DHP

DHP Hydraulic Chuck
DHP液壓刀柄

7:24錐度，均達到AT3級標準。
7:24; ≤ AT3.

–195℃深冷處理，降低變形，保持精度，
提高產品穩定性。
Cryogenic treatment (-195℃): minimise the deformation of tool holder:
Atain high accuracy and stability.

厚實的刀體能起到更好的減震功能，提升表面粗糙度。
Hydraulic system absorbs shaking of tool;
Increase surface-finish quality significantly.

刀具偏擺3D≤ 0.003mm，減少刀具損耗，
降低刀具費用,大幅度提升表面粗糙度，
重復精度佳，節省校刀時間。
Runout ≤3 μm; increase tool life; reduce tool cost;
Increase surface-finish quality significantly;
High repeat accuracy.

夾持操作簡易，約10秒內完成，
夾刀可達到0.003mm徑向精度，
僅需一衹T型扳手即可完成裝刀，
不需要昂貴復雜的周邊設備。
User-friendly - get the accuracy of 3μm within 10sec;
Assmble tool with one allen key only;
Expensive ancillary equipment is not needed.

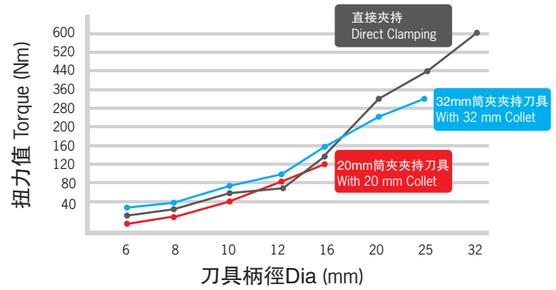
360° 且兩點夾持, 夾持穩定可靠。
360° & 2 positions clamping; high rigidity.

使用者注意事項
Notices Of The User

■夾持柄徑：被夾持刀具柄徑公差不低于h6級，若低于此標準可能導致夾緊無力而掉刀。
■夾持深度：被夾持的刀具插入夾持孔深度，必須大于安全深度“H”。
■清潔：液壓刀柄使用前需將刀柄內腔表面清洗幹净，不得有殘餘的防銹油或其他雜質附着于內孔表面。

■Tool shank tolerance: ≥ h6;
■Clamp depth: > H;
■Clean the chuck before and after use.

液壓刀柄夾持扭力測驗
Clamping Torque Test



SF/DSF

SF/DSF Shrink-Fit Holder
SF/DSF熱縮刀柄

7:24錐度，均達到AT3級標準。
7:24; ≤ AT3.

使用刀柄內部的拉緊螺釘實現後拉式鎖緊，定位精度高。
Locked with internal pull stud, Precise positioning.

通過更換延長杆可實現柄徑爲D3-D12mm的刀具夾持，
減少成本，簡單實現前期準備工作，提高效率。
A wide clamping range (D3-D12mm) is available with different exenders, which reduces production costs and increases efficiency.

采用優質熱縮特殊鋼材熱膨脹率大，夾持可靠。
With superior-quality steel with a good CTE.
(CTE:The coefficient of thermal expansion)

3°角設計，外形細長，
加工幹涉小。
3° Taper-off design minimizes interference.

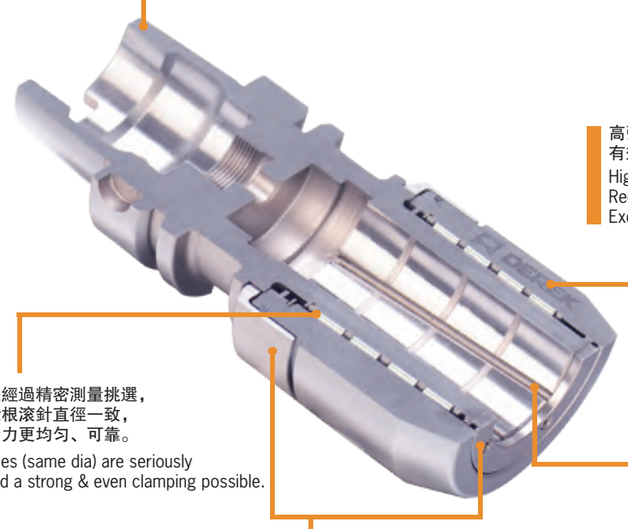
電磁誘導加熱器
Heat Machine

型號 Specification	加熱時間 Shrink time	冷却方式 Cooling	輸出電源 Voltage	瞬間輸出最大功率 Power	適用刀具材質 Tools	範圍 Range	LxWxH (mm)	重量 Weight
SF-300	20-24″	風冷 Air Cooling	SINGLE-PHASE 220V 50/60HZ 15AMP	2000~3000W	鎢鋼 Carbide	Φ3 - 20 mm 標配 Φ18 - 32 mm 選配	300x300x685	20KG

HPC

HPC High-speed Power Chuck
HPC高速强力刀柄

–195℃深冷處理，降低變形，保持精度，
提高產品穩定性。
Cryogenic treatment (-195℃): minimise the deformation of tool holder:
Atain high accuracy and stability.



高强度螺帽
有效防止振刀，適合重力切削
High strength nuts;
Reduce the shaking of cutting tool;
Excellent for heavy duty.

超硬滾針每一根都是經過精密測量挑選，
使同一刀柄內的百餘根滾針直徑一致，
超高的硬度傳遞鎖緊力更均匀、可靠。
Hardened roller needles (same dia) are seriously selected and arranged a strong & even clamping possible.

前後雙重防護罩，
防止液體，灰塵，切屑進入本體，
與轉螺帽形成的間隙間損壞表面及滾針。
Dust-proof ring and cover,
Prevent the body from liquid and dust.

內腔的防滑槽設計，使裝刀過程中的油污、
异物可擠入槽內，使夾持面貼合更緊密，
有效防止刀具滑落，同時可釋放夾持過程
中產生的內應力。
Special design of cavity & groove make the clamping firm, keep internal structure clean, and redeuce the internal stress significantly.

使用者注意事項
Notices Of The User

■請選用直徑公差等級高于h7級的刀具，

■當選用柄部直徑偏小的刀具時會導致夾不緊而產生溜刀現象。

■禁止無刀狀態下進行空夾。

■Shank tolerance: > h7;

■Suitable shank diameter is required;

■Free clamping is not allowed.

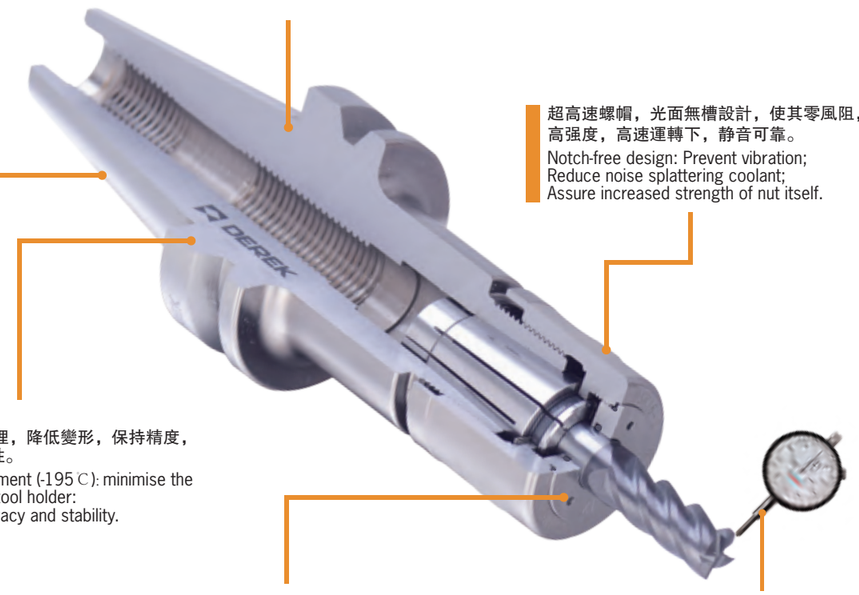
GSK

GSK High Precision Collet Chuck
GSK高速精密筒夾刀柄

7:24錐度，均達到AT3級標準。
7:24; ≤ AT3.

刀柄整體動平衡G2.5; 25,000 rpm
最高轉速可達45,000 rpm
Balanecd: G2.5; 25,000 rpm
Max: 45,000 rpm

超高速螺帽，光面無槽設計，使其零風阻，
高强度，高速運轉下，静音可靠。
Notch-free design: Prevent vibration;
Reduce noise splattering coolant;
Assure increased strength of nut itself.



–195℃深冷處理，降低變形，保持精度，
提高產品穩定性。
Cryogenic treatment (-195 ℃): minimise the deformation of tool holder:
Atain high accuracy and stability.

可選配獨有的密封蓋，中心出水或端面出水，
并帶有雙重O型密封圈。使其獲得最佳的出水效果。
Two kind of O-type seal rings available:Interal-cooling & flange cooling.

刀具偏擺3D≤ 0.005 mm，減少刀具損耗，
降低刀具費用,大幅度提升表面粗糙度，
重復精度佳，節省校刀時間。
Runout(3D) ≤5 μm; increase tool life; reduce tool cost;
Increase surface-finish quality significantly;
High repeat accuracy.

出水狀態
Cooling

端面出水
Flange Cooling

中心出水
Internal Cooling

DSK 精密彈性筒夾
DSK Precision Collet

相比普通ER刀柄具有較小的錐角，較長的夾持部位，
更能提供超强的夾持力和定心性。
Compared with ER collet, a smaller taper angle, a longer clamping length, a higher clamping strength and concentricity

TPG

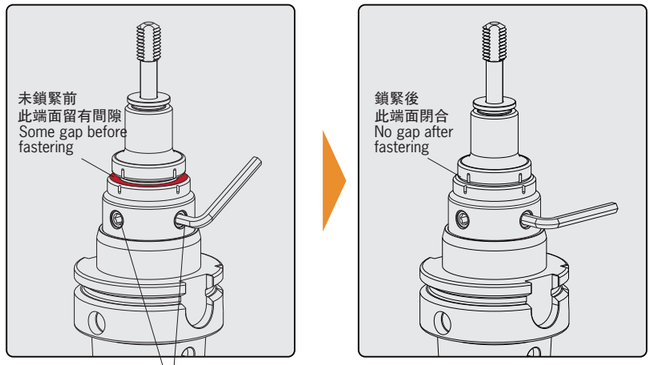
Assembling of Tapping Chuck TPG
TPG攻絲刀柄及TPE攻絲筒夾

可靠的同心度 Best Conentricity
絲錐快速更換 Quick Change
可選筒夾長度 Longer Tapping Collet
中心冷卻出水 Internal Cooling

特 點 / Feature

■適用于高精度同步數控加工。
■由主軸中心提供内冷却。
■爲達到高速攻絲的剛性設計。
■短型且緊凑的設計。
■未裝裱扭矩限制器以避免螺紋深度不足。
■冷却液壓高達5MPa。

■High precision synchro tapping;
■Internal cooling supply;
■High speed rigid tapping;
■Short and compact design;
■Torque force is fixed;
■Cooling pressure up to 5MPa.



兩顆螺釘成90度安裝，擰緊扳手的同時筒夾端面與刀柄本體緊密貼合，獲得極佳的連接剛性。
Two locking screws are designed in 90° degree.

VER

VER Synchronized Tapping Chuck
VER快換式微補償攻牙刀柄

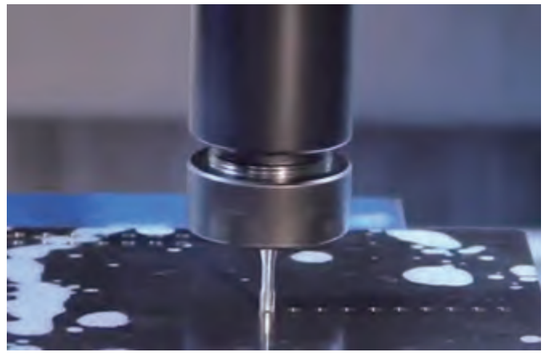
微補償 Synchro
快換式 Quick Change
中心冷卻 Internal Cooling
延長絲錐夾頭 Deeper Tapping

特 點 / Feature

■主軸的旋轉與實際絲錐進給之間有微小的同步誤差是難以避免的。使用剛性攻絲刀柄意味着任何一點微小的偏差都會大大增加絲錐所受到的力，使得絲錐壽命大大縮短。采用帶有微量補償(例如+0.2mm，–1mm)能有效地充分緩衝絲錐在正轉及反轉時受到的壓力，使絲錐的微量損傷減少到最低，從而有效延長絲錐壽命100% 以上，使螺紋精度更高。這對于脆性相對較大的硬質合金絲錐意義更大。
■獨特的快換設計，使得換刀變得非常簡單，無需從刀盤上取出整個刀柄，祇需1秒便可將快換絲錐夾頭取出，然後換上備用絲錐夾頭，或更換絲錐即可，從而減少對刀時間，有效節省換刀時間，增加加工時間。
■刀柄中心通冷却液，可以對刀具充分潤滑及排屑，最大壓力可達50bar。
■可配延長絲錐夾頭，滿足不同加工深度的要求。(填補了世面上普通微補償ER刀柄長度單一的問題）。
■攻絲能力
M3-M12 M6-M20 M14-M33.
■可匹配機床主軸
BT SK HSK

■On rigid tapping, this tapping chuck provides a minimum compensation to absorb eventual errors between feed rate and pitch of the thread. If the alignment is not perfect, then the tap wears out easily, because the tap touches the flanks fo the hole because of a slight radial play. With this tapping chuck, the radial play is eliminated, which will increase the tool life of taps drastically.
■Special design for the quick change of the tap and the tapping chuck;
■Possible coolant flow up to 50 bar.
■Longer-size tapping collets applicable to different tapping depths;
■Tapping capacity: M3 – M12; M6 – M20; M14 – M33.
■With spindle standards: BT (JIS B6339); SK (DIN69871); HSK (DIN69893).

VER
VER Synchronized Tapping Chuck
VER快換式微補償攻牙刀柄



普通ER刀柄剛性攻螺紋

轉速/n:350rew/min
進給/F:317.5mm/min

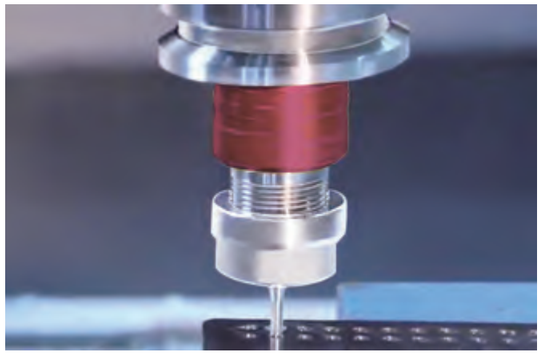
特 點 / Feature

效率較低。

Other ER Tapping Chuck
普通ER刀柄攻螺紋加工效果

特 點 / Feature

螺牙隆起不足表面不整齊，
影響螺紋連接强度。
Poor threading surface and strength.



德克微補償刀柄攻螺紋

轉速/n:750rew/min
進給F:680.375mm/min

特 點 / Feature

效率提高2–4倍。

DEREK VER Tapping Chuck
德克VER微補償刀柄攻螺紋加工效果

特 點 / Feature

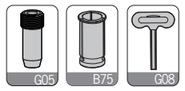
螺牙牙型整齊完整，
表面質量平整光滑，
連接强度高。
Full thread profile, smooth surface
and high strength.

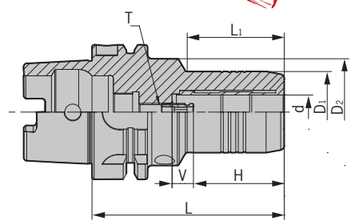
DHP

HSK-A-DHP Hydraulic Chuck
HSK-A-DHP 液壓刀柄

NEW

MAX 30,000 min⁻¹





型號 Specification		d	D1	D2	H	V	L1	L	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
HSK40A-	DHP6-70	6	28	34	27.5	10	28	70	M5X0.8	-	T04	0.55
	DHP8-70	8	30	34	27.5	10	28	70	M6X1.0	-	T04	0.56
	DHP10-75	10	32	34	32.5	10	34	75	M6X1.0	-	T04	0.61
	DHP12-85	12	34	34	37.5	10	-	85	M6X1.0	D12/OD12	T04	0.68
HSK50A-	DHP6-70	6	28	40	27.5	10	28	70	M5X0.8	-	T04	0.74
	DHP8-70	8	30	40	27.5	10	28	70	M5X0.8	-	T04	0.75
	DHP10-75	10	32	40	32.5	10	34	75	M5X0.8	-	T04	0.82
	DHP12-85	12	34	40	37.5	10	44	85	M8X1.0	D12/OD12	T04	0.87
	DHP14-85	14	36	40	37.5	10	44	85	M8X1.0	-	T04	0.90
	DHP16-90	16	38	60	42.5	10	30	90	M8X1.0	-	T04	0.94
	DHP18-90	18	41	-	42.5	10	-	90	M8X1.0	-	T04	0.96
	DHP20-90	20	42	-	42.5	10	-	90	M8X1.0	D20/OD20	T04	0.99
HSK63A-	DHP6-70	6	28	50	27.5	10	24	70	M5X0.8	–	T04	1.01
	DHP8-70	8	30	50	27.5	10	24	70	M6X1.0	-	T04	1.02
	DHP10-75	10	32	50	32.5	10	35	75	M8X1.0	-	T04	1.08
	DHP12-85	12	34	50	37.5	10	40	85	M8X1.0	D12/OD12	T04	1.13
	DHP14-85	14	36	50	37.5	10	40	85	M8X1.0	-	T04	1.17
	DHP16-90	16	38	50	42.5	10	46	90	M8X1.0	-	T04	1.21
	DHP18-90	18	41	50	42.5	10	47	90	M8X1.0	-	T04	1.22
	DHP20-90	20	43	50	42.5	10	48	90	M8X1.0	D20/OD20	T04	1.25
	DHP25-120	25	57	63	51	10	59	120	M16X1.0	-	T05	2.17
	DHP32-125	32	63	75	55	10	63	125	M16X1.0	D32/OD32	T05	2.54
HSK100A-	DHP6-75	6	28	54	27.5	10	26	75	M5X0.8	-	T04	2.40
	DHP8-75	8	30	54	27.5	10	26	75	M6X1.0	-	T04	2.41
	DHP10-90	10	32	50	32.5	10	42	90	M8X1.0	-	T04	2.48
	DHP12-95	12	34	50	37.5	10	47	95	M8X1.0	D12/OD12	T04	2.53
	DHP14-95	14	36	50	37.5	10	47	95	M8X1.0	-	T04	2.58
	DHP16-100	16	38	50	42.5	10	53	100	M8X1.0	-	T04	2.61
	DHP18-100	18	41	50	42.5	10	53	100	M8X1.0	-	T04	2.66
	DHP20-105	20	43	50	42.5	10	59	105	M8X1.0	D20/OD20	T04	2.75
	DHP25-120	25	57	63	51	10	62	120	M8X1.0	-	T05	3.39
	DHP32-125	32	63	75	55	10	62	125	M8X1.0	D32/OD32	T05	3.66

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特點 / Feature

■DHP刀具系列用途高轉速、高精密切削加工，切削效果佳。
■動平衡設定: G2.5；20,000 rpm。
■3D處徑向跳動0.003 mm。

■For high-speed and high precision cutting;
■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.003 mm.

DHP

HSK-A-DHP Hydraulic Chuck
HSK-A-DHP 液壓刀柄（加長款）

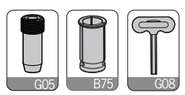
NEW

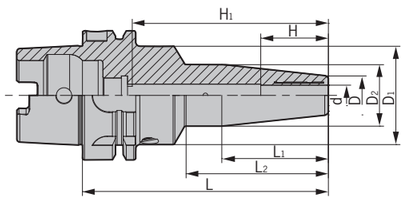
型號 Specification		d	D1	D2	H	V	L1	L	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
HSK63A-	DHP6-150	6	28	50	27.5	10	103	150	M5X0.8	-	T04	1.3
	DHP6-200	6	28	50	27.5	10	103	200	M5X0.8	-	T04	1.65
	DHP8-150	8	30	50	27.5	10	104	150	M6X1.0	-	T04	1.44
	DHP8-200	8	30	50	27.5	10	104	200	M6X1.0	-	T04	1.74
	DHP10-150	10	32	50	32.5	10	104	150	M6X1.0	-	T04	1.51
	DHP10-200	10	32	50	32.5	10	104	200	M6X1.0	-	T04	1.9
	DHP12-150	12	34	50	37.5	10	105	150	M6X1.0	D12/OD12	T04	1.58
	DHP12-200	12	34	50	37.5	10	105	200	M6X1.0	D12/OD12	T04	1.92
	DHP14-150	14	36	50	37.5	10	105	150	M6X1.0	-	T04	2.11
	DHP14-200	14	36	50	37.5	10	105	200	M6X1.0	-	T04	2.52
	DHP16-150	16	38	50	42.5	10	106	150	M8X1.0	-	T04	1.71
	DHP16-200	16	38	50	42.5	10	106	200	M8X1.0	-	T04	2.46
	DHP18-150	18	41	50	42.5	10	107	150	M8X1.0	-	T04	1.83
	DHP18-200	18	41	50	42.5	10	107	200	M8X1.0	-	T04	2.55
	DHP20-150	20	43	50	42.5	10	108	150	M8X1.0	D20/OD20	T04	1.91
	DHP20-200	20	43	50	42.5	10	108	200	M8X1.0	D20/OD20	T04	2.67

HSK-A-DHP Super Slim Hydraulic Chuck
HSK-A-DHP 超細長液壓刀柄

NEW

MAX 30,000 min⁻¹





型號 Specification		d	D	D1	D2	L1	L2	L	H	H1	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
HSK63A-	DHP6S-120	6	14	48	26	57	70	120	25	98	M5X0.8	-	T04	1.10
	DHP6S-150	6	14	48	26	57	85	150	25	128	M5X0.8	-	T04	1.30
	DHP8S-120	8	17	48	28	52	70	120	31	95	M6X1	-	T04	1.20
	DHP8S-150	8	17	48	28	52	85	150	31	125	M6X1	-	T04	1.30
	DHP10S-120	10	19	48	30	52	70	120	33	94	M6X1	-	T04	1.20
	DHP10S-150	10	19	48	30	52	87	150	33	124	M6X1	-	T04	1.40
	DHP12S-120	12	21	48	32	52	70	120	36	93	M6X1	D12/OD12	T04	1.20
	DHP12S-150	12	21	48	32	52	87	150	36	123	M6X1	D12/OD12	T04	1.40

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特點 / Feature

■DHP刀具系列用途高轉速、高精密切削加工，切削效果佳。
■動平衡設定: G2.5; 20,000 rpm。
■3D處徑向跳動0.003 mm。
■外觀細長設計，加工不易幹涉。

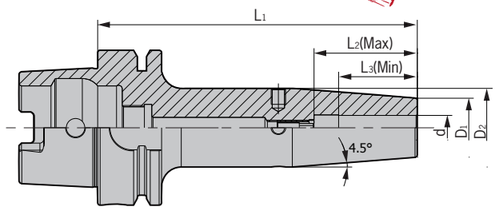
■For high-speed and high precision cutting;
■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.003 mm;
■No interference due to slim design.

SF

HSK-A-SF Shrink Fit Holder
HSK-A-SF燒結式熱裝刀柄（一體式）

MAX 50,000 min⁻¹

NEW



型號 Specification		d	D1	D2	L1	L2 (Max)	L3 (Min)	重量 Weight
HSK63A-	SF3-80	3	10	10	80	-	9	0.50
	SF4-80	4	10	10	80	-	12	0.60
	SF5-80	5	10	10	80	-	15	0.70
	SF6-80	6	21	27	80	28	18	0.80
	SF6-130	6	21	27	130	28	18	1.00
	SF6-160	6	21	27	160	28	18	1.20
	SF8-80	8	21	27	80	34	24	0.80
	SF8-130	8	21	27	130	34	24	1.02
	SF8-160	8	21	27	160	34	24	1.25
	SF10-85	10	24	32	85	40	30	0.90
	SF10-130	10	24	32	130	40	30	1.17
	SF10-160	10	24	32	160	40	30	1.45
	SF12-90	12	24	32	90	40	30	0.92
	SF12-130	12	24	32	130	40	30	1.15
	SF12-160	12	24	32	160	40	30	1.55
	SF14-90	14	27	34	90	42	32	0.95
	SF14-130	14	27	34	130	42	32	1.18
	SF14-160	14	27	34	160	42	32	1.60
	SF16-95	16	27	34	95	42	32	1.00
	SF16-130	16	27	34	130	42	32	1.21
	SF16-160	16	27	34	160	42	32	1.65
	SF18-95	18	33	42	95	50	40	1.05
	SF18-130	18	33	42	130	50	40	1.25
	SF18-160	18	33	42	160	50	40	1.70
	SF20-100	20	33	42	100	50	40	1.20
	SF20-130	20	33	42	130	50	40	1.49
	SF20-160	20	33	42	160	50	40	1.80
	SF25-115	25	44	53	115	55	45	1.98
	SF25-160	25	44	53	160	55	45	2.10
	SF32-120	32	44	53	120	60	50	2.10
	SF32-160	32	44	53	160	60	50	2.60

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SF

HSK-A-SF Shrink Fit Holder
HSK-A-SF燒結式熱裝刀柄（一體式）

型號 Specification		d	D1	D2	L1	L2 (Max)	L3 (Min)	重量 Weight
HSK100A-	SF6-85	6	21	27	85	28	18	2.00
	SF6-130	6	21	27	130	28	18	2.30
	SF6-160	6	21	27	160	28	18	2.62
	SF8-85	8	21	27	85	34	24	2.00
	SF8-130	8	21	27	130	34	24	2.30
	SF8-160	8	21	27	160	34	24	2.65
	SF10-90	10	24	32	90	40	30	2.20
	SF10-130	10	24	32	130	40	30	2.40
	SF10-160	10	24	32	160	40	30	2.70
	SF12-95	12	24	32	95	40	30	2.30
	SF12-130	12	24	32	130	40	30	2.50
	SF12-160	12	24	32	160	40	30	2.75
	SF14-95	14	27	34	95	42	32	2.35
	SF14-130	14	27	34	130	42	32	2.60
	SF14-160	14	27	34	160	42	32	2.85
	SF16-100	16	27	34	100	42	32	2.50
	SF16-130	16	27	34	130	42	32	2.80
	SF16-160	16	27	34	160	42	32	3.13
	SF18-100	18	33	42	100	50	40	2.55
	SF18-130	18	33	42	130	50	40	2.85
	SF18-160	18	33	42	160	50	40	3.21
	SF20-105	20	33	42	105	50	40	2.60
	SF20-130	20	33	42	130	50	40	2.90
	SF20-160	20	33	42	160	50	40	3.25
	SF25-115	25	44	53	115	55	45	2.80
	SF25-160	25	44	53	160	55	45	3.40
	SF32-120	32	44	53	120	60	50	3.20
	SF32-160	32	44	53	160	60	50	3.60

特 點 / Feature

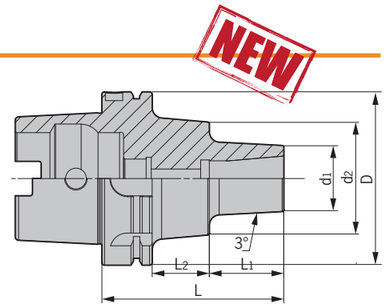
■動平衡設定: G2.5; 25,000 rpm。
■3D處徑向跳動0.003 mm。

■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.003 mm.

