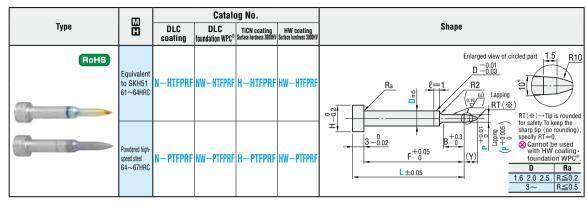
PILOT PUNCHES — FOR FIXING TO STRIPPER PLATE—

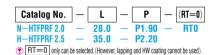




Catalog No.			0.1mm increments	0.01mm increments (0.001mm increments for lapping)	ping) B	н
Type D		D	L	min. P max.	P	п п
DLC coating DLC foundation WPC® MEquivalent to SKH51 N—HTFPRF MPowdered high-speed steel N—PTFPRF NW—PTFPRF		1.6	10.0 ~ 40.0	$1.00 \sim 1.59$		2.6
	NW-HTFPRF	2.0		1.00 ∼ 1.99		3.0
		2.5		1.50 ∼ 2.49		3.5
		3		$2.00\sim 2.99$		5
TICN coating ☐ Equivalent to SKH51 H—HTFPRF ☐ Powdered high-speed steel H—PTFPRF	HW coating HW—HTFPRF HW—PTFPRF	4		$2.00\sim3.99$	(4)	7
		5		2.00 ∼ 4.99	-	8
		6		$2.50\sim5.99$		9
To modified might opposed states		8		5.00 ∼ 7.99		11

 \P P>D−0.03····ℓ=0 If P>D−0.03, D^{0.01}_{-0.03} (press-in lead) is not included. \P B(4)····If L<12, tip length B is 2mm. The coating process also forms an extremely thin coating layer on the shank. $(Y) \rightarrow Tip Y length = 0.6 + \sqrt{(P-0.2)(40.2-P)/4}$





■ Features • These pilot punches for fixing to stripper plates were developed for use with press dies that are used with thin workpieces.

• The under-head dimension F is highly accurate and the tip is smoothly







	Alteration	Code	Spec.	1Code	
	(<u>O)</u> 21 a	PC	Tip diameter change PC≥ 0.01mm increments (With lapping, 0 (If combined with PKC, 0.001mm incr		
	BC	ВС	Tip length change 2≦BC≦Bmax. 0.1mm increments • Full length L must be at least 8mm longer than tip length BC.	P Bmax. 1.000~1.199 15 1.200~1.999 20 2.000~ 24	
Alterations to tip	RLC +0.3	RLC	Tip R is cut flat. 3≦RLC <ymax. 0.1mm="" be="" cannot="" increments="" rt="0" selected.<="" td="" ⊗=""><td>P(PC) Ymax. 1.000~1.499 3 1.500~2.499 4 2.500~3.499 5 3.500~4.999 6 5.000~6.999 7 7.000~7.990 8</td><td>uotation</td></ymax.>	P(PC) Ymax. 1.000~1.499 3 1.500~2.499 4 2.500~3.499 5 3.500~4.999 6 5.000~6.999 7 7.000~7.990 8	uotation
Alte	0.16 GL R10 0.16 GL	SC	Lapping of tip P dimension increment re The base material is finished befor RT=0 cannot be selected Cannot be used with HW coat	Ø	
		PKC	Tip diameter tolerance change 8 Lapping. † P dimension can be selected in	$P + 0.01 \Rightarrow +0.005 \\ 0.001 mm increments.$	

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■Effects of DLC coating

Effective for preventing adhesion during aluminum or copper blanking thanks to its low affinity for nonferrous metal.See the product data for details. **P.1609**

304 303