1. **Cermet Threading Inserts**

**Standard stock:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Cermet Threading Inserts** | | | | | | |
|
| **No.** | **Reference Photo** | **Type** | **Grade** | **Material** | **Coating** | **Work-piece Materials** |
| 1 |  | 16ER1.0 | T45A | Cermet | Uncoated | Steel |
| 2 | 16ER1.5 | T45A | Cermet | Uncoated | Steel |
| 3 | 16ER2.0 | T45A | Cermet | Uncoated | Steel |
| 4 | 16ER2.5 | T45A | Cermet | Uncoated | Steel |
| 5 | 16ER3.0 | T45A | Cermet | Uncoated | Steel |
| 6 |  | 16IR1.0 | T45A | Cermet | Uncoated | Steel |
| 7 | 16IR1.5 | T45A | Cermet | Uncoated | Steel |
| 8 | 16IR2.0 | T45A | Cermet | Uncoated | Steel |
| 9 | 16IR2.5 | T45A | Cermet | Uncoated | Steel |
| 10 | 16IR3.0 | T45A | Cermet | Uncoated | Steel |
| 11 |  | 16ER11W | T45A | Cermet | Uncoated | Steel |
| 12 | 16ER14W | T45A | Cermet | Uncoated | Steel |
| 13 |  | 16IR11W | T45A | Cermet | Uncoated | Steel |
| 14 | 16IR14W | T45A | Cermet | Uncoated | Steel |
| 15 |  | 16ERAG55 | T45A | Cermet | Uncoated | Steel |
| 16 | 16ERAG60 | T45A | Cermet | Uncoated | Steel |
| 17 |  | 16IRAG55 | T45A | Cermet | Uncoated | Steel |
| 18 | 16IRAG60 | T45A | Cermet | Uncoated | Steel |
|  |  |  |  |  |  |  |

**Grade:**

**T45A (TiCN) based cermet material, with strong crater wear resistance and can withstand certain impact loads, suitable for semi-finish of low-carbon steel, low-alloy steel, gray cast iron, silicon-aluminum alloy and stainless steel.**