DSF/DC

HSK-A-DSF Shrink Fit Holder
HSK-A-DSF燒結式熱裝刀柄（分體式）

MAX 50,000 min⁻¹



型號 Specification		D	d1	d2	L1	L2	L	L型扳手 Wrench	重量 Weight
HSK50A-	DSF12-100	50	38	-	74	-	100	L06	0.80
HSK63A-	DSF12-100	63	38	-	74	-	100	L06	1.00
	DSF12-135	63	38	-	109	-	135	L06	1.70
HSK100A-	DSF12-105	100	38	65	43	33	105	L06	3.40

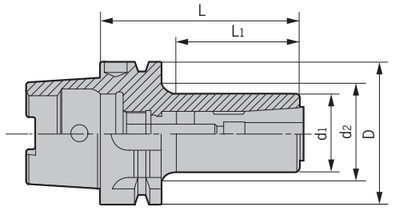
注：報價時含扳手。
Notice:Wrench is included.

特點 / Feature

■動平衡設定: G2.5; 25,000 rpm。
■3D處徑向跳動0.003 mm。
■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.003 mm.

HSK-A-DC Precision Slim Collet Chuck
HSK-A-DC小徑精密夾頭本體

MAX 50,000 min⁻¹



型號 Specification		D	d1	d2	L1	L	適用筒夾 Suit collet	拉緊螺釘 Tension screw	止動螺母 Stop screw	T型扳手 Wrench	重量 Weight
HSK50A-	DC6-75	50	14	22.5	34	75	DC6	E050U250	ZD6-4	T04	0.67
	DC6-100	50	14	29	48	100	DC6	E050U500	ZD6-4	T04	0.70
HSK63A-	DC6-75	63	14	22.5	34	75	DC6	E050U200	ZD6-5	T04	0.80
	DC6-95	63	14	29	45	95	DC6	E050U400	ZD6-5	T04	0.90
	DC6-120	63	14	37	53	120	DC6	E050U650	ZD6-5	T04	1.10
	DC6-150	63	14	40	80	150	DC6	E050U950	ZD6-5	T04	1.20
	DC8-100	63	22	37	48	100	DC8	E060U400	ZD8-2	T05	1.10
	DC10-110	63	28	45	55	110	DC10	E080U300	ZD10-2	T06	1.20
	DC12-120	63	34	51.5	65	120	DC12	E100U350	ZD12-1	T08	1.30

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

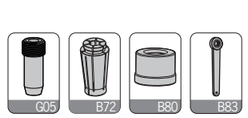
特點 / Feature

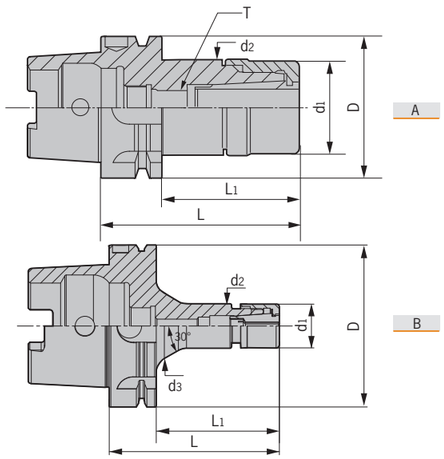
■動平衡設定: G2.5；30,000 rpm。
■3D處徑向跳動0.003 mm。
■Balanced: G2.5; 30,000 rpm;
■Runout (X3D): < 0.003 mm.

GSK

HSK-A-GSK High-speed Collet Chuck
HSK-A-GSK高速精密筒夾本體

MAX 45,000 min⁻¹





型號 Specification		圖示 Figure	D	d1	d2	d3	a	L	L1	T	適用筒夾 Suit collet	重量 Weight
HSK40A-	GSK6-60	A	40	19.5	20	-	-	60	40	-	DSK6	0.47
	GSK10-75	A	40	27	27.5	-	-	75	55	-	DSK10	0.50
HSK50A-	GSK6-60	A	50	19.5	20	-	-	60	34	-	DSK6	0.60
	GSK6-80P	A	50	19.5	20	-	-	80	54	M6x1	DSK6	0.80
	GSK10-75	A	50	27	27.5	-	-	75	49	-	DSK10	1.00
	GSK10-100P	A	50	27	27.5	-	-	100	74	M10x1.5	DSK10	1.20
	GSK16-80	A	50	40	40.5	-	-	80	54	-	DSK16	1.75
	GSK16-100P	A	50	40	40.5	-	-	100	74	M16x2	DSK16	2.00
	GSK20-100	A	50	48	48.5	-	-	100	74	-	DSK20	2.10
HSK63A-	GSK6-80P	A	63	19.5	20	-	-	80	54	M6x1	DSK6	0.85
	GSK6-100P	A	63	19.5	20	-	-	100	74	M6x1	DSK6	0.95
	GSK10-75	A	63	27	27.5	-	-	75	49	-	DSK10	1.00
	GSK10-100P	A	63	27	27.5	-	-	100	74	M10x1.5	DSK10	1.40
	GSK16-80	A	63	40	40.5	-	-	80	54	-	DSK16	2.00
	GSK16-100P	A	63	40	40.5	-	-	100	74	M16x2	DSK16	2.30
	GSK16-120P	A	63	40	40.5	-	-	120	94	M16x2	DSK16	2.50
	GSK20-100	A	63	48	48.5	-	-	100	74	-	DSK20	2.45
	GSK20-120P	A	63	48	48.5	-	-	120	94	M16x2	DSK20	2.65
	GSK25-100	A	63	55	55	-	-	100	74	-	DSK25	2.30
	GSK25-120P	A	63	55	55	-	-	120	94	M20x2	DSK25	2.70
HSK100A-	GSK10-105P	B	100	27	27.5	40.3	30°	105	76	M10x1.5	DSK10	2.60
	GSK10-135P	B	100	27	27.5	40.3	30°	135	106	M10x1.5	DSK10	2.80
	GSK16-105P	A	100	40	40.5	-	-	105	76	M16x2	DSK16	2.80
	GSK16-135P	A	100	40	40.5	-	-	135	106	M16x2	DSK16	3.10
	GSK20-120P	A	100	48	48.5	-	-	120	91	M16x2	DSK20	3.00
	GSK20-150P	A	100	48	48.5	-	-	150	121	M16x2	DSK20	3.30
	GSK25-120P	A	100	55	55	-	-	120	91	M20x2	DSK25	3.20
	GSK25-150P	A	100	55	55	-	-	150	121	M20x2	DSK25	3.50

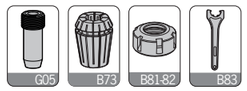
注：筒夾與扳手需單獨另購，可選配中心出水螺帽與端面出水螺帽詳見B73頁。
Notice: Collets and wrenchs shall be ordered separately.

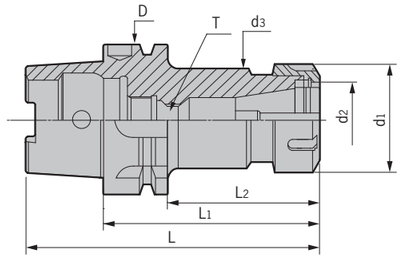
特點 / Feature

■動平衡設定: G2.5；25,000 rpm。
■3D處徑向跳動0.005 mm。
■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.005 mm.

ER

HSK-A-ER Spring Collet Chuck
HSK-A-ER彈性筒夾本體





型號 Specification		D	d_1	d_2	L_1	L_2	L	T	重量 Weight
HSK40A-	ER20-80	40	34	20	80	60	100	-	0.55
	ER25-80	40	42	25	80	60	100	-	0.65
	ER32-100	40	50	32	100	80	120	M10X1.5P	0.90
HSK50A-	ER16-75	50	28	16	75	34	85	-	0.50
	ER16-100	50	28	16	100	74	125	M10X1.5P	0.60
	ER20-75	50	34	20	75	44	95	-	0.70
	ER20-100	50	34	20	100	74	125	M12X1.75P	0.90
	ER25-80	50	42	25	80	44	95	M16X2.0P	1.00
	ER25-100	50	42	25	100	74	125	-	1.10
	ER25-135	50	42	25	135	109	160	M16X2.0P	1.40
	ER32-100	50	50	32	100	74	125	-	1.45
	ER32-135	50	50	32	135	109	160	M16X2.0P	1.90
	ER32-160	50	50	32	160	134	185	M16X2.0P	2.40
HSK63A-	ER16-75	63	28	16	75	49	107	-	1.00
	ER16-100	63	28	16	100	74	132	M10X1.5P	1.10
	ER16-120	63	28	16	120	94	152	M10X1.5P	1.20
	ER16-160	63	28	16	160	134	192	M10X1.5P	1.40
	ER20-80	63	34	20	80	49	107	-	1.00
	ER20-100	63	34	20	100	74	132	M12X1.75P	1.20
	ER20-120	63	34	20	120	94	152	M12X1.75P	1.30
	ER20-160	63	34	20	160	134	192	M12X1.75P	1.70
	ER25-80	63	42	25	80	49	107	-	1.10
	ER25-100	63	42	25	100	74	132	M16X2.0P	1.40
	ER25-120	63	42	25	120	94	152	M16X2.0P	1.80
	ER25-150	63	42	25	150	124	182	M16X2.0P	2.00
	ER32-100	63	50	32	100	74	132	-	1.60
	ER32-125	63	50	32	125	99	157	M16X2.0P	2.00
	ER32-160	63	50	32	160	134	192	M16X2.0P	2.50
	ER40-100	63	63	40	100	74	132	-	2.40
	ER40-120	63	63	40	120	94	152	M20X2.0P	2.60
	ER40-160	63	63	40	160	134	192	M20X2.0P	2.95
HSK100A-	ER16-100	100	28	16	100	71	150	M10X1.5P	3.40
	ER16-160	100	28	16	160	131	210	M10X1.5P	3.70
	ER20-100	100	34	20	100	71	150	M12X1.75P	3.50
	ER20-160	100	34	20	160	131	210	M12X1.75P	3.90
	ER25-100	100	42	25	100	71	150	M16X2.0P	3.70
	ER25-160	100	42	25	160	131	210	M16X2.0P	4.20
	ER25-200	100	42	25	200	171	250	M16X2.0P	4.70
	ER32-100	100	50	32	100	71	150	-	3.90
	ER32-160	100	50	32	160	131	210	M16X2.0P	4.70
	ER32-200	100	50	32	200	171	250	M16X2.0P	5.20

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ER/VER

HSK-A-ER Spring Collet Chuck
HSK-A-ER彈性筒夾本體

型號 Specification		D	d_1	d_2	L_1	L_2	L	T	重量 Weight
HSK100A-	ER40-100	100	63	40	100	71	150	M20X2.0P	4.30
	ER40-160	100	63	40	160	131	210	M20X2.0P	5.00
	ER40-200	100	63	40	200	171	250	M20X2.0P	5.60

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

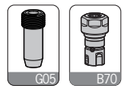
特點 / Feature

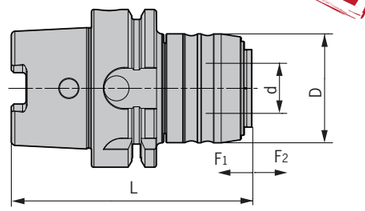
■動平衡設定: G6.3； 15,000 rpm。
■3D處徑向跳動0.02 mm。

■Balanced: G6.3; 15,000 rpm;
■Runout (X3D): < 0.02 mm.

HSK-A-VER Tapping Chuck
HSK-A-VER快換式微補償攻牙刀柄

NEW





型號 Specification		D	d	L	F_1	F_2	攻牙能力 Tapping capacity	適用延長杆 Suit extender	重量 Weight
HSK40A-	VER16-69	43.5	20	69	0.2	1	M3-M12	VER16-M24	0.54
	VER20-80	52	25	80	0.2	1	M5-M16	VER20-M26	0.59
	VER25-90	60	32	90	0.2	1	M6-M20	VER25-M28	0.65
HSK50A-	VER16-70	43.5	20	70	0.2	1	M3-M12	VER16-M24	0.66
	VER20-87	52	25	87	0.2	1	M5-M16	VER20-M26	0.80
	VER25-97	60	32	97	0.2	1	M6-M20	VER25-M28	0.96
HSK63A-	VER16-64	43.5	20	64	0.2	1	M3-M12	VER16-M24	0.88
	VER20-87	52	25	87	0.2	1	M5-M16	VER20-M26	1.06
	VER25-97	60	32	97	0.2	1	M6-M20	VER25-M28	1.21
	VER32-113	72	40	113	0.2	1	M10-M24	VER32-M30	1.61
	VER40-122	87	50	122	0.2	1	M14-M33	VER40-M32	1.85
HSK100A-	VER16-70	43.5	20	70	0.2	1	M3-M12	VER16-M24	3.21
	VER20-82	52	25	82	0.2	1	M5-M16	VER20-M26	3.58
	VER25-91	60	32	91	0.2	1	M6-M20	VER25-M28	3.95
	VER32-110	72	40	110	0.2	1	M10-M24	VER32-M30	4.25
	VER40-115	87	50	115	0.2	1	M14-M33	VER40-M32	4.45

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

特點 / Feature

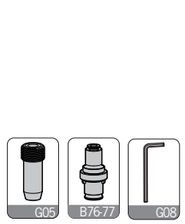
■顯著提高絲錐使用壽命80%以上。
■有效提高加工生產效率2-4倍。
■明顯提高表面加工質量與精度。
■選用ER攻絲專用筒夾夾持。
■無需依賴設備精度。
■擠壓絲錐首選。

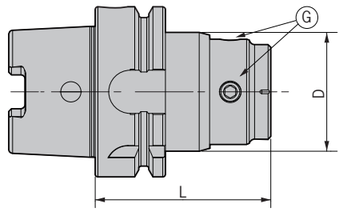
■Tap tool life increased by 80% and above;
■Work efficiency increased 2 to 4 times;
■Better surface quality;
■With ER tapping collet;
■Best choice for squeeze taps.

TPG

HSK-A-TPG Rigid Tapping Chuck
HSK-A-TPG剛性攻牙刀柄

NEW





型號 Specification		D	L	G	適用筒夾 Suit collet		攻牙能力 Tapping capacity	重量 Weight
HSK63A-	TPG312	44	65	M8X1P	TPE312	L06	M3-M12	0.89
	TPG1022	56	94	M10X1P	TPE1024		M10-M24	1.54
HSK100A-	TPG312	44	70	M8X1P	TPE312	L06	M3-M12	2.31
	TPG1022	56	80	M10X1P	TPE1024		M10-M24	2.48

注：筒夾需單獨訂購。
Notice: Collets shall be ordered separately.

特 點 / Feature

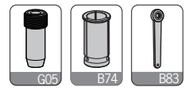
■適用于高精度同步數控加工。
■由主軸中心提供內冷却。
■爲達到高速攻絲的剛性設計。
■短型且緊凑的設計。

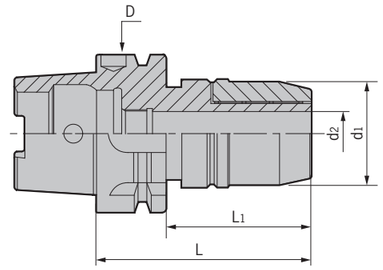
■For high precision tapping;
■With internal coolant hole;
■Design for high speed and rigid tapping;
■Short and compact design.

HPM/HPC

HSK-A-HPM High Speed Milling Chuck
HSK-A-HPM高速精密强力銑刀夾頭

MAX 30,000 min⁻¹





型號 Specification		夾持範圍 Clamping range	D	d1	d2	L1	L	適用筒夾 Suit collet	重量 Weight
HSK50A-	HPM16-80	3-16	50	46	16	54	80	SC16	1.00
HSK63A-	HPM16-80	3-16	63	46	16	54	80	SC16	1.30
	HPM16-100	3-16	63	46	16	74	100	SC16	1.50
	HPM20-110	6-20	63	55	20	59	110	SC20	1.70
	HPM32-110	6-32	63	68	32	89	110	SC32	2.50
HSK100A-	HPM16-115	3-16	100	46	16	86	115	SC16	3.60
	HPM20-105	6-20	100	55	20	86	105	SC20	4.20
	HPM32-105	6-32	100	68	32	86	105	SC32	4.50
	HPM32-135	6-32	100	68	32	86	135	SC32	5.00

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

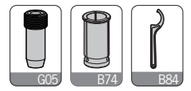
特 點 / Feature

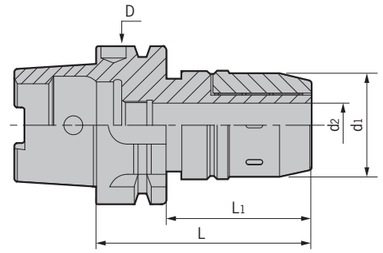
■動平衡設定: G2.5；20,000 rpm。
■3D處徑向跳動0.02 mm。

■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.02 mm.

HSK-A-HPC High Speed Milling Chuck
HSK-A-HPC高速精密强力銑刀夾頭

MAX 30,000 min⁻¹





型號 Specification		夾持範圍 Clamping range	D	d1	d2	L1	L	適用筒夾 Suit collet	重量 Weight
HSK63A-	HPC20-110	6-20	63	51.5	20	84	110	SC20	1.60
	HPC32-110	6-32	63	70.5	32	84	110	SC32	2.20
HSK100A-	HPC20-105	6-20	100	51.5	20	79	105	SC20	4.10
	HPC32-105	6-32	100	70.5	32	79	105	SC32	4.90
	HPC32-135	6-32	100	70.5	32	109	135	SC32	5.80
	HPC42-115	6-32	100	86	42	89	115	SC42	5.50

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet is to be ordered separately.

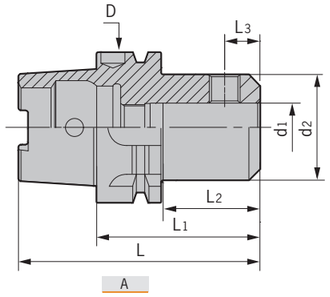
特 點 / Feature

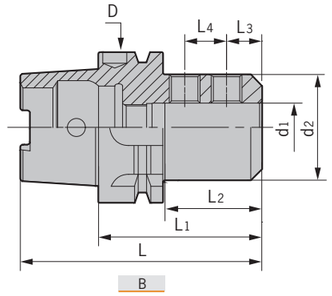
■動平衡設定: G6.3；15,000 rpm。
■3D處徑向跳動0.02 mm。

■Balanced: G6.3; 15,000 rpm;
■Runout (X3D): < 0.02 mm.

SLN

HSK-A-SLN Side-lock Holder
HSK-A-SLN側固式刀柄



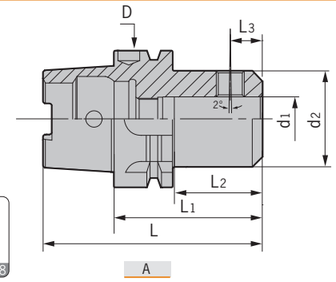


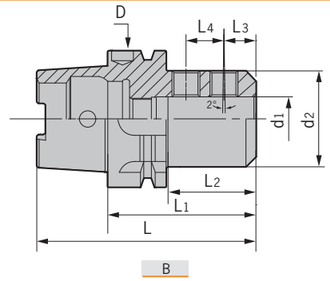
型號 Specification		圖示 Figure	D	d_1	d_2	L_1	L_2	L_3	L_4	L	側面壓緊螺釘 Side-lock screw	重量 Weight
HSK50A-	SLN6-65	A	50	6	25	65	39	18	-	90	M060U080	0.70
	SLN8-65	A	50	8	28	65	39	18	-	90	M080U080	0.80
	SLN10-65	A	50	10	35	65	39	20	-	90	M100U120	0.80
	SLN12-80	A	50	12	42	80	54	22.5	-	105	M120U140	1.20
	SLN16-80	A	50	16	48	80	54	24	-	105	M140U160	1.30
	SLN20-80	A	50	20	52	80	54	25	-	105	M160U250	1.50
HSK63A-	SLN6-65	A	63	6	25	65	39	18	-	97	M060U080	0.90
	SLN6-100	A	63	6	25	100	74	18	-	132	M060U080	1.30
	SLN8-65	A	63	8	28	65	39	18	-	97	M080U100	1.00
	SLN8-100	A	63	8	28	100	74	18	-	132	M080U100	1.40
	SLN10-65	A	63	10	35	65	39	20	-	97	M100U120	1.00
	SLN10-100	A	63	10	35	100	74	20	-	132	M100U120	1.50
	SLN12-80	A	63	12	42	80	54	22.5	-	112	M120U140	1.70
	SLN12-120	A	63	12	42	120	94	22.5	-	152	M120U140	2.00
	SLN16-80	A	63	16	48	80	54	24	-	112	M140U160	1.70
	SLN16-120	A	63	16	48	120	94	24	-	152	M140U160	2.10
	SLN20-80	A	63	20	52	80	54	25	-	112	M160U160	1.80
	SLN20-120	A	63	20	52	120	94	25	-	152	M160U160	2.40
	SLN25-110	B	63	25	65	110	84	24	25	142	M180Z160P	2.50
	SLN25-160	B	63	25	65	160	134	24	25	192	M180Z160P	2.65
	SLN32-110	B	63	32	72	110	84	24	28	142	M200Z200P	2.70
	SLN32-160	B	63	32	72	160	134	24	28	192	M200Z200P	3.00
HSK100A-	SLN6-80	A	100	6	25	80	51	18	-	130	M060U080	3.00
	SLN6-130	A	100	6	25	130	131	18	-	180	M060U080	3.20
	SLN8-80	A	100	8	25	80	51	18	-	130	M080U100	3.20
	SLN8-130	A	100	8	25	130	131	18	-	180	M080U100	3.40
	SLN10-80	A	100	10	35	80	51	20	-	130	M100U120	3.40
	SLN10-130	A	100	10	35	130	131	20	-	180	M100U120	3.70
	SLN12-80	A	100	12	42	80	51	22.5	-	130	M120U140	3.40
	SLN12-130	A	100	12	42	130	131	22.5	-	180	M120U140	3.70
	SLN16-100	A	100	16	48	100	71	24	-	150	M140U160	3.80
	SLN16-160	A	100	16	48	160	71	24	-	210	M140U160	4.10
	SLN20-100	A	100	20	52	100	71	25	-	150	M180Z160P	3.90
	SLN20-160	A	100	20	52	160	71	25	-	210	M180Z160P	3.80
	SLN25-100	B	100	25	65	100	71	24	25	150	M200Z200P	4.00
	SLN25-160	B	100	25	65	160	71	24	25	210	M200Z200P	4.40
	SLN32-100	B	100	32	72	100	71	24	28	150	M200Z200P	4.10
	SLN32-160	B	100	32	72	160	71	24	28	210	M200Z200P	4.50

注：扳手需單獨訂購。
Notice: Wrenchs shall be ordered separately.

SLNB/MTA

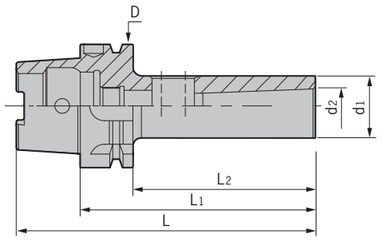
HSK-A-SLNB Side-lock Holder
HSK-A-SLNB側固式刀柄





型號 Specification		圖示 Figure	D	d_1	d_2	L_1	L_2	L_3	L_4	L	側面壓緊螺釘 Side-lock screw	重量 Weight
HSK63A-	SLNB6-80	A	63	6	25	80	54	18	-	112	M060U080	0.90
	SLNB8-80	A	63	8	28	80	54	18	-	112	M080U080	1.00
	SLNB10-80	A	63	10	35	80	54	20	-	112	M100U120	1.00
	SLNB12-90	A	63	12	42	90	64	22.5	-	122	M120U140	1.70
	SLNB16-100	A	63	16	48	100	74	24	-	132	M140U160	1.70
	SLNB20-100	A	63	20	52	100	74	25	-	132	M160U250	1.80
	SLNB25-110	B	63	25	65	110	84	24	22	142	M180Z160P	2.50
	SLNB32-110	B	63	32	72	110	84	24	24	142	M200Z200P	2.70
HSK100A-	SLNB6-90	A	100	6	25	90	61	18	-	140	M060U080	3.00
	SLNB8-90	A	100	8	28	90	61	18	-	140	M080U080	3.20
	SLNB10-90	A	100	10	35	90	61	20	-	150	M100U120	3.40
	SLNB12-100	A	100	12	42	100	71	22.5	-	150	M120U140	3.40
	SLNB16-100	A	100	16	48	100	71	24	-	150	M140U160	3.80
	SLNB20-110	A	100	20	52	110	81	25	-	160	M160U250	3.90
	SLNB25-120	B	100	25	65	120	91	24	22	170	M180Z160P	4.00
	SLNB32-120	B	100	32	72	120	91	24	24	170	M200Z200P	4.10

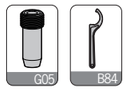
HSK-A-MTA Morse Taper Adapter
HSK-A-MTA莫式錐套刀柄（鑽頭套筒）

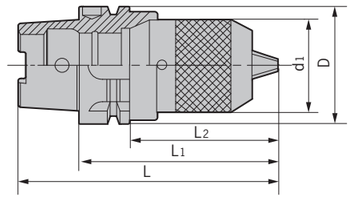


型號 Specification		D	d_1	d_2	L_1	L_2	L_3	L	重量 Weight
HSK50A-	MTA1-100	50	25	12.065	100	74	56	125	1.50
	MTA2-120	50	32	17.780	120	94	67	145	1.80
	MTA3-140	50	40	23.825	140	114	84	165	1.90
HSK63A-	MTA1-100	63	25	12.065	100	74	56	132	1.90
	MTA2-120	63	32	17.780	120	94	67	152	2.00
	MTA3-140	63	40	23.825	140	114	84	172	2.20
	MTA4-160	63	48	31.267	160	134	107	192	2.50
HSK100A-	MTA1-110	100	25	12.065	110	81	56	160	3.40
	MTA2-120	100	32	17.780	120	91	67	170	3.80
	MTA3-150	100	40	23.825	150	121	84	200	4.00
	MTA4-170	100	48	31.267	170	141	107	220	4.60
	MTA5-200	100	63	44.299	200	171	135	250	5.20

SPU/FMB

HSK-A-SPU Drill Chuck Holder
HSK-A-SPU直結式鑽夾頭刀柄

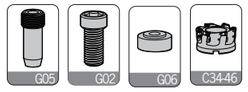


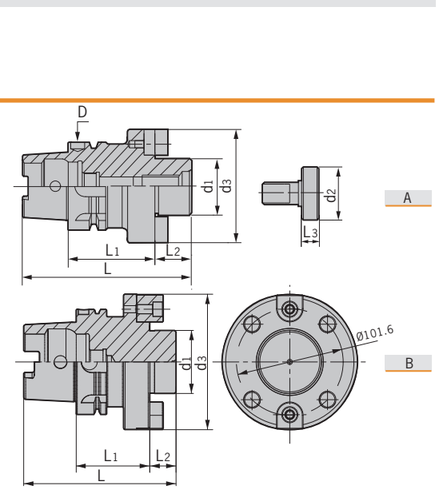


型號 Specification		D	d1	d2	L1	L2	L3	L	偏擺精度 3D	重量 Weight
HSK50A-	SPU8-120	50	50	8	120	99	55	167	0.05	1.61
HSK63A-	SPU13-150	63	50	13	150	124	55	194	0.05	2.65
	SPU16-155	63	57	16	155	129	55	199	0.05	3.12
HSK100A-	SPU13-155	100	50	13	155	130	75	217	0.05	4.23
	SPU16-160	100	57	16	160	135	75	222	0.05	4.55

注：報價時含扳手。
Notice:Wrench is included.

