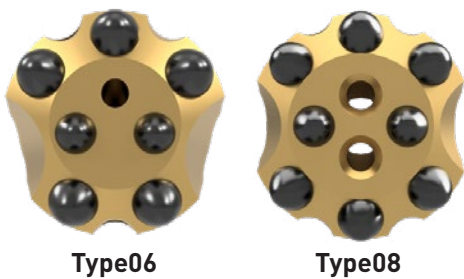
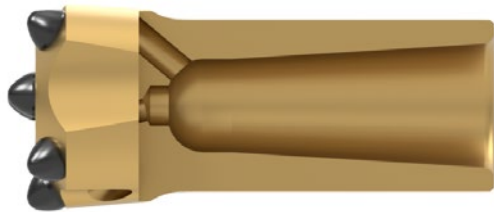




# TAPERED BIT

# TAPERED BIT

## HEX 22 SERIES



Type06

Type08

| Hex | Taper angle | Rod point dia.(d) | Type | Taper Style |
|-----|-------------|-------------------|------|-------------|
| 22  | 4°46'       | 19.1              | T22E | Long        |
| 22  | 7°          | 16                | T22F | Long        |
| 22  | 11°         | 17.7              | T22G | Short       |
| 22  | 11°         | 15.5              | T22D | Long        |
| 22  | 12°         | 15.5              | T22C | Long        |

## Hex 22 4° 46' Tapered bit for long skirt



| Part Number   | Gauge Diameter |          | Length |          | Gauge Angle[°] | Gauge Button No×Dia | Face Button No×Dia | Blow hole |      | Weight |
|---------------|----------------|----------|--------|----------|----------------|---------------------|--------------------|-----------|------|--------|
|               | (mm)           | (in)     | (mm)   | (in)     |                |                     |                    | Side      | Face |        |
| T22P33EBB065Z | 33             | 1 5/16"  | 70     | 2 3/4"   | 35             | 5 × φ7              | 2 × φ7             | 1         | 1    | 0.3    |
| T22P35EBB065  | 35             | 1 3/8"   | 75     | 2 61/64" | 35             | 5 × φ8              | 2 × φ8             | 1         | 2    | 0.3    |
| T22P40EBB065  | 40             | 1 9/16"  | 75     | 2 61/64" | 35             | 5 × φ8              | 2 × φ8             | 1         | 1    | 0.4    |
| T22P43EBB065  | 43             | 1 11/16" | 75     | 2 61/64" | 35             | 5 × φ9              | 2 × φ9             | 1         | 2    | 0.5    |

## Hex 22 7° Tapered bit for long skirt



| Part Number   | Gauge Diameter |          | Length |          | Gauge Angle[°] | Gauge Button No×Dia | Face Button No×Dia | Blow hole |      | Weight |
|---------------|----------------|----------|--------|----------|----------------|---------------------|--------------------|-----------|------|--------|
|               | (mm)           | (in)     | (mm)   | (in)     |                |                     |                    | Side      | Face |        |
| T22P30FBB065Z | 30             | 1 3/16"  | 75     | 2 61/64" | 35             | 5 × φ7              | 2 × φ6             | 1         | 2    | 0.2    |
| T22P31FBB065Z | 31             | 1 7/32"  | 75     | 2 61/64" | 35             | 5 × φ7              | 2 × φ7             | 1         | 2    | 0.3    |
| T22P32FBB065Z | 32             | 1 1/4"   | 75     | 2 61/64" | 35             | 5 × φ7              | 2 × φ7             | 1         | 2    | 0.3    |
| T22P33FBB065Z | 33             | 1 5/16"  | 75     | 2 61/64" | 35             | 5 × φ7              | 2 × φ7             | 1         | 2    | 0.3    |
| T22P34FBB065Z | 34             | 1 11/32" | 75     | 2 61/64" | 35             | 5 × φ7              | 2 × φ7             | 1         | 2    | 0.3    |
| T22P36FBB065Z | 36             | 1 13/32" | 75     | 2 61/64" | 40             | 5 × φ8              | 2 × φ7             | 1         | 1    | 0.3    |
| T22P38FBB065Z | 38             | 1 1/2"   | 75     | 2 61/64" | 40             | 5 × φ8              | 2 × φ8             | 1         | 1    | 0.4    |
| T22P40FBB065Z | 40             | 1 9/16"  | 75     | 2 61/64" | 40             | 5 × φ9              | 2 × φ8             | 1         | 1    | 0.4    |

