

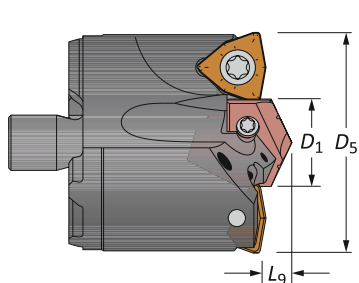


A

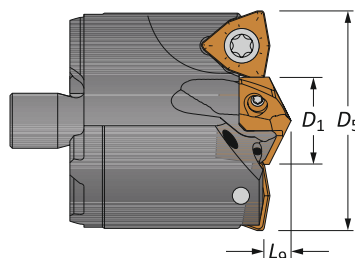
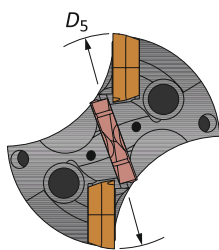
DRILLING

APX Drill Heads

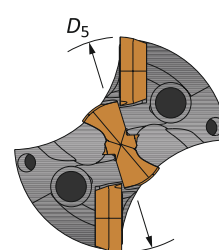
38 Series | Diameter Range: 1.4961" - 1.7322" (38.00mm - 43.99mm)



T-A® Head



GEN3SYS® XT Head



B

BORING

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	GEN2 T-A Insert	T-A (-TC) Insert	Part No.	Pilot Series	Pilot Insert	IC Insert Size
-	1.4961	38.00	5/8	19/64	V3800D-38	0	4C*0H-0020	1C10H-0020-TC	V3815D-38	15	7C*15P-0020	3/8
1-1/2	1.5000	38.10	5/8	19/64	V3800D-0116	0	4C*0H-0020	1C10H-0020-TC	V3815D-0116	15	7C*15P-0020	3/8
1-17/32	1.5313	38.90	5/8	19/64	V3800D-0117	0	4C*0H-0020	1C10H-0020-TC	V3815D-0117	15	7C*15P-0020	3/8
-	1.5354	39.00	5/8	19/64	V3800D-39	0	4C*0H-0020	1C10H-0020-TC	V3815D-39	15	7C*15P-0020	3/8
1-9/16	1.5625	39.69	5/8	19/64	V3800D-0118	0	4C*0H-0020	1C10H-0020-TC	V3815D-0118	15	7C*15P-0020	3/8
-	1.5748	40.00	11/16	19/64	V3800D-40	0	4C*0H-0022	1C10H-0022-TC	V3817D-40	17	7C*17P-0022	3/8
1-19/32	1.5938	40.48	11/16	19/64	V3800D-0119	0	4C*0H-0022	1C10H-0022-TC	V3817D-0119	17	7C*17P-0022	3/8
-	1.6142	41.00	11/16	19/64	V3800D-41	0	4C*0H-0022	1C10H-0022-TC	V3817D-41	17	7C*17P-0022	3/8
1-5/8	1.6250	41.28	11/16	19/64	V3800D-0120	0	4C*0H-0022	1C10H-0022-TC	V3817D-0120	17	7C*17P-0022	3/8
-	1.6535	42.00	3/4	19/64	V3801D-42	1	4C*0H-0024	1C10H-0024-TC	V3818D-42	18	7C*18P-0024	3/8
1-21/32	1.6563	42.07	3/4	19/64	V3801D-0121	1	4C*0H-0024	1C10H-0024-TC	V3818D-0121	18	7C*18P-0024	3/8
1-11/16	1.6875	42.86	3/4	19/64	V3801D-0122	1	4C*0H-0024	1C10H-0024-TC	V3818D-0122	18	7C*18P-0024	3/8
-	1.6929	43.00	13/16	19/64	V3801D-43	1	4C*0H-0026	1C10H-0026-TC	V3820D-43	20	7C*20P-0026	3/8
1-23/32	1.7188	43.66	13/16	19/64	V3801D-0123	1	4C*0H-0026	1C10H-0026-TC	V3820D-0123	20	7C*20P-0026	3/8

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

D

BURNISHING

IC Inserts

Coating	Size	Grade	Geometry	Part No.	Insert Screw	Insert Driver	Admissible Tightening Torque*
AM300®	3/8	C5	Standard	OP-060408-PW	73595-IP15-1	8IP-15	41.0 in-lbs (465 N-cm)
AM300®	3/8	C1	Standard	OP-060408-1PW	73595-IP15-1	8IP-15	41.0 in-lbs (465 N-cm)
AM300®	3/8	C5	High Rake	OP-060408-PWHR	73595-IP15-1	8IP-15	41.0 in-lbs (465 N-cm)
AM300®	3/8	C5	High Impact	OP-060408-PWHI	73595-IP15-1	8IP-15	41.0 in-lbs (465 N-cm)

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

F

THREADING

Pilot Accessories

Pilot Style	Series	Insert Screws	Insert Driver	Admissible Tightening Torque*
T-A	0	72567-IP8-1	8IP-8	15.5 in-lbs (175 N-cm)
T-A	1	7375-IP9-1	8IP-9	27.0 in-lbs (305 N-cm)
GEN3SYS	15	7247-IP7-1	8IP-7	7.4 in-lbs (84 N-cm)
GEN3SYS	17	72567-IP8-1	8IP-8	15.5 in-lbs (175 N-cm)
GEN3SYS	18	7375-IP9-1	8IP-9	27.0 in-lbs (305 N-cm)
GEN3SYS	20	7375-IP9-1	8IP-9	27.0 in-lbs (305 N-cm)

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

X

SPECIALS

A50: 28 - 29

A50: 2 - 5

Section A20

Section A30

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

IC inserts sold in multiples of 2 | Insert screws sold in multiples of 10