

24 Series GEN3SYS[®] Drill Inserts and Holders

Diameter Range 24.00mm to 25.99mm

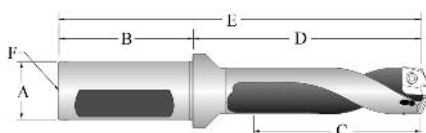


GEN3SYS[®] Drill Inserts

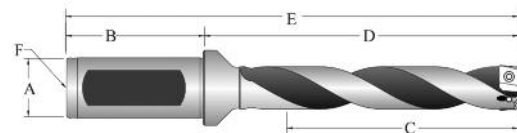


| Material | A (Diameter) | | | Item Number, Coating and Availability | |
|-------------|--------------------|-------|---------|---------------------------------------|------|
| | Decimal Equivalent | (mm) | (inch) | AM200 [®] | Stk. |
| K35 (C1) | 0.9449 | 24.00 | | 5C124H-24 | ● |
| | 0.9688 | 24.61 | 31/32" | 5C124H-0031 | ○ |
| | 0.9843 | 25.00 | 63/64" | 5C124H-25 | ● |
| | 1.0000 | 25.40 | 1" | 5C124H-0100 | ○ |
| | 1.0081 | 25.60 | | 5C124H-1.008 | ● |
| | 1.0157 | 25.80 | 1 1/64" | 5C124H-1.015 | ○ |
| K20 (C2) | 0.9449 | 24.00 | | 5C224H-24 | ● |
| | 0.9688 | 24.61 | 31/32" | 5C224H-0031 | ○ |
| | 0.9843 | 25.00 | 63/64" | 5C224H-25 | ● |
| | 1.0000 | 25.40 | 1" | 5C224H-0100 | ○ |
| | 1.0081 | 25.60 | | 5C224H-1.008 | ○ |
| | 1.0157 | 25.80 | 1 1/64" | 5C224H-1.015 | ○ |

Supplied in 1 piece packages.



Straight Fluted Design



Helical Fluted Design

GEN3SYS[®] Holders

| Style | Diameter | Item Number | A | B | C | Flat | D | E | F |
|----------------------------------|----------|-------------|---------------------|-------------------|------------------|------|------------------|---------------------|----------|
| | | | Shank Diameter (mm) | Shank Length (mm) | Drill Depth (mm) | | Body Length (mm) | Overall Length (mm) | Pipe Tap |
| Straight (Lathe) | 3x | 60324S-25FM | 25 | 53.0 | 78.0 | Yes | 113.8 | 164 | 1/8" |
| | 5x | 60524S-25FM | 25 | 53.0 | 130.0 | Yes | 165.8 | 216 | 1/8" |
| | 7x | 60724S-25FM | 25 | 53.0 | 182.0 | Yes | 217.8 | 267.9 | 1/8" |
| Helical (Machining Centre) | 3x | 60324H-25FM | 25 | 53.0 | 78.0 | Yes | 113.8 | 164 | 1/8" |
| | | 60324H-25CM | 25 | 53.0 | 78.0 | No | 113.8 | 164 | 1/8" |
| | 5x | 60524H-25FM | 25 | 53.0 | 130.0 | Yes | 165.8 | 216 | 1/8" |
| | | 60524H-25CM | 25 | 53.0 | 130.0 | No | 165.8 | 216 | 1/8" |
| | 7x | 60724H-25FM | 25 | 53.0 | 182.0 | Yes | 217.8 | 267.9 | 1/8" |
| | | 60724H-25CM | 25 | 53.0 | 182.0 | No | 217.8 | 267.9 | 1/8" |

Replacement TORX Plus Screws

| Style | TORX Plus Screws 10 Pieces | Nylon Locking TORX Plus Screws 10 Pieces | TORX Plus Hand Driver | Preset Torque TORX Plus Hand Driver | Replacement TORX Plus Tips | Inch | | Metric | |
|-------|----------------------------|--|-----------------------|-------------------------------------|----------------------------|-----------------------|---|-----------------------|---|
| | | | | | | Drill Range Used With | TORX Plus Screws Admissible Tightening Torque (in.-lbs) | Drill Range Used With | TORX Plus Screw Admissible Tightening Torque (N-cm) |
| 24 | 739-IP9-10 | 739N-IP9-10 | 8IP-9 | 8IP-9TL | 8IP-9B | 0.944-1.015 | 27.0 | 24.00-25.99 | 305 |

Supplied in 10 piece packages.

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

Stk. - Stock Availability.

- Stocked Items
- Stocked in limited quantities
- ◆ All other coatings are non-stocked standards.
Advanced planning is recommended (5-6 weeks delivery)

Sizes not shown (Non-Standard Diameters) are available in all coatings.

When ordering, please follow the example shown below:

Metric = 24.50mm AM200[®], 24 Series = 5C224H-24.50