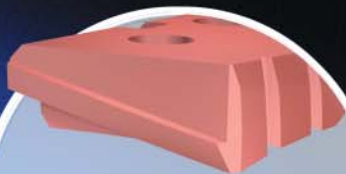


GEN2 T-A™

Next Generation Technology



Helical Margin

Patent-pending design increases drill stability while improving tool life.



Curved Cutting Edge
Improves chip formation.



Notch Point Geometry

Patented design improves stability, hole straightness and reduces thrust.

Fits Allied T-A® Standard Holders

Lower Cost Per Hole

0.4375" - 1.375"
Diameter Range

A Minimum of 20% Increase in Penetration Rate or 50% Increase in Tool Life versus T-A® Drill Inserts

Torx Plus® Screws Provide 30% More Holding Power

Smoother Breakouts on Through-Holes

Lower Drilling Forces

the **HOLE** advantage



GEN2 T-A™ is the next generation in replaceable tip drilling systems. Available in two carbide grades with Allied's new **AM200™** coating, the **GEN2 T-A™** System can make an immediate impact on your productivity and/or tooling costs.

ALLIED MACHINE & ENGINEERING CORP.

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E-mail: info@alliedmachine.com • www.alliedmachine.com

Series	Ø Inch	Ø Metric	Ø Decimal	Thickness	Item Number, Material and Coating	
					C1 with AM200™ coating	C2 with AM200™ coating
Z	7/16"	11.11	0.4375	3/32"	4C1ZH-0014	4C2ZH-0014
	-	11.50	0.4528		-	4C2ZH-11.5
	29/64"	11.51	0.4531		-	4C2ZH-.453
	15/32"	11.91	0.4688		-	4C2ZH-0015
	-	12.00	0.4724		-	4C2ZH-12
	31/64"	12.30	0.4844		4C1ZH-.484	4C2ZH-.484
	-	12.50	0.4921		-	4C2ZH-12.5
	1/2"	12.70	0.5000		4C1ZH-0016	4C2ZH-0016
0	-	13.00	0.5118	5/32"	4C10H-13	4C20H-13
	33/64"	13.10	0.5156		4C10H-.515	4C20H-.515
	17/32"	13.49	0.5313		4C10H-0017	4C20H-0017
	-	13.50	0.5315		-	4C20H-13.5
	35/64"	13.89	0.5469		4C10H-.546	4C20H-.546
	-	14.00	0.5512		4C10H-14	4C20H-14
	9/16"	14.29	0.5625		4C10H-0018	4C20H-0018
	-	14.50	0.5709		-	4C20H-14.5
	37/64"	14.68	0.5781		-	4C20H-.578
	-	15.00	0.5906		4C10H-15	4C20H-15
	19/32"	15.08	0.5938		4C10H-0019	4C20H-0019
	39/64"	15.48	0.6094		4C10H-.609	4C20H-.609
	-	15.50	0.6102		-	4C20H-15.5
	-	15.70	0.6181		-	4C20H-.618
	5/8"	15.88	0.6250		4C10H-0020	4C20H-0020
	-	16.00	0.6299		4C10H-16	4C20H-16
	41/64"	16.27	0.6406		4C10H-.640	4C20H-.640
	-	16.50	0.6496		4C10H-16.5	4C20H-16.5
	21/32"	16.67	0.6563		4C10H-0021	4C20H-0021
	-	17.00	0.6693		4C10H-17	4C20H-17
	43/64"	17.07	0.6719		-	4C20H-.671
	11/16"	17.46	0.6875		4C10H-0022	4C20H-0022
-	17.50	0.6890	4C10H-17.5	4C20H-17.5		
1	45/64"	17.86	0.7031	3/16"	4C11H-.703	4C21H-.703
	-	18.00	0.7087		4C11H-18	4C21H-18
	23/32"	18.26	0.7188		4C11H-0023	4C21H-0023
	-	18.50	0.7283		-	4C21H-18.5
	47/64"	18.65	0.7344		-	4C21H-.734
	-	19.00	0.7480		4C11H-19	4C21H-19
	3/4"	19.05	0.7500		4C11H-0024	4C21H-0024
	49/64"	19.45	0.7656		4C11H-.765	4C21H-.765
	-	19.50	0.7677		-	4C21H-19.5
	25/32"	19.84	0.7813		4C11H-0025	4C21H-0025
	-	20.00	0.7874		4C11H-20	4C21H-20
	51/64"	20.24	0.7969		-	4C21H-.796
	-	20.50	0.8071		-	4C21H-20.5
	13/16"	20.64	0.8125		4C11H-0026	4C21H-0026
	-	21.00	0.8268		-	4C21H-21
	27/32"	21.43	0.8438		4C11H-0027	4C21H-0027
	-	21.83	0.8594		-	4C21H-.859
	55/64"	21.83	0.8594		4C11H-22	4C21H-22
	-	22.00	0.8661		4C11H-0028	4C21H-0028
	7/8"	22.23	0.8750		4C11H-0029	4C21H-0029
	29/32"	23.02	0.9063		4C11H-.921	-
	59/64"	23.42	0.9219		4C11H-0030	4C21H-0030
15/16"	23.81	0.9375	4C11H-24	4C21H-24		
-	24.00	0.9449	4C12H-0031	4C22H-0031		
2	31/32"	24.61	0.9688	5/32"	4C12H-25	4C22H-25
	63/64"	25.00	0.9843		4C12H-0100	4C22H-0100
	1"	25.40	1.0000		4C12H-26	4C22H-26
	-	26.00	1.0236		4C12H-0101	4C22H-0101
	1-1/32"	26.19	1.0313		4C12H-0102	4C22H-0102
	1-1/16"	26.99	1.0625		-	4C22H-0103
	1-3/32"	27.78	1.0938		4C12H-28	4C22H-28
	-	28.00	1.1024		4C12H-0104	4C22H-0104
	1-1/8"	28.58	1.1250		-	4C22H-29
	-	29.00	1.1417		4C12H-0105	-
	1-5/32"	29.37	1.1563		4C12H-0106	4C22H-0106
	1-3/16"	30.16	1.1875		4C12H-0108	4C22H-0108
	1-1/4"	31.75	1.2500		4C12H-32	-
	-	32.00	1.2598		4C12H-0110	-
	1-5/16"	33.34	1.3125		4C12H-0112	-
	1-3/8"	34.93	1.3750			