# Hex 22 11° Tapered bit for short skirt



| Part Number    | Gauge Diameter |          | Length |          | Gauge Angle[°] | Gauge Button<br>No×Dia | Face Button<br>No×Dia | Blow hole |      | Weight |
|----------------|----------------|----------|--------|----------|----------------|------------------------|-----------------------|-----------|------|--------|
|                | (mm)           | (in)     | (mm)   | (in)     |                |                        |                       | Side      | Face |        |
| T22P32GBB065Z  | 32             | 1 1/4"   | 55     | 2 11/64" | 35             | 5 × φ7                 | 2 × φ7                | 1         | 2    | 0.3    |
| T22P33GBB065Z  | 33             | 1 5/16"  | 50     | 1 31/32" | 40             | 5 × φ7                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P35GBB065Z2 | 35             | 1 3/8"   | 55     | 2 11/64" | 40             | 5 × φ7                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P36GBB065Z2 | 36             | 1 13/32" | 50     | 1 31/32" | 40             | 5 × φ8                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P38GBB065Z2 | 38             | 1 1/2"   | 50     | 1 31/32" | 40             | 5 × φ9                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P40GBB065Z1 | 40             | 1 9/16"  | 50     | 1 31/32" | 40             | 5 × φ9                 | 2 × φ8                | 1         | 1    | 0.4    |
| T22P41GBB065Z3 | 41             | 1 5/8"   | 50     | 1 31/32" | 40             | 5 × φ9                 | 2 × φ8                | 1         | 1    | 0.4    |
| T22P42GBB065Z  | 42             | 1 21/32" | 50     | 1 31/32" | 40             | 5 × φ9                 | 2 × φ9                | 1         | 2    | 0.6    |

# Hex 22 11° Tapered bit for long skirt



| Part Number    | Gauge Diameter |          | Length |         | Gauge Angle[°] | Gauge Button<br>No×Dia | Face Button<br>No×Dia | Blow hole |      | Weight |
|----------------|----------------|----------|--------|---------|----------------|------------------------|-----------------------|-----------|------|--------|
|                | (mm)           | (in)     | (mm)   | (in)    |                |                        |                       | Side      | Face |        |
| T22P32DBB065   | 32             | 1 1/4"   | 65     | 2 9/16" | 35             | 5 × φ7                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P33DBB065Z  | 33             | 1 5/16"  | 65     | 2 9/16" | 40             | 5 × φ7                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P34DBB065Z  | 34             | 1 11/32" | 65     | 2 9/16" | 40             | 5 × φ7                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P35DBB065Z1 | 35             | 1 3/8"   | 65     | 2 9/16" | 40             | 5 × φ7                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P36DBB065Z1 | 36             | 1 13/32" | 65     | 2 9/16" | 40             | 5 × φ8                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P38DBB065Z1 | 38             | 1 1/2"   | 65     | 2 9/16" | 40             | 5 × φ8                 | 2 × φ8                | 1         | 1    | 0.3    |
| T22P40DBB065Z  | 40             | 1 9/16"  | 70     | 2 3/4"  | 40             | 5 × φ9                 | 2 × φ8                | 1         | 1    | 0.4    |
| T22P41DBB065Z  | 41             | 1 5/8"   | 65     | 2 9/16" | 40             | 5 × φ9                 | 2 × φ8                | 1         | 1    | 0.4    |

