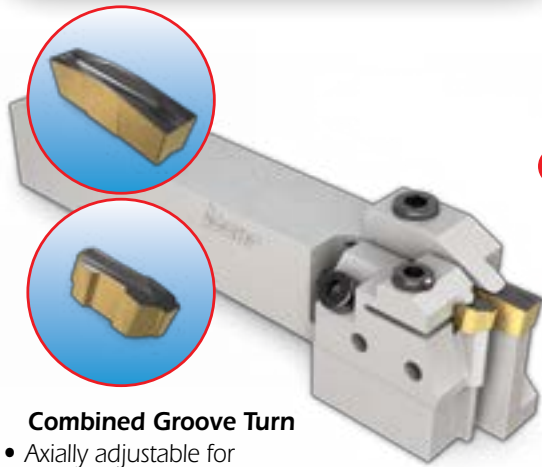


# Bearing Housing

Material: Cast Iron



## Combined Groove Turn

- Axially adjustable for precise grooving
- Strong gripping forces
- Quick insert replacement

## **CUT-GRIP**

### 1 **GIF 8.00E... IC5010**

- Double-ended insert
- Excellent chipbreaker
- High toughness

### **GIF 4.00E... IC5010**

- Precisely ground insert
- Excellent chipping resistance
- Built-up edge elimination
- Increased cutting speed

## Cutting conditions

$V_c=250$  m/min (820 sfm)  
 $f=0.25$  mm/rev (0.0098 inch/rev)

## **HELI-FACE**

### 2 **HFPR 4... IC5010**

- Double-ended insert
- Twisted geometry
- Increased tool life
- Increased cutting speed

## Cutting conditions

$V_c=200$  m/min (656 sfm)  
 $f=0.15$  mm/rev (0.0059 inch/rev)

## **PENTACUT**

### 3 **PENTA 24... IC907**

- 5 cutting edges (economical)
- Precise profile
- Durable insert design

## Cutting conditions

$V_c=150$  m/min (495 sfm)  
 $f=0.1$  mm/rev (0.0039 inch/rev)



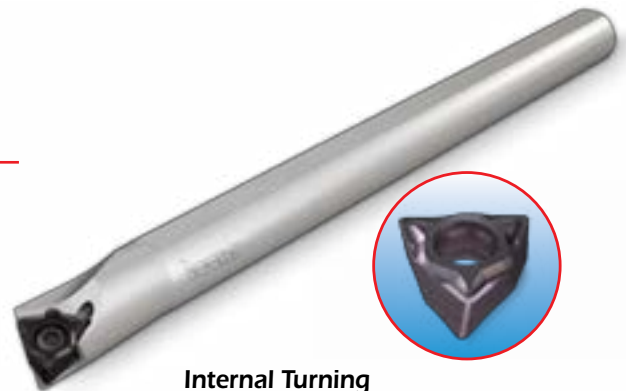
## Internal Grooving

- Easy and fast edge indexing
- Rigid clamping system provides improved performance
- Excellent surface finish
- High grooving repeatability

## 4 **ISOTURN** WNGP 04... IC908

- Double-sided inserts
- Positive rake
- Low cutting forces

**Cutting conditions**  
 $V_c = 130 \text{ m/min}$  (426 sfm)  
 $f = 0.1 \text{ mm/rev}$  (0.0039 inch/rev)



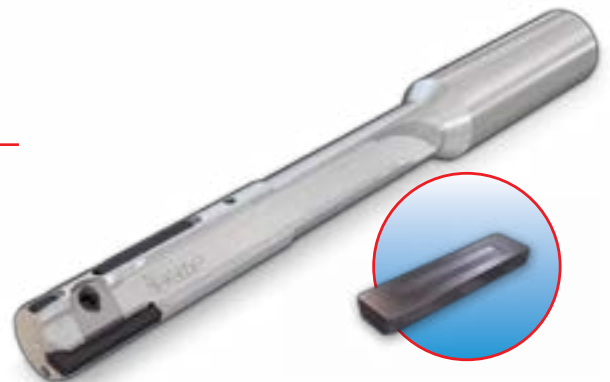
### Internal Turning

- Enables boring small diameters
- Rigid screw clamping
- Excellent finish surface
- Coolant nozzle directed to the cutting edge

## 5 **INDEXH-REAM** RM-SEI... IC907

- 2 cutting edges
- High cutting speed
- Versatile lead and rake geometries selection
- Precisely ground insert

**Cutting conditions**  
 $V_c = 80 \text{ m/min}$  (263 sfm)  
 $f = 0.25 \text{ mm/rev}$  (0.0098 inch/rev)



### Indexable Reaming

- Adjustable system
- Extreme accuracy (for IT5 tolerance and up)
- Suitable for reaming interrupted holes
- High surface finish

## 6 **MIN CUT** MINI FACE LINE MIGR 8... IC908

- Unique convenient screw clamping
- Efficient in grooving at small diameters
- Wide range of insert profiles

**Cutting conditions**  
 $V_c = 110 \text{ m/min}$  (360 sfm)  
 $f = 0.02 \text{ mm/rev}$  (0.0007 inch/rev)



### Internal Profiling

- Provides versatility advantages
- Coolant nozzle directed right to the cutting edge