



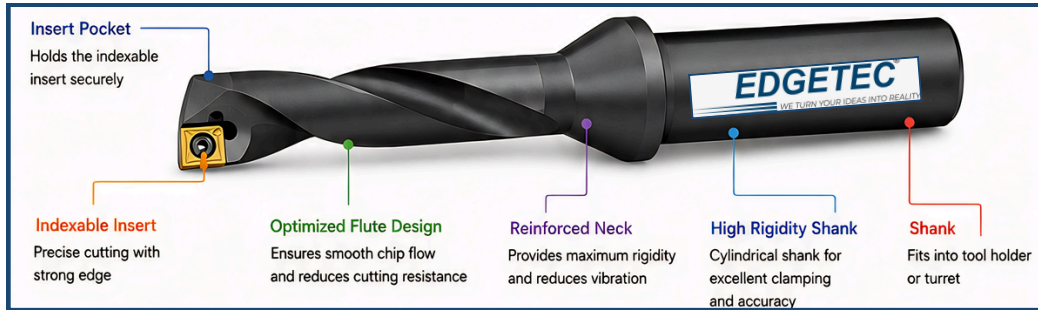
# Edgetec U Drills

## Description

EDGETEC U Drills are precision indexable drilling tools designed for accurate, efficient and stable drilling performance in CNC lathes, machining centers and special machines.

## Types

- 2D/3D/4D



### APPLICATIONS

- Used for drilling in:
- Automotive components
  - Hydraulic parts
  - General engineering parts
  - Die & mold industry
  - Aerospace components



### INSERT COMPATIBILITY

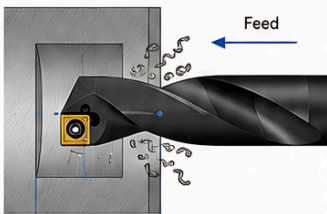
Uses standard ISO indexable drill inserts

Common Insert Types:

- SOMET
- SOMX
- Customized inserts



### APPLICATION (DRILLING)



Hole Diameter (D)

Drilling in steel, stainless steel, cast iron and other materials.

### KEY FEATURES

- ✓ High rigidity for stable drilling
- ✂ Excellent chip evacuation
- 🎯 High accuracy and hole position precision
- ✦ Smooth surface finish
- 📊 Suitable for a wide range of materials
- 📏 Available in various diameters and drilling depths (3D, 5D, 8D)

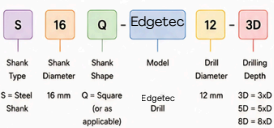
### ADVANTAGES

- ✓ High productivity and efficiency
- ✓ Reduced tool change time (indexable design)
- ✓ Lower cost per hole
- ✓ Excellent tool life
- ✓ Consistent performance and repeatability

### LIMITATIONS

- ⚠ Requires proper setup and alignment
- ⚠ Not suitable for very shallow or interrupted surfaces
- ⚠ Chip evacuation may be affected in very deep holes without coolant
- ⚠ Select correct insert grade for best performance

#### TOOL DESIGNATION (EXAMPLE)



#### TYPICAL DIMENSIONS (EXAMPLE)

Drill Ø (D)	Shank Ø (d)	L1 (Flute Length)	L (Overall Length)	Drilling Depth
12	16	36	100	3D
14	16	42	110	3D
16	20	48	120	3D
18	20	54	130	3D
20	25	60	140	3D

Note: Dimensions are for reference only. Actual sizes may vary by manufacturer.