для заказа - kyocera@kyocera-tools.ru



# Internal Threading Insert

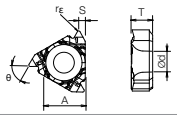
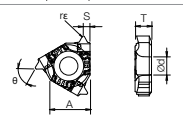
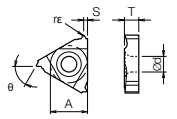
## Tapered Pipe [R, Rc(PT), (BSPT)]

55° Full Profile (in)

| Part Number | Previous Part Number | A | T | Ød |
|---|---|---|---|---|
| **11IR** | **TNN22IR** | 0.250 | 0.125 | 0.118 |
| **16IR** | **TNN32IR** | 0.375 | 0.145 | 0.157 |

**Classification of Usage**
● : Continuous / 1st Choice
○ : Continuous / 2nd Choice

| | | | | |
|---|---|---|---|---|
| P | Carbon Steel / Alloy Steel | | ● | |
| M | Stainless Steel | | ● | |
| K | Cast Iron | | | ● |
| N | Non-ferrous Metals | | | ● |

| Insert (Right-handed Insert Shown) | | | Part Number | Previous Part Number | Applicable Thread RC (PT) (BSPT) Pitch TPI | Dimensions (in) rε | S | Angle θ | Cermet TC60 R | Cermet TC60 L | PVD Coated Carbide PR1115 R | PVD Coated Carbide PR1115 L | Carbide GW15 R | Carbide GW15 L | Ref. Page for D.O.C. & Number of Passes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Full Profile |  |  | **11IR** | **28BSPT-TF** | 28 | 0.0039 | 0.0236 | 55° | | | ○ | | | | |
| | | | | **19BSPT-TF** | 19 | 0.0063 | 0.0307 | 55° | | | ○ | | | | |
| | | | | **14BSPT-TF** | 14 | 0.0087 | 0.0382 | 55° | | | ○ | | | | |
| |  |  | **16IR** | **14BSPT-TF** | 14 | 0.0087 | 0.0382 | 55° | | | ○ | | | | |
| | | | | **11BSPT-TF** | 11 | 0.0114 | 0.0591 | 55° | | | ○ | | | | **J38** |
| |  |  | **11IR** | **28BSPT** | **TNN22IR** **28PT** | 28 | 0.0039 | 0.0236 | 55° | ○ | | | | ○ | | |
| | | | | **19BSPT** | | **19PT** | 19 | 0.0063 | 0.0307 | 55° | ○ | | | | ○ | | |
| | | | | **14BSPT** | | **14PT** | 14 | 0.0087 | 0.0382 | 55° | ○ | | | | ○ | | |
| | | | **16IR** | **14BSPT** | **TNN32IR** | **14PT** | 14 | 0.0087 | 0.0382 | 55° | ○ | | | | ○ | | |
| | | | | **11BSPT** | | **11PT** | 11 | 0.0114 | 0.0591 | 55° | ○ | | | | ○ | | |

Recommended Cutting Conditions **J36**

### Applicable Toolholders

| Part Number | Applicable Toolholders | Ref. Page for Toolholder |
|---|---|---|
| **11IR ..** | SINR...-11E<br>SINR...-11 | **J21** |
| **16IR ..** | SINR...-16<br>CINR...-16 | |

# Internal Threading Insert

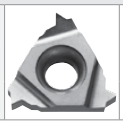
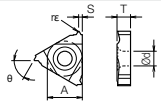
## American National Pipe [NPT]

60° Full Profile (in)

| Part Number | Previous Part Number | A | T | Ød |
|---|---|---|---|---|
| **16IR** | **TNN32IR** | 0.375 | 0.145 | 0.157 |

**Classification of Usage**
● : Continuous / 1st Choice
○ : Continuous / 2nd Choice

| | | | | |
|---|---|---|---|---|
| P | Carbon Steel / Alloy Steel | | ● | |
| M | Stainless Steel | | ● | |
| K | Cast Iron | | | ● |
| N | Non-ferrous Metals | | | ● |

| Insert (Right-handed Insert Shown) | | | Part Number | Previous Part Number | Applicable Thread NPT Pitch TPI | Dimensions (in) rε | S | Angle θ | Cermet TC60 R | Cermet TC60 L | PVD Coated Carbide PR1115 R | PVD Coated Carbide PR1115 L | Carbide GW15 R | Carbide GW15 L | Ref. Page for D.O.C. & Number of Passes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Full Profile |  |  | **16IR** | **18NPT** | **TNN32IR** **18NPT** | 18.0 | 0.0016 | 0.0354 | 60° | ○ | | ● | | ○ | | |
| | | | | **14NPT** | | **14NPT** | 14.0 | 0.0020 | 0.0591 | 60° | ● | | ● | | ○ | | **J38** |
| | | | | **11.5NPT** | | **11.5NPT** | 11.5 | 0.0024 | 0.0591 | 60° | ○ | | ● | | ○ | | |

Recommended Cutting Conditions **J36**

### Applicable Toolholders

| Part Number | Applicable Toolholders | Ref. Page for Toolholder |
|---|---|---|
| **16IR...** | SINR...-16<br>CINR...-16 | **J21** |

| Applicable Thread | | |
|---|---|---|
| | M: Metric | R, Rc (PT), (BSPT): Tapered Pipe |
| | UN: Unified | W: Whitworth |
| | UNF: Unified Fine Thread | NPT: American National Pipe |
| | G (PF): Parallel Pipe | Tr: 30° Trapezoidal |

*PR1115/GW15 Threading Inserts are sold in 5 piece boxes.*

*TC60 Threading Inserts sold in 10 piece boxes.*

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www.kyocera-tools.ru

● : U.S. Stock Standard
○ : World Express (Shipping: 7-10 Business Days)