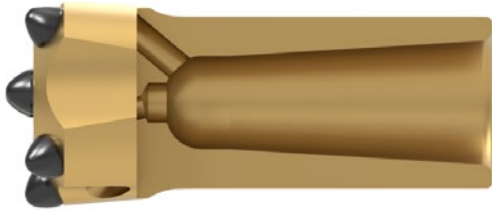
# Hex 22 12° Tapered bit for long skirt



| Part Number   | Gauge Diameter |         | Length |          | Gauge Angle[°] | Gauge Button<br>No×Dia | Face Button<br>No×Dia | Blow hole |      | Weight |
|---------------|----------------|---------|--------|----------|----------------|------------------------|-----------------------|-----------|------|--------|
|               | (mm)           | (in)    | (mm)   | (in)     |                |                        |                       | Side      | Face |        |
| T22P32CBB065Z | 32             | 1 1/4"  | 65     | 2 9/16"  | 35             | 5 × φ7                 | 2 × φ7                | 1         | 1    | 0.2    |
| T22P33CBB065  | 33             | 1 5/16" | 70     | 2 3/4"   | 35             | 5 × φ7                 | 2 × φ7                | 1         | 1    | 0.3    |
| T22P35CBB065Z | 35             | 1 3/8"  | 65     | 2 9/16"  | 35             | 5 × φ9                 | 2 × φ7                | 1         | 1    | 0.4    |
| T22P38CBB065  | 38             | 1 1/2"  | 70     | 2 3/4"   | 35             | 5 × φ8                 | 2 × φ8                | 1         | 1    | 0.4    |
| T22P41CBB065Z | 41             | 1 5/8"  | 65     | 2 9/16"  | 40             | 5 × φ9                 | 2 × φ8                | 1         | 1    | 0.4    |
| T22P32CBB084  | 32             | 1 1/4"  | 70.5   | 2 25/32" | 40             | 6 × φ7                 | 2 × φ7                | 2         | 1    | 0.3    |
| T22P33CBB084  | 33             | 1 5/16" | 70.5   | 2 25/32" | 40             | 6 × φ7                 | 2 × φ7                | 2         | 1    | 0.3    |
| T22P35CBB08Z  | 35             | 1 3/8"  | 70     | 2 3/4"   | 40             | 6 × φ8                 | 2 × φ7                | 2         | 2    | 0.4    |

# TAPERED BIT

## HEX 25 SERIES



Type06

| Hex | Taper angle | Rod point dia.(d) | Type | Taper Style |
|-----|-------------|-------------------|------|-------------|
| 25  | 7°          | 20                | T25B | Long        |
| 25  | 7°          | 21.2              | T25F | Short       |

## Hex 25 7° Tapered bit for long skirt



| Part Number   | Gauge Diameter |          | Length |          | Gauge Angle(°) | Gauge Button<br>No×Dia | Face Button<br>No×Dia | Blow hole |      | Weight |
|---------------|----------------|----------|--------|----------|----------------|------------------------|-----------------------|-----------|------|--------|
|               | (mm)           | (in)     | (mm)   | (in)     |                |                        |                       | Side      | Face |        |
| T25P38BBB065Z | 38             | 1 1/2"   | 75     | 2 61/64" | 40             | 5 × φ8                 | 2 × φ8                | 1         | 2    | 0.4    |
| T25P40BBB065Z | 40             | 1 9/16"  | 75     | 2 61/64" | 40             | 5 × φ8                 | 2 × φ8                | 1         | 2    | 0.5    |
| T25P41BBB065Z | 41             | 1 5/8"   | 75     | 2 61/64" | 40             | 5 × φ9                 | 2 × φ8                | 1         | 2    | 0.5    |
| T25P43BBB06Z  | 43             | 1 11/16" | 75     | 2 61/64" | 40             | 5 × φ9                 | 2 × φ9                | 1         | 2    | 0.5    |

## Hex 25 7° Tapered bit for short skirt



| Part Number   | Gauge Diameter |          | Length |          | Gauge Angle(°) | Gauge Button<br>No×Dia | Face Button<br>No×Dia | Blow hole |      | Weight |
|---------------|----------------|----------|--------|----------|----------------|------------------------|-----------------------|-----------|------|--------|
|               | (mm)           | (in)     | (mm)   | (in)     |                |                        |                       | Side      | Face |        |
| T25P41FBB065Z | 41             | 1 5/8"   | 60     | 2 23/64" | 40             | 5 × φ9                 | 2 × φ8                | 1         | 2    | 0.4    |
| T25P43FBB065Z | 43             | 1 11/16" | 60     | 2 23/64" | 40             | 5 × φ10                | 3 × φ9                | 1         | 2    | 0.4    |