



## 6 Step Tool Selection (continued)

- 3 Select the Insert** according to the application and material to be machined.
- 3.1 Application Section**
- Facing, Semi-Finishing and Finishing Or
  - Facing, Slotting and Plunging (7792VX series)

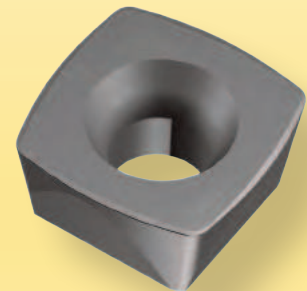
- 3.2 Material to be machined**
- For each insert, a colored symbol will advise you about the performance, as well as the materials which can be machined. The color of the symbol corresponds to the ISO Material designation.

Symbol explanation:

- ◆ 1st choice: Excellent performance
- 2nd choice: Good performance
- 3rd choice: Alternative option

ISO Material designation:

**Example:**  
Material: Alloyed Steel  
facing operation  
XDLW090408SR-D X400  
1st Choice grade / geometry



## Material Guide – Key to Recommended Inserts

### Material Designation

- ◆ Unalloyed Steels
- ◆ Alloyed Steels
- ◆ Stainless Steels
- ◆ PH Stainless
- ◆ Cast Irons
- ◆ Aluminum & Alloys
- ◆ High Temp. Alloys
- ◆ Hard Materials

- 4 Select the recommended Feed range** according to the operation and the material to be machined.

**Example:**  
Feed range for  
XDLW090408SR-D X400  
for Facing in Alloyed Steel  
0,30 – 1,90 mm/tooth

Note: HTA = High Temperature Alloys  
Note: Speed recommendations can be found on page A72.