HSK-A-FMB Face Mill Holder
HSK-A-FMB平面銑刀柄





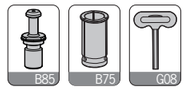
型號 Specification		圖示 Figure	D	d1	d2	d3	L1	L2	L3	L	刀盤鎖緊螺釘 Locking screw for cutter	墊圈 Washer	重量 Weight
HSK50A-	FMB22-60	A	50	22	26	48	60	18	14	104	E100U300	-	1.00
	FMB27-60	A	50	27	31.5	60	60	20	16	106	E120U300	FM-1	1.10
HSK63A-	FMB22-50	A	63	22	26	48	50	18	-	101	E100U300	-	1.30
	FMB22-100	A	63	22	26	48	100	18	-	151	E100U300	-	1.80
	FMB27-60	A	63	27	31.5	60	60	20	16	113	E120U300	FM-1	1.60
	FMB27-100	A	63	27	31.5	60	100	20	16	153	E120U300	FM-1	2.30
	FMB32-60	A	63	32	41	78	60	22	16	116	E160U350	FM-2	2.00
	FMB32-100	A	63	32	41	78	100	22	16	156	E160U350	FM-2	2.80
	FMB40-60	A	63	40	48	80	60	25	20.5	119	E200U350	FM-3	2.20
HSK100A-	FMB22-50	A	100	22	26	48	50	18	14	119	E100U300	-	2.90
	FMB22-100	A	100	22	26	48	100	18	14	169	E100U300	-	3.90
	FMB27-50	A	100	27	31.5	60	50	20	16	121	E120U300	FM-1	2.90
	FMB27-100	A	100	27	31.5	60	100	20	16	171	E120U300	FM-1	3.70
	FMB32-50	A	100	32	41	78	50	22	16	124	E160Z500-40	-	3.80
	FMB32-100	A	100	32	41	78	100	22	16	174	E160Z500-40	-	4.80
	FMB40-60	A	100	40	48	80	60	25	20.5	137	E200Z500-50	-	4.10
	FMB40-100	A	100	40	48	80	100	25	20.5	177	E200Z500-50	-	4.90
	FMB60F-70	B	100	60	-	129	70	25	101.6	160	E160U500	-	5.50

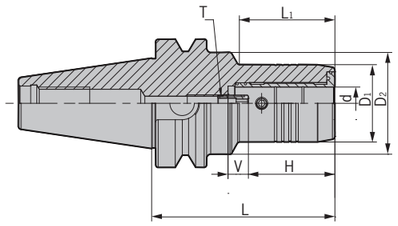
DHP

BT-DHP Hydraulic Chuck
BT-DHP 液壓刀柄

NEW

MAX 30,000 min⁻¹





型號 Specification		d	D1	D2	L	H	V	L1	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
BT30-	DHP6-70	6	28	45	70	27.5	10	28	M5X0.8	-	T04	0.68
	DHP8-70	8	30	45	70	27.5	10	28	M6X1.0	-	T04	0.71
	DHP10-75	10	32	45	75	32.5	10	38	M6X1.0	-	T04	0.73
	DHP12-75	12	34	45	75	37.5	10	36	M6X1.0	D12/OD12	T04	0.78
	DHP14-85	14	36	45	85	37.5	10	44	M6X1.0	-	T04	0.83
	DHP16-90	16	38	45	90	42.5	10	48	M8X1.0	-	T04	0.92
	DHP18-90	18	41	45	90	42.5	10	48	M8X1.0	-	T04	0.95
	DHP20-90	20	43	-	90	42.5	10	-	M8X1.0	D20/OD20	T04	0.98
BT40-	DHP6-65	6	28	50	65	27.5	10	23	M5X0.8	-	T04	1.26
	DHP6-90	6	28	50	90	27.5	10	44	M5X0.8	-	T04	1.42
	DHP6-140	6	28	50	140	27.5	10	44	M5X0.8	-	T04	2.16
	DHP8-65	8	30	50	65	27.5	10	23	M6X1.0	-	T04	1.26
	DHP8-90	8	30	50	90	27.5	10	39	M6X1.0	-	T04	1.43
	DHP8-140	8	30	50	140	27.5	10	44	M6X1.0	-	T04	2.20
	DHP10-65	10	32	50	65	32.5	10	23	M6X1.0	-	T04	1.26
	DHP10-90	10	32	50	90	32.5	10	44	M6X1.0	-	T04	1.45
	DHP10-140	10	32	50	140	32.5	10	44	M6X1.0	-	T04	2.40
	DHP12-65	12	34	50	65	37.5	10	23	M6X1.0	D12/OD12	T04	1.26
	DHP12-90	12	34	50	90	37.5	10	44	M6X1.0	D12/OD12	T04	1.46
	DHP12-140	12	34	50	140	37.5	10	44	M6X1.0	D12/OD12	T04	2.60
	DHP14-65	14	36	50	65	37.5	10	23	M6X1.0	-	T04	1.26
	DHP14-90	14	36	50	90	37.5	10	44	M6X1.0	-	T04	1.48
	DHP14-140	14	36	50	140	37.5	10	44	M6X1.0	-	T04	2.80
	DHP16-65	16	38	50	65	42.5	10	23	M8X1.0	-	T04	1.27
	DHP16-90	16	38	50	90	42.5	10	48	M8X1.0	-	T04	1.50
	DHP16-140	16	38	50	140	42.5	10	48	M8X1.0	-	T04	2.80
	DHP18-75	18	41	50	75	42.5	10	30	M8X1.0	-	T04	1.35
	DHP18-90	18	41	50	90	42.5	10	48	M8X1.0	-	T04	1.53
	DHP18-140	18	41	50	140	42.5	10	48	M8X1.0	-	T04	2.85
	DHP19-75	19	43	50	75	101	10	30	M8X1.0	-	T04	1.38
	DHP20-75	20	43	50	75	42.5	10	30	M8X1.0	D20/OD20	T04	1.40
	DHP20-90	20	43	50	90	42.5	10	48	M8X1.0	D20/OD20	T04	1.56
	DHP20-140	20	43	50	140	42.5	10	48	M8X1.0	D20/OD20	T04	2.89
	DHP24-75	24	63	-	75	94	10	-	M16X1.0	-	T05	2.02
	DHP25-100	25	57	-	100	51	10	73	M16X1.0	-	T05	2.05
	DHP25-135	25	57	-	135	51	10	108	M16X1.0	-	T05	2.75
	DHP32-105	32	63	-	100	55	10	-	M16X1.0	D32/OD32	T05	2.28
	DHP32-135	32	63	-	135	55	10	-	M16X1.0	D32/OD32	T05	2.95

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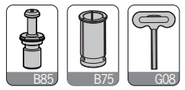
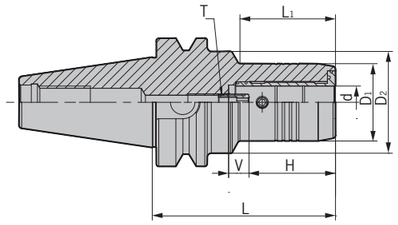
DHP

BT-DHP Hydraulic Chuck
BT-DHP 液壓刀柄

NEW

MAX 30,000 min⁻¹





型號 Specification		d	D1	D2	L	H	V	L1	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
BT50-	DHP6-90	6	28	50	90	27.5	10	23	M5X0.8	-	T04	4.03
	DHP6-120	6	28	50	120	27.5	10	44	M5X0.8	-	T04	4.35
	DHP6-140	6	28	50	140	27.5	10	44	M5X0.8	-	T04	4.65
	DHP8-90	8	30	50	90	27.5	10	23	M6X1.0	-	T04	4.05
	DHP8-120	8	30	50	120	27.5	10	40	M6X1.0	-	T04	4.42
	DHP8-140	8	30	50	140	27.5	10	44	M6X1.0	-	T04	4.68
	DHP10-90	10	32	50	90	32.5	10	23	M6X1.0	-	T04	4.06
	DHP10-120	10	32	50	120	32.5	10	44	M6X1.0	-	T04	4.41
	DHP10-140	10	32	50	140	32.5	10	44	M6X1.0	-	T04	4.71
	DHP12-90	12	34	50	90	37.5	10	23	M6X1.0	D12/OD12	T04	4.07
	DHP12-120	12	34	50	120	37.5	10	44	M6X1.0	D12/OD12	T04	4.43
	DHP12-140	12	34	50	140	37.5	10	44	M6X1.0	D12/OD12	T04	4.73
	DHP14-90	14	36	50	90	37.5	10	23	M6X1.0	-	T04	4.07
	DHP14-120	14	36	50	120	37.5	10	44	M6X1.0	-	T04	4.43
	DHP14-140	14	36	50	140	37.5	10	44	M6X1.0	-	T04	4.72
	DHP16-90	16	38	50	90	42.5	10	23	M8X1.0	-	T04	4.08
	DHP16-120	16	38	50	120	42.5	10	48	M8X1.0	-	T04	4.43
	DHP16-140	16	38	50	140	42.5	10	48	M8X1.0	-	T04	4.73
	DHP18-90	18	41	50	90	42.5	10	32	M8X1.0	-	T04	4.10
	DHP18-120	18	41	50	120	42.5	10	48	M8X1.0	-	T04	4.47
	DHP18-140	18	41	50	140	42.5	10	48	M8X1.0	-	T04	4.75
	DHP20-90	20	43	50	90	42.5	10	32	M8X1.0	D20/OD20	T04	4.11
	DHP20-120	20	43	50	120	42.5	10	48	M8X1.0	D20/OD20	T04	4.50
	DHP20-140	20	43	50	140	42.5	10	48	M8X1.0	D20/OD20	T04	4.79
	DHP25-105	25	57	-	105	51	10	67	M16X1.0	-	T05	4.60
	DHP25-150	25	57	-	150	51	10	112	M16X1.0	-	T05	5.40
	DHP32-115	32	63	-	115	55	10	77	M16X1.0	D32/OD32	T05	4.85
	DHP32-150	32	63	-	150	55	10	112	M16X1.0	D32/OD32	T05	5.67

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特 點 / Feature

■DHP刀具系列用途高轉速、高精密切削加工，切削效果佳。
■動平衡設定: G2.5； 20,000 rpm。
■3D處徑向跳動0.003 mm。

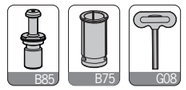
■For high-speed and high precision cutting;
■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.003 mm.

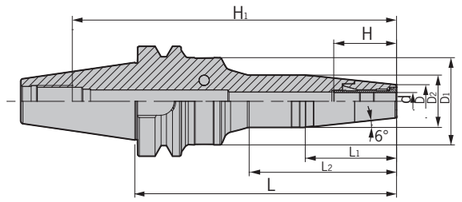
DHP

BT-DHP Super Slim Hydraulic Chuck
BT-DHP 超細長液壓刀柄

NEW

MAX 30,000 min⁻¹





型號 Specification		d	D	D1	D2	L1	L2	L	H	H1	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
BT30-	DHP6S-90	6	14	42	25	50	-	90	25	113	M5X0.8	-	T04	0.65
	DHP8S-90	8	17	42	28	50	-	90	31	113	M6X1	-	T04	0.67
	DHP10S-90	10	19	44	30	50	-	90	33	113	M6X1	-	T04	0.70
	DHP12S-90	12	21	46	32	50	-	90	36	113	M6X1	-	T04	0.72
BT40-	DHP6S-110	6	14	38	27	60	-	110	25	145	M5X0.8	-	T04	1.30
	DHP6S-150	6	14	48	26	57	85	150	25	185	M5X0.8	-	T04	1.60
	DHP8S-110	8	17	40	30	60	-	110	31	145	M6X1	-	T04	1.40
	DHP8S-150	8	17	50	28	52	85	150	31	185	M6X1	-	T04	1.70
	DHP10S-110	10	19	42	32	60	-	110	33	145	M6X1	-	T04	1.40
	DHP10S-150	10	19	50	30	52	85	150	33	185	M6X1	-	T04	1.70
	DHP12S-110	12	21	44	34	60	-	110	36	145	M6X1	D12/OD12	T04	1.40
	DHP12S-150	12	21	50	32	52	85	150	36	185	M6X1	D12/OD12	T04	1.80
BT50-	DHP6S-150	6	14	52	26	57	83	150	25	83	M5X0.8	-	T04	4.20
	DHP6S-200	6	14	56	26	57	100	200	25	100	M5X0.8	-	T04	4.60
	DHP8S-150	8	17	54	28	52	83	150	31	83	M6X1	-	T04	4.30
	DHP8S-200	8	17	58	28	52	100	200	31	100	M6X1	-	T04	4.70
	DHP10S-150	10	19	56	30	52	83	150	33	83	M6X1	-	T04	4.30
	DHP10S-200	10	19	60	30	52	100	200	33	100	M6X1	-	T04	4.80
	DHP12S-150	12	21	58	32	52	83	150	36	83	M6X1	D12/OD12	T04	4.40
	DHP12S-200	12	21	62	32	52	100	200	36	100	M6X1	D12/OD12	T04	4.80

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特 點 / Feature

■DHP刀具系列用途高轉速、高精密切削加工，切削效果佳。
■動平衡設定: G2.5； 20,000 rpm。
■3D處徑向跳動0.003 mm。

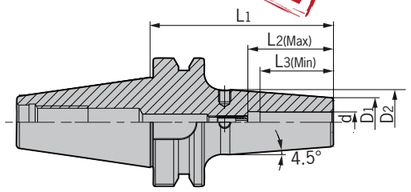
■For high-speed and high precision cutting;
■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.003 mm.

SF

BT-SF Shrink Fit Holder
BT-SF燒結式熱裝刀柄（一體式）

MAX 50,000 min⁻¹

NEW



型號 Specification		d	D1	D2	L1	L2 (Max)	L3 (Min)	重量 Weight
BT30-	SF3-80	3	10	10	80	-	9	0.35
	SF4-80	4	10	10	80	-	12	0.40
	SF5-80	5	10	10	80	-	15	0.43
	SF6-80	6	21	27	80	28	18	0.45
	SF8-80	8	21	27	80	34	24	0.50
	SF10-80	10	24	32	80	40	30	0.55
	SF12-80	12	24	32	80	40	30	0.62
	SF14-80	14	27	34	80	42	32	0.65
	SF16-80	16	27	34	80	42	32	0.68
	SF18-80	18	33	42	80	50	40	0.71
	SF20-90	20	33	42	90	50	40	0.75
BT40-	SF3-90	3	10	10	90	-	9	1.00
	SF4-90	4	10	10	90	-	12	1.10
	SF5-90	5	10	10	90	-	15	1.00
	SF6-90	6	21	27	90	28	18	1.15
	SF6-130	6	21	27	130	28	18	1.20
	SF6-160	6	21	27	160	28	18	1.40
	SF6-200	6	21	27	200	28	18	1.90
	SF8-90	8	21	27	90	34	24	1.15
	SF8-130	8	21	27	130	34	24	1.30
	SF8-160	8	21	27	160	34	24	1.50
	SF8-200	8	21	27	200	34	24	1.90
	SF10-90	10	24	32	90	40	30	1.20
	SF10-130	10	24	32	130	40	30	1.50
	SF10-160	10	24	32	160	40	30	1.80
	SF10-200	10	24	32	200	40	30	1.90
	SF12-90	12	24	32	90	40	30	1.30
	SF12-130	12	24	32	130	40	30	1.60
	SF12-160	12	24	32	160	40	30	1.80
	SF12-200	12	24	32	200	40	30	2.00
	SF14-90	14	27	34	90	42	32	1.30
	SF14-130	14	27	34	130	42	32	1.60
	SF14-160	14	27	34	160	42	32	1.80
	SF14-200	14	27	34	200	42	32	2.00
	SF16-90	16	27	34	90	42	32	1.40
	SF16-130	16	27	34	130	42	32	1.70
	SF16-160	16	27	34	160	42	32	1.95
	SF16-200	16	27	34	200	42	32	2.20
	SF18-90	18	33	42	90	50	40	1.50
	SF18-130	18	33	42	130	50	40	1.80
	SF18-160	18	33	42	160	50	40	2.00
	SF18-200	18	33	42	200	50	40	2.30
	SF20-90	20	33	42	90	50	40	1.55

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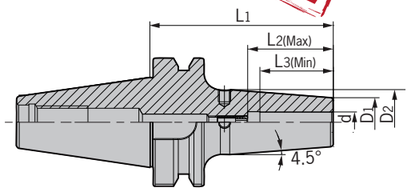
SF

BT-SF Shrink Fit Holder
BT-SF燒結式熱裝刀柄（一體式）

MAX 50,000 min⁻¹

NEW



型號 Specification		d	D1	D2	L1	L2 (Max)	L3 (Min)	重量 Weight
BT40-	SF20-130	20	33	42	130	50	40	1.85
	SF20-160	20	33	42	160	50	40	2.05
	SF20-200	20	33	42	200	50	40	2.35
	SF25-100	25	44	53	100	55	45	1.65
	SF25-130	25	44	53	130	55	45	1.90
	SF25-160	25	44	53	160	55	45	2.20
	SF25-200	25	44	53	200	55	45	2.50
	SF32-100	32	44	53	100	60	50	2.00
	SF32-130	32	44	53	130	60	50	2.30
	SF32-160	32	44	53	160	60	50	2.60
BT50-	SF6-100	6	21	27	100	28	18	3.70
	SF6-130	6	21	27	130	28	18	3.80
	SF6-160	6	21	27	160	28	18	3.88
	SF6-200	6	21	27	200	28	18	4.00
	SF8-100	8	21	27	100	34	24	3.60
	SF8-130	8	21	27	130	34	24	3.70
	SF8-160	8	21	27	160	34	24	3.90
	SF8-200	8	21	27	200	34	24	4.00
	SF10-100	10	24	32	100	40	30	3.65
	SF10-130	10	24	32	130	40	30	3.78
	SF10-160	10	24	32	160	40	30	4.00
	SF10-200	10	24	32	200	40	30	4.15
	SF12-100	12	24	32	100	40	30	3.70
	SF12-130	12	24	32	130	40	30	3.80
	SF12-160	12	24	32	160	40	30	4.10
	SF12-200	12	24	32	200	40	30	4.25
	SF14-100	14	27	34	100	42	32	3.70
	SF14-130	14	27	34	130	42	32	3.80
	SF14-160	14	27	34	160	42	32	4.10
	SF14-200	14	27	34	200	42	32	4.25
	SF16-100	16	27	34	100	42	32	3.75
	SF16-130	16	27	34	130	42	32	3.88
	SF16-160	16	27	34	160	42	32	4.20
	SF16-200	16	27	34	200	42	32	4.50
	SF18-100	18	33	42	100	50	40	3.75
	SF18-130	18	33	42	130	50	40	3.88
	SF18-160	18	33	42	160	50	40	4.20
	SF18-200	18	33	42	200	50	40	4.50
	SF20-100	20	33	42	100	50	40	3.80
	SF20-130	20	33	42	130	50	40	4.00
	SF20-160	20	33	42	160	50	40	4.30
	SF20-200	20	33	42	200	50	40	4.60

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加工中心刀柄 TOOL HOLDERS
HSK刀柄 HSK holder
BT刀柄 BT holder
SK刀柄 SK holder
ISO刀柄 ISO holder
刀柄配件 Holder accessories

SF/DSF

BT-SF Shrink Fit Holder
BT-SF燒結式熱裝刀柄（一體式）

型號 Specification		d	D_1	D_2	L_1	L_2 (Max)	L_3 (Min)	重量 Weight
BT50-	SF25-100	25	44	53	100	55	45	3.82
	SF25-130	25	44	53	130	55	45	4.05
	SF25-160	25	44	53	160	55	45	4.33
	SF25-200	25	44	53	200	55	45	4.65
	SF32-100	32	44	53	100	60	50	4.00
	SF32-130	32	44	53	130	60	50	4.40
	SF32-160	32	44	53	160	60	50	4.70
	SF32-200	32	44	53	200	60	50	5.00

特 點 / Feature

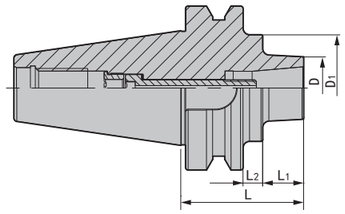
■動平衡設定: G2.5; 25,000 rpm。
■3D處徑向跳動0.003 mm。

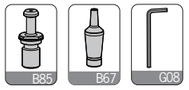
■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.003 mm.

BT-DSF Shrink Fit Holder
BT-DSF燒結式熱裝刀柄（分體式）

NEW

MAX 50,000 min⁻¹





型號 Specification		D	D_1	L_1	L_2	L	L型扳手 Wrench	重量 Weight
BT30-	DSF12-35	38	-	13	-	35	L06	0.40
BT40-	DSF12-50	38	-	18	-	50	L06	1.10
	DSF12-75	38	-	48	-	75	L06	1.40
	DSF12-135	41	-	108	-	135	L06	2.20
BT50-	DSF12-75	38	65	25	12	75	L06	4.00
	DSF12-105	41	65	55	12	105	L06	4.40
	DSF12-135	41	65	85	12	135	L06	4.70

注：報價時含扳手。
Notice:Wrench is included.

特 點 / Feature

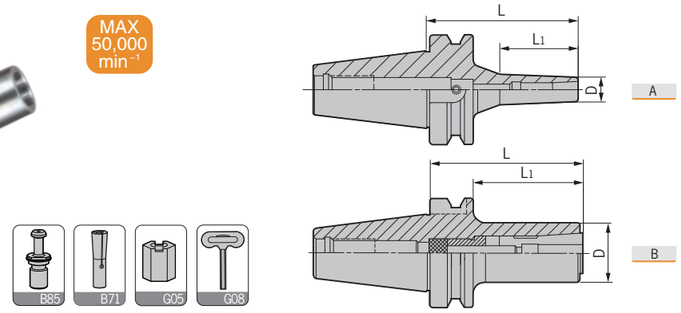
■動平衡設定: G2.5; 25,000 rpm。
■3D處徑向跳動0.003 mm。

■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.003 mm.

DC

BT-DC Precision Slim Collet Chuck
BT-DC小徑精密夾頭本體

MAX 50,000 min⁻¹



型號 Specification		圖示 Figure	D	L_1	L	適用筒夾 Suit collet	拉緊螺釘 Tension screw	止動螺母 Stop nut	扳手 Wrench	重量 Weight
BT30-	DC6-60	A	14	26	60	DC6	E050U350	ZD6-2	T04	0.90
	DC6-90	A	14	50	90	DC6	E050U650	ZD6-2	T04	1.10
	DC12-70	B	34	48	70	DC12	E100U350	ZD12-1	T08-L	0.60
BT40-	DC6-60	A	14	26	60	DC6	E050U450	ZD6-2	T04-L	1.02
	DC6-90	A	14	45	90	DC6	E050U450	ZD6-2	T04-L	1.05
	DC6-120	A	14	60	120	DC6	E050U800	ZD6-2	T04-L	1.08
	DC6-150	A	14	76	150	DC6	E050U1300	ZD6-2	T04-L	1.11
	DC8-90	A	22	53	90	DC8	E060U600	ZD8-1	T05-L	1.10
	DC8-120	A	22	65	120	DC8	E060U900	ZD8-1	T05-L	1.40
	DC10-90	B	28	63	90	DC10	E080U300	ZD10-2	T06-L	1.20
	DC10-120	A	28	60	120	DC10	E080U850	ZD10-1	T06-L	1.57
	DC12-70	B	34	43	70	DC12	E100U350	ZD12-1	T08-L	1.08
	DC12-90	B	34	63	90	DC12	E100U350	ZD12-1	T08-L	1.28
	DC12-120	B	34	93	120	DC12	E100U350	ZD12-1	T08-L	1.49
	DC12-150	B	34	123	150	DC12	E100U350	ZD12-1	T08-L	1.80
BT50-	DC10-110	A	28	57	110	DC10	E080U800	ZD12-1	T06-L	4.20
	DC10-150	A	28	75	150	DC10	E080U1200	ZD12-1	T06-L	4.32
	DC12-110	B	34	72	110	DC12	E100U350	ZD12-1	T08-L	4.70
	DC12-150	A	34	80	150	DC12	E100U1100	ZD12-1	T08-L	5.01

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特 點 / Feature

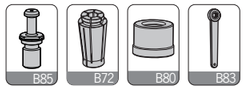
■動平衡設定: G2.5；30,000 rpm。
■3D處徑向跳動0.003 mm。

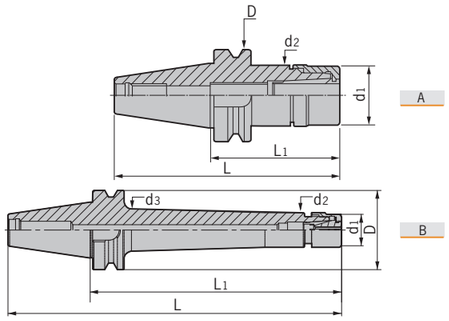
■Balanced: G2.5; 30,000 rpm;
■Runout (X3D): < 0.003 mm.

