

# 20 Series GEN3SYS<sup>®</sup> Drill Inserts and Holders

Diameter Range 20.00mm to 22.00mm

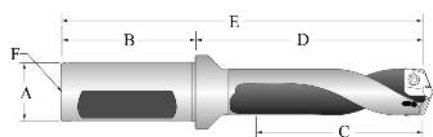


## GEN3SYS<sup>®</sup> Drill Inserts

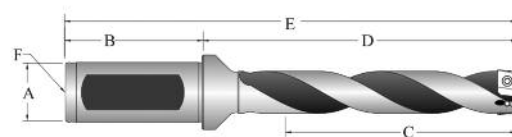


| Material    | A (Diameter)       |       |        | Item Number, Coating and Availability |      |
|-------------|--------------------|-------|--------|---------------------------------------|------|
|             | Decimal Equivalent | (mm)  | (inch) | AM200 <sup>®</sup>                    | Stk. |
| K35<br>(C1) | 0.7874             | 20.00 |        | 5C120H-20                             | ●    |
|             | 0.7969             | 20.24 | 51/64" | 5C120H-.796                           | ○    |
|             | 0.8071             | 20.50 |        | 5C120H-20.5                           | ●    |
|             | 0.8125             | 20.64 | 13/16" | 5C120H-0026                           | ○    |
|             | 0.8268             | 21.00 |        | 5C120H-21                             | ●    |
|             | 0.8438             | 21.43 | 27/32" | 5C120H-0027                           | ○    |
|             | 0.8594             | 21.83 | 55/64" | 5C120H-.859                           | ○    |
|             | 0.8660             | 22.00 |        | 5C120H-22                             | ●    |
| K20<br>(C2) | 0.7874             | 20.00 |        | 5C220H-20                             | ●    |
|             | 0.7969             | 20.24 | 51/64" | 5C220H-.796                           | ○    |
|             | 0.8071             | 20.50 |        | 5C220H-20.5                           | ●    |
|             | 0.8125             | 20.64 | 13/16" | 5C220H-0026                           | ○    |
|             | 0.8268             | 21.00 |        | 5C220H-21                             | ●    |
|             | 0.8438             | 21.43 | 27/32" | 5C220H-0027                           | ○    |
|             | 0.8594             | 21.83 | 55/64" | 5C220H-.859                           | ○    |
|             | 0.8660             | 22.00 |        | 5C220H-22                             | ●    |

Supplied in 1 piece packages.



Straight Fluted Design



Helical Fluted Design

## GEN3SYS<sup>®</sup> 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<br>(Lathe)              | 3x       | 60320S-25FM | 25                  | 53.0              | 66.0             | Yes  | 100.1            | 153.2               | 1/8"     |
|                                  | 5x       | 60520S-25FM | 25                  | 53.0              | 110.0            | Yes  | 144.1            | 197.2               | 1/8"     |
|                                  | 7x       | 60720S-25FM | 25                  | 53.0              | 154.0            | Yes  | 188.1            | 241.1               | 1/8"     |
| Helical<br>(Machining<br>Centre) | 3x       | 60320H-25FM | 25                  | 53.0              | 66.0             | Yes  | 100.1            | 153.2               | 1/8"     |
|                                  |          | 60320H-25CM | 25                  | 53.0              | 66.0             | No   | 100.1            | 153.2               | 1/8"     |
|                                  | 5x       | 60520H-25FM | 25                  | 53.0              | 110.0            | Yes  | 144.1            | 197.2               | 1/8"     |
|                                  |          | 60520H-25CM | 25                  | 53.0              | 110.0            | No   | 144.1            | 197.2               | 1/8"     |
|                                  | 7x       | 60720H-25FM | 25                  | 53.0              | 154.0            | Yes  | 188.1            | 241.1               | 1/8"     |
|                                  |          | 60720H-25CM | 25                  | 53.0              | 154.0            | No   | 188.1            | 241.1               | 1/8"     |

## Replacement TORX Plus Screws

| Style | TORX Plus Screws<br>10 Pieces | Nylon Locking<br>TORX Plus<br>Screws<br>10 Pieces | TORX<br>Plus<br>Hand<br>Driver | Preset<br>Torque<br>TORX<br>Plus<br>Hand<br>Driver | Replacement<br>TORX Plus<br>Tips | Inch                     |   | Metric                   |   |
|-------|-------------------------------|---|--------------------------------|--|----------------------------------|--------------------------|---|--------------------------|---|
|       |                               |   |                                |  |                                  | Drill Range<br>Used With | TORX Plus<br>Screws<br>Admissible<br>Tightening<br>Torque (in.-lbs) | Drill Range<br>Used With | TORX Plus<br>Screw<br>Admissible<br>Tightening<br>Torque (N-cm) |
| 20    | 7375-IP9-10                   | 7375N-IP9-10                                      | 8IP-9                          | 8IP-9TL  | 8IP-9B                           | 0.787-0.865              | 27.0  | 20.00-22.00              | 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 = 20.10mm AM200<sup>®</sup>, 20 Series = 5C220H-20.10