

PDJN (External / Copying)

Side Rake Angle: -6°
Angle of Inclination: -7°

• Right-hand shown

● **Applicable Inserts**

| Toolholder | Insert | |
|---|----------------------|----------------|
| PDJN%...-12-3B PDJN%...-16-3D PDJN%...-11 | DN□A DN□G | 33.. |
| PDJN%...-16-4D PDJN%...-15 | DN□A DN□G DN□M | 43.. |
| PDJN%...-15U | | 44.. (43..) |

PDHN (External / Face Grooving / Copying)

Side Rake Angle: -6°
Angle of Inclination: -6°

• Right-hand shown

● **Applicable Inserts**

| Toolholder | Insert | |
|-------------|----------------------|----------------|
| PDHN%...-15 | DN□A DN□G DN□M | 43.. (44..) |

● Toolholder Dimensions

| Part Number | Stock | | Unit | Dimensions | | | | | | Standard Corner-R(°) | Spare Parts | | | | | |
|-----------------|-------|---|------|------------|------|------|------|------|------|----------------------|-------------|------------|--------|----------|-------|--------|
| | R | L | | H1=h | B | L1 | L2 | F1 | F2 | | Lever | Lock Screw | Shim | Shim Pin | Punch | Wrench |
| | | | | | | | | | | | | | | | | |
| PDJN% 12-3B | ● | | Inch | 0.75 | 0.75 | 4.50 | 0.87 | 1.00 | 0.61 | 1/32 | | | | | | |
| 16-3D | ● | ● | | 1.00 | 1.00 | 6.00 | 0.87 | 1.25 | 0.70 | | LL-1N | LS-1N | LD-32N | LSP-1 | PC-1 | FH-2.5 |
| PDJN% 16-4D | ● | ● | mm | 0.75 | 0.75 | 4.50 | 1.06 | 1.00 | 0.80 | 1/32 | | | | | | |
| PDJN% 1616H-11 | ○ | ○ | | 16 | 16 | 100 | 28 | 20 | - | | 0.4 | | | | | |
| 2020K-11 | ○ | ○ | 20 | 20 | 125 | 28 | 25 | - | 0.8 | | | | | | | |
| 2525M-11 | ○ | ○ | 25 | 25 | 150 | 28 | 32 | 27 | | 0.8 | | | | | | |
| PDJN% 2020H-15* | ○ | ○ | 20 | 20 | 100 | 36 | 25 | - | 0.8 | | | | | | | |
| 2020K-15 | ○ | ○ | 20 | 20 | 125 | 36 | 25 | - | | 0.8 | | | | | | |
| 2525M-15 | ● | ○ | 25 | 25 | 150 | 36 | 32 | 25 | 0.8 | | | | | | | |
| 3225P-15 | ○ | ○ | 32 | 25 | 170 | 36 | 32 | 25 | | 0.8 | | | | | | |
| PDJN% 2525M-15U | ○ | ○ | 25 | 25 | 150 | 34 | 32 | 24 | 0.8 | | | | | | | |
| 3232P-15U | ○ | ○ | 32 | 32 | 170 | 36 | 40 | 28 | | 0.8 | | | | | | |
| PDHN% 2020K-15 | ● | ○ | 20 | 20 | 125 | 35 | 25 | 22 | 0.8 | | | | | | | |
| 2525M-15 | ○ | ○ | 25 | 25 | 150 | 34 | 32 | 24 | | 0.8 | | | | | | |

* Mark indicates short shank type

● Shim: PDJN%-15U...LD-42 is attached to PDJN%-15U. When using DN□□43 type insert, prepare LD-43 separately.

PDHN ...LD-43 is attached to PDHN. When using DN□□44 type Insert, prepare LD-42 separately.

● When using inserts whose corner-R(°) is greater than 1/16", please purchase a shim with * mark and use it in order to prevent workpiece and shim from interfering each other.

● Applicable Inserts

| Application | Finishing | Finishing-Medium | Finishing-Medium | Finishing-Medium | Medium-Roughing | Medium-Roughing | Medium-Roughing | Medium-Roughing / High Feed Rate | Roughing | Roughing |
|-------------|--|------------------|------------------|------------------------|---------------------|-----------------------|-----------------------------|-----------------------------------|-----------------------------------|------------|
| Ref. Page | ● B22 | ● B22 | ● B22 | ● B23 | ● B23 | ● B23 | ● B24 | ● B24 | ● B24 | ● B24 |
| Insert | | | | | | | | | Standard | |
| Size | 43.., 44.. | 43.., 44.. | 43.., 44.. | 43.., 44.. | 33.., 43.., 44.. | 43.., 44.. | 43.., 44.. | 43.., 44.. | 43.., 44.. | 43.., 44.. |
| Application | Single Sided / Roughing / High Feed Rate | Finishing | Medium | Soft Steel / Finishing | Soft Steel / Medium | Soft Steel / Roughing | Stainless Steel / Finishing | Stainless Steel / Medium-Roughing | Stainless Steel / Medium-Roughing | |
| Ref. Page | ● B25 | ● B27 | ● B27 | ● B25 | ● B25 | ● B25 | ● B26 | ● B26 | ● B26 | |
| Insert | | | | | | | | | | |
| Size | 43.., 44.. | 33.. | 33.., 43.. | 43.., 44.. | 43.., 44.. | 43.. | 43.., 44.. | 43.., 44.. | 43.., 44.. | |
| Application | Stainless Steel / Medium-Roughing | Cast Iron | Cast Iron | Cast Iron | Cast Iron | Non-ferrous Metals | Non-ferrous Metals | Non-ferrous Metals | Hard Materials | |
| Ref. Page | ● B26 | ● B26 | ● B27 | ● B27 | ● B91 | ● B27 | ● B27 | ● C23 | ● C8, C9 | |
| Insert | | | | | Ceramic | | | | | |
| Size | 43.., 44.. | 43.., 44.. | 43.., 44.. | 43.., 44.. | 43.., 44.. | 43.., 44.. | 43.. | 43.. | 43.., 44.. | |