GSK

BT-GSK High Precision Chuck
BT-GSK高速精密筒夾本體

MAX 45,000 min⁻¹





型號 Specification		圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
BT30-	GSK6-70	A	46	19.5	20	-	118.4	70	M6x1	DSK6	0.45
	GSK6-100	A	46	19.5	20	-	148.4	100	M6x1	DSK6	0.64
	GSK10-70	A	46	27	27.5	-	118.4	70	M10x1.5	DSK10	0.46
	GSK10-100	A	46	27	27.5	-	148.4	100	M10x1.5	DSK10	0.70
	GSK16-70	A	46	40	40.5	-	118.4	70	M16x2	DSK16	0.70
	GSK16-100	A	46	40	40.5	-	148.4	100	M16x2	DSK16	1.00
	GSK16-120	A	46	40	40.5	-	168.4	120	M16x2	DSK16	1.25
	GSK16-150	A	46	40	40.5	-	198.4	150	M16x2	DSK16	1.35
	GSK20-70	A	46	48	48.5	-	118.4	70	M16x2	DSK20	0.75
	GSK20-100	A	46	48	48.5	-	148.4	100	M16x2	DSK20	1.15
	GSK25-100	A	46	55	55	-	148.4	100	M20x2	DSK25	1.20
BT40-	GSK6-70	A	63	19.5	20	-	135.4	70	M6x1	DSK6	1.05
	GSK6-100	A	63	19.5	20	-	165.4	100	M6x1	DSK6	1.25
	GSK6-120	A	63	19.5	20	-	185.4	120	M6x1	DSK6	1.39
	GSK6-150L	B	63	19.5	20	26.4	215.4	150	M6x1	DSK6	1.55
	GSK10-70	A	63	27	27.5	-	135.4	70	M10x1.5	DSK10	1.10
	GSK10-100	A	63	27	27.5	-	165.4	100	M10x1.5	DSK10	1.30
	GSK10-120	A	63	27	27.5	-	185.4	120	M10x1.5	DSK10	1.42
	GSK10-150	A	63	27	27.5	-	215.4	150	M10x1.5	DSK10	1.55
	GSK10-200L	B	63	27	27.5	33.7	265.4	200	M10x1.5	DSK10	1.85
	GSK16-70	A	63	40	40.5	-	135.4	70	M16x2	DSK16	1.21
	GSK16-100	A	63	40	40.5	-	165.4	100	M16x2	DSK16	1.42
	GSK16-120	A	63	40	40.5	-	185.4	120	M16x2	DSK16	1.61
	GSK16-150	A	63	40	40.5	-	215.4	150	M16x2	DSK16	1.80
	GSK16-200L	B	63	40	40.5	45.7	265.4	200	M16x2	DSK16	1.95
	GSK20-70	A	63	48	48.5	-	135.4	70	M16x2	DSK20	1.52
	GSK20-100	A	63	48	48.5	-	165.4	100	M16x2	DSK20	1.68
	GSK20-120	A	63	48	48.5	-	185.4	120	M16x2	DSK20	1.90
	GSK20-150	A	63	48	48.5	-	215.4	150	M16x2	DSK20	2.10
	GSK20-200L	B	63	48	48.5	55.7	265.4	200	M16x2	DSK20	2.30
	GSK25-100	A	63	55	55	-	165.4	100	M20x2	DSK25	1.81
	GSK25-120	A	63	55	55	-	185.4	120	M20x2	DSK25	2.05
	GSK25-150	A	63	55	55	-	215.4	150	M20x2	DSK25	2.30
	GSK25-200L	B	63	55	55	59.9	265.4	200	M20x2	DSK25	2.65
BT50-	GSK10-105	A	100	27	27.5	-	206.8	105	M10x1.5	DSK10	3.78
	GSK10-135	A	100	27	27.5	-	236.8	135	M10x1.5	DSK10	4.00
	GSK10-165	A	100	27	27.5	-	266.8	165	M10x1.5	DSK10	4.33
	GSK10-200L	B	100	27	27.5	35.2	301.8	200	M10x1.5	DSK10	4.75

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GSK/DSK

BT-GSK High Precision Chuck
BT-GSK高速精密筒夾本體

型號 Specification		圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
BT50-	GSK16-100	A	100	40	40.5	-	201.8	100	M16x2	DSK16	3.93
	GSK16-125	A	100	40	40.5	-	226.8	125	M16x2	DSK16	4.17
	GSK16-150	A	100	40	40.5	-	251.8	150	M16x2	DSK16	4.49
	GSK16-200L	B	100	40	40.5	48.4	301.8	200	M16x2	DSK16	5.50
	GSK16-250L	B	100	40	40.5	48.4	351.8	250	M16x2	DSK16	6.50
	GSK20-100	A	100	48	48.5	-	201.8	100	M16x2	DSK20	4.10
	GSK20-125	A	100	48	48.5	-	226.8	125	M16x2	DSK20	4.32
	GSK20-150	A	100	48	48.5	-	251.8	150	M16x2	DSK20	4.65
	GSK20-200	A	100	48	48.5	-	301.8	200	M16x2	DSK20	5.75
	GSK20-250L	B	100	48	48.5	55.4	351.8	250	M16x2	DSK20	6.78
	GSK20-300L	B	100	48	48.5	55.4	401.8	300	M16x2	DSK20	7.80
	GSK25-100	A	100	55	55	-	201.8	100	M20x2	DSK25	4.10
	GSK25-125	A	100	55	55	-	226.8	125	M20x2	DSK25	4.62
	GSK25-150	A	100	55	55	-	251.8	150	M20x2	DSK25	5.10
	GSK25-200	A	100	55	55	-	301.8	200	M20x2	DSK25	5.81
	GSK25-250L	B	100	55	55	61.4	351.8	250	M20x2	DSK25	6.85
	GSK25-300L	B	100	55	55	61.4	401.8	300	M20x2	DSK25	8.00

注：筒夾與扳手需單獨另購，可選配中心出水螺帽與端面出水螺帽詳見B73頁。
Notice: Collets and wrenchs shall be ordered separately.

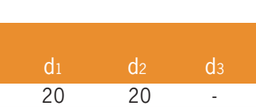
特 點 / Feature

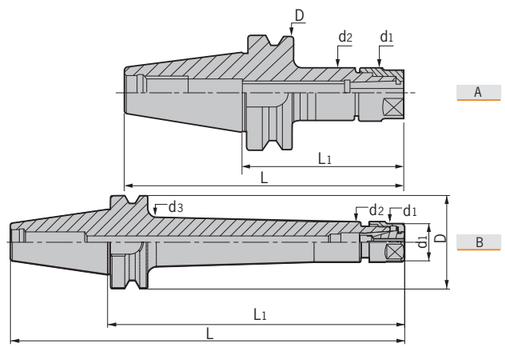
■動平衡設定: G2.5； 25,000 rpm。
■3D處徑向跳動0.005 mm。

■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.005 mm.

BT-DSK High Precision Chuck
BT-DSK高速精密筒夾本體

MAX 35,000 min⁻¹





型號 Specification		圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
BT30-	DSK6-70	A	46	20	20	-	118.4	70	M6x1	DSK6	0.45
	DSK6-100	A	46	20	20	-	148.4	100	M6x1	DSK6	0.64
	DSK10-70	A	46	27.5	27.5	-	118.4	70	M10x1.5	DSK10	0.46
	DSK10-100	A	46	27.5	27.5	-	148.4	100	M10x1.5	DSK10	0.70
	DSK16-70	A	46	40.5	40.5	-	118.4	70	M16x2	DSK16	0.70
	DSK16-100	A	46	40.5	40.5	-	148.4	100	M16x2	DSK16	1.00
	DSK16-120	A	46	40.5	40.5	-	168.4	120	M16x2	DSK16	1.25
	DSK16-150	A	46	40.5	40.5	-	198.4	150	M16x2	DSK16	1.35

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DSK

BT-DSK High Precision Chuck
BT-DSK高速精密筒夾本體

型號 Specification		圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
BT30-	DSK20-70	A	46	48.5	48.5	-	118.4	70	M16x2	DSK20	0.75
	DSK20-100	A	46	48.5	48.5	-	148.4	100	M16x2	DSK20	1.15
	DSK25-100	A	46	55	55	-	148.4	100	M20x2	DSK25	1.20
BT40-	DSK6-70	A	63	20	20	-	135.4	70	M6x1	DSK6	1.05
	DSK6-100	A	63	20	20	-	165.4	100	M6x1	DSK6	1.25
	DSK6-120	A	63	20	20	-	185.4	120	M6x1	DSK6	1.39
	DSK6-150L	B	63	20	20	26.4	215.4	150	M6x1	DSK6	1.55
	DSK10-70	A	63	27.5	27.5	-	135.4	70	M10x1.5	DSK10	1.10
	DSK10-100	A	63	27.5	27.5	-	165.4	100	M10x1.5	DSK10	1.30
	DSK10-120	A	63	27.5	27.5	-	185.4	120	M10x1.5	DSK10	1.42
	DSK10-150	A	63	27.5	27.5	-	215.4	150	M10x1.5	DSK10	1.55
	DSK10-200L	B	63	27.5	27.5	33.7	265.4	200	M10x1.5	DSK10	1.85
	DSK16-70	A	63	40.5	40.5	-	135.4	70	M16x2	DSK16	1.21
	DSK16-100	A	63	40.5	40.5	-	165.4	100	M16x2	DSK16	1.42
	DSK16-120	A	63	40.5	40.5	-	185.4	120	M16x2	DSK16	1.61
	DSK16-150	A	63	40.5	40.5	-	215.4	150	M16x2	DSK16	1.80
	DSK16-200L	B	63	40.5	40.5	45.7	265.4	200	M16x2	DSK16	1.95
	DSK20-70	A	63	48.5	48.5	-	135.4	70	M16x2	DSK20	1.52
	DSK20-100	A	63	48.5	48.5	-	165.4	100	M16x2	DSK20	1.68
	DSK20-120	A	63	48.5	48.5	-	185.4	120	M16x2	DSK20	1.90
	DSK20-150	A	63	48.5	48.5	-	215.4	150	M16x2	DSK20	2.10
	DSK20-200L	B	63	48.5	48.5	55.7	265.4	200	M16x2	DSK20	2.30
	DSK25-100	A	63	55	55	-	165.4	100	M20x2	DSK25	1.81
	DSK25-120	A	63	55	55	-	185.4	120	M20x2	DSK25	2.05
	DSK25-150	A	63	55	55	-	215.4	150	M20x2	DSK25	2.30
	DSK25-200L	B	63	55	55	59.9	265.4	200	M20x2	DSK25	2.65
BT50-	DSK10-105	A	100	27.5	27.5	-	206.8	105	M10x1.5	DSK10	3.78
	DSK10-135	A	100	27.5	27.5	-	236.8	135	M10x1.5	DSK10	4.00
	DSK10-165	A	100	27.5	27.5	-	266.8	165	M10x1.5	DSK10	4.33
	DSK10-200L	B	100	27.5	27.5	35.2	301.8	200	M10x1.5	DSK10	4.75
	DSK16-100	A	100	40.5	40.5	-	201.8	100	M16x2	DSK16	3.93
	DSK16-125	A	100	40.5	40.5	-	226.8	125	M16x2	DSK16	4.17
	DSK16-150	A	100	40.5	40.5	-	251.8	150	M16x2	DSK16	4.49
	DSK16-200L	B	100	40.5	40.5	48.4	301.8	200	M16x2	DSK16	5.50
	DSK16-250L	B	100	40.5	40.5	48.4	351.8	250	M16x2	DSK16	6.50
	DSK20-100	A	100	48.5	48.5	-	201.8	100	M16x2	DSK20	4.10
	DSK20-125	A	100	48.5	48.5	-	226.8	125	M16x2	DSK20	4.32
	DSK20-150	A	100	48.5	48.5	-	251.8	150	M16x2	DSK20	4.65
	DSK20-200	A	100	48.5	48.5	-	301.8	200	M16x2	DSK20	5.75
	DSK20-250L	B	100	48.5	48.5	55.4	351.8	250	M16x2	DSK20	6.78
	DSK20-300L	B	100	48.5	48.5	55.4	401.8	300	M16x2	DSK20	7.80
	DSK25-100	A	100	55	55	-	201.8	100	M20x2	DSK25	4.1
	DSK25-125	A	100	55	55	-	226.8	125	M20x2	DSK25	4.62
	DSK25-150	A	100	55	55	-	251.8	150	M20x2	DSK25	5.10
	DSK25-200	A	100	55	55	-	301.8	200	M20x2	DSK25	5.81
	DSK25-250L	B	100	55	55	61.4	351.8	250	M20x2	DSK25	6.85
	DSK25-300L	B	100	55	55	61.4	401.8	300	M20x2	DSK25	8.00

注：筒夾與扳手需單獨另購，可選配中心出水螺帽與端面出水螺帽詳見73頁。
Notice: Collets and wrenchs shall be ordered separately.

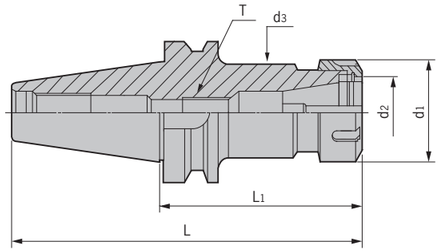
特 點 / Feature

■動平衡設定: G2.5； 20,000 rpm。
■3D處徑向跳動0.005 mm。

■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.005 mm.

ER

BT-ER Spring Collet Chuck
BT-ER彈性筒夾本體



型號 Specification		d1	d2	d3	L1	L	T	重量 Weight
BT30-	ER16-70	28	16	28	70	118.4	M10X1.5P	0.52
	ER16-100	28	16	28	100	148.4	M10X1.5P	0.64
	ER16-120	28	16	28	120	168.4	M10X1.5P	0.73
	ER20-70	34	20	34	70	118.4	M12X1.75P	0.57
	ER20-100	34	20	34	100	148.4	M12X1.75P	0.76
	ER20-135	34	20	34	135	183.4	M12X1.75P	0.99
	ER25-70	42	25	42	70	118.4	M16X2.0P	0.66
	ER25-100	42	25	42	100	148.4	M16X2.0P	0.98
	ER25-135	42	25	42	135	183.4	M16X2.0P	1.31
	ER32-70	50	32	50	70	118.4	M16X2.0P	0.72
	ER32-100	50	32	50	100	148.4	M16X2.0P	1.14
	ER40-80	63	40	63	80	128.4	M16X2.0P	1.20
BT40-	ER16-70	28	16	28	70	135.4	M10X1.5P	1.08
	ER16-100	28	16	28	100	165.4	M10X1.5P	1.21
	ER16-125	28	16	28	125	190.4	M10X1.5P	1.30
	ER16-150	28	16	28	150	215.4	M10X1.5P	1.44
	ER20-70	34	20	34	70	135.4	M12X1.75P	1.12
	ER20-100	34	20	34	100	170.4	M12X1.75P	1.33
	ER20-125	34	20	34	125	190.4	M12X1.75P	1.48
	ER20-150	34	20	34	150	215.4	M12X1.75P	1.65
	ER25-70	42	25	42	70	135.4	M16X2.0P	1.22
	ER25-100	42	25	42	100	165.4	M16X2.0P	1.49
	ER25-125	42	25	42	125	190.4	M16X2.0P	1.71
	ER25-150	42	25	42	150	215.4	M16X2.0P	1.97
	ER32-70	50	32	50	70	135.4	M16X2.0P	1.27
	ER32-100	50	32	50	100	165.4	M16X2.0P	1.70
	ER32-150	50	32	50	150	215.4	M16X2.0P	2.39
	ER32-200	50	32	50	200	265.4	M16X2.0P	3.12
	ER40-80	63	40	63	80	145.4	M20X2.0P	1.62
	ER40-100	63	40	63	100	165.4	M20X2.0P	2.08
	ER40-120	63	40	63	120	185.4	M20X2.0P	2.55
	ER40-150	63	40	63	150	215.4	M20X2.0P	3.23
BT50-	ER16-70	28	16	28	70	171.8	M10X1.5P	3.67
	ER16-100	28	16	28	100	201.8	M10X1.5P	3.77
	ER16-135	28	16	28	135	236.8	M10X1.5P	3.95
	ER16-165	28	16	28	165	266.8	M10X1.5P	4.04
	ER20-70	34	20	34	70	171.8	M12X1.75P	3.66
	ER20-100	34	20	34	100	201.8	M12X1.75P	3.75
	ER20-135	34	20	34	135	236.8	M12X1.75P	4.08
	ER20-150	34	20	34	150	251.8	M12X1.75P	4.22
	ER20-200	34	20	34	200	301.8	M12X1.75P	4.66
	ER20-250	34	20	34	250	351.8	M12X1.75P	5.16
	ER25-70	42	25	42	70	171.8	M16X2.0P	3.64
	ER25-100	42	25	42	100	201.8	M16X2.0P	4.02

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ER/VER

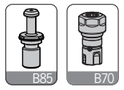
BT-ER Spring Collet Chuck
BT-ER彈性筒夾本體

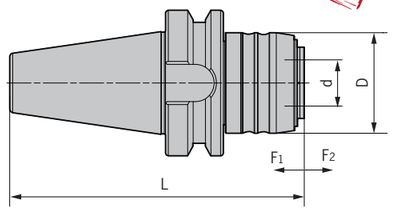
型號 Specification		d1	d2	d3	L1	L	T	重量 Weight
BT50-	ER25-125	42	25	42	125	226.8	M16X2.0P	4.26
	ER25-150	42	25	42	150	251.8	M16X2.0P	4.54
	ER25-200	42	25	42	200	301.8	M16X2.0P	5.01
	ER25-250	42	25	42	250	351.8	M16X2.0P	5.52
	ER32-80	50	32	50	80	181.8	M16X2.0P	3.80
	ER32-100	50	32	50	100	201.8	M16X2.0P	4.07
	ER32-120	50	32	50	120	221.8	M16X2.0P	4.35
	ER32-150	50	32	50	150	251.8	M16X2.0P	4.82
	ER32-200	50	32	50	200	301.8	M16X2.0P	5.32
	ER32-250	50	32	50	250	351.8	M16X2.0P	5.92
	ER40-80	63	40	63	80	181.8	M20X2.0P	3.93
	ER40-100	63	40	63	100	201.8	M20X2.0P	4.38
	ER40-120	63	40	63	120	221.8	M20X2.0P	4.86
	ER40-150	63	40	63	150	251.8	M20X2.0P	5.51

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

BT- VER Tapping Chuck
BT- VER快換式微補償攻牙刀柄

NEW





型號 Specification		D	d	L	F1	F2	攻牙能力 Tapping capacity	適用延長杆 Suit extender	重量 Weight
BT40-	VER16-61	43.5	20	61	0.2	1	M3-M12	VER16-M24	1.05
	VER20-72	52	25	72	0.2	1	M5-M16	VER20-M26	1.20
	VER25-82	60	32	82	0.2	1	M6-M20	VER25-M28	1.35
	VER32-98	72	40	98	0.2	1	M10-M24	VER32-M30	1.68
	VER40-107	87	50	107	0.2	1	M14-M33	VER40-M32	1.95
BT50-	VER16-72	43.5	20	72	0.2	1	M3-M12	VER16-M24	3.55
	VER20-72	52	25	83	0.2	1	M5-M16	VER20-M26	3.45
	VER25-93	60	32	93	0.2	1	M6-M20	VER25-M28	3.88
	VER32-109	72	40	109	0.2	1	M10-M24	VER32-M30	4.22
	VER40-124	87	50	124	0.2	1	M14-M33	VER40-M32	4.65

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

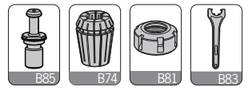
特點 / Feature

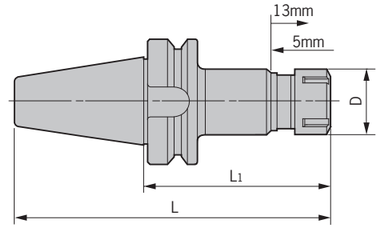
■顯著提高絲錐使用壽命80%以上。
■有效提高加工生產效率2-4倍。
■明顯提高表面加工質量與精度。
■選用ER攻絲專用筒夾夾持。
■無需依賴設備精度。
■擠壓絲錐首選。

■Tap tool life increased by 80% and above;
■Work efficiency increased 2 to 4 times;
■Better surface quality;
■With ER tapping collet;
■Best choice for squeeze taps.

TER

BT-TER Tapping Chuck
BT-TER伸縮攻牙器刀柄





型號 Specification		D	L1	L	適用筒夾 Suit collet	攻牙能力 Tapping capacity	重量 Weight
BT30-	TER16	28	80	128.4	ER16	M3-M12	0.61
	TER20	34	90	138.4	ER20	M4-M16	0.75
BT40-	TER16	28	77	145.4	ER16	M3-M12	1.10
	TER20	34	86	154.4	ER20	M4-M16	1.22
	TER25	42	90	158.4	ER25	M5-M20	1.37
	TER32	50	94	162.4	ER32	M8-M27	1.52
	TER40	63	98	166.4	ER40	M12-M36	2.25
BT50-	TER16	28	80	181.8	ER16	M3-M12	3.80
	TER20	34	99	200.8	ER20	M4-M16	3.83
	TER25	42	97	198.8	ER25	M5-M20	3.91
	TER32	50	95	196.8	ER32	M8-M27	4.22
	TER40	63	117	218.8	ER40	M12-M36	4.51

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

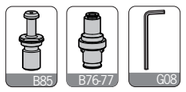
特點 / Feature

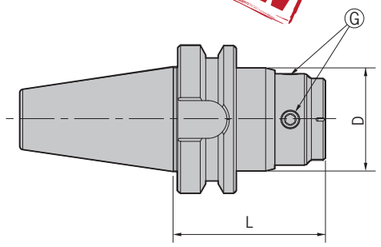
■攻牙器使用ER筒夾夾持，請您在選購時認準ER筒夾內徑。
■本刀體的攻牙器頭部采用了浮動設計，攻螺紋時的扭距可通過內部鋼珠傳遞。
■本刀柄主要用于中心機和CNC銑床攻牙。
■Clamped with ER spring collect, please check the inn size of ER collet when you choose.
■The tapping head of this holder designed with floating tap, the tapping torque is transmitted through the ball inside the floating tap holder.
■Mainly used on machine centers and CNC milling machines.

TPG/TPM

BT-TPG Rigid Tapping Chuck
BT-TPG剛性攻牙刀柄

NEW





型號 Specification		D	L	G	適用筒夾 Suit collet	L型扳手 Wrench	攻牙能力 Tapping capacity	重量 Weight
BT30-	TPG312	44	65	M8X1P	TPE312	L06	M3-M12	0.73
	TPG1024	56	85	M10X1P	TPE1024	L08	M10-M24	0.89
BT40-	TPG312	44	65	M8X1P	TPE312	L06	M3-M12	1.23
	TPG1024	56	75	M10X1P	TPE1024	L08	M10-M24	1.39
BT50-	TPG312	44	80	M8X1P	TPE312	L06	M3-M12	3.88
	TPG1024	56	80	M10X1P	TPE1024	L08	M10-M24	4.09

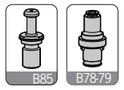
注：筒夾需單獨訂購。
Notice: Collets shall be ordered separately.

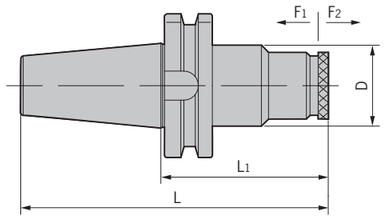
特點 / Feature

■適用于高精度同步數控加工。
■由主軸中心提供內冷却。
■爲達到高速攻絲的剛性設計。
■短型且緊凑的設計。

■For high precision tapping;
■With internal coolant hole;
■Design for high speed and rigid tapping;
■Short and compact design.

BT-TPM Tapping Chuck With High Rigidity
BT-TPM扭力伸縮攻牙刀柄





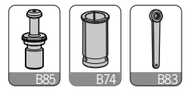
型號 Specification		D	F_1	F_2	L_1	L	適用筒夾 Suit collet	攻牙能力 Tapping capacity	重量 Weight
BT30-	TPM316	50	10	20	111.6	162	TPD316	M3-M16	0.75
	TPM830	66	10	25	148.6	199	TPD830	M8-M30	0.80
BT40-	TPM316	50	10	20	101	168	TPD316	M3-M16	1.56
	TPM830	66	10	25	141	208	TPD830	M8-M30	2.62
BT50-	TPM316	50	10	20	118	222.8	TPD316	M3-M16	4.24
	TPM830	66	10	25	130.2	235	TPD830	M8-M30	4.77

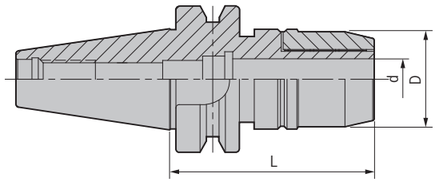
注：筒夾需單獨訂購。
Notice: Collets shall be ordered separately.

HPM

BT-HPM High Speed Milling Chuck
BT-HPM高速精密强力銑刀夾頭

MAX 30,000 min^{-1}





型號 Specification		範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
BT30-	HPM16-70	3-16	46	16	70	SC16	1.40
	HPM20-75	6-20	55	20	75	SC20	1.80
BT40-	HPM16-70	3-16	46	16	70	SC16	1.60
	HPM16-105	3-16	46	16	105	SC16	1.80
	HPM16-135	3-16	46	16	135	SC16	2.30
	HPM20-80	6-20	55	20	80	SC20	2.40
	HPM20-105	6-20	55	20	105	SC20	2.50
	HPM20-135	6-20	55	20	135	SC20	2.80
	HPM32-105	6-32	68	32	105	SC32	2.80
	HPM32-135	6-32	68	32	135	SC32	3.00
BT50-	HPM16-90	3-16	46	16	90	SC16	3.90
	HPM16-110	3-16	46	16	110	SC16	4.10
	HPM16-135	3-16	46	16	135	SC16	4.30
	HPM16-150	3-16	46	16	150	SC16	4.50
	HPM20-105	6-20	55	20	105	SC20	4.50
	HPM20-135	6-20	55	20	135	SC20	4.70
	HPM20-150	6-20	55	20	150	SC20	4.90
	HPM32-110	6-32	68	32	110	SC32	5.20
	HPM32-135	6-32	68	32	135	SC32	5.90
	HPM32-165	6-32	68	32	165	SC32	6.60

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet is to be ordered separately.

