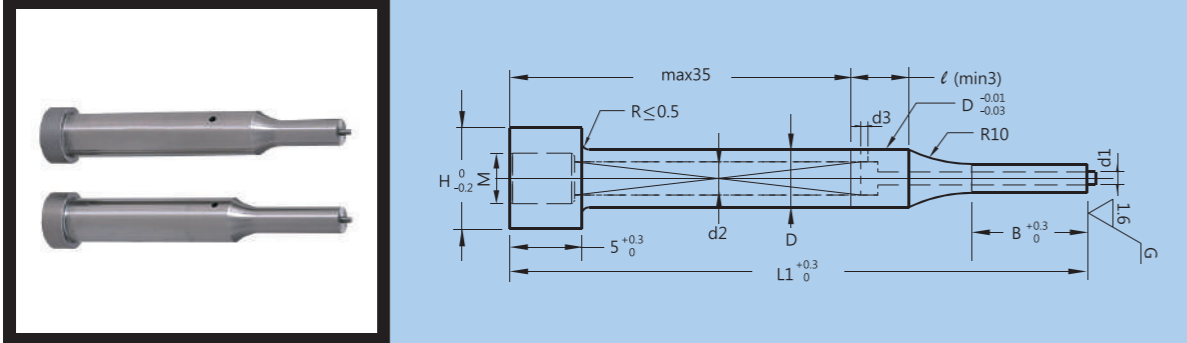


HTP007



Type 品名	Material 材質	Hardness 硬度	Surface Treatment 表面處理	Delivery 交貨日
HTP007-A	Equivalent to SKD11 SKD11同級	60~63HRC Surface表面3000HV	DICOAT	8 Working Days 8 個工作日
HTP007-B	Powdered Highspeed Steel 粉末高速鋼	62~64HRC Surface表面3000HV		

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
		R=0 Can be Selected 可指定R=0 $P \ge W$ $K = \sqrt{P^2 + W^2}$	$P \ge W$ $0.15 \le R < \frac{W}{2}$ $K = \sqrt{(P-2R)^2 + (W-2R)^2} + 2R$		

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.	II/III/IV/V (u:0.01mm) P·Wmin.	III (u:0.01mm) R	B	H	d1	d2	d3	M				
HTP007-A HTP007-B	S	4	40~80	1.00~3.99	3.97	1.00	$0.15 \le R < \frac{W}{2}$	8	7	0.4	2.1	1.0	2.5				
		5	40~80	2.00~4.99	4.97	2.00		8	8	0.7							
		6	40~80	2.00~5.99	5.97	2.00		8	9	0.7				2.6			
		8	(40)~100	3.00~7.99	7.97	3.00		13	11	1.1				3.4			
		10	(40)~100	3.00~9.99	9.97	3.00		13	13	1.5				4.4			
		13	(40)~100	6.00~12.99	12.97	6.00		13	16	1.8							
	L	16	(40)·(50)~100	10.00~15.99	15.97	6.00		19	19	4.4	1.5	5					
		20	(40)·(50)~100	13.00~19.99	19.97	6.00		19	23				2.8				
		25	(40)·(50)~100	18.00~24.99	24.97	6.00		19	28				4.4				
		4	50~80	1.00~3.99	3.97	2.00		13	7					0.4	2.1	1.0	2.5
		5	50~80	2.00~4.99	4.97	2.00		13	8					0.7			
		6	50~80	2.00~5.99	5.97	2.00		13	9					0.7			
		8	50~100	3.00~7.99	7.97	3.00		19	11				1.1	3.4	4.4	1.5	5
10	50~100	3.00~9.99	9.97	3.00	19	13	1.5	4.4									
13	50~100	6.00~12.99	12.97	6.00	19	16	1.8		4.4								

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.	II/III/IV/V (u:0.01mm) P·Wmin.	III (u:0.01mm) R	B	H	d1	d2	d3	M
HTP007-A	L	16	60~100	10.00~15.99	15.97	6.00	$0.15 \le R < \frac{W}{2}$	25	19	2.8	4.4	1.5	5
HTP007-B		20	60~100	13.00~19.99	19.97	6.00		25	23				
		25	60~100	18.00~24.99	24.97	6.00		25	28				

*Tip Length L>S 刃口長度L>S

*I : P>D-0.03→ $\epsilon=0$ If P>D-0.03 for a round punch, $D_{-0.03}^{-0.01}$ (press-in lead) is not included. 圓沖頭P>D-0.03時，不附 $D_{-0.03}^{-0.01}$ (導入部)

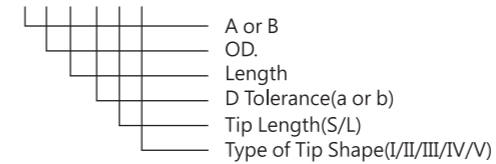
*II/III/IV/V : P·K>D-0.05→ $\epsilon=0$ If P·K>D-0.05 for a shaped punch, $D_{-0.03}^{-0.01}$ (press-in lead) is not included. 變形沖頭P·K>D-0.05時，不附 $D_{-0.03}^{-0.01}$ (導入部)

*L1 (40)→B=6 If full length is (40),tip length is 6mm in all cases. 全長為(40)時，刃口長度一律為6mm

*L1 (50)→B=13 If full length is (50),tip length is 13mm in all cases. 全長為(50)時，刃口長度一律為13mm

Order Ex. 訂購範例

HTP007-□-4-L1-□-□-□



材質
外徑
長度
柄部直徑公差(a or b)
刃口長度(S/L)
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 (shorter than standard) 變更刃口長度(比規格短) *請參考表13	Alterations to Head 頭部追加加工	TKC TKM Head thickness tolerance change 變更頭緣厚度公差
	PRC Rounding of tip side edge 刃口側端面R加工		TCC Chamfering of head 頭緣部C面加工
Alterations to Full Length 全長追加加工	LC Full length change (reduction in tip length) 變更全長(從刃口部加工) *請參考表5		RC Head thickness is machined to a tolerance of -0.04~0 relative to the retainer surface. 搭配沖頭固定座，在頭緣部做-0.04~0加工
	LCT LMT Changes to head thickness tolerance and full length are processed using a single code. 變更頭緣厚度公差與全長 *請參考表1	Alterations to Shank 柄部追加加工	SKC Single key flat on shank 柄部平面加工(1面)
	LKC Full length tolerance change 變更全長公差		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
Alterations to Head 頭部追加加工	KC WKC KFC NKC Addition key flats 止迴加工		NC The jector pin is removed. 拔除頂出銷
	HC Head diameter change 變更頭緣直徑 *請參考表1		NDC No press-in lead 無導入部
	TC Head thickness change 變更頭緣厚度 *請參考表1		

*追加加工詳細說明請參考產品概要-追加加工說明