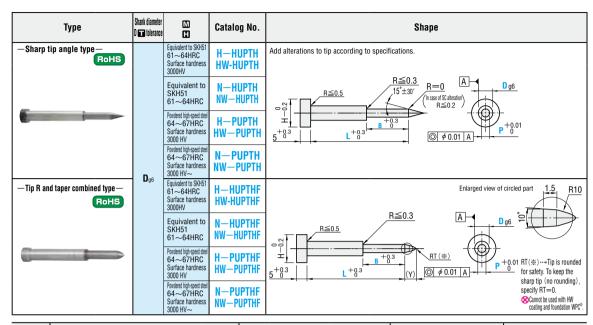
PILOT PUNCHES, MOVABLE TYPE

-HEADED TYPE, TICN COATING. HW COATING. DLC COATING-

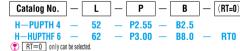




н	Catalog No.			L					0.01mm increments	0.1mm increments
"	Ту	Туре		T L is the dimension under the head.				ad.	min. P max.	В
6	-TICN coating— H—HUPTH H—HUPTHF H—PUPTHF H—PUPTHF -HW coating— HW—HUPTH HW—HUPTHF HW—PUPTHF	-DLC coating- N-HUPTH N-PUPTH N-HUPTHF N-PUPTHF -DLC foundation WPC*- NW-HUPTH NW-PUPTH NW-HUPTH NW-PUPTHF NW-PUPTHF	3	42	52	62	72		1.00~2.50	2.0∼25.0 and B≦L/2
			4	42	52	62	72		1.50~3.50	
8			5	42	52	62	72		2.00~4.50	
O			6	42	52	62	72		2.50~5.50	
10			8	42	52	62	72	82	3.00~7.50	

• With TiCN coating, an extremely thin coating layer is also formed on the shank. • $(Y) \rightarrow Tip Y length = 0.6 + \sqrt{(P-0.2)(40.2-P)/4}$

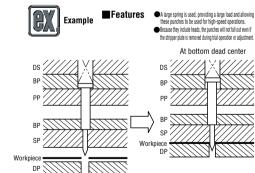




(Can be used for tip R and taper combined types. However alteration SC+HW coating • Foundation WPC® cannot be used.)









	Alteration	Code	Spec.	1Code
	Alteration	Coue	Spec.	TCOUR
	(<u>)</u> 21 a	PC	Tip diameter change PC≥Pmin./2≥1.00 0.01mm increments ((If combined with PKC, 0.001mm increments can be selected.)	iotation
	GC	GC	Tip angle change 15° < GC ≤ 45° 1° increments ⊗ Cannot be used for tip R and taper combined types.	
Alterations to tip	R10	RC	Rounding to tip Tip is rounded to R10. Cannot be used for tip R and taper combined types.	
Alterati	RLC +0.3	RLC	Tip R is cut flat. 3 ≦RLC < Ymax. 1.000~1.499 3 1.500~2.499 4 2.1mm increments ⊗ RT=0 cannot be selected. ⊗ Cannot be used for sharp tip angle types.	Quo
	ВП	вкс	Tip length tolerance $\begin{array}{c} B + 0.3 \\ 0 \end{array} \Longrightarrow \begin{array}{c} +0.05 \\ 0 \end{array}$	

	Alteration	Code	Spec.	1Code
Alterations to tip	0.16, G		Lapping of tip ① direction bleane remains the same. The base matural is finished before the coating is applied. ② RT=0 cannot be selected ③ Cannot be used with HW coating and DLC foundation WPC®	
Alteratio		PKC	Tip diameter tolerance change $P \stackrel{+0.01}{\circ} \rightleftharpoons \stackrel{+0.005}{\circ}$ • P dimension can be selected in 0.001mm increments.	
Alterations to full length		LC	Full length change B+15≦LC <l 0.1mm increments</l 	Quotation
Alterations to head	<u>∓ဩ</u>	нс	Head diameter change D≤HC <h 0.1mm increments</h 	
Alteration	T	TC	Head thickness change 2≦TC<5 0.1mm increments	



Quotation

■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

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