特點 / Feature

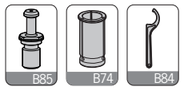
■動平衡設定: G2.5； 20,000 rpm。
■3D處徑向跳動0.02 mm。

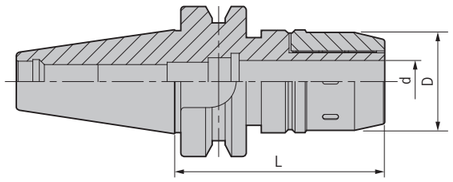
■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.02 mm.

HPC

BT-HPC High-speed Milling Chuck
BT-HPC高速精密强力銑刀夾頭

MAX 30,000 min⁻¹





型號 Specification		範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
BT30-	HPC16-70	3-16	46	16	70	SC16	1.40
	HPC20-75	6-20	51.5	20	75	SC20	1.80
BT40-	HPC16-70	3-16	46	16	70	SC16	1.60
	HPC16-105	3-16	46	16	105	SC16	1.80
	HPC16-135	3-16	46	16	135	SC16	2.30
	HPC20-80	6-20	51.5	20	80	SC20	2.40
	HPC20-105	6-20	51.5	20	105	SC20	2.50
	HPC20-135	6-20	51.5	20	135	SC20	2.80
	HPC32-105	6-32	70.5	32	105	SC32	2.80
	HPC32-135	6-32	70.5	32	135	SC32	3.00
BT50-	HPC16-90	3-16	46	16	90	SC16	3.90
	HPC16-110	3-16	46	16	110	SC16	4.10
	HPC16-135	3-16	46	16	135	SC16	4.30
	HPC16-150	3-16	46	16	150	SC16	4.50
	HPC20-105	6-20	51.5	20	105	SC20	4.50
	HPC20-135	6-20	51.5	20	135	SC20	4.70
	HPC20-150	6-20	51.5	20	150	SC20	4.90
	HPC32-110	6-32	70.5	32	110	SC32	5.20
	HPC32-135	6-32	70.5	32	135	SC32	5.90
	HPC32-165	6-32	70.5	32	165	SC32	6.60

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet is to be ordered separately.

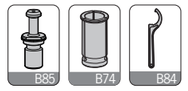
特點 / Feature

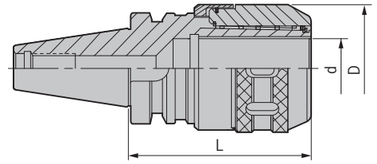
■動平衡設定: G6.3；15,000 rpm。
■3D處徑向跳動0.02 mm。

■Balanced: G6.3; 15,000 rpm;
■Runout (X3D): < 0.02 mm.

MLC

BT-MLC Power Milling Chuck For Heavy Duty
BT-MLC强力筒夾本體





型號 Specification		範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
BT30-	MLC20-75	6-20	51.5	20	75	SC20	1.59
	MLC20-100	6-20	51.5	20	100	SC20	1.73
BT40-	MLC20-80	6-20	51.5	20	80	SC20	1.85
	MLC20-100	6-20	51.5	20	100	SC20	2.11
	MLC20-135	6-20	51.5	20	135	SC32	2.65
	MLC32-105	6-32	70.5	32	105	SC32	2.28
	MLC32-135	6-32	70.5	32	135	SC32	2.87
BT50-	MLC20-105	6-20	51.5	20	105	SC20	4.30
	MLC20-150	6-20	51.5	20	150	SC20	5.83
	MLC32-110	6-32	70.5	32	110	SC32	4.52
	MLC32-135	6-32	70.5	32	135	SC32	5.44
	MLC32-165	6-32	70.5	32	165	SC32	6.19
	MLC32-200	6-32	70.5	32	200	SC32	6.95
	MLC42-115	6-42	86	42	115	SC42	5.50
	MLC42-135	6-42	86	42	135	SC42	6.43
	MLC42-165	6-42	86	42	165	SC42	7.65

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特點 / Feature

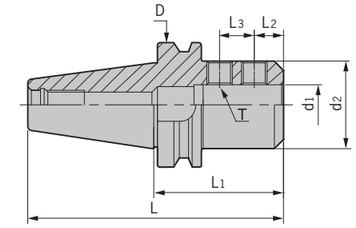
■刀柄采用四組220根針狀滾針經特殊排列而成。
■端面鎖緊增强了本體鋼性强度。
■立銑刀無振動無滑移實現了最大能力範圍的重銑削加工，跳動精度0.02mm。
■The tool holder uses four special layers with 220 pieces bearing arranged in particular.
■ It can reduce the locking resistanced and also show best performance on heavy cutting.
■The usual length of power milling chuck show that the highest runout accuracy can reach to 0.02mm.

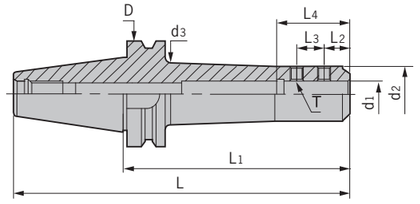
BT-MLC Power Chuck Kit
BT-MLC强力筒夾本體套裝組

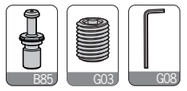
型號 Specification		筒夾 Collet	數量 PCS/SET	重量 Weight
BT40-	MLC20-100-5PCS	SC20-6,8,10,12,16	5	7.30
	MLC32-105-7PCS	SC32-6,8,10,12,16,20,25	7	7.80
BT50-	MLC20-105-5PCS	SC20-6,8,10,12,16	5	7.50
	MLC32-110-7PCS	SC32-6,8,10,12,16,20,25	7	8.40
	MLC42-115-8PCS	SC42-6,8,10,12,16,20,25,32	8	11.40

SLN

BT-SLN Side-lock Holder
BT-SLN側固式刀柄







	型號 Specification	圖示 Figure	D	d1	d2	d3	L1	L2	L3	L	側面壓緊螺釘 Side-lock screw	重量 Weight
BT30-	SLN6-60	A	46	6	25	-	60	18	-	108.4	M060U080	0.55
	SLN8-60	A	46	8	28	-	60	18	-	108.4	M080U100	0.60
	SLN10-60	A	46	10	35	-	60	20	-	108.4	M100U120	0.70
	SLN12-60	A	46	12	42	-	60	22.5	-	108.4	M120U140	0.75
	SLN16-75	A	46	16	48	-	75	24	-	123.4	M140U160	1.05
	SLN20-75	A	46	20	52	-	75	25	-	123.4	M160U160	1.10
	SLN25-90	A	46	25	65	-	90	24	25	138.4	M180Z180P	1.70
BT40-	SLN6-50	A	63	6	25	-	50	18	-	115.4	M060U080	1.10
	SLN6-100	A	63	6	25	-	100	12	10	165.4	M060U080	1.40
	SLN8-50	A	63	8	28	-	50	18	-	115.4	M080U100	1.10
	SLN8-100	A	63	8	28	-	100	14	12	165.4	M080U100	1.42
	SLN10-63	A	63	10	35	-	63	20	-	128.4	M100U100	1.25
	SLN10-100	A	63	10	35	-	100	15	14	165.4	M100U120	1.45
	SLN12-63	A	63	12	42	-	63	22.5	-	128.4	M120U140	1.26
	SLN12-100	A	63	12	42	-	100	20	16	165.4	M120U140	1.50
	SLN16-63	A	63	16	48	-	63	24	-	128.4	M140U160	1.31
	SLN16-100	A	63	16	48	-	100	22	18	165.4	M140U160	1.52
	SLN20-63	A	63	20	52	-	63	25	-	128.4	M160U160	1.33
	SLN20-100	A	63	20	52	-	100	25	20	165.4	M160U160	1.60
	SLN25-100	A	63	25	65	-	100	24	25	165.4	M180Z180P	2.32
	SLN32-100	A	63	32	72	-	100	24	28	165.4	M200Z180P	3.80

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See next page

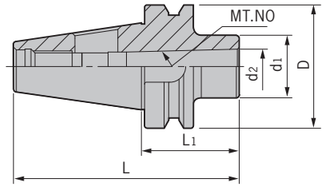
SLN
BT-SLN Side-lock Holder
BT-SLN側固式刀柄

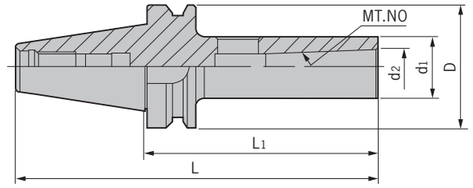
	型號 Specification	圖示 Figure	D	d1	d2	d3	L1	L2	L3	L	側面壓緊螺釘 Side-lock screw	重量 Weight
BT50-	SLN6-63	A	100	6	25	-	63	18	-	164.8	M060U080	3.80
	SLN6-100	A	100	6	25	-	100	12	10	201.8	M060U080	4.20
	SLN8-63	A	100	8	28	-	63	18	-	164.8	M080U100	3.80
	SLN8-100	A	100	8	28	-	100	14	12	201.8	M080U100	4.22
	SLN10-63	A	100	10	35	-	63	18	-	164.8	M100U100	3.80
	SLN10-100	A	100	10	35	-	100	15	14	201.8	M100U120	4.25
	SLN12-80	A	100	12	42	-	80	22.5	-	181.8	M120U140	3.99
	SLN12-125	A	100	12	42	-	125	20	16	226.8	M120U140	5.00
	SLN16-80	A	100	16	48	-	80	24	-	181.8	M140U160	4.03
	SLN16-125	A	100	16	48	-	125	22	18	226.8	M140U160	5.20
	SLN16-165L	B	100	16	48	53	165	22	18	266.8	M140U160	6.30
	SLN20-80	A	100	20	52	-	80	25	-	181.8	M160U160	4.03
	SLN20-125	A	100	20	52	-	125	25	20	226.8	M160U160	5.30
	SLN20-165L	B	100	20	52	57	165	25	20	266.8	M160U160	6.35
	SLN20-210L	B	100	20	52	59	210	25	20	316.8	M160U160	7.25
	SLN25-100	A	100	25	65	-	100	24	25	201.8	M180Z180P	4.62
	SLN25-165L	B	100	25	65	70	165	24	25	266.8	M180Z180P	6.63
	SLN25-210L	B	100	25	65	70	210	24	25	311.8	M180Z180P	7.30
	SLN32-105	A	100	32	72	-	105	24	28	206.8	M200Z180P	4.80
	SLN32-165L	B	100	32	72	77	165	24	28	266.8	M200Z180P	6.70
	SLN32-210L	B	100	32	72	77	210	24	28	311.8	M200Z180P	7.50
	SLN40-115	A	100	40	90	-	115	30	32	216.8	M200Z180P	5.42
	SLN42-120	A	100	42	90	-	120	30	32	221.8	M200Z180P	6.14
	SLN42-210L	B	100	42	90	95	210	30	32	311.8	M200Z180P	7.23
	SLN50-120	A	100	50	90	-	120	35	35	221.8	M200Z180P	5.65
	SLN50.8-120	A	100	50.8	90	-	120	33	34.54	221.8	M200Z180P	5.58

注：扳手需單獨訂購。
Notice: Wrenchs shall be ordered separately.

MTA

BT-MTA Morse Taper Holder
BT-MTA莫氏錐套刀柄（鑽頭套筒）

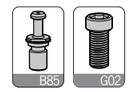


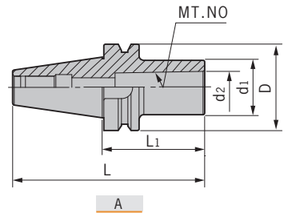


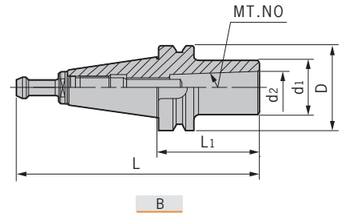
型號 Specification		莫氏錐度 MT.NO	D	d_1	d_2	L_1	L	重量 Weight
BT30-	MTA1-45	1	46	25	12.065	45	93.4	0.55
	MTA1-105	1	46	25	12.065	105	153.4	0.80
	MTA2-60	2	46	32	17.780	60	108.4	0.60
	MTA2-120	2	46	32	17.780	120	168.4	0.90
	MTA3-80	3	46	40	23.825	80	128.4	0.80
BT40-	MTA1-45	1	63	25	12.065	45	110.4	1.05
	MTA1-120	1	63	25	12.065	120	185.4	1.28
	MTA2-50	2	63	32	17.780	50	115.4	1.00
	MTA2-120	2	63	32	17.780	120	185.4	1.41
	MTA3-70	3	63	40	23.825	70	135.4	1.13
	MTA3-135	3	63	40	23.825	135	200.4	1.75
	MTA4-95	4	63	48	31.267	95	160.4	1.35
	MTA4-165	4	63	48	31.267	165	230.4	2.30
BT50-	MTA1-45	1	100	25	12.065	45	146.8	3.59
	MTA1-120	1	100	25	12.065	120	221.8	3.88
	MTA1-180	1	100	25	12.065	180	281.8	4.12
	MTA2-60	2	100	32	17.780	60	161.8	3.64
	MTA2-135	2	100	32	17.780	135	236.8	4.17
	MTA2-180	2	100	32	17.780	180	281.8	4.39
	MTA3-65	3	100	40	23.825	65	166.8	3.60
	MTA3-150	3	100	40	23.825	150	251.8	4.40
	MTA3-180	3	100	40	23.825	180	281.8	4.73
	MTA4-95	4	100	48	31.267	95	196.8	3.88
	MTA4-180	4	100	48	31.267	180	281.8	5.00
	MTA5-105	5	100	63	44.399	105	206.8	3.74

MTB/SPU

BT-MTB Morse Taper Holder
BT-MTB莫氏錐套刀柄（螺絲鎖緊）



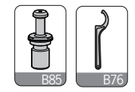


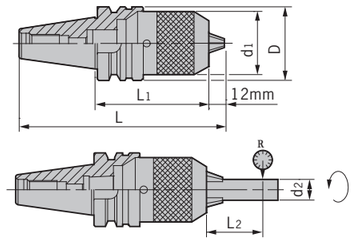


型號 Specification		莫氏錐度 MT.NO	圖示 Figure	D	d_1	d_2	L_1	L	拉緊螺釘 Tension screw	範圍 Range	重量 Weight
BT30-	MTB1-45	1	A	46	25	12.065	45	93.4	E060U160	Φ10-Φ14	0.55
	MTB2-60	2	B	46	32	17.780	60	108.4	BT30-45-MT2	Φ16-Φ22	0.60
BT40-	MTB1-45	1	A	63	25	12.065	45	110.4	E060U160	Φ10-Φ14	1.00
	MTB2-50	2	A	63	32	17.780	50	115.4	E100U300-MTB	Φ16-Φ22	1.02
	MTB3-75	3	B	63	40	23.825	75	140.4	BT40-45-MT3	Φ24-Φ32	1.19
	MTB4-90	4	B	63	48	31.267	90	155.4	BT40-45-MT4	Φ32-Φ50	1.33
BT50-	MTB1-45	1	A	100	25	12.065	45	146.8	E060U250	Φ10-Φ14	3.30
	MTB2-45	2	A	100	32	17.780	45	151.8	E100U350	Φ16-Φ22	3.57
	MTB3-60	3	A	100	40	23.825	60	161.8	E120U400	Φ24-Φ32	3.61
	MTB4-75	4	A	100	50	31.267	75	176.8	E160U400-MTB	Φ32-Φ50	3.68
	MTB5-120	5	B	100	70	44.399	120	221.8	BT50-45-MT5	Φ55-Φ60	4.10

注：報價時含拉緊拉釘。
Notice:Tension screw is included.

BT-SPU Drill Chuck Holder
BT-SPU直結式鑽夾頭刀柄



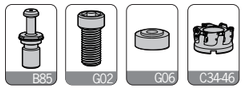


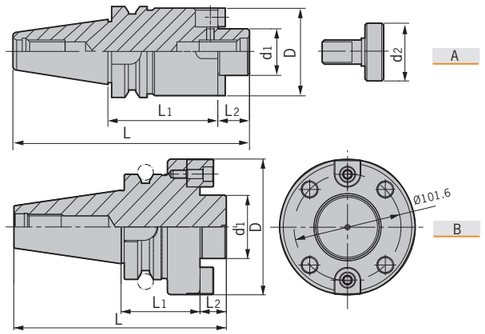
型號 Specification		D	d_1	d_2	L_1	L_2	L	偏擺精度 R	夾持範圍 Range	重量 Weight
BT30-	SPU8-80	46	37	8	80	55	137.4	0.04	0-8	0.72
	SPU13-110	46	50	13	110	75	170.4	0.04	0.3-13	1.62
	SPU16-120	46	57	16	120	80	180.4	0.04	3-16	1.70
BT40-	SPU8-85	63	37	8	85	55	159.4	0.04	0-8	1.36
	SPU13-100	63	50	13	100	75	177.4	0.04	0.3-13	1.76
	SPU13-130	63	50	13	130	75	207.4	0.04	0.3-13	2.47
	SPU16-105	63	57	16	105	80	187.4	0.04	3-16	2.18
BT50-	SPU8-90	100	37	8	90	55	200.4	0.04	0-8	4.32
	SPU13-100	100	50	13	100	75	213.4	0.04	0.3-13	4.98
	SPU13-130	100	50	13	130	75	243.4	0.04	0.3-13	5.50
	SPU13-180	100	50	13	180	75	293.4	0.04	0.3-13	6.06
	SPU16-105	100	57	16	105	80	223.4	0.04	3-16	4.78
	SPU16-130	100	57	16	130	80	248.4	0.04	3-16	5.24
	SPU16-190	100	57	16	190	80	308.8	0.04	3-16	6.66

注：報價時含扳手。
Notice:Wrench is included.

FMA

BT-FMA Face Mill Holder
BT-FMA平面銑刀柄（直柄式）

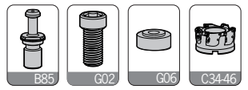


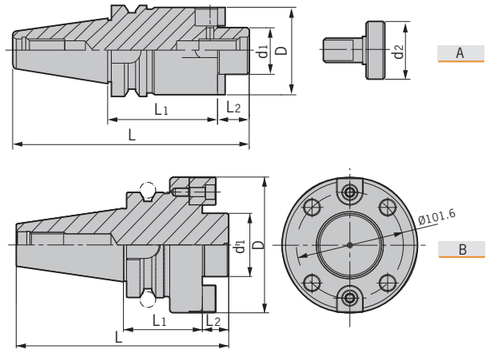


型號 Specification		圖示 Figure	D	d1	d2	L1	L2	L	刀盤鎖緊螺釘 Locking screw for cutter	墊圈 Washer	重量 Weight
BT30-	FMA25.4-45	A	50	25.40	31.5	45	20	113.4	E120U300	-	1.10
	FMA25.4-60	A	50	25.40	31.5	60	20	128.4	E120U300	-	1.30
	FMA31.75-45	A	60	31.75	40	45	22	115.4	E160U350	-	1.35
BT40-	FMA25.4-45	A	50	25.40	31.5	45	20	130.4	E120U300	-	1.54
	FMA25.4-60	A	50	25.40	31.5	60	20	145.4	E120U300	-	1.77
	FMA25.4-90	A	50	25.40	31.5	90	20	175.4	E120U300	-	2.23
	FMA25.4-105	A	50	25.40	31.5	105	20	190.4	E120U300	-	2.47
	FMA31.75-45	A	60	31.75	40	45	22	132.4	E160U350	FM-2	1.65
	FMA31.75-75	A	60	31.75	40	75	22	162.4	E160U350	FM-2	2.31
	FMA31.75-90	A	60	31.75	40	90	22	177.4	E160U350	FM-2	2.64
	FMA38.10-60	A	75	38.10	50	60	25	150.4	E160U350	FM-3	2.36
	FMA50.80-60	A	95	50.80	65	60	36	161.4	E160U350	-	3.50
BT50-	FMA25.4-45	A	50	25.40	31.5	45	20	166.8	E120U300	-	3.87
	FMA25.4-90	A	50	25.40	31.5	90	20	211.8	E120U300	-	4.54
	FMA25.4-150	A	50	25.40	31.5	150	20	271.8	E120U300	-	5.47
	FMA31.75-45	A	60	31.75	40	45	22	168.8	E160Z350-40	-	4.04
	FMA31.75-75	A	60	31.75	40	75	22	198.8	E160Z350-40	-	4.72
	FMA31.75-105	A	98	31.75	40	105	22	228.8	E160Z350-40	-	7.19
	FMA38.10-45	A	80	38.10	50	45	25	171.8	E160Z350-50	-	4.27
	FMA38.10-75	A	80	38.10	50	75	25	201.8	E160Z350-50	-	5.48
	FMA50.80-45	A	95	50.80	65	45	36	182.8	E240Z350-65	-	4.74
	FMA50.80-75	A	95	50.80	65	75	36	212.8	E240Z350-65	-	6.35
	FMA47.625F-75	B	128.75	47.625	-	75	32	208.8	E160U500	-	7.60

FMB

BT-FMB Face Mill Holder
BT-FMB平面銑刀柄（直柄式）

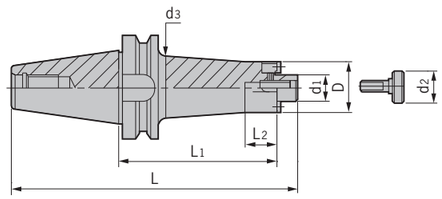




型號 Specification		圖示 Figure	D	d1	d2	L1	L2	L	刀盤鎖緊螺釘 Locking screw for cutter	墊圈 Washer	重量 Weight
BT30-	FMB22-45	A	48	22	16	45	18	111.4	E100U300	-	0.85
	FMB22-60	A	48	22	16	60	18	126.4	E100U300	-	1.25
	FMB27-45	A	60	27	33	45	20	113.4	E120U300	FM-1	1.20
	FMB27-60	A	60	27	33	60	20	128.4	E120U300	FM-1	1.35
	FMB32-45	A	78	32	40	45	22	115.4	E160U350	-	1.35
BT40-	FMB22-45	A	48	22	16	45	18	128.4	E100U300	-	1.31
	FMB22-60	A	48	22	16	60	18	143.4	E100U300	-	1.51
	FMB22-90	A	48	22	16	90	18	173.4	E100U300	-	1.94
	FMB22-150	A	48	22	16	150	18	233.4	E100U300	-	2.70
	FMB22-200	A	48	22	16	200	18	283.4	E100U300	-	3.43
	FMB27-45	A	60	27	33	45	20	130.4	E120U300	FM-1	1.52
	FMB27-60	A	60	27	33	60	20	145.4	E120U300	FM-1	1.86
	FMB27-90	A	60	27	33	90	20	175.4	E120U300	FM-1	2.51
	FMB27-105	A	60	27	33	105	20	190.4	E120U300	FM-1	2.86
	FMB32-45	A	78	32	40	45	22	132.4	E160U350	FM-2	1.87
	FMB32-60	A	78	32	40	60	22	147.4	E160U350	FM-2	2.32
	FMB40-60	A	85	40	50	60	25	150.4	E200U350	FM-3	2.47
BT50-	FMB22-45	A	48	22	16	45	18	164.8	E100U300	-	3.79
	FMB22-90	A	48	22	16	90	18	209.8	E100U300	-	4.53
	FMB22-150	A	48	22	16	150	18	269.8	E100U300	-	5.27
	FMB22-200	A	48	22	16	200	18	319.8	E100U300	-	5.97
	FMB22-250	A	48	22	16	250	18	369.8	E100U300	-	6.69
	FMB22-300	A	48	22	16	300	18	419.8	E100U300	-	7.42
	FMB22-350	A	48	22	16	350	18	469.8	E100U300	-	8.13
	FMB22-400	A	48	22	16	400	18	519.8	E100U300	-	8.83
	FMB27-50	A	60	27	33	50	20	171.8	E120U300	FM-1	4.04
	FMB27-90	A	60	27	33	90	20	211.8	E120U300	FM-1	4.94
	FMB27-150	A	60	27	33	150	20	271.8	E120U300	FM-1	6.25
	FMB27-200	A	60	27	33	200	20	321.8	E120U300	FM-1	7.37
	FMB27-250	A	60	27	33	250	20	371.8	E120U300	FM-1	8.51
	FMB32-50	A	78	32	40	50	22	173.8	E160Z350-40	-	4.40
	FMB32-90	A	78	32	40	90	22	213.8	E160Z350-40	-	5.79
	FMB32-150	A	78	32	40	150	22	273.8	E160Z350-40	-	7.10
	FMB40-50	A	85	40	50	50	25	176.8	E200Z350-50	-	4.57
	FMB40-90	A	85	40	50	90	25	216.8	E200Z350-50	-	6.45
	FMB40-105	A	85	40	50	105	25	231.8	E200Z350-50	-	7.02
	FMB60F-75	B	140	60	-	75	25	201.8	E160U500	-	8.00

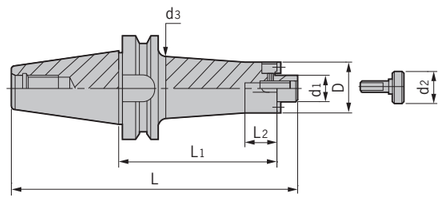
FMA/FMB

BT-FMA-BG Face Mill Holder With Extra Taper Shank
BT-FMA-BG平面銑刀柄（加長斜度柄）



型號 Specification		D	d1	d2	d3	L1	L2	L	刀盤鎖緊螺釘 Locking screw for cutter	重量 Weight
BT50-	FMA25.4-125BG	48	25.4	31.5	60	125	30	246.8	E120U300	5.60
	FMA25.4-150BG	48	25.4	31.5	60	150	30	271.8	E120U300	6.20
	FMA25.4-200BG	58	25.4	31.5	62.5	200	30	321.8	E120U300	7.50
	FMA25.4-250BG	58	25.4	31.5	62.5	250	30	371.8	E120U300	8.40
	FMA25.4-300BG	58	25.4	31.5	62.5	300	30	421.8	E120U300	9.40
	FMA25.4-350BG	58	25.4	31.5	62.5	350	30	471.8	E120U300	9.70
	FMA25.4-400BG	58	25.4	31.5	62.5	400	30	521.8	E120U300	10.50
	FMA31.75-125BG	70	31.75	40	75	125	30	248.8	E160Z500-40	5.60
	FMA31.75-150BG	70	31.75	40	75	150	30	273.8	E160Z500-40	6.30
	FMA31.75-175BG	70	31.75	40	75	175	30	298.8	E160Z500-40	8.30
	FMA31.75-200BG	70	31.75	40	75	200	30	323.8	E160Z500-40	9.10
	FMA31.75-250BG	70	31.75	40	75	250	30	373.8	E160Z500-40	10.60
	FMA31.75-300BG	70	31.75	40	75	300	30	423.8	E160Z500-40	12.10
	FMA31.75-350BG	70	31.75	40	75	350	30	473.8	E160Z500-40	13.60

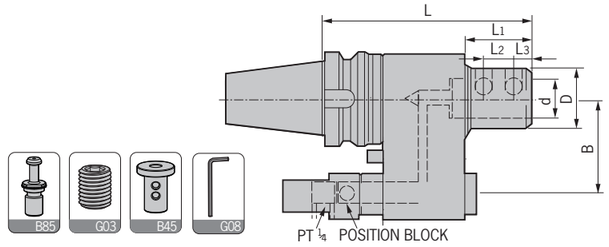
BT-FMB-BG Face Mill Holder With Extra Taper Shank
BT-FMB-BG平面銑刀柄（加長斜度柄）



型號 Specification		D	d1	d2	d3	L1	L2	L	刀盤鎖緊螺釘 Locking screw for cutter	重量 Weight
BT40-	FMB22-150BG	48	22	16	50	150	30	233.4	E100U300	2.83
	FMB22-200BG	48	22	16	50	200	30	283.4	E100U300	3.57
	FMB22-250BG	48	22	16	50	250	30	333.4	E100U300	4.29
	FMB22-300BG	48	22	16	50	300	30	383.4	E100U300	5.04
	FMB22-350BG	48	22	16	50	350	30	433.4	E100U300	5.79
	FMB22-400BG	48	22	16	50	400	30	483.4	E100U300	6.58
BT50-	FMB22-150BG	58	22	16	62.5	150	58	269.8	E100U300	6.17
	FMB22-200BG	58	22	16	62.5	200	58	319.8	E100U300	7.28
	FMB22-250BG	58	22	16	62.5	250	58	369.8	E100U300	8.41
	FMB22-300BG	58	22	16	62.5	300	58	419.8	E100U300	9.55
	FMB22-350BG	58	22	16	62.5	350	78	469.8	E100U300	10.72
	FMB22-400BG	58	22	16	62.5	400	78	519.8	E100U300	11.92
	FMB22-450BG	58	22	16	62.5	450	78	569.8	E100U300	13.20
	FMB22-500BG	58	22	16	62.5	500	78	619.8	E100U300	14.36

SLO/CSO/PB

BT-SLO Oil-feed Holder
BT-SLO油路刀柄

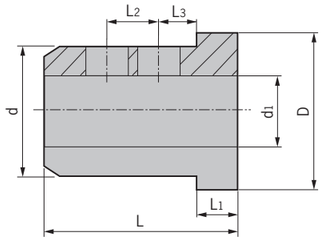


型號 Specification		D	d	L1	L2	L3	L	B	側面壓緊螺釘 Side-lock screw	扳手 Wrench	重量 Weight
BT40-	SL032-150	72	32	50	15	15	150	60/65	M120U200	L06D	5.33/5.35
	SL040-150	72	40	50	18	19	150	60/65	M140U160	L08D	5.04/5.07
BT50-	SL032-160	72	32	50	15	15	160	80/82	M120U200	L06D	8.63/8.65
	SL040-160	72	40	50	18	19	160	80/82	M140U160	L08D	8.33/8.35

注：報價時含扳手，請于訂購時，依據機臺規格確認中心距離B的尺寸。
Notice:1.Wrench is included; 2.Before order please check the distance B.

