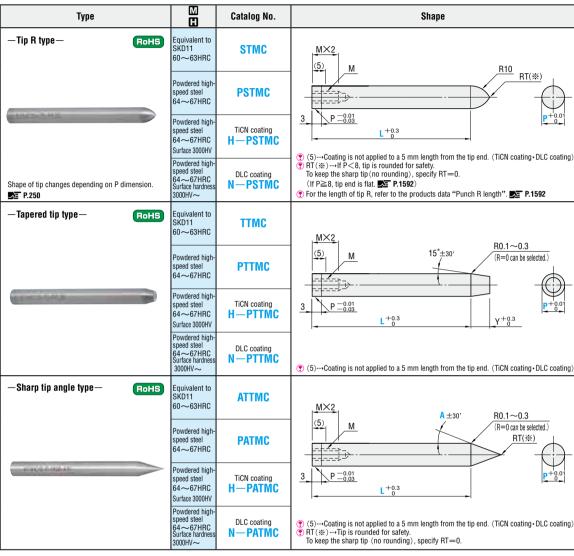
## **TAPPED STRAIGHT PILOT PUNCHES**

-NORMAL·TICN COATING·DLC COATING-





Catalog No.			0.01mm increments	Α	I ,	D.A.
Туре	No.	L	min. P max.	A	Y	M
			6.00~ 8.00		5	3
TIMC ATTMC  Powdered high-speed steel  Normal— PSTMC H—PSTMC H—PSTMC H—PTTMC H—PATMC N—PATMC  PATMC  Equivalent to SKD11  Powdered high-speed steel  N=DLC coating— PSTMC N—PSTMC N—PTTMC PATMC N—PATMC	10	42 52 62 72 (82) (92)	8.00~ 10.00	(15) (20) 25 30 8	3	4
	13		10.00~ 13.00		0	6
	16		13.00~ 16.00			
	20		16.00~ 20.00		0	
	25		20.00~ 25.00			

L(82) (92) 

 L82/92 can be used for tip R types and tapered tip types only.

 $\bigotimes$  A(15)...If  $P \ge 15.00$ , A15 cannot be selected.  $\bigotimes$  A(20)...If  $P \ge 20.0$ , A20 cannot be selected.





• Can be used for sharp tip angle types only.

• RT=0 only can be selected. (Can be selected for tip R types with P<8 and sharp tip angle types.)

• R=0 only can be selected. (Can be used for tapered tip types and sharp tip angle types.)



Days to Ship 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

	Alterations	Code	Tip R type	Tapered tip and sharp tip angle types	1Code
	YC +0.3	YC		Tip taper length change 1≦YC≦PX1.86-0.3≦18 L (LC) +YC≦Lmax.+8 0.1mm increments ⊗ Cannot be used for sharp tip angle types.	
Alterations to tip		PKC	Tip tolerance change p +0.01 ⇔ +0.005  ₱ P dimension can be selected in 0.001mm increments. Cannot be used with TiCN coating.		E
	RLC +0.3	RLC	Tip R is cut flat. $2 \le RLC < Y < 8$ $Y = \sqrt{P(10 - P/4)}$ 0.1mm increments		Quotation
	Lapping range (B)	SC	Lapping of tip $\P$ P dimension tolerance remains the same. With TiCN coating, the base material is finished before the coating is applied. Lapping range (B) P (B) $P$		

	Alterations	Code	Tip R type	Tapered tip and sharp tip angle types	1Code
Alterations to full length		LC	Full length change 25≦LC <l 0.1mm increments</l 		
groove		KC	5 1	Addition of single key flat to head	Quotation
Alterations to key groove		WKC	5 1	Addition of double key flats in parallel	Ø
Alterati	D=0.01 D=0.03	NDC	No press-in lead ℓ=3 ⇒ℓ=0		



**Quotation**