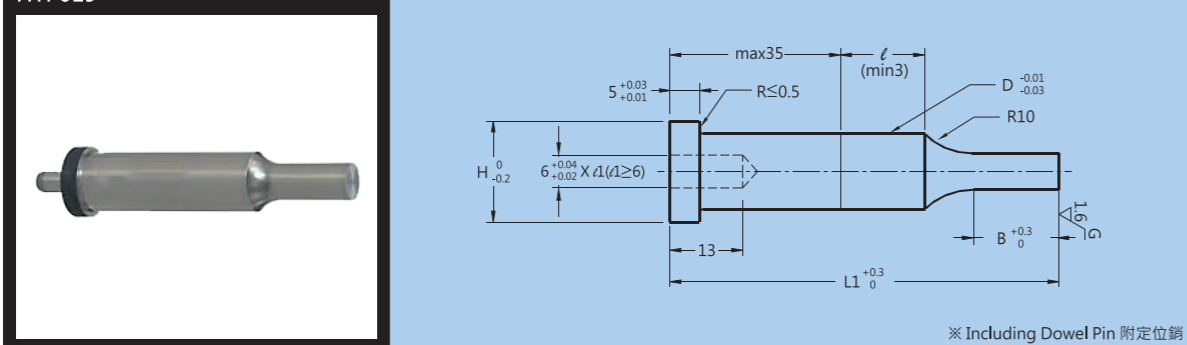


HTP019



※ Including Dowel Pin 附定位銷

Type 品名	Material 材質	Hardness 硬度	Surface Treatment 表面處理	Delivery 交貨日	D Tolerance 柄部直徑公差
HTP019	Equivalent to SKD11 SKD11同級	60~63HRC Surface表面3000HV	DICOAT	8 Working Days 8 個工作日	m5

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 < 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
HTP019	S	10	(40)~100	3.00~9.99	9.97	2.50	0.15 ≤ R < W/2	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
		32	(40)·(50)~120	20.00~31.99	31.97	7.00		19	35
		38	(40)·(50)~120	28.00~37.99	37.97	8.00		19	41
		45	(40)·(50)~120	35.00~44.99	44.97	9.00		19	48
	L	10	50~100	3.00~9.99	9.97	2.50		19	13
		13	50~100	6.00~12.99	12.97	3.00		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
		32	60~120	20.00~31.99	31.97	7.00		25	35
		38	60~120	28.00~37.99	37.97	8.00		25	41
		45	60~120	35.00~44.99	44.97	9.00		25	48
X	10	70~100	6.00~9.99	-	-	30	13		
	13	70~100	6.00~12.99	-	-	30	16		
	16	80~100	10.00~15.99	-	-	40	19		
	20	80~100	13.00~19.99	-	-	40	23		

※ u=unit

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
HTP019	X	25	80~100	18.00~24.99	-	-	-	40	28
	Tip Length 刃口長度 X>L>S	32	80~120	20.00~31.99	-	-		40	35
		38	80~120	28.00~37.99	-	-		40	41
		45	80~120	35.00~44.99	-	-		40	48

* L1 (40) : D10~25→B=8 If full length is (40) and D dimension is 10~25, tip length is 8mm in all cases. 全長為(40)時·D尺寸為10~25時·刃口長度一律為8mm
D32~45→B=6 If full length is (40) and D dimension is 32~45, tip length is 6mm in all cases. 全長為(40)時·D尺寸為32~45時·刃口長度一律為6mm

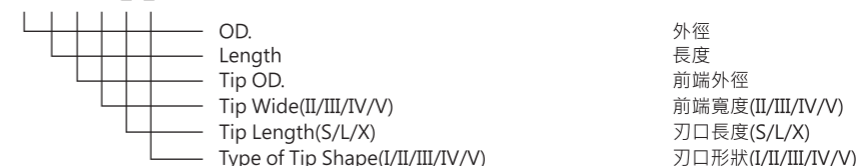
* L1 (50)→B=13 If full length is (50), tip length is 13mm in all cases. 全長為(50)時·刃口長度一律為13mm

* I : P>D-0.03→ℓ=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→ℓ=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)

Order Ex. 訂購範例

HTP019-10-L1-P-W-□-□



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10	HC Head diameter change 變更頭緣直徑 *請參考表1	
	BC Tip length change 變更刃口長度 *請參考表6	TC Head thickness change 變更頭緣厚度 *請參考表1	
	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 變更全長 *請參考表1	UC Modification for urethane stripper (USN) installation 剝料用優力膠(USN)安裝加工 *請參考表2	
	LKC Full length tolerance change 變更全長公差	TPC Dowel pin change 變更定位銷	
Alterations to Head 頭部追加加工	KC WKC KFC NKC Addition key flats 止迴加工	NDC No press-in lead 無導入部	

*追加加工詳細說明請參考產品概要-追加加工說明