



# พินซ์มีป่า แบบเจคเตอร์ (JECTOR PUNCHES)

| ชนิด (Type) | ลำตัวพินซ์<br>(Shank dia.) ØD      | STEEL GRADE M<br>HARDNESS H | Catalog No. |                   |       | รูปร่างของปลายพินซ์เลือกจากรูป A E ตามภาพด้านล่าง<br>(Tip shape can selected from A E in figure below) |
|-------------|------------------------------------|-----------------------------|-------------|-------------------|-------|--------------------------------------------------------------------------------------------------------|
|             |                                    |                             | Type        | B<br>Point length | Shape |                                                                                                        |
|             | Dm5                                | D4-6 (SKH51)<br>61-64HRC    | JP          |                   | A     |                                                                                                        |
|             |                                    | D8-25 (SKD11)<br>60-63HRC   |             |                   |       |                                                                                                        |
|             |                                    | HAP40<br>64-67HRC           |             |                   |       |                                                                                                        |
|             | D <sup>+0.005</sup> / <sub>0</sub> | D4-6 (SKH51)<br>61-64HRC    | A-JP        |                   | D     |                                                                                                        |
|             |                                    | D8-25 (SKD11)<br>60-63HRC   |             |                   |       |                                                                                                        |
|             |                                    | HAP40<br>64-67HRC           |             |                   |       |                                                                                                        |

  

| Shape A                                       | Shape B                                       | Shape C                                                                 | Shape D                       | Shape E                                                                       |
|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------|
|                                               |                                               |                                                                         |                               |                                                                               |
| $P \geq 0.01$<br>$W \pm 0.01$<br>$R \leq 0.2$ | $P \geq 0.01$<br>$W \pm 0.01$<br>$R \leq 0.2$ | $P \geq 0.01$<br>$W \pm 0.01$<br>$R \leq 0.2$<br>$K = \sqrt{P^2 + W^2}$ | $P \geq 0.01$<br>$W \pm 0.01$ | $P \geq 0.01$<br>$W \pm 0.01$<br>$R$<br>$K = \sqrt{(P-2R)^2 + (W-2R)^2} + 2R$ |