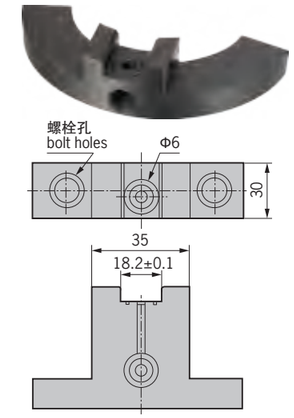
CSO Reducing Sleeve
CSO油路刀套

型號 Specification		D	d	d1	L1	L2	L3	L	重量 Weight
CSO	32-16	53	32	16	10	15	15	65	0.40
	32-20	53	32	20	10	15	15	65	0.35
	32-25	53	32	25	10	15	15	65	0.26
	40-16	63	40	16	10	18	19	75	0.74
	40-20	63	40	20	10	18	19	75	0.68
	40-25	63	40	25	10	18	19	75	0.59
	40-32	63	40	32	10	18	19	75	0.41



PB Oil-feed Holder Positioning Block
PB油路止動塊

型號 Specification	重量 Weight
BT40-PB30-35	0.53
BT50-PB30-35	0.46



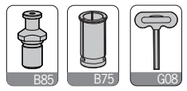
注意：在使用油路刀柄時，止動塊是必需的配套附件。
止動塊可安裝到ATC等機器上。因此，隨着越來越多的不同型號的機器，有必要與機械制造商協商正確安裝。
Notice:Using oil-feed holder, positioning block illustrated here is necessary.
This positioning block can be mounted to different machines. As the mounting differs with different machines, it is necessary to consult the machine manufacturer about the proper mounting.

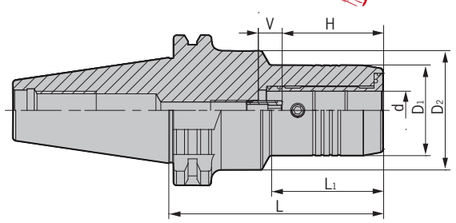
DHP

SK-DHP Hydraulic Chuck
SK-DHP 液壓刀柄

NEW

MAX 30,000 min⁻¹





型號 Specification		d	D1	D2	L1	L	H	V	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
SK30-	DHP6-65	6	28	50	23	65	27.5	10	M5X0.8	-	T04	1.26
	DHP6-80.5	6	28	50	44	80.5	27.5	10	M5X0.8	-	T04	1.35
	DHP6-110	6	28	50	44	110	27.5	10	M5X0.8	-	T04	1.77
	DHP8-65	8	30	50	23	65	27.5	10	M6X1.0	-	T04	1.26
	DHP8-80.5	8	30	50	44	80.5	27.5	10	M6X1.0	-	T04	1.38
	DHP8-110	8	30	50	44	110	27.5	10	M6X1.0	-	T04	1.84
	DHP10-65	10	32	50	23	65	32.5	10	M6X1.0	-	T04	1.28
	DHP10-80.5	10	32	50	44	80.5	32.5	10	M6X1.0	-	T04	1.40
SK40-	DHP10-110	10	32	50	44	110	32.5	10	M6X1.0	-	T04	1.95
	DHP12-65	12	34	50	23	65	37.5	10	M6X1.0	D12/OD12	T04	1.28
	DHP12-80.5	12	34	50	44	80.5	37.5	10	M6X1.0	D12/OD12	T04	1.45
	DHP12-110	12	34	50	44	110	37.5	10	M6X1.0	D12/OD12	T04	2.00
	DHP14-75	14	36	50	30	75	37.5	10	M6X1.0	-	T04	1.40
	DHP14-80.5	14	36	50	44	80.5	37.5	10	M6X1.0	-	T04	1.49
	DHP14-110	14	36	50	44	110	37.5	10	M6X1.0	-	T04	2.02
	DHP16-75	16	38	50	30	75	42.5	10	M8X1.0	-	T04	1.44
	DHP16-80.5	16	38	50	48	80.5	42.5	10	M8X1.0	-	T04	1.55
	DHP16-110	16	38	50	48	110	42.5	10	M8X1.0	-	T04	2.21
	DHP18-75	18	41	50	30	75	42.5	10	M8X1.0	-	T04	1.48
	DHP18-80.5	18	41	50	48	80.5	42.5	10	M8X1.0	-	T04	1.58
	DHP18-135	18	41	50	48	110	42.5	10	M8X1.0	-	T04	2.65
	DHP20-75	20	43	50	30	75	42.5	10	M8X1.0	D20/OD20	T04	1.40
	DHP20-80.5	20	43	50	48	80.5	42.5	10	M8X1.0	D20/OD20	T04	1.65
	DHP20-135	20	43	50	48	135	42.5	10	M8X1.0	D20/OD20	T04	2.70
	DHP25-80.5	25	57	66	26	80.5	51	10	M16X1.0	-	T05	2.00
	DHP32-80.5	32	63	80	26	80.5	55	10	M16X1.0	D32/OD32	T05	2.20

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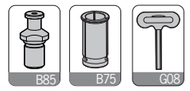
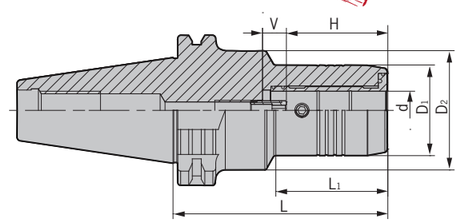
DHP

SK-DHP Hydraulic Chuck
SK-DHP 液壓刀柄

NEW

MAX 30,000 min⁻¹





型號 Specification		d	D1	D2	L1	L	H	V	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
SK50-	DHP6-90	6	28	50	44	90	27.5	10	M5X0.8	-	T04	4.03
	DHP6-140	6	28	50	44	140	27.5	10	M5X0.8	-	T04	4.65
	DHP8-90	8	30	50	44	90	27.5	10	M6X1.0	-	T04	4.06
	DHP8-140	8	30	50	44	140	27.5	10	M6X1.0	-	T04	4.68
	DHP10-90	10	32	50	44	90	32.5	10	M6X1.0	-	T04	4.08
	DHP10-140	10	32	50	44	140	32.5	10	M6X1.0	-	T04	4.71
	DHP12-90	12	34	50	44	90	37.5	10	M6X1.0	D12/OD12	T04	4.09
	DHP12-140	12	34	50	44	140	37.5	10	M6X1.0	D12/OD12	T04	4.73
	DHP14-90	14	36	50	47	90	37.5	10	M6X1.0	-	T04	4.10
	DHP14-140	14	36	50	47	140	37.5	10	M6X1.0	-	T04	4.75
	DHP16-90	16	38	50	48	90	42.5	10	M8X1.0	-	T04	4.12
	DHP16-140	16	38	50	48	140	42.5	10	M8X1.0	-	T04	4.81
	DHP18-90	18	41	50	48	90	42.5	10	M8X1.0	-	T04	4.14
	DHP18-140	18	41	50	48	140	42.5	10	M8X1.0	-	T04	4.85
	DHP20-80.5	20	43	50	44	80.5	42.5	10	M8X1.0	D20/OD20	T04	4.11
	DHP20-90	20	43	50	48	90	42.5	10	M8X1.0	D20/OD20	T04	4.35
	DHP20-110	20	43	50	48	110	42.5	10	M8X1.0	D20/OD20	T04	4.65
	DHP20-140	20	43	50	48	140	42.5	10	M8X1.0	D20/OD20	T04	4.95
	DHP25-105	25	57	-	85.9	105	51	10	M16X1.0	-	T05	4.60
	DHP25-140	25	57	-	120.9	140	51	10	M16X1.0	-	T05	5.40
	DHP32-115	32	63	-	95.9	115	55	10	M16X1.0	D32/OD32	T05	4.85
	DHP32-140	32	63	-	120.9	140	55	10	M16X1.0	D32/OD32	T05	5.67

注：報價含扳手，筒夾需單獨訂購。
Notice:Wrench is included, while collet shall be ordered separately.

特點 / Feature

■DHP刀具系列用途高轉速、高精密切削加工，切削效果佳。
■動平衡設定: G2.5; 20,000 rpm。
■3D處徑向跳動0.003 mm。

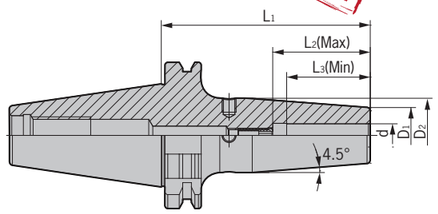
■For high-speed and high precision cutting;
■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.003 mm.

SF

SK-SF Shrink Fit Holder
SK-SF燒結式熱裝刀柄（一體式）

MAX 50,000 min⁻¹

NEW



型號 Specification		d	D1	D2	L1	L2 (Max)	L3 (Min)	重量 Weight
SK30-	SF3-80	3	10	10	80	-	9	0.35
	SF4-80	4	10	10	80	-	12	0.40
	SF5-80	5	10	10	80	-	15	0.43
	SF6-80	6	21	27	80	28	18	0.45
	SF8-80	8	21	27	80	34	24	0.50
	SF10-80	10	24	32	80	40	30	0.55
	SF12-80	12	24	32	80	40	30	0.62
	SF14-80	14	27	34	80	42	32	0.65
	SF16-80	16	27	34	80	42	32	0.68
	SF18-80	18	33	42	80	50	40	0.71
	SF20-90	20	33	42	90	50	40	0.75
SK40-	SF3-90	3	10	10	90	-	9	1.00
	SF4-90	4	10	10	90	-	12	1.10
	SF5-90	5	10	10	90	-	15	1.00
	SF6-90	6	21	27	90	28	18	1.15
	SF6-130	6	21	27	130	28	18	1.20
	SF6-160	6	21	27	160	28	18	1.40
	SF6-200	6	21	27	200	28	18	1.90
	SF8-90	8	21	27	90	34	24	1.15
	SF8-130	8	21	27	130	34	24	1.30
	SF8-160	8	21	27	160	34	24	1.50
	SF8-200	8	21	27	200	34	24	1.90
	SF10-90	10	24	32	90	40	30	1.20
	SF10-130	10	24	32	130	40	30	1.50
	SF10-160	10	24	32	160	40	30	1.80
	SF10-200	10	24	32	200	40	30	1.90
	SF12-90	12	24	32	90	40	30	1.30
	SF12-130	12	24	32	130	40	30	1.60
	SF12-160	12	24	32	160	40	30	1.80
	SF12-200	12	24	32	200	40	30	2.00
	SF14-90	14	27	34	90	42	32	1.30
	SF14-130	14	27	34	130	42	32	1.60
	SF14-160	14	27	34	160	42	32	1.80
	SF14-200	14	27	34	200	42	32	2.00
	SF16-90	16	27	34	90	42	32	1.40
	SF16-130	16	27	34	130	42	32	1.70
	SF16-160	16	27	34	160	42	32	1.95
	SF16-200	16	27	34	200	42	32	2.20

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SF
SK-SF Shrink Fit Holder
SK-SF燒結式熱裝刀柄（一體式）

型號 Specification		d	D1	D2	L1	L2 (Max)	L3 (Min)	重量 Weight
SK40-	SF18-90	18	33	42	90	50	40	1.50
	SF18-130	18	33	42	130	50	40	1.80
	SF18-160	18	33	42	160	50	40	2.00
	SF18-200	18	33	42	200	50	40	2.30
	SF20-90	20	33	42	90	50	40	1.55
	SF20-130	20	33	42	130	50	40	1.85
	SF20-160	20	33	42	160	50	40	2.05
	SF20-200	20	33	42	200	50	40	2.35
	SF25-100	25	44	53	100	55	45	1.65
	SF25-130	25	44	53	130	55	45	1.90
	SF25-160	25	44	53	160	55	45	2.20
	SF25-200	25	44	53	200	55	45	2.50
	SF32-100	32	44	53	100	60	50	2.00
	SF32-130	32	44	53	130	60	50	2.30
	SF32-160	32	44	53	160	60	50	2.60
SK50-	SF6-100	6	21	27	100	28	18	3.70
	SF6-130	6	21	27	130	28	18	3.80
	SF6-160	6	21	27	160	28	18	3.88
	SF6-200	6	21	27	200	28	18	4.00
	SF8-100	8	21	27	100	34	24	3.60
	SF8-130	8	21	27	130	34	24	3.70
	SF8-160	8	21	27	160	34	24	3.90
	SF8-200	8	21	27	200	34	24	4.00
	SF10-100	10	24	32	100	40	30	3.65
	SF10-130	10	24	32	130	40	30	3.78
	SF10-160	10	24	32	160	40	30	4.00
	SF10-200	10	24	32	200	40	30	4.15
	SF12-100	12	24	32	100	40	30	3.70
	SF12-130	12	24	32	130	40	30	3.80
	SF12-160	12	24	32	160	40	30	4.10
	SF12-200	12	24	32	200	40	30	4.25
	SF14-100	14	27	34	100	42	32	3.70
	SF14-130	14	27	34	130	42	32	3.80
	SF14-160	14	27	34	160	42	32	4.10
	SF14-200	14	27	34	200	42	32	4.25
	SF16-100	16	27	34	100	42	32	3.75
	SF16-130	16	27	34	130	42	32	3.88
	SF16-160	16	27	34	160	42	32	4.20
	SF16-200	16	27	34	200	42	32	4.50
	SF18-100	18	33	42	100	50	40	3.75
	SF18-130	18	33	42	130	50	40	3.88
	SF18-160	18	33	42	160	50	40	4.20
	SF18-200	18	33	42	200	50	40	4.50

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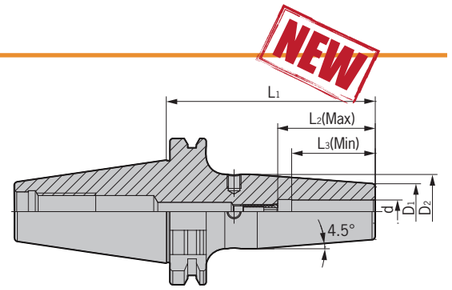
SF/DSF

SK-SF Shrink Fit Holder
SK-SF燒結式熱裝刀柄（一體式）

MAX 50,000 min⁻¹

NEW



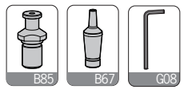
型號 Specification		d	D1	D2	L1	L2 (Max)	L3 (Min)	重量 Weight
SK50-	SF20-100	20	33	42	100	50	40	3.80
	SF20-130	20	33	42	130	50	40	4.00
	SF20-160	20	33	42	160	50	40	4.30
	SF20-200	20	33	42	200	50	40	4.60
	SF25-100	25	44	53	100	55	45	3.82
	SF25-130	25	44	53	130	55	45	4.05
	SF25-160	25	44	53	160	55	45	4.33
	SF25-200	25	44	53	200	55	45	4.65
	SF32-100	32	44	53	100	60	50	4.00
	SF32-130	32	44	53	130	60	50	4.40
	SF32-160	32	44	53	160	60	50	4.70
	SF32-200	32	44	53	200	60	50	5.00

特 點 / Feature

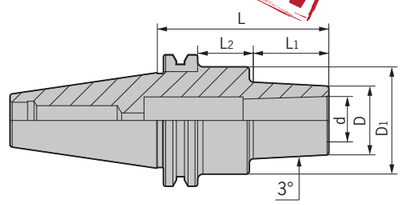
■動平衡設定: G2.5; 25,000 rpm。
■3D處徑向跳動0.003 mm。
■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.003 mm.

SK-DSF Shrink Fit Holder
SK-DSF燒結式熱裝刀柄（分體式）

MAX 50,000 min⁻¹



NEW



型號 Specification		D	D1	d	L1	L2	L	L型扳手 Wrench	重量 Weight
SK40-	DSF12-45	38	-	12	18	-	50	L06	1.10
	DSF12-75	38	-	12	48	-	75	L06	1.40
	DSF12-135	41	-	12	108	-	135	L06	2.20
SK50-	DSF12-75	38	65	12	25	21	75	L06	4.00
	DSF12-105	41	65	12	55	21	105	L06	4.40
	DSF12-135	41	65	12	85	21	135	L06	4.70

注：報價時含扳手。
Notice:Wrench is included.

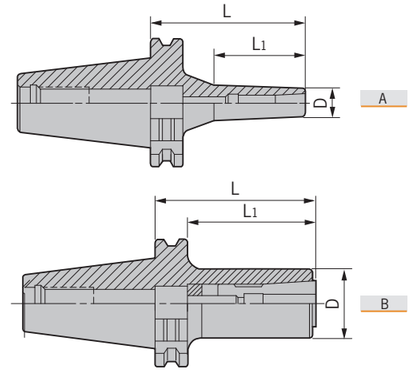
特 點 / Feature

■動平衡設定: G2.5; 25,000 rpm。
■3D處徑向跳動0.003 mm。
■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.003 mm.

DC

SK-DC Precision Slim Collet Chuck
SK-DC小徑精密夾頭本體

MAX 50,000 min⁻¹



型號 Specification		圖示 Figure	D	L1	L	適用筒夾 Suit collet	拉緊螺釘 Tension screw	止動螺母 Stop nut	扳手 Wrench	重量 Weight
SK40-	DC6-90	A	13	45	90	DC6	E050U450	ZD6-2	T04-L	1.05
	DC8-90	A	22	53	90	DC8	E060U600	ZD8-1	T05-L	1.10
	DC10-90	B	28	74	90	DC10	E080U300	ZD10-2	T06-L	1.20
	DC12-90	B	34	74	90	DC12	E100U350	ZD12-1	T08-L	1.28
SK50-	DC10-110	A	28	57	110	DC10	E080U800	ZD12-1	T06-L	4.20
	DC12-110	B	34	94	110	DC12	E100U350	ZD12-1	T08-L	4.70

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included, while collet shall be ordered separately.

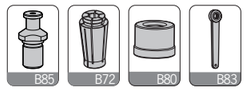
特 點 / Feature

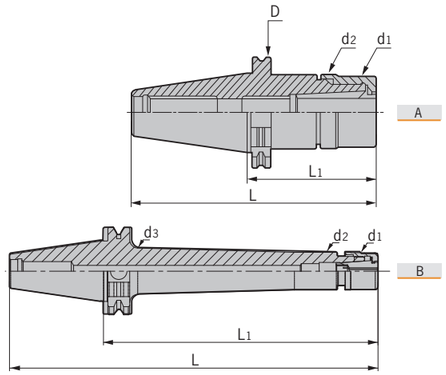
■動平衡設定: G2.5； 30,000 rpm。
■3D處徑向跳動0.003 mm。
■Balanced: G2.5; 30,000 rpm;
■Runout (X3D): < 0.003 mm.

GSK

SK-GSK High Speed Milling Holder
SK-GSK高速精密筒夾本體

MAX 45,000 min⁻¹





型號 Specification		圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
SK30-	GSK6-70	A	50	19.5	20	-	117.8	70	M6x1	DSK6	0.45
	GSK6-100	A	50	19.5	20	-	147.8	100	M6x1	DSK6	0.64
	GSK10-70	A	50	27	27.5	-	117.8	70	M10x1.5	DSK10	0.46
	GSK10-100	A	50	27	27.5	-	147.8	100	M10x1.5	DSK10	0.70
	GSK16-100	A	50	40	40.5	-	147.8	100	M16x2	DSK16	1.00
	GSK16-120	A	50	40	40.5	-	167.8	120	M16x2	DSK16	1.25
	GSK16-150	A	50	40	40.5	-	197.8	150	M16x2	DSK16	1.35
	GSK20-70	A	50	48	48.5	-	117.8	70	M16x2	DSK20	0.75
	GSK20-100	A	50	48	48.5	-	147.8	100	M16x2	DSK20	1.15
	GSK25-100	A	50	55	55	-	147.8	100	M20x2	DSK25	1.20
SK40-	GSK6-70	A	63.55	19.5	20	-	138.4	70	M6x1	DSK6	1.05
	GSK6-100	A	63.55	19.5	20	-	168.4	100	M6x1	DSK6	1.25
	GSK6-120	A	63.55	19.5	20	-	188.4	120	M6x1	DSK6	1.39
	GSK6-150L	B	63.55	19.5	20	26.4	218.4	150	M6x1	DSK6	1.55
	GSK10-70	A	63.55	27	27.5	-	138.4	70	M10x1.5	DSK10	1.10
	GSK10-100	A	63.55	27	27.5	-	168.4	100	M10x1.5	DSK10	1.30
	GSK10-120	A	63.55	27	27.5	-	188.4	120	M10x1.5	DSK10	1.42
	GSK10-150	A	63.55	27	27.5	-	218.4	150	M10x1.5	DSK10	1.55
	GSK10-200L	B	63.55	27	27.5	33.7	268.4	200	M10x1.5	DSK10	1.85
	GSK16-70	A	63.55	40	40.5	-	138.4	70	M16x2	DSK16	1.21
	GSK16-100	A	63.55	40	40.5	-	168.4	100	M16x2	DSK16	1.42
	GSK16-120	A	63.55	40	40.5	-	188.4	120	M16x2	DSK16	1.61
	GSK16-150	A	63.55	40	40.5	-	218.4	150	M16x2	DSK16	1.80
	GSK16-200L	B	63.55	40	40.5	45.7	268.4	200	M16x2	DSK16	1.95
	GSK20-70	A	63.55	48	48.5	-	138.4	70	M16x2	DSK20	1.52
	GSK20-100	A	63.55	48	48.5	-	168.4	100	M16x2	DSK20	1.68
	GSK20-120	A	63.55	48	48.5	-	188.4	120	M16x2	DSK20	1.90
	GSK20-150	A	63.55	48	48.5	-	218.4	150	M16x2	DSK20	2.10
	GSK20-200L	B	63.55	48	48.5	55.7	268.4	200	M16x2	DSK20	2.30
	GSK25-100	A	63.55	55	55	-	168.4	100	M20x2	DSK25	1.81
	GSK25-120	A	63.55	55	55	-	188.4	120	M20x2	DSK25	2.05
	GSK25-150	A	63.55	55	55	-	218.4	150	M20x2	DSK25	2.30
	GSK25-200L	B	63.55	55	55	59.9	268.4	200	M20x2	DSK25	2.65

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GSK

SK-GSK High Speed Milling Holder
SK-GSK高速精密筒夾本體

型號 Specification		圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
SK50-	GSK10-105	A	97.5	27	27.5	-	206.75	105	M10x1.5	DSK10	3.78
	GSK10-135	A	97.5	27	27.5	-	236.75	135	M10x1.5	DSK10	4.00
	GSK10-165	A	97.5	27	27.5	-	266.75	165	M10x1.5	DSK10	4.33
	GSK10-200L	B	97.5	27	27.5	35.2	301.75	200	M10x1.5	DSK10	4.75
	GSK16-100	A	97.5	40	40.5	-	201.75	100	M16x2	DSK16	3.93
	GSK16-125	A	97.5	40	40.5	-	226.75	125	M16x2	DSK16	4.17
	GSK16-150	A	97.5	40	40.5	-	251.75	150	M16x2	DSK16	4.49
	GSK16-200L	B	97.5	40	40.5	48.4	301.75	200	M16x2	DSK16	5.50
	GSK16-250L	B	97.5	40	40.5	48.4	351.75	250	M16x2	DSK16	6.50
	GSK20-100	A	97.5	48	48.5	-	201.75	100	M16x2	DSK20	4.10
	GSK20-125	A	97.5	48	48.5	-	226.75	125	M16x2	DSK20	4.32
	GSK20-150	A	97.5	48	48.5	-	251.75	150	M16x2	DSK20	4.65
	GSK20-200	A	97.5	48	48.5	-	301.75	200	M16x2	DSK20	5.75
	GSK20-250L	B	97.5	48	48.5	55.4	351.75	250	M16x2	DSK20	6.78
	GSK20-300L	B	97.5	48	48.5	55.4	401.75	300	M16x2	DSK20	7.80
	GSK25-100	A	97.5	55	55	-	201.75	100	M20x2	DSK25	4.10
	GSK25-125	A	97.5	55	55	-	226.75	125	M20x2	DSK25	4.62
	GSK25-150	A	97.5	55	55	-	251.75	150	M20x2	DSK25	5.10
	GSK25-200	A	97.5	55	55	-	301.75	200	M20x2	DSK25	5.81
	GSK25-250L	B	97.5	55	55	61.4	351.75	250	M20x2	DSK25	6.85
	GSK25-300L	B	97.5	55	55	61.4	401.75	300	M20x2	DSK25	8.00

注：筒夾與扳手需單獨另購，可選配中心出水螺帽與端面出水螺帽詳見B73頁。
Notice: Collets and wrenchs shall be ordered separately.

