OR-10

*Thread to BSP and ISO 7-1

**RCA Repair Kit includes (2) O-rings, (2) snap rings, and (2) thrust washers

NOTE: Max recommended pressure is 42 bar (600 PSI)**NOTE:** Recommendations above are based on water and oil based coolants

M = Metric (mm)

I = Imperial (in)

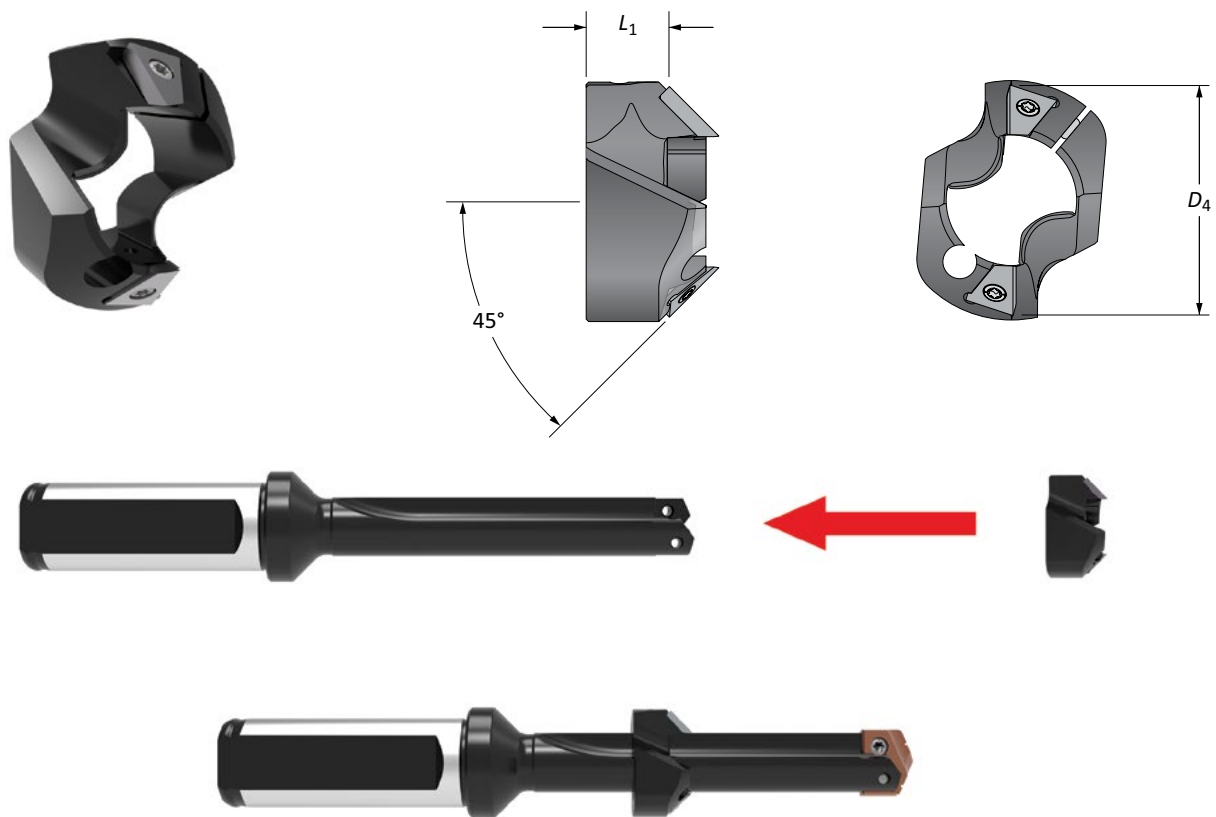
O-rings sold in packs of 10

⚠ WARNING RCA rotation during drilling can cause hose and/or hose fitting failure, machinery damage, and/or serious injury. To prevent, use RCA and positive stop studs when drilling. Factory technical assistance is also available for your specific applications.



T-ACR-45 Chamfer Rings

Straight Flute Holders



Holder Series	D_1 Range	Chamfer Ring		Part No.	Insert Part No.	Insert Screw	Insert Driver	Clamping Screw	Insert Driver
		D_4	L_1						
0	13.0 - 17.5	20.63	17.17	T-ACR-45-0	T-ACRI-45-B-C5A	7255-IP8-1	8IP-8	7375-IP9-1	8IP-9
1	18.0 - 24.0	26.59	20.24	T-ACR-45-1	T-ACRI-45-B-C5A	7255-IP8-1	8IP-8	7495-IP15-1	8IP-15
1.5	22.0 - 24.0	28.58	22.62	T-ACR-45-1.5	T-ACRI-45-B-C5A	7255-IP8-1	8IP-8	7495-IP15-1	8IP-15
2	25.0 - 35.0	39.68	25.40	T-ACR-45-2	T-ACRI-45-B-C5A	7255-IP8-1	8IP-8	7514-IP20-1	8IP-20

Highlights and Other Information

- Produces a 45° chamfer only
- Clamping screw allows for setting at any length along the flute
- Double effective cutting with face mounted inserts provides increased feed rates and greater insert strength
- The ring is balanced to match the holder centre of gravity to ensure stability
- Inserts only available in C5 carbide and TiAlN coating
- Ideal for short-run or time sensitive jobs that require quick delivery



IMPORTANT: T-A® chamfer rings can only be used with straight flute T-A® holders

Inserts sold in quantities of 2
Screws sold in quantities of 10