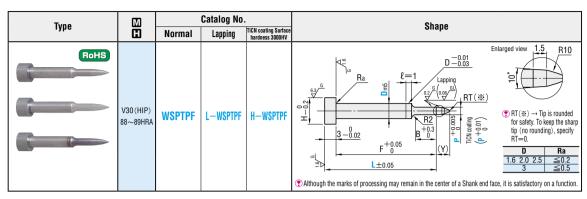
CARBIDE PILOT PUNCHES FOR FIXING TO STRIPPER PLATES



CARBIDE STRAIGHT PILOT PUNCHES FOR FIXING TO STRIPPER PLATES

PRODUCTS DATA

-TIP R AND TAPER COMBINED TYPE∙MINUS HEAD TOLERANCE∙NORMAL∙LAPPING∙TICN COATING-



Catalog No.				0.1mm increments	0.001mm increments (With coating, 0.01mm increments)	D	н
Туре			D	L	min. P max.	В	- "
			1.6		0.800 (1.00) ~ 1.599		2.6
Normal	Lapping	TiCN coating	2.0	$10.0\sim32.0$	1.000 ~ 1.999	4	3.0
WSPTPF	L—WSPTPF	H-WSPTPF	2.5		1.500 ~ 2.499	4	3.5
			3	10.0 ~ 40.0	2.000 ∼ 2.999		5
\P P>D-0.03 ···• ℓ=0 If P>D-0.03, D ^{-0.01} _{-0.03} (press-in lead) is not included.				(Y) ··· Tip Y length = 0.	6+√(P-0.2) (39.8-P)/4		

 \P P>D-0.03 ···· ℓ=0 If P>D-0.03, D_{-0.03} (press-in lead) is not included. The coating process also forms an extremely thin coating layer on the shank.

• P(1.00) → For TiCN coating is Pmin 1.00.





• RT=0 only can be selected. (However, lapping cannot be used.)

■ 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 rounded.









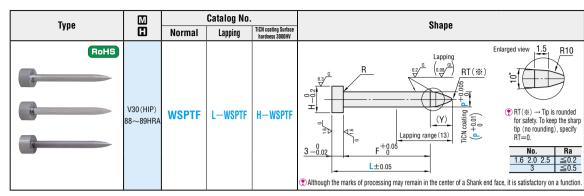
Alteration		Code	Spec.	1Code
Alterations to tip	B BC	ВС	$\begin{tabular}{lll} \hline Tip length change & & \hline P & Bmax. \\ $2 \le BC \le Bmax. & 0.800-1.999 & 15 \\ 0.1mm increments & 2.000-2.999 & 21 \\ \hline \ref{tabular} & Full length L must be at least 8mm longer than tip length BC. } \end{tabular}$	
	RLC +0.3	RLC	Tip R is cut flat. 3 ≤RLC <ymax. <math="">0.1mm increments $\frac{P}{0.800 \sim 1.499} = \frac{3}{3}$ $1.500 \sim 2.499 = 4$ $2.500 \sim 2.999 = 5$</ymax.>	
		PKC	$ \begin{array}{lllllllllllllllllllllllllllllllll$	Quotation
		PKV		
	0.08 GL	SC	Tip roughness change \$\frac{0}{2} \subseteq \infty \text{Query} \frac{\text{SL}}{\text{Olive}} \text{ \text{Olive} \text{ \text{Olive} \text{ \text{Olive} \text{ Supplied.} \text{ Supplied.} \text{Oliv	

Alteration		Code	Spec.	1Code
Full length		LKC	Full length tolerance change $\begin{array}{ccc} L \pm 0.05 & \Leftrightarrow & +0.05 \\ & & \\ \hline \rat{r} & F & dimension tolerance & F & +0.05 \\ & & & \\ \hline \rat{0} & & \Leftrightarrow & \pm 0.05 \\ \end{array}$	
	<u> </u>	НС	Head diameter change D+0.1≦HC <h 0.1mm increments</h 	
Alterations to head	TC.	Head thickness change 2≦TC<3 0.1mm increments The full length remains as specified.	otation	
		KC	Addition of single key flat to head	Quot
	0	WKC	Addition of double key flats in parallel	
Others	ℓ D-0.03	NDC	No press-in lead	









Catalog No.				0.1mm increments	0.001mm increments (With coating, 0.01mm increments)	н
Type No.			L	min. P max.		
Normal WSPTF	Lapping L-WSPTF		1.6	10.0 ~ 32.0	$0.800(1.00){\sim}1.600$	2.6
		TiCN coating	2.0		$1.000 \sim 2.000$	3.0
		H-WSPTF	2.5		$1.500 \sim 2.500$	3.5
			3	10.0 ~ 40.0	$2.000 \sim 3.000$	5

• (Y) \longrightarrow Tip Y length=0.6+ $\sqrt{(P-0.2)(39.8-P)/4}$ • P(1.00) \longrightarrow For TiCN coating is Pmin 1.00.



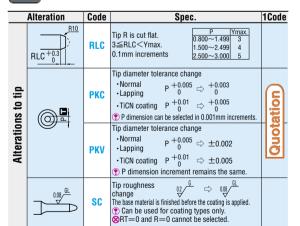


Features •These pilot punches for fixing to stripper plates were developed for use with press dies that are used with thin workpieces.

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







Alteration		Code	Spec.	1Code
Full length		LKC	Full length tolerance change $\ \ \ \ \ \ \ \ $	
ad	=121	НС	Head diameter change 2.6≦P+0.1≦HC <h 0.1mm increments</h 	(F)
Alterations to head	TC TC	TC	Head thickness change 2≦TC<3 0.1mm increments The full length remains as specified. Cannot be used with TiCN coating.	uotatie
Iteratic		KC	Addition of single key flat to head	Ø
¥		WKC	Addition of double key flats in parallel	
		WKC	Addition of double key flats in parallel	



Quotation

576 575