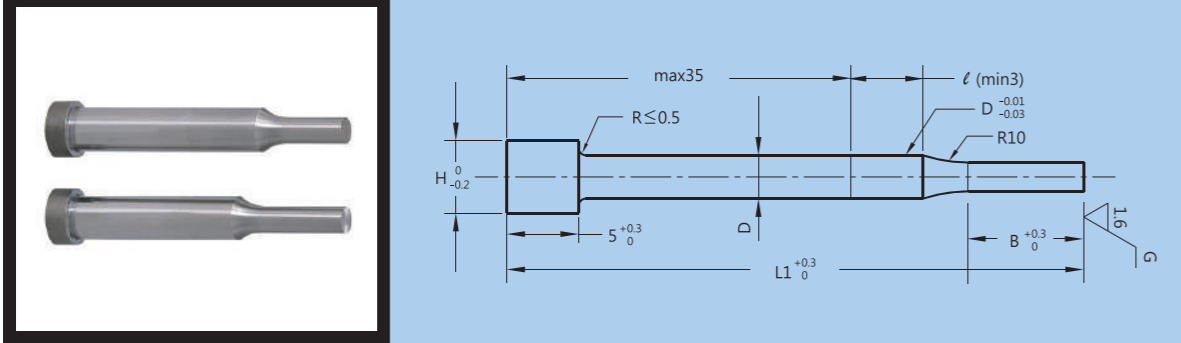


HTP002



Type 品名	Material 材質	Hardness 硬度	Surface Treatment 表面處理	Delivery 交貨日
HTP002-A	Equivalent to SKD11 SKD11同級	60~63HRC Surface表面3000HV	DICOAT	8 Working Days 8 個工作日
HTP002-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 ≥ W K = √(P²+W²)	P ≥ W 0.15 ≤ R < W/2 K = √(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
HTP002-A HTP002-B	S	3	40~80	1.00~2.99	-	-	0.15 ≤ R < W/2	8	5
		4	40~80	1.00~3.99	3.97	1.00		8	7
		5	40~80	2.00~4.99	4.97	1.20		8	8
		6	40~80	2.00~5.99	5.97	1.50		8	9
		8	(40)~100	3.00~7.99	7.97	2.00		13	11
		10	(40)~100	3.00~9.99	9.97	2.50		13	13
		13	(40)~100	6.00~12.99	12.97	3.00		13	16
		16	(40)~100	10.00~15.99	15.97	4.00		19	19
		20	(40)~100	13.00~19.99	19.97	5.00		19	23
		25	(40)~100	18.00~24.99	24.97	6.00		19	28
	L	3	50~80	1.00~2.99	-	-		13	5
		4	50~80	1.00~3.99	3.97	2.00		13	7
		5	50~80	2.00~4.99	4.97	2.00		13	8
		6	50~80	2.00~5.99	5.97	2.00		13	9
		8	50~100	3.00~7.99	7.97	2.50		19	11
	10	50~100	3.00~9.99	9.97	2.50	19	13		

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
HTP002-A HTP002-B	L	13	50~100	6.00~12.99	12.97	3.00	0.15 ≤ R < W/2	19	16
		16	60~100	10.00~15.99	15.97	4.00		25	19
		20	60~100	13.00~19.99	19.97	5.00		25	23
		25	60~100	18.00~24.99	24.97	6.00		25	28
	X	3	50~80	2.00~2.99				19	5
		4	50~80	2.00~3.99				19	7
		5	60~80	2.00~4.99				25	8
		6	60~80	2.00~5.99				25	9
		8	60~100	3.00~7.99				30	11
		10	60~100	3.00~9.99				30	13
Tip Length 刃口長度 X>L>S	13	60~100	6.00~12.99			30	16		
	16	70~100	10.00~15.99			40	19		
	20	70~100	13.00~19.99			40	23		
	25	70~100	18.00~24.99			40	28		

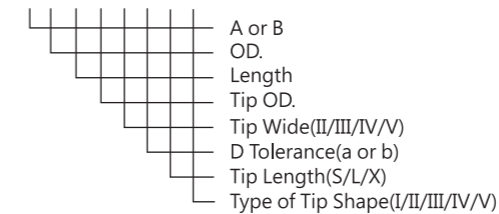
* I : P > D - 0.03 → ℓ = 0
If P > D - 0.03 for a round punch, D - 0.01 (press-in lead) is not included.
圓沖頭 P > D - 0.03 時，不附 D - 0.01 (導入部)

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

* L1 (40) → B = 8
If full length is (40), tip length is 8mm in all cases.
全長為(40)時，刃口長度一律為8mm

Order Ex. 訂購範例

HTP002-□-3-L1-P-W-□-□-□



材質及表面處理方式
外徑
長度
前端外徑
前端寬度(II/III/IV/V)
柄部直徑公差(a or b)
刃口長度(S/L/X)
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	PC WC Tip dimension change 變更刃口尺寸 *請參考表2	Alterations to Head 頭部追加加工	TC Head thickness change 變更頭緣厚度 *請參考表1
	BC Tip length change 變更刃口長度 *請參考表2		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
	LC Full length change 變更全長 *請參考表1		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
Alterations to Full Length 全長追加加工	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		UC Modification for urethane stripper (USN) installation (USN)安裝加工 *請參考表1
Alterations to Head 頭部追加加工	KC WKC KFC NKC Addition key flats 止迴加工	Alterations to Head 頭部追加加工	NDC No press-in lead 無導入部
	HC Head diameter change 變更頭緣直徑 *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