| Catalog No.                                                  |                       |                       | ØD                                                     | L                         | 0.01 mm               |       |             |                         |      | B         | H                       |
|--------------------------------------------------------------|-----------------------|-----------------------|--------------------------------------------------------|---------------------------|-----------------------|-------|-------------|-------------------------|------|-----------|-------------------------|
| Type                                                         | B<br>Point length     | Shape                 |                                                        |                           | A                     | B     | C           | D                       | E    |           |                         |
| (Dm5)<br>JP<br>JPH                                           | ระยะคมตัดสั้น<br>     | A<br>B<br>C<br>D<br>E | 4                                                      | 40 50 60 70 80            | 1.00-3.99             | 3.97  | 1.00        | 0.20 ≤ R < W/2 (E only) | 8    | 7         |                         |
|                                                              |                       |                       | 5                                                      | 40 50 60 70 80            | 2.00-4.99             | 4.97  | 2.00        |                         |      | 8         |                         |
|                                                              |                       |                       | 6                                                      | 40 50 60 70 80            | 2.00-5.99             | 5.97  | 2.00        |                         |      | 9         |                         |
|                                                              |                       |                       | 8                                                      | (40) 50 60 70 80 90 100   | 3.00-7.99             | 7.97  | 3.00        |                         |      | 11        |                         |
|                                                              |                       |                       | 10                                                     | (40) 50 60 70 80 90 100   | 3.00-9.99             | 9.97  | 3.00        |                         |      | 13        |                         |
|                                                              |                       |                       | 13                                                     | (40) 50 60 70 80 90 100   | 6.00-12.99            | 12.97 | 6.00        |                         |      | 16        |                         |
|                                                              |                       |                       | 16                                                     | (40) (50) 60 70 80 90 100 | 10.00-15.99           | 15.97 | 6.00        |                         |      | 19        |                         |
|                                                              |                       |                       | 20                                                     | (40) (50) 60 70 80 90 100 | 13.00-19.99           | 19.97 | 6.00        |                         |      | 23        |                         |
|                                                              |                       |                       | 25                                                     | (40) (50) 60 70 80 90 100 | 18.00-24.99           | 24.97 | 6.00        |                         |      | 28        |                         |
|                                                              |                       |                       | (D <sup>+0.005</sup> / <sub>0</sub> )<br>A-JP<br>A-JPH | ระยะคมตัดยาว<br>          | A<br>B<br>C<br>D<br>E | 4     | 50 60 70 80 |                         |      | 1.00-3.99 | 3.97                    |
| 5                                                            | 50 60 70 80           | 2.00-4.99             |                                                        |                           |                       | 4.97  | 2.00        | 8                       |      |           |                         |
| 6                                                            | 50 60 70 80           | 2.00-5.99             |                                                        |                           |                       | 5.97  | 2.00        | 9                       |      |           |                         |
| 8                                                            | 50 60 70 80 90 100    | 3.00-7.99             |                                                        |                           |                       | 7.97  | 3.00        | 11                      |      |           |                         |
| 10                                                           | 50 60 70 80 90 100    | 3.00-9.99             |                                                        |                           |                       | 9.97  | 3.00        | 13                      |      |           |                         |
| 13                                                           | 50 60 70 80 90 100    | 6.00-12.99            |                                                        |                           |                       | 12.97 | 6.00        | 16                      |      |           |                         |
| 16                                                           | 60 70 80 90 100       | 10.00-15.99           |                                                        |                           |                       | 15.97 | 6.00        | 19                      |      |           |                         |
| 20                                                           | 60 70 80 90 100       | 13.00-19.99           |                                                        |                           |                       | 19.97 | 6.00        | 23                      |      |           |                         |
| 25                                                           | 60 70 80 90 100       | 18.00-24.99           |                                                        |                           |                       | 24.97 | 6.00        | 28                      |      |           |                         |
| (Dm5)<br>JP<br>(D <sup>+0.005</sup> / <sub>0</sub> )<br>A-JP | ระยะคมตัดยาวพิเศษ<br> | A<br>B<br>C<br>D<br>E |                                                        |                           |                       | 5     | 60 70 80    | 2.00-4.99               | 4.97 | 3.50      | 0.20 ≤ R < W/2 (E only) |
|                                                              |                       |                       | 6                                                      | 60 70 80                  | 2.00-5.99             | 5.97  | 3.50        | 9                       |      |           |                         |
|                                                              |                       |                       | 8                                                      | 70 80 90 100              | 3.00-7.99             | 7.97  | 5.00        | 11                      |      |           |                         |
|                                                              |                       |                       | 10                                                     | 70 80 90 100              | 3.00-9.99             | 9.97  | 6.00        | 13                      |      |           |                         |
|                                                              |                       |                       | 13                                                     | 70 80 90 100              | 6.00-12.99            | 12.97 | 6.00        | 16                      |      |           |                         |
|                                                              |                       |                       | 16                                                     | 80 90 100                 | 10.00-15.99           | 15.97 | 6.00        | 19                      |      |           |                         |
|                                                              |                       |                       | 20                                                     | 80 90 100                 | 13.00-19.99           | 19.97 | 6.00        | 23                      |      |           |                         |
|                                                              |                       |                       | 25                                                     | 80 90 100                 | 18.00-24.99           | 24.97 | 6.00        | 28                      |      |           |                         |

**Order** Catalog No. **JPLD** ØD - L - P - W - R(E only)  
16 - 80 - P15.00 - W10.00

หมายเหตุ : สำหรับพินซ์กลม ถ้าค่า P>D-0.03 จะไม่มีการเจียรตกลบ Ø<sub>0.03</sub><sup>0.01</sup> (For round punches, when P>D-0.03, there will be no grinding relief of Ø<sub>0.03</sub><sup>0.01</sup>)  
 สำหรับพินซ์รูปร่างอื่น ถ้าค่า P หรือ K>D-0.05 จะไม่มีการเจียรตกลบ Ø<sub>0.03</sub><sup>0.01</sup> (For shaped punches, when P or K>D-0.05, there will be no grinding relief of Ø<sub>0.03</sub><sup>0.01</sup>)  
 ถ้า L=(40) ค่า B จะเป็น 6 เท่านั้น / ถ้า L=(50) ค่า B จะเป็น 13 เท่านั้น (When L= (40) and (50), "B" value will be 6 and 13 continuously)