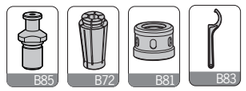
特 點 / Feature

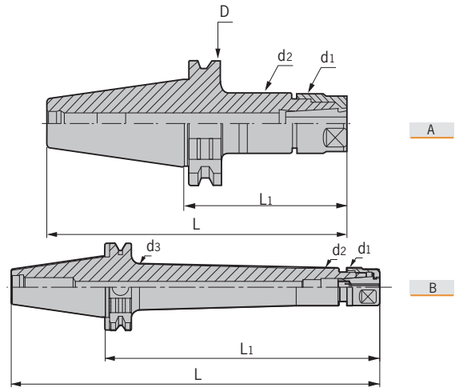
■動平衡設定: G2.5；25,000 rpm。
■3D處徑向跳動0.005 mm。

■Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.005 mm.

DSK

SK-DSK High Speed Milling Holder
SK-DSK高速精密筒夾本體





型號 Specification		圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
SK30-	DSK6-70	A	50	20	20	-	117.8	70	M6x1	DSK6	0.45
	DSK6-100	A	50	20	20	-	147.8	100	M6x1	DSK6	0.64
	DSK10-70	A	50	27.5	27.5	-	117.8	70	M10x1.5	DSK10	0.46
	DSK10-100	A	50	27.5	27.5	-	147.8	100	M10x1.5	DSK10	0.70
	DSK16-100	A	50	40.5	40.5	-	147.8	100	M16x2	DSK16	1.00
	DSK16-120	A	50	40.5	40.5	-	167.8	120	M16x2	DSK16	1.25
	DSK16-150	A	50	40.5	40.5	-	197.8	150	M16x2	DSK16	1.35
	DSK20-70	A	50	48.5	48.5	-	117.8	70	M16x2	DSK20	0.75
	DSK20-100	A	50	48.5	48.5	-	147.8	100	M16x2	DSK20	1.15
	DSK25-100	A	50	55	55	-	147.8	100	M20x2	DSK25	1.20
SK40-	DSK6-70	A	63.55	20	20	-	138.4	70	M6x1	DSK6	1.05
	DSK6-100	A	63.55	20	20	-	168.4	100	M6x1	DSK6	1.25
	DSK6-120	A	63.55	20	20	-	188.4	120	M6x1	DSK6	1.39
	DSK6-150L	B	63.55	20	20	26.4	218.4	150	M6x1	DSK6	1.55
	DSK10-70	A	63.55	27.5	27.5	-	138.4	70	M10x1.5	DSK10	1.10
	DSK10-100	A	63.55	27.5	27.5	-	168.4	100	M10x1.5	DSK10	1.30
	DSK10-120	A	63.55	27.5	27.5	-	188.4	120	M10x1.5	DSK10	1.42
	DSK10-150	A	63.55	27.5	27.5	-	218.4	150	M10x1.5	DSK10	1.55
	DSK10-200L	B	63.55	27.5	27.5	33.7	268.4	200	M10x1.5	DSK10	1.85
	DSK16-70	A	63.55	40.5	40.5	-	138.4	70	M16x2	DSK16	1.21
	DSK16-100	A	63.55	40.5	40.5	-	168.4	100	M16x2	DSK16	1.42
	DSK16-120	A	63.55	40.5	40.5	-	188.4	120	M16x2	DSK16	1.61
	DSK16-150	A	63.55	40.5	40.5	-	218.4	150	M16x2	DSK16	1.80
	DSK16-200L	B	63.55	40.5	40.5	45.7	268.4	200	M16x2	DSK16	1.95
	DSK20-70	A	63.55	48.5	48.5	-	138.4	70	M16x2	DSK20	1.52
	DSK20-100	A	63.55	48.5	48.5	-	168.4	100	M16x2	DSK20	1.68
	DSK20-120	A	63.55	48.5	48.5	-	188.4	120	M16x2	DSK20	1.90
	DSK20-150	A	63.55	48.5	48.5	-	218.4	150	M16x2	DSK20	2.10
	DSK20-200L	B	63.55	48.5	48.5	55.7	268.4	200	M16x2	DSK20	2.30
	DSK25-100	A	63.55	55	55	-	168.4	100	M20x2	DSK25	1.81
	DSK25-120	A	63.55	55	55	-	188.4	120	M20x2	DSK25	2.05
	DSK25-150	A	63.55	55	55	-	218.4	150	M20x2	DSK25	2.30
	DSK25-200L	B	63.55	55	55	59.9	268.4	200	M20x2	DSK25	2.65

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DSK

SK-DSK High Speed Milling Holder
SK-DSK高速精密筒夾本體

型號 Specification		圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
SK50-	DSK10-105	A	97.5	27.5	27.5	-	206.75	105	M10x1.5	DSK10	3.78
	DSK10-135	A	97.5	27.5	27.5	-	236.75	135	M10x1.5	DSK10	4.00
	DSK10-165	A	97.5	27.5	27.5	-	266.75	165	M10x1.5	DSK10	4.33
	DSK10-200L	B	97.5	27.5	27.5	35.2	301.75	200	M10x1.5	DSK10	4.75
	DSK16-100	A	97.5	40.5	40.5	-	201.75	100	M16x2	DSK16	3.93
	DSK16-125	A	97.5	40.5	40.5	-	226.75	125	M16x2	DSK16	4.17
	DSK16-150	A	97.5	40.5	40.5	-	251.75	150	M16x2	DSK16	4.49
	DSK16-200L	B	97.5	40.5	40.5	48.4	301.75	200	M16x2	DSK16	5.50
	DSK16-250L	B	97.5	40.5	40.5	48.4	351.75	250	M16x2	DSK16	6.50
	DSK20-100	A	97.5	48.5	48.5	-	201.75	100	M16x2	DSK20	4.10
	DSK20-125	A	97.5	48.5	48.5	-	226.75	125	M16x2	DSK20	4.32
	DSK20-150	A	97.5	48.5	48.5	-	251.75	150	M16x2	DSK20	4.65
	DSK20-200	A	97.5	48.5	48.5	-	301.75	200	M16x2	DSK20	5.75
	DSK20-250L	B	97.5	48.5	48.5	55.4	351.75	250	M16x2	DSK20	6.78
	DSK20-300L	B	97.5	48.5	48.5	55.4	401.75	300	M16x2	DSK20	7.80
	DSK25-100	A	97.5	55	55	-	201.75	100	M20x2	DSK25	4.1
	DSK25-125	A	97.5	55	55	-	226.75	125	M20x2	DSK25	4.62
	DSK25-150	A	97.5	55	55	-	251.75	150	M20x2	DSK25	5.10
	DSK25-200	A	97.5	55	55	-	301.75	200	M20x2	DSK25	5.81
	DSK25-250L	B	97.5	55	55	61.4	351.75	250	M20x2	DSK25	6.85
	DSK25-300L	B	97.5	55	55	61.4	401.75	300	M20x2	DSK25	8.00

注：筒夾與扳手需單獨另購，可選配中心出水螺帽與端面出水螺帽詳見B73頁。
Notice: Collets and wrenchs shall be ordered separately.

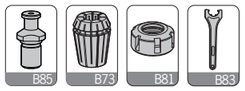
特 點 / Feature

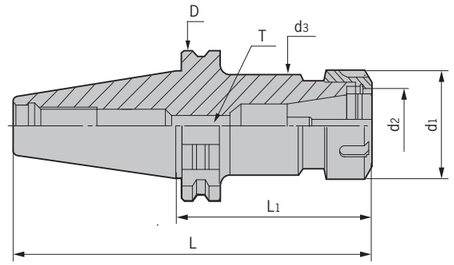
■動平衡設定: G2.5； 20,000 rpm。
■3D處徑向跳動0.005 mm。

■Balanced: G2.5; 20,000 rpm;
■Runout (X3D): < 0.005 mm.

ER

SK-ER Spring Collet Chuck
SK-ER彈性筒夾本體





型號 Specification		D	d1	d2	d3	L1	L	重量 Weight
SK30-	ER11-60	50	19	11	19	60	127.8	0.45
	ER16-70	50	28	16	28	70	117.8	0.52
	ER16-100	50	28	16	28	100	147.8	0.64
	ER20-70	50	34	20	34	70	117.8	0.57
	ER20-100	50	34	20	34	100	147.8	0.76
	ER25-70	50	42	25	42	70	117.8	0.66
	ER32-70	50	50	32	50	70	117.8	0.72
SK40-	ER11-80	63.55	19	11	19	80	148.4	0.70
	ER11-125	63.55	19	11	19	125	193.4	0.96
	ER16-70	63.55	28	16	28	70	138.4	1.08
	ER16-100	63.55	28	16	28	100	168.4	1.21
	ER16-125	63.55	28	16	28	125	193.4	1.30
	ER16-150	63.55	28	16	28	150	218.4	1.44
	ER20-70	63.55	34	20	34	70	138.4	1.12
	ER20-100	63.55	34	20	34	100	168.4	1.33
	ER20-135	63.55	34	20	34	135	203.4	1.48
	ER20-160	63.55	34	20	34	160	228.4	1.65
	ER25-70	63.55	42	25	42	70	138.4	1.22
	ER25-100	63.55	42	25	42	100	168.4	1.49
	ER25-150	63.55	42	25	42	150	218.4	1.97
	ER25-200	63.55	42	25	42	200	268.4	2.23
	ER32-70	63.55	50	32	50	70	138.4	1.27
	ER32-100	63.55	50	32	50	100	168.4	1.70
	ER32-150	63.55	50	32	50	150	218.4	2.39
	ER40-80	63.55	63	40	63	80	148.4	1.62
	ER40-100	63.55	63	40	63	100	168.4	2.08
	ER40-135	63.55	63	40	63	135	218.4	2.75
SK50-	ER16-100	97.5	28	16	28	100	201.75	3.77
	ER16-135	97.5	28	16	28	135	236.75	3.95
	ER16-160	97.5	28	16	28	160	261.75	4.04
	ER16-200	97.5	28	16	28	200	301.75	5.04
	ER20-100	97.5	34	20	34	100	201.75	3.86
	ER20-135	97.5	34	20	34	135	236.75	4.08
	ER20-160	97.5	34	20	34	160	261.75	4.22

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ER/VER

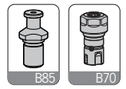
SK-ER Spring Collet Chuck
SK-ER彈性筒夾本體

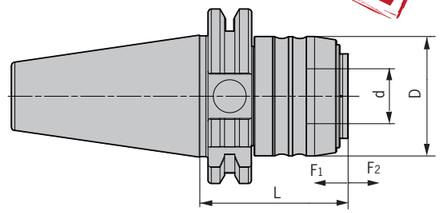
型號 Specification		D	d1	d2	d3	L1	L	重量 Weight
SK50-	ER25-70	97.5	42	25	42	70	171.75	3.64
	ER25-100	97.5	42	25	42	100	201.75	4.26
	ER25-150	97.5	42	25	42	150	251.75	4.54
	ER25-200	97.5	42	25	42	200	301.75	5.01
	ER32-80	97.5	50	32	50	80	181.75	3.80
	ER32-120	97.5	50	32	50	120	221.75	4.35
	ER32-160	97.5	50	32	50	160	261.75	4.82
	ER32-200	97.5	50	32	50	200	301.75	5.32
	ER40-80	97.5	63	40	63	80	181.75	3.93
	ER40-120	97.5	63	40	63	120	221.75	4.86
	ER40-160	97.5	63	40	63	160	261.75	5.51
	ER40-200	97.5	63	40	63	200	301.75	6.21

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

SK-VER Tapping Chuck
SK-VER快換式微補償攻牙刀柄

NEW





型號 Specification		D	d	L	F1	F2	攻牙能力 Tapping capacity	適用延長杆 Suit extender	重量 Weight
SK40-	VER16-53	43.5	20	53	0.2	1	M3-M12	VER16-M24	1.05
	VER20-80	52	25	80	0.2	1	M5-M16	VER20-M26	1.22
	VER25-90	60	32	90	0.2	1	M6-M20	VER25-M28	1.42
	VER32-106	72	40	106	0.2	1	M10-M24	VER32-M30	1.71
	VER40-115	87	50	115	0.2	1	M14-M33	VER40-M32	2.15
SK50-	VER16-53	43.5	20	53	0.2	1	M3-M12	VER16-M24	3.36
	VER20-83	52	25	83	0.2	1	M5-M16	VER20-M26	3.55
	VER25-74	60	32	74	0.2	1	M6-M20	VER25-M28	3.65
	VER32-100	72	40	100	0.2	1	M10-M24	VER32-M30	4.15
	VER40-115	87	50	115	0.2	1	M14-M33	VER40-M32	4.35

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

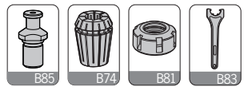
特 點 / Feature

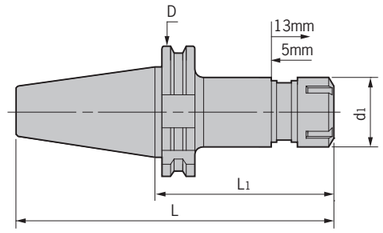
■顯著提高絲錐使用壽命80%以上。
■有效提高加工生產效率2-4倍。
■明顯提高表面加工質量與精度。
■選用ER攻絲專用筒夾夾持。
■無需依賴設備精度。
■擠壓絲錐首選。

■Tap tool life increased by 80% and above;
■Work efficiency increased 2 to 4 times;
■Better surface quality;
■With ER tapping collet;
■Best choice for squeeze taps.

TER

SK-TER Tapping Chuck
SK-TER伸縮攻牙器刀柄





型號 Specification		D	d1	L1	L	適用筒夾 Suit collet	攻牙能力 Tapping capacity	重量 Weight
SK40-	TER16-120	63.55	28	120	188.4	ER16	M3-M10	1.10
	TER16-150	63.55	28	150	218.4	ER16	M3-M10	1.40
	TER20-100	63.55	34	100	168.4	ER20	M3-M16	1.22
	TER20-150	63.55	34	150	218.4	ER20	M3-M16	1.70
	TER20-200	63.55	28	200	268.4	ER20	M3-M16	2.20
	TER32-120	63.55	50	120	188.4	ER32	M3-M27	1.52
SK50-	TER16-120	97.50	28	120	221.75	ER16	M3-M10	3.80
	TER16-150	97.50	28	150	251.75	ER16	M3-M10	4.12
	TER20-100	97.50	34	100	201.75	ER20	M3-M16	3.83
	TER20-150	97.50	34	150	251.75	ER20	M3-M16	4.45
	TER20-200	97.50	28	200	301.75	ER20	M3-M16	5.00
	TER32-120	97.50	50	120	221.75	ER32	M3-M27	4.40

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

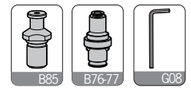
特點 / Feature

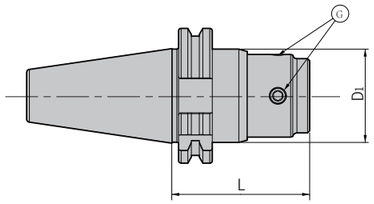
■攻牙器使用ER筒夾夾持，請您在選購時認準 ER筒夾內徑。
■本刀體的攻牙器頭部采用了浮動設計，攻螺紋時的扭距可通過內部鋼珠傳遞。
■本刀柄主要用于中心機和CNC銑床攻牙。
■Clamped with ER spring collect, please check the innsize of ER collet When you choose .
■The tapping head of this holder designed with floating tap, the tapping torque is transmitted through the ball inside the floating tap holder.
■Mainly used on machine center and CNC milling machine for tapping.

TPG/TPM

SK-TPG Rigid Tapping Chuck
SK-TPG剛性攻牙刀柄

NEW





型號 Specification		D1	L	G	適用筒夾 Suit collet	L型扳手 Wrench	攻牙能力 Tapping capacity	重量 Weight
SK40-	TPG312	44	65	M8X1P	TPE312	L06	M3-M12	1.23
	TPG1024	56	75	M10X1P	TPE1024	L08	M10-M24	1.39
SK50-	TPG312	44	80	M8X1P	TPE312	L06	M3-M12	3.88
	TPG1024	56	80	M10X1P	TPE1024	L08	M10-M24	4.09

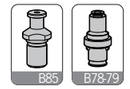
注：筒夾需單獨訂購。
Notice: Collets shall be ordered separately.

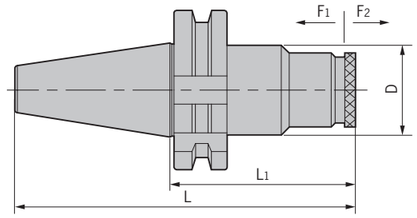
特點 / Feature

■適用于高精度同步數控加工。
■由主軸中心提供內冷却。
■爲達到高速攻絲的剛性設計。
■短型且緊凑的設計。

■For high precision tapping;
■With internal coolant hole;
■Design for high speed and rigid tapping;
■Short and compact design.

SK-TPM Tapping Chuck With High Rigidity
SK-TPM扭力伸縮攻牙刀柄





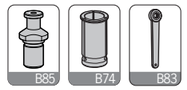
型號 Specification		D	F1	F2	L1	L	適用筒夾 Suit collet	攻牙能力 Tapping capacity	重量 Weight
SK40-	TPM316	50	10	20	96	163	TPD316	M3-M16	1.56
	TPM830	66	10	25	143.6	230	TPD830	M8-M30	2.62
SK50-	TPM316	50	10	20	96	163	TPD316	M3-M16	4.24
	TPM830	66	10	25(80)	143.6	230	TPD830	M8-M30	4.77

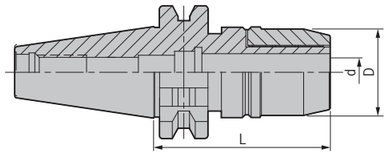
注：筒夾需單獨訂購。
Notice: Collets shall be ordered separately.

HPM/HPC

SK-HPM High Speed Milling Chuck
SK-HPM高速精密强力銑刀夾頭

MAX 30,000 min⁻¹

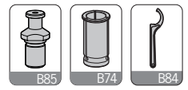


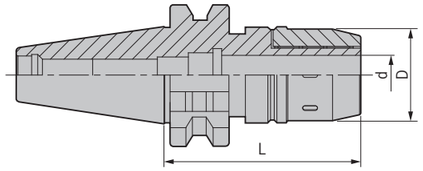


型號 Specification		範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
SK30-	HPM20-75	6-20	54	20	75	SC20	1.80
SK40-	HPM20-80	6-20	54	20	80	SC20	2.40
	HPM20-105	6-20	54	20	105	SC20	2.50
	HPM20-135	6-20	54	20	135	SC20	2.80
	HPM32-105	6-32	68	32	105	SC32	2.80
	HPM32-135	6-32	68	32	135	SC32	3.00
SK50-	HPM20-105	6-20	54	20	105	SC20	4.50
	HPM20-135	6-20	54	20	135	SC20	4.70
	HPM32-110	6-32	68	32	110	SC32	5.20
	HPM32-135	6-32	68	32	135	SC32	5.90

SK-HPC High Speed Milling Chuck
SK-HPC高速精密强力銑刀夾頭

MAX 30,000 min⁻¹





型號 Specification		範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
SK30-	HPC16-70	3-16	46	16	70	SC16	1.40
	HPC20-75	6-20	51.5	20	75	SC20	1.80
SK40-	HPC16-70	3-16	46	16	70	SC16	1.60
	HPC16-105	3-16	46	16	105	SC16	1.80
	HPC16-135	3-16	46	16	135	SC16	2.30
	HPC20-80	6-20	51.5	20	80	SC20	2.40
	HPC20-105	6-20	51.5	20	105	SC20	2.50
	HPC20-135	6-20	51.5	20	135	SC20	2.80
	HPC32-105	6-32	70.5	32	105	SC32	2.80
	HPC32-135	6-32	70.5	32	135	SC32	3.00
SK50-	HPC16-90	3-16	46	16	90	SC16	3.90
	HPC16-110	3-16	46	16	110	SC16	4.10
	HPC16-135	3-16	46	16	135	SC16	4.30
	HPC16-150	3-16	46	16	150	SC16	4.50
	HPC20-105	6-20	51.5	20	105	SC20	4.50
	HPC20-135	6-20	51.5	20	135	SC20	4.70
	HPC20-150	6-20	51.5	20	150	SC20	4.90
	HPC32-110	6-32	70.5	32	110	SC32	5.20
	HPC32-135	6-32	70.5	32	135	SC32	5.90
	HPC32-165	6-32	70.5	32	165	SC32	6.60

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

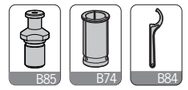
特點 / Feature

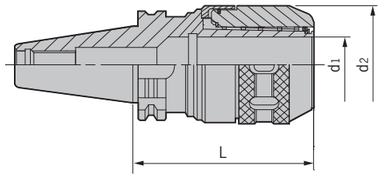
■動平衡設定: G6.3； 15,000 rpm。
■3D處徑向跳動0.02 mm。

■Balanced: G6.3; 15,000 rpm;
■Runout (X3D): < 0.02 mm.

MLC

SK-MLC Power Milling Chuck
SK-MLC强力筒夾本體





型號 Specification		範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
SK30-	MLC20-85	6-20	51.5	20	85	SC20	1.90
	MLC20-100	6-20	51.5	20	100	SC20	2.10
	MLC32-135	6-32	70.5	32	135	SC32	3.00
SK40-	MLC20-85	6-20	51.5	20	85	SC20	2.40
	MLC20-100	6-20	51.5	20	100	SC20	2.50
	MLC20-135	6-20	51.5	20	135	SC20	2.80
	MLC32-105	6-32	70.5	32	105	SC32	2.80
	MLC32-135	6-32	70.5	32	135	SC32	3.10
SK50-	MLC20-105	6-20	51.5	20	105	SC20	4.50
	MLC20-150	6-20	51.5	20	150	SC20	4.90
	MLC32-85	6-32	70.5	32	85	SC32	4.50
	MLC32-110	6-32	70.5	32	110	SC32	5.20
	MLC32-135	6-32	70.5	32	135	SC32	5.90
	MLC42-110	6-42	86.0	42	110	SC42	6.00
	MLC42-165	6-42	86.0	42	165	SC42	7.40

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特點 / Feature

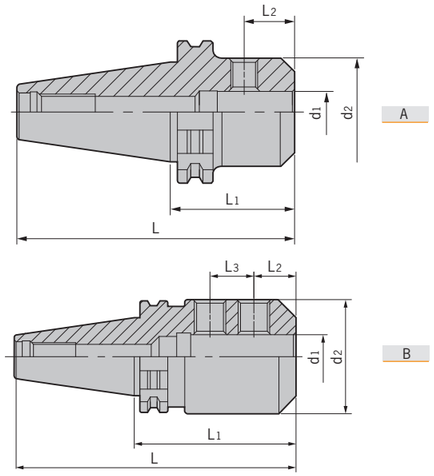
■刀柄采用四組220根針狀滾針經特殊排列而成。
■端面鎖緊增强了本體鋼性强度。
■立銑刀無振動無滑移實現了最大能力範圍的重銑削加工，跳動精度0.02mm。
■The tool holder uses four special layers with 220 pieces bearing arranged in particular.
■ It can reduce the locking resistanced and also show best performance on heavy cutting.
■The usual length of power milling chuck show that the highest runout accuracy can reach to 0.02mm.

SK-MLC Power Chuck Kit
SK-MLC强力筒夾本體套裝組

型號 Specification		筒夾 Collet	數量 PCS/SET	重量 Weight
SK40-	MLC20-100-5PCS	SC20-6,8,10,12,16	5	7.30
	MLC32-105-7PCS	SC32-6,8,10,12,16,20,25	7	7.80
SK50-	MLC20-105-5PCS	SC20-6,8,10,12,16	5	7.50
	MLC32-110-7PCS	SC32-6,8,10,12,16,20,25	7	8.40
	MLC42-110-8PCS	SC42-6,8,10,12,16,20,25,32	8	11.40

SLN

SK-SLN Side Lock Holder
SK-SLN側固式刀柄

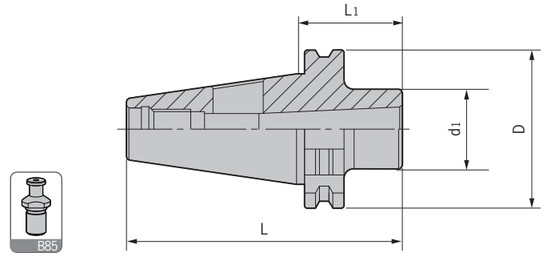


型號 Specification		圖示 Figure	d1	d2	L1	L2	L3	L	側面壓緊螺釘 Side-lock screw	重量 Weight
SK30-	SLN6-50	A	6	25	50	18	-	97.8	M060U080	0.41
	SLN8-50	A	8	28	50	18	-	97.8	M080U100	0.46
	SLN10-50	A	10	35	50	20	-	97.8	M100U120	0.54
	SLN12-50	A	12	42	50	22.5	-	97.8	M120U140	0.61
	SLN16-63	A	16	48	63	24	-	110.8	M140U160	0.85
SK40-	SLN6-50	A	6	25	50	18	-	118.4	M060U080	1.00
	SLN8-50	A	8	28	50	18	-	118.4	M080U100	1.01
	SLN10-50	A	10	35	50	20	-	118.4	M100U100	1.15
	SLN12-50	A	12	42	50	22.5	-	118.4	M120U140	1.26
	SLN16-63	A	16	48	63	24	-	131.4	M140U160	1.31
	SLN20-63	A	20	52	63	25	-	131.4	M160U160	1.33
	SLN25-100	B	25	65	100	24	25	168.4	M180Z180P	2.32
	SLN32-105	B	32	72	105	24	28	168.4	M200Z180P	2.37
SK50-	SLN6-63	A	6	25	63	18	-	164.75	M060U080	3.12
	SLN8-63	A	8	28	63	18	-	164.75	M080U100	3.15
	SLN10-63	A	10	35	63	20	-	164.75	M100U100	3.63
	SLN12-63	A	12	42	63	22.5	-	164.75	M120U140	3.86
	SLN16-63	A	16	48	63	24	-	164.75	M140U160	3.90
	SLN20-63	A	20	52	63	25	-	164.75	M160U160	3.93
	SLN25-80	B	25	65	80	24	25	181.75	M180Z180P	4.62
	SLN32-100	B	32	72	100	24	25	201.75	M200Z180P	4.80
	SLN40-105	B	40	90	105	30	32	201.75	M200Z180P	5.21
	SLN42-100	B	42	90	100	30	32	201.75	M200Z180P	6.00

注：扳手需單獨訂購。
Notice: Wrenchs shall be ordered separately.

