

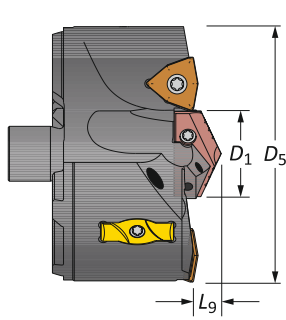


A

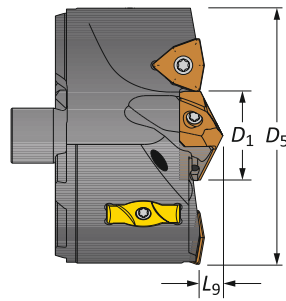
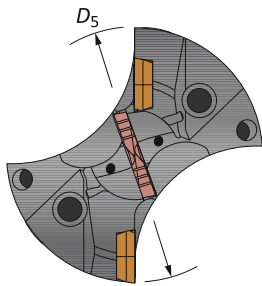
DRILLING

APX Drill Heads

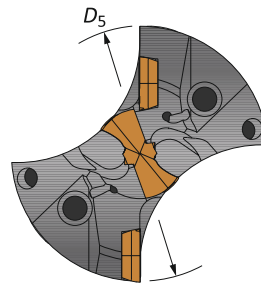
89 Series | Diameter Range: 3.5036" - 3.7400" (89.00mm - 94.99mm)



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 |
| - | 3.5433 | 90.00 | 1-1/4 | 27/64 | V8902S-90 | 2 | 4C*2H-0108 | 1C12H-0108-TC | V8929S-90 | 29 | 7C*29P-0108 | 9/16 |
| 3-9/16 | 3.5625 | 90.49 | 1-1/4 | 27/64 | V8902S-0318 | 2 | 4C*2H-0108 | 1C12H-0108-TC | V8929S-0318 | 29 | 7C*29P-0108 | 9/16 |
| - | 3.6220 | 92.00 | 1-1/4 | 27/64 | V8902S-92 | 2 | 4C*2H-0108 | 1C12H-0108-TC | V8929S-92 | 29 | 7C*29P-0108 | 9/16 |
| 3-5/8 | 3.6250 | 92.08 | 1-1/4 | 27/64 | V8902S-0320 | 2 | 4C*2H-0108 | 1C12H-0108-TC | V8929S-0320 | 29 | 7C*29P-0108 | 9/16 |
| 3-11/16 | 3.6875 | 93.66 | 1-1/4 | 27/64 | V8902S-0322 | 2 | 4C*2H-0108 | 1C12H-0108-TC | V8929S-0322 | 29 | 7C*29P-0108 | 9/16 |
| - | 3.7008 | 94.00 | 1-1/4 | 27/64 | V8902S-94 | 2 | 4C*2H-0108 | 1C12H-0108-TC | V8929S-94 | 29 | 7C*29P-0108 | 9/16 |

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

C

REAMING

IC Inserts

| Coating | Size | Grade | Geometry | Part No. | Insert Screw | Insert Driver | Admissible Tightening Torque* |
|---------|------|-------|-------------|-----------------------|--------------|---------------|-------------------------------|
| AM300® | 9/16 | C5 | Standard | OP-090608-PW | 75014-IP20-1 | 8IP-20 | 121.0 in-lbs (1370 N-cm) |
| AM300® | 9/16 | C1 | Standard | OP-090608-1PW | 75014-IP20-1 | 8IP-20 | 121.0 in-lbs (1370 N-cm) |
| AM300® | 9/16 | C5 | High Rake | OP-090608-PWHR | 75014-IP20-1 | 8IP-20 | 121.0 in-lbs (1370 N-cm) |
| AM300® | 9/16 | C5 | High Impact | OP-090608-PWHI | 75014-IP20-1 | 8IP-20 | 121.0 in-lbs (1370 N-cm) |

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

D

BURNISHING

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

E

THREADING

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 | 29 | 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

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 |

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