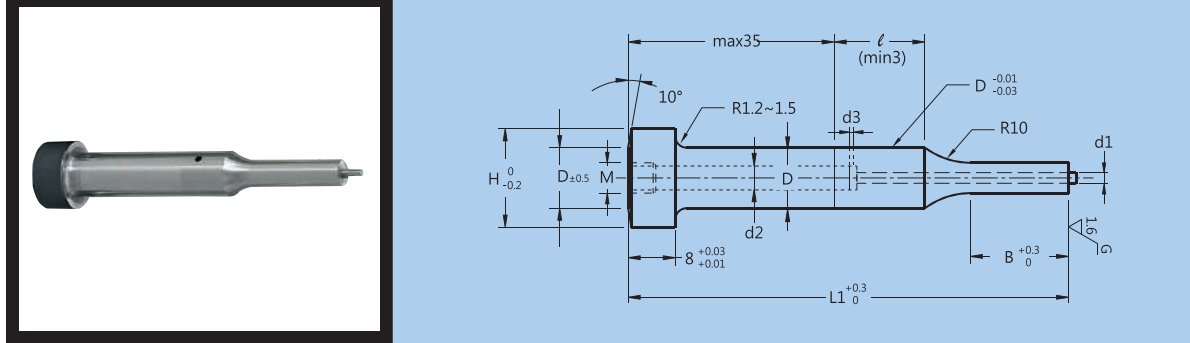




HTP029



Type 品名	Material 材質	Hardness 硬度	Delivery 交貨日
HTP029	Powdered Highspeed Steel 粉末高速鋼	64~67HRC	8 Working Days 8 個工作日

D Tolerance 柄部直徑公差	
a	m5
b	+0.005 0

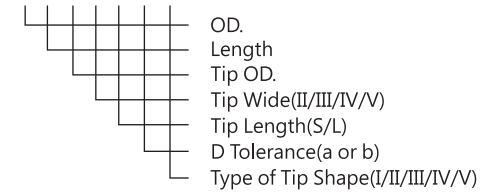
Type of Tip Shape 刃口形狀	I	II	III	IV	V

Type 品名	Tip Length 刃口長度	D	L1 (u: 10mm)	I (u:0.01mm) min. P max.	II/III/IV/V (u:0.01mm) P·Kmax.	III (u:0.01mm) R	B	H	d1	d2	d3	M					
HTP029	S	8	(50)~100	4.00~7.99	7.97	4.00	0.15 ≤ R < W/2	13	13	1.5	3.4	1.5	4				
		10	(50)~100	5.00~9.99	9.97	5.00		13	15	1.8	4.4						
		13	(50)~100	6.00~12.99	12.97	6.00		13	18	2.8							
		16	(50)~100	10.00~15.99	15.97	6.00		19	21					4.4			
		20	(50)~100	13.00~19.99	19.97	6.00		19	25						4.4		
		25	(50)~100	18.00~24.99	24.97	6.00		19	30							3.1	
	L Tip Length 刃口長度 L>S	8	60~100	4.00~7.99	7.97	4.00		19	13			1.5	3.4				1.5
		10	60~100	5.00~9.99	9.97	5.00		19	15		1.8	4.4					
		13	60~100	6.00~12.99	12.97	6.00		19	18	2.8							
		16	70~100	10.00~15.99	15.97	6.00		25	21		4.4						
		20	70~100	13.00~19.99	19.97	6.00		25	25				4.4				
		25	70~100	18.00~24.99	24.97	6.00		25	30					3.1			

\* L1 (50)→B=8 If full length is (50), tip length is 8mm in all cases. 全長為(50)時·刃口長度一律為8mm  
 \* I: P>D-0.03→l=0 If P>D-0.03 for a round punch, D<sub>-0.01</sub><sup>-0.01</sup> (press-in lead) is not included. 圓沖頭P>D-0.03時·不附D<sub>-0.03</sub><sup>-0.01</sup>(導入部)  
 \* II/III/IV/V: P·K>D-0.05→l=0 If P·K>D-0.05 for a shaped punch, D<sub>-0.01</sub><sup>-0.01</sup> (press-in lead) is not included. 變形沖頭P·K>D-0.05時·不附D<sub>-0.03</sub><sup>-0.01</sup>(導入部)

Order Ex. 訂購範例

HTP029-8-L1-P-W-□-□-□



外徑  
長度  
前端外徑  
前端寬度(II/III/IV/V)  
刃口長度(S/L)  
柄部直徑公差(a or b)  
刃口形狀(I/II/III/IV/V)

Alterations	追加加工名稱	Description	加工說明	Alterations	追加加工名稱	Description	加工說明	
Alterations to Tip 刃口追加加工	BC	Tip length change 變更刃口長度 *請參考表13		Alterations to Head 頭部追加加工	KC WKC KFC NKC	Addition key flats 止迴追加加工		
	PRC	Rounding of tip side edge 刃口側端面R加工			Alterations to Shank 柄部追加加工	SKC	Single key flat on shank 柄部平面加工(1面)	
	PCC	Chamfering to tip side edge 刃口側端面C倒角加工				AC	The jector pin is removed to create an air path and the side vent hole is plugged from the inside by inserting a resin (ABS) ring. 作為空壓用·將頂出銷拔除·放入環狀樹脂(ABS)從內側將橫孔塞柱	
PKC	Tip tolerance change 變更刃口公差		NC	The jector pin is removed. 拔除頂出銷				
Alterations to Full Length 全長追加加工	LC	Full length change 變更全長 *請參考表6		Alterations to Full Length 全長追加加工	NDC	No press-in lead 無導入部		
	LKC LKZ	Full length tolerance change 變更全長公差			*追加加工詳細說明請參考產品概要-追加加工說明			