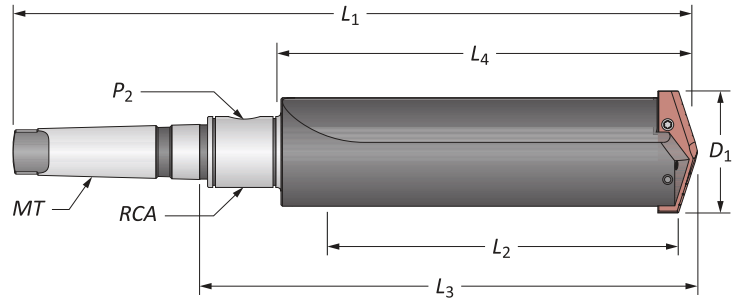


# T-A Drill Insert Holders

7 Series | Taper Shank

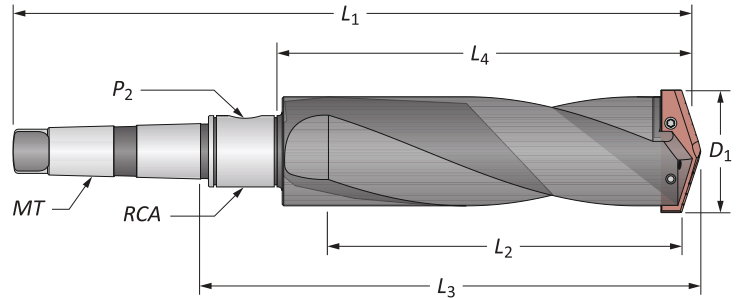


## Straight Flute

|   | Length   | D <sub>1</sub>  | Body           |                |                |                | Shank |                |         | Part No.    |
|---|----------|-----------------|----------------|----------------|----------------|----------------|-------|----------------|---------|-------------|
|   |          |                 | L <sub>2</sub> | L <sub>4</sub> | L <sub>3</sub> | L <sub>1</sub> | MT    | P <sub>2</sub> | RCA     |             |
| i | Short    | 3-17/32 - 4-1/2 | 6-3/4          | 8-7/8          | 11-11/16       | 17-5/16        | #5    | 1/2            | 2T-6SR  | 22070S-005I |
|   | Standard | 3-17/32 - 4-1/2 | 10-3/4         | 12-7/8         | 15-11/16       | 21-5/16        | #5    | 1/2            | 2T-6SR  | 24070S-005I |
|   | Extended | 3-17/32 - 4-1/2 | 21-7/8         | 24             | 26-13/16       | 32-7/16        | #5    | 1/2            | 2T-6SR  | 25070S-005I |
|   | XL       | 3-17/32 - 4-1/2 | 27             | 29-1/8         | 31-15/16       | 37-9/16        | #5    | 1/2            | 2T-6SR  | 27070S-005I |
|   | 3XL      | 3-17/32 - 4-1/2 | 37             | 39-1/8         | 41-5/16        | 47-9/16        | #5    | 1/2            | 2T-6SR  | 29070S-005I |
| m | Short    | 90.0 - 114.0    | 171.5          | 225.4          | 296.8          | 439.7          | #5**  | 1/2*           | 2T-6SRM | 22070S-005M |
|   | Extended | 90.0 - 114.0    | 555.6          | 609.6          | 681.1          | 823.9          | #5**  | 1/2*           | 2T-6SRM | 25070S-005M |
|   | XL       | 90.0 - 114.0    | 685.0          | 739.7          | 811.2          | 954.0          | #5**  | 1/2*           | 2T-6SRM | 27070S-005M |
|   | 3XL      | 90.0 - 114.0    | 939.0          | 993.7          | 1065.2         | 1208.0         | #5**  | 1/2*           | 2T-6SRM | 29070S-005M |

\*Metric thread to BSP and ISO 7-1

\*\*Per ISO 296 type BEK



## Helical Flute

|   | Length   | D <sub>1</sub> | Body           |                |                |                | Shank |                |         | Part No.    |
|---|----------|----------------|----------------|----------------|----------------|----------------|-------|----------------|---------|-------------|
|   |          |                | L <sub>2</sub> | L <sub>4</sub> | L <sub>3</sub> | L <sub>1</sub> | MT    | P <sub>2</sub> | RCA     |             |
| m | Standard | 90.0 - 114.0   | 273.1          | 327.0          | 398.5          | 541.3          | #5**  | 1/2*           | 2T-6SRM | 24070H-005M |

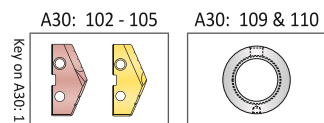
\*Metric thread to BSP and ISO 7-1

\*\*Per ISO 296 type BEK

## Connection Accessories

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

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



i = Imperial (in)

m = Metric (mm)

Screws sold in quantities of 10

**WARNING** Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A30: 146 for deep hole drilling guidelines in this section of the catalog. Visit [www.alliedmachine.com/DeepHoleGuidelines](http://www.alliedmachine.com/DeepHoleGuidelines) for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering Team.