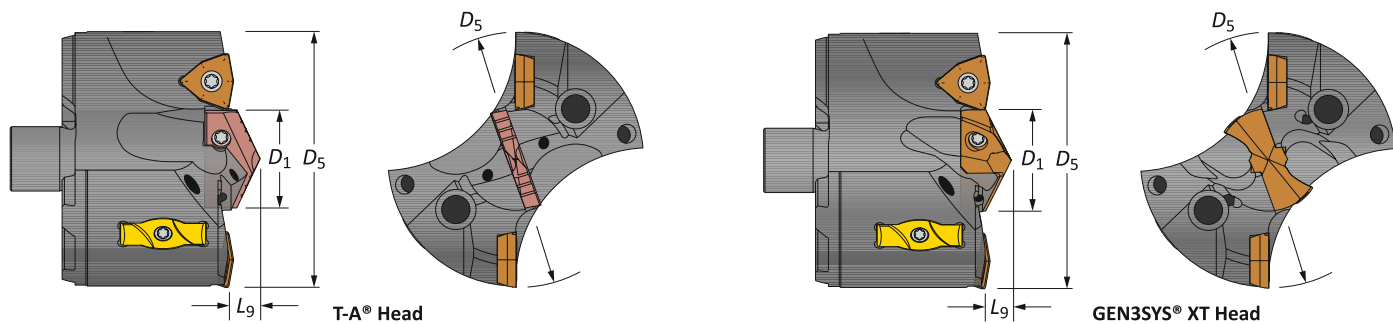







APX Drill Heads

83 Series | Diameter Range: 3.2674" - 3.5035" (83.00mm - 88.99mm)






Heads

Head					T-A Head				GEN3SYS XT Head			
D_5 fractional	D_5 inch	D_5 mm	D_1	L_9	Part No.	Pilot Series			Part No.	Pilot Series		IC Insert Size
-	3.3071	84.00	1-3/8	7/16	V8302S-84	2	4C*2H-0112	1C12H-0112-TC	V8332S-84	32	7C*32P-0112	1/2
3-5/16	3.3125	84.14	1-3/8	7/16	V8302S-0310	2	4C*2H-0112	1C12H-0112-TC	V8332S-0310	32	7C*32P-0112	1/2
3-3/8	3.3750	85.73	1-3/8	7/16	V8302S-0312	2	4C*2H-0112	1C12H-0112-TC	V8332S-0312	32	7C*32P-0112	1/2
-	3.3859	86.00	1-3/8	7/16	V8302S-86	2	4C*2H-0112	1C12H-0112-TC	V8332S-86	32	7C*32P-0112	1/2
3-7/16	3.4375	87.31	1-3/8	7/16	V8302S-0314	2	4C*2H-0112	1C12H-0112-TC	V8332S-0314	32	7C*32P-0112	1/2
-	3.4646	88.00	1-3/8	7/16	V8302S-88	2	4C*2H-0112	1C12H-0112-TC	V8332S-88	32	7C*32P-0112	1/2
3-1/2	3.5000	88.90	1-3/8	7/16	V8302S-0316	2	4C*2H-0112	1C12H-0112-TC	V8332S-0316	32	7C*32P-0112	1/2




*Denotes carbide grade (1 = C1, 2 = C2)

IC Inserts

Coating	Size	Grade	Geometry	 Part No.	 Insert Screw	 Insert Driver	Admissible Tightening Torque*
AM300®	1/2	C5	Standard	OP-080508-PW	74012-IP15-1	8IP-15	61.0 in-lbs (690 N-cm)
AM300®	1/2	C1	Standard	OP-080508-1PW	74012-IP15-1	8IP-15	61.0 in-lbs (690 N-cm)
AM300®	1/2	C5	High Rake	OP-080508-PWHR	74012-IP15-1	8IP-15	61.0 in-lbs (690 N-cm)
AM300®	1/2	C5	High Impact	OP-080508-PWHI	74012-IP15-1	8IP-15	61.0 in-lbs (690 N-cm)



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

Wear Pads

 Part No.	 Insert Screw	 Insert Driver	Admissible Tightening Torque*
WP7095	7358-IP10-1	8IP-10	27.0 in-lbs (300 N-cm)

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

Pilot Accessories

Pilot Style	Series	 Insert Screws	 Insert Driver	Admissible Tightening Torque*
T-A	2	7495-IP15-1	8IP-15	61.0 in-lbs (690 N-cm)
GEN3SYS	32	7495-IP15-1	8IP-15	61.0 in-lbs (690 N-cm)

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

Non-stocked diameters are also available. Follow the examples shown below.

Inch	38 series, T-A (1 series), 1.6790"	Part No. = V3801D-1.6790
Metric	38 series, T-A (1 series), 42.15mm	Part No. = V3801D-42.15

Wear pads sold in multiples of 2 | Wear pad screws sold in multiples of 4
IC inserts sold in multiples of 2 | Insert screws sold in multiples of 10