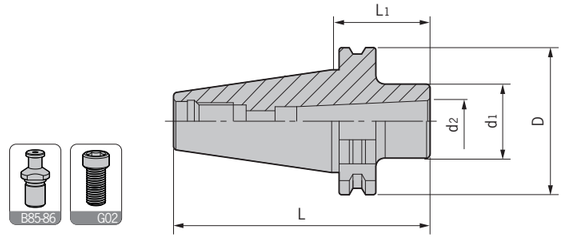
MTA/MTB

SK-MTA Morse Taper Holder
SK-MTA莫氏錐套刀柄（鑽頭套筒）



型號 Specification		莫氏錐度 MT.NO	D	d1	L1	L	重量 Weight
SK30-	MTA1-50	1	50	25	50	97.8	0.42
	MTA2-50	2	50	32	50	97.8	0.50
	MTA3-80	3	50	40	80	127.8	0.60
SK40-	MTA1-50	1	63.55	25	50	118.4	0.95
	MTA2-50	2	63.55	32	50	118.4	1.00
	MTA3-70	3	63.55	40	70	138.4	1.13
	MTA4-95	4	63.55	48	95	163.4	1.35
SK50-	MTA1-45	1	97.50	25	45	146.75	3.59
	MTA2-60	2	97.50	32	60	161.75	3.63
	MTA3-65	3	97.50	40	65	166.75	3.65
	MTA4-95	4	97.50	48	95	196.75	3.88
	MTA5-105	5	97.50	63	105	206.75	3.74

SK-MTB Morse Taper Holder
SK-MTB莫氏錐套刀柄（螺絲鎖緊）

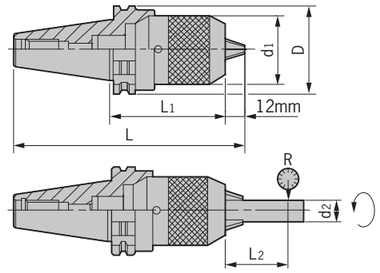


型號 Specification		莫氏錐度 MT.NO	D	d1	d2	L1	L	拉緊螺釘 Tension screw	範圍 Range	重量 Weight
SK30-	MTB1-50	1	50	25	12.065	50	97.8	E060U160	Φ10-Φ14	0.50
	MTB2-60	2	50	32	17.780	60	107.8	SK30-45-MT2	Φ16-Φ22	0.55
	MTB3-75	3	50	40	23.825	75	122.8	SK30-45-MT3	Φ24-Φ32	0.65
SK40-	MTB1-50	1	63.55	25	12.065	50	118.4	E060U160	Φ10-Φ14	0.95
	MTB2-50	2	63.55	32	17.780	50	118.4	E100U300-MTB	Φ16-Φ22	1.00
	MTB3-70	3	63.55	40	23.825	70	138.4	SK40-45-MT3	Φ24-Φ32	1.13
	MTB4-95	4	63.55	48	31.267	95	163.4	SK40-45-MT4	Φ32-Φ50	1.35
SK50-	MTB1-45	1	97.50	25	12.065	45	146.75	E060U250	Φ10-Φ14	3.59
	MTB2-60	2	97.50	32	17.780	60	161.75	E100U350	Φ16-Φ22	3.64
	MTB3-65	3	97.50	40	23.825	65	166.75	E120U400	Φ24-Φ32	3.60
	MTB4-95	4	97.50	48	31.267	95	196.75	E160U400-MTB	Φ32-Φ50	3.88
	MTB5-105	5	97.50	63	44.399	105	206.75	SK50-45-MT5	Φ55-Φ60	3.74

注：報價時含鎖緊拉釘。
Notice:Tension screw is included.

SPU/FMB

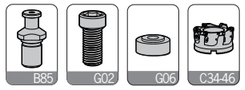
SK-SPU Drill Chuck Holder
SK-SPU直結式鑽夾頭刀柄

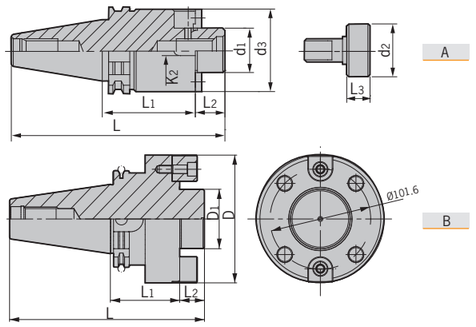


型號 Specification		D	d1	d2	L1	L2	L	偏擺精度 R	重量 Weight
SK30-	SPU8-80	50	37	8	80	55	136.8	0.04	0.72
	SPU13-120	50	50	13	120	75	179.8	0.04	1.70
SK40-	SPU8-75	63.55	37	8	75	55	152.4	0.04	1.36
	SPU13-110	63.55	50	13	110	75	180.4	0.04	1.76
	SPU16-125	63.55	57	16	125	80	190.4	0.04	2.18
SK50-	SPU8-75	97.50	37	8	75	55	185.75	0.04	4.10
	SPU13-100	97.50	50	13	100	75	213.75	0.04	4.50
	SPU16-105	97.50	57	16	105	80	218.75	0.04	4.78

注：報價時含扳手。
Notice:Wrench is included.

SK-FMB Face Milling Holder
SK-FMB平面銑刀柄

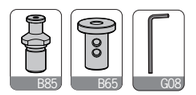


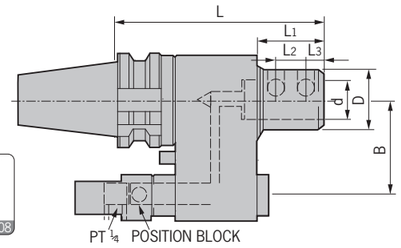


型號 Specification		圖示 Figure	d1	d2	d3	L1	L2	L3	L	刀盤鎖緊螺釘 Lockingscrewforcutter	墊圈 Washer	重量 Weight
SK30-	FMB22-35	A	22	26	47	35	18	14	100.8	E100U300	-	0.70
	FMB27-35	A	27	33	58	35	20	16	102.8	E120U300	FM-1	1.00
SK40-	FMB22-35	A	22	26	47	35	18	14	121.4	E100U300	-	1.20
	FMB27-60	A	27	33	58	60	20	16	148.4	E120U300	FM-1	1.86
	FMB32-60	A	32	40	66	60	22	16	150.4	E160U350	FM-2	2.32
	FMB40-60	A	40	50	82	60	25	20.5	153.4	E200U350	FM-3	2.47
SK50-	FMB22-35	A	22	26	47	35	18	14	154.75	E100U300	-	3.60
	FMB27-35	A	27	33	58	35	20	16	156.75	E120U300	FM-1	3.79
	FMB32-35	A	32	40	66	35	22	16	158.75	E160Z350-40	-	4.10
	FMB40-50	A	40	50	82	50	25	20.5	189.75	E200Z350-50	-	4.57
	FMB60F-70	B	60	-	129	70	25	-	211.75	E160U500	-	8.00

SLO/CSO/PB

SK-SLO Oil-feed Holder
SK-SLO油路刀柄



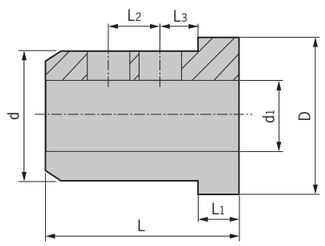


型號 Specification		D	d	L1	L2	L3	L	B	側面壓緊螺釘 Side-lock screw	重量 Weight
SK40-	SL032-150	72	32	50	15	15	150	60/65	M120U200	5.35
	SL040-150	72	40	50	18	19	150	60/65	M140U160	5.04
SK50-	SL032-160	72	32	50	15	15	160	80/82	M120U200	8.64
	SL040-160	72	40	50	18	19	160	80/82	M140U160	8.35

注：報價時含扳手，請于訂購時，依據機臺規格確認中心距離B的尺寸。
Notice:1.Wrench is included; 2.Before order please check the distance B.

CSO Oil-feed Holder Reducing Sleeve
CSO油路刀套

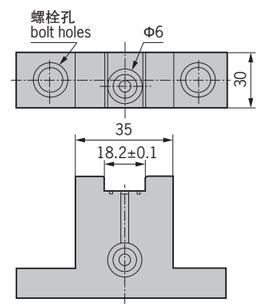
型號 Specification		D	d	d1	L1	L2	L3	L	重量 Weight
CSO	32-16	53	32	16	10	15	15	65	0.40
	32-20	53	32	20	10	15	15	65	0.35
	32-25	53	32	25	10	15	15	65	0.26
	40-16	63	40	16	10	18	19	75	0.74
	40-20	63	40	20	10	18	19	75	0.68
	40-25	63	40	25	10	18	19	75	0.59
	40-32	63	40	32	10	18	19	75	0.41



PB Oil-feed Holder Positioning Block
PB油路止動塊

型號 Specification	重量 Weight
BT40-PB30-35	0.53
BT50-PB30-35	0.46

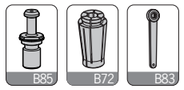
注意：在使用油路刀柄時，止動塊是必需的配套附件。
止動塊可安裝到ATC等機器上。因此，隨着越來越多的不同型號的機器，有必要與機械制造商協商正確安裝。
Notice:Using oil-feed holder, positioning block illustrated here is necessary.
This positioning block can be mounted to different machines. As the mounting differs with different machines, it is necessary to consult the machine manufacturer about the proper mounting.

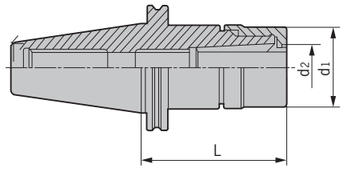


GSK/ER

ISO-GSK High Precision Chuck
ISO-GSK高速精密筒夾本體

MAX 60,000 min⁻¹





型號 Specification		d_1	d_2	L	筒夾 Collet	重量 Weight
ISO25-	GSK10-40	27	10	40	DSK10	0.30
ISO30-	GSK10-60	27	10	60	DSK10	0.70
	GSK16-60	40	16	60	DSK16	0.80

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

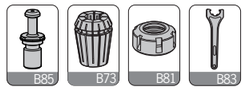
特點 / Feature

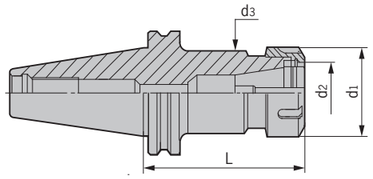
■動平衡設定: G2.5； 30,000 rpm。
■3D處徑向跳動0.005 mm。

■Balanced: G2.5; 30,000 rpm;
■Runout (X3D): < 0.005 mm.

ISO-ER Spring Collet Chuck
ISO-ER彈性筒夾本體

MAX 50,000 min⁻¹





型號 Specification		d_1	d_2	d_3	L	筒夾 Collet	重量 Weight
ISO20-	ER16-30	23	16	22	30	ER16	0.20
ISO25-	ER20-38	28	20	27	38	ER20	0.20
ISO30-	ER16-55	28	16	28	55	ER16	0.60
	ER20-60	34	20	34	60	ER20	0.60
	ER25-60	42	25	42	60	ER25	0.70
	ER32-60	50	32	50	60	ER32	0.70

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

特點 / Feature

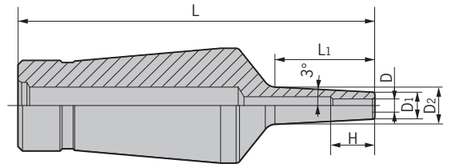
■動平衡設定: G2.5； 25,000 rpm。

■Balanced: G2.5; 25,000 rpm.

DSF-EXTENDER

DSF Shrink Fit Extender
DSF燒結式熱裝延長杆

NEW

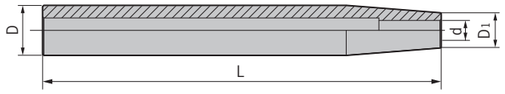


型號 Specification		D	D_1	D_2	L_1	L	H	重量 Weight
DSF12-	D3-35-1.5	3	6	8.4	22	35	10	0.20
	D3-55-1.5	3	6	10.5	42	55	10	0.20
	D3-85-1.5	3	6	13.1	67	85	10	0.20
	D3-110-1.5	3	6	16.2	97	110	10	0.20
	D4-35-1.5	4	7	9.4	22	35	12	0.20
	D4-55-1.5	4	7	11.5	42	55	12	0.20
	D4-85-1.5	4	7	14.1	67	85	12	0.20
	D4-110-1.5	4	7	17.2	97	110	12	0.20
	D5-35-1.5	5	8	10.4	22	35	15	0.20
	D5-55-1.5	5	8	12.5	42	55	15	0.20
	D5-85-1.5	5	8	15.1	67	85	15	0.20
	D5-110-1.5	5	8	18.2	97	110	15	0.20
	D6-35-1.5	6	9	11.4	22	35	18	0.20
	D6-55-1.5	6	9	13.5	42	55	18	0.20
	D6-85-1.5	6	9	16.1	67	85	18	0.20
	D6-110-1.5	6	9	19.2	97	110	18	0.20
	D7-35-3	7	13	15.4	22	35	20	0.30
	D7-55-3	7	13	17.5	42	55	20	0.30
	D7-85-3	7	13	20.1	67	85	20	0.30
	D7-110-3	7	13	23.2	97	110	20	0.30
	D8-35-3	8	14	16.4	22	35	25	0.30
	D8-55-3	8	14	18.5	42	55	25	0.30
	D8-85-3	8	14	21.1	67	85	25	0.30
	D8-110-3	8	14	24.2	97	110	25	0.30
	D9-35-3	9	15	17.4	22	35	30	0.30
	D9-55-3	9	15	19.5	42	55	30	0.30
	D9-85-3	9	15	22.1	67	85	30	0.30
	D9-110-3	9	15	25.2	97	110	30	0.30
	D10-35-3	10	16	18.4	22	35	30	0.30
	D10-55-3	10	16	20.5	42	55	30	0.30
	D10-85-3	10	16	23.1	67	85	30	0.30
	D10-110-3	10	16	26.2	97	110	30	0.30
	D11-35-3	11	17	19.4	22	35	30	0.30
	D11-55-3	11	17	21.5	42	55	30	0.30
	D11-85-3	11	17	24.1	67	85	30	0.30
	D11-110-3	11	17	27.2	97	110	30	0.30
	D12-35-3	12	18	20.4	22	35	30	0.30
	D12-55-3	12	18	22.5	42	55	30	0.30
	D12-85-3	12	18	25.1	67	85	30	0.30
	D12-110-3	12	18	28.2	97	110	30	0.30

SF-EXTENDER

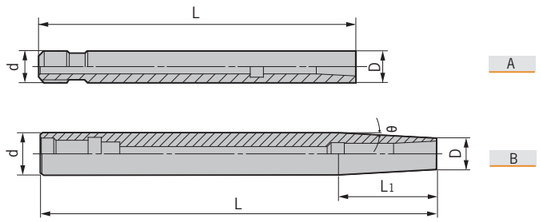
SF Shrink Fit Extender
SF燒結式熱裝延長杆

NEW



型號 Specification		D	D1	d	L	重量 Weight
C12-	SF3-160	12	8	3	160	0.20
	SF4-160	12	8	4	160	0.21
C16-	SF3-160	16	10	3	160	0.22
	SF4-160	16	10	4	160	0.23
	SF5-160	16	10	5	160	0.24
	SF6-160	16	10	6	160	0.25
C20-	SF5-160	20	14	5	160	0.40
	SF6-160	20	14	6	160	0.42
	SF8-160	20	14	8	160	0.44
C25-	SF8-160	25	20	8	160	0.60
	SF10-160	25	20	10	160	0.62
	SF12-160	25	20	12	160	0.65
C32-	SF10-160	32	27	10	160	0.78
	SF12-160	32	27	12	160	0.81
	SF16-160	32	27	16	160	0.83
	SF20-160	32	27	20	160	0.85

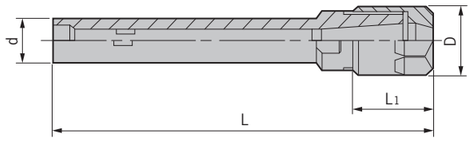
DC Collet Extender
DC直柄式小徑延伸杆



型號 Specification		圖示 Figure	D	d	L1	L	θ	適用夾頭 Suit collet	拉緊螺釘 Tension screw	止動螺母 Stop nut	扳手 Wrench	卡板扳手 WDC Wrench	重量 Weight
C10-	DC4-90	A	9	10	-	90	-	DC4	E040U0700	ZD4-1	T03-L	WDC	0.10
C12-	DC4-120	A	14	12	-	120	-	DC4	E040U0800	ZD4-1	T03-L	WDC	0.12
	DC6-120	A	14	12	-	120	-	DC6	E050U0950	ZD6-3	T04-L	WDC	0.13
C16-	DC6-150	B	14	16	38	150	3°	DC6	E050U1000	ZD6-1	T04-L	WDC	0.22
C20-	DC6-200	B	14	20	76	200	3°	DC6	E050U1150	ZD6-1	T04	WDC	0.42
C25-	DC6-250	B	14	25	124	250	3°	DC6	E050U1500	ZD8-1	T04	WDC	0.50
C20-	DC8-150	B	19	20	28	150	2°	DC8	E060U0800	ZD8-1	T05-L	WDC	0.40
	DC8-200	B	19	20	28	200	2°	DC8	E060U1200	ZD10-1	T05-L	WDC	0.65
C25-	DC10-150	B	24	25	28	150	2°	DC10	E080U0800	ZD10-1	T06-L	WDC	0.60
	DC10-200	B	24	25	28	200	2°	DC10	E080U1200	ZD10-1	T06-L	WDC	0.68
	DC10-250	B	24	25	28	250	2°	DC10	E080U1400	ZD10-1	T06-L	WDC	0.78
C32-	DC12-200	B	30	32	57	200	2°	DC12	E010U1200	ZD12-1	T08	WDC	0.82
	DC12-250	B	30	32	57	250	2°	DC12	E010U1400	ZD12-1	T08	WDC	0.95
	DC12-300	B	28	32	57	300	2°	DC12	E010U1600	ZD12-1	T08	WDC	1.15

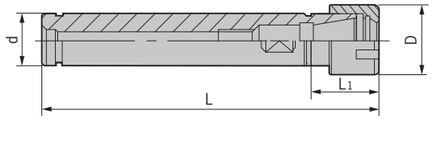
DC/DSK-EXTENDER

DSK Collet Extender
DSK直柄彈性筒夾延長杆



型號 Specification		D	d	L1	L	重量 Weight
C20-	DSK6-120	20	20	20	120	0.28
	DSK6-150	20	20	20	150	0.40
	DSK6-180	20	20	20	180	0.55
	DSK10-120	29	20	38	120	0.36
	DSK10-150	29	20	38	150	0.45
	DSK10-180	29	20	38	180	0.60

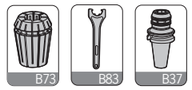
ER Collet Extender (M-Type)
M型直柄ER彈性筒夾延長杆

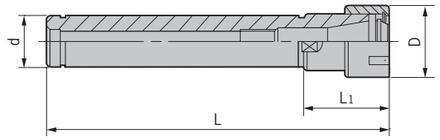


型號 Specification		D	d	L1	L	重量 Weight
C12-	ER11M-100	16	12	17	130.5	0.13
	ER11M-150	16	12	17	180.5	0.18
C16-	ER11M-100	16	16	18.5	128.5	0.18
	ER11M-150	16	16	18.5	158.5	0.24
	ER16M-100	23	16	37	137	0.18
	ER16M-150	23	16	37	187	0.24
C20-	ER16M-100	23	20	25	125	0.26
	ER16M-150	23	20	25	175	0.30
	ER20M-100	28	20	40	140	0.25
	ER20M-150	28	20	40	190	0.39
	ER20M-200	28	20	40	240	0.54
	ER25M-100	35	20	40	140	0.39
C25-	ER20M-150	28	25	28	178	0.55

ER/VER-EXTENDER

ER Collet Extender
ER彈性筒夾延長杆

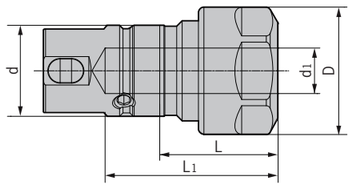




型號 Specification		D	d	L1	L	重量 Weight
C16-	ER16-100	28	16	36	136	0.16
	ER16-150	28	16	30	180	0.28
	ER20-100	34	16	36	136	0.30
C20-	ER16-100	28	20	30	130	0.29
	ER16-150	28	20	30	180	0.38
	ER20-100	34	20	36	136	0.38
	ER20-150	34	20	36	186	0.48
	ER25-100	42	20	46	146	0.45
	ER25-150	42	20	46	196	0.62
C25-	ER16-100	28	25	30	130	0.45
	ER16-150	28	25	30	180	0.60
	ER20-100	34	25	36	136	0.48
	ER20-150	34	25	36	186	0.65
	ER25-100	42	25	46	146	0.52
	ER25-150	42	25	46	196	0.75

VER Synchronized Tapping Extender
VER快換式微補償攻牙延長杆

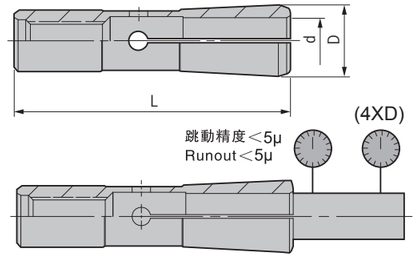
NEW



型號 Specification		夾持範圍 Clamping range	D	d	L1	L	攻牙能力 Tapping capacity	重量 Weight
VER-	16-M24	2-10	28	20	37	24	M3-M12	0.15
	16-L55	2-10	28	20	37	55	M3-M12	0.22
	20-M26	2-13	34	25	45	26	M5-M16	0.20
	20-L75	2-13	34	25	45	75	M5-M16	0.29
	25-M28	2-16	42	32	52	28	M6-M20	0.35
	25-L86	2-16	42	32	63	86	M6-M20	0.54
	32-M30	4-20	50	40	64	30	M10-M24	0.50
	32-L90	4-20	50	40	64	90	M10-M24	0.81
	40-M32	6-26	63	50	75	32	M14-M33	0.65
	40-L95	6-26	63	50	75	95	M14-M33	0.98

DC-COLLET

DC Slim Collet
DC小徑筒夾



型號 Specification		D	L
DC	4	7	31
	6	9.6	36
	8	14	45
	10	18	52
	12	22	60

型號 Specification		夾持範圍 Clamping range
DC4-	3E	2.75-3
	4E	3.75-4

型號 Specification		夾持範圍 Clamping range
DC6-	3E	2.75-3
	4E	3.75-4
	6E	5.75-6

型號 Specification		夾持範圍 Clamping range
DC8-	3E	2.75-3
	4E	3.75-4
	6E	5.75-6
	8E	7.75-8

型號 Specification		夾持範圍 Clamping range
DC10-	3E	2.75-3
	4E	3.75-4
	6E	5.75-6
	8E	7.75-8
	10E	9.75-10

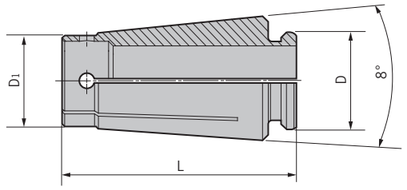
型號 Specification		夾持範圍 Clamping range
DC12-	3E	2.75-3
	4E	3.75-4
	6E	5.75-6
	8E	7.75-8
	10E	9.75-10
	12E	11.75-12

特 點 / Feature

■DC筒夾設計重點强調立銑刀的夾持力。
■每個夾頭的夾持範圍爲0.25mm。
■The design of DC collects is emphasized on increasing the clamping force.
■Gripping range of each collect is 0.25mm.

DSK-COLLET

DSK Precision Collet
DSK精密彈性筒夾



DSK6		DSK10		DSK16		DSK20		DSK25	
	11PCS		18PCS		27PCS		34PCS		45PCS
SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm
DSK6- 2	1.8-2.0	DSK10- 2	1.75-2.0	DSK16- 3	2.75-3.0	DSK20- 3.5	3.0-3.5	DSK25- 3.5	3.0-3.5
2.5	2.3-2.5	3	2.75-3.0	3.5	3.0-3.5	4	3.5-4.0	4	3.5-4.0
3	2.8-3.0	3.5	3.0-3.5	4	3.5-4.0	4.5	4.0-4.5	4.5	4.0-4.5
3.5	3.0-3.5	4	3.5-4.0	4.5	4.0-4.5	5	4.5-5.0	5	4.5-5.0
4	3.5-4.0	4.5	4.0-4.5	5	4.5-5.0	5.5	5.0-5.5	5.5	5.0-5.5
4.5	4.0-4.5	5	4.5-5.0	5.5	5.0-5.5	6	5.5-6.0	6	5.5-6.0
5	4.5-5.0	5.5	5.0-5.5	6	5.5-6.0	6.5	6.0-6.5	6.5	6.0-6.5
5.5	5.0-5.5	6	5.5-6.0	6.5	6.0-6.5	7	6.5-7.0	7	6.5-7.0
6	5.5-6.0	6.5	6.0-6.5	7	6.5-7.0	7.5	7.0-7.5	7.5	7.0-7.5
		7	6.5-7.0	7.5	7.0-7.5	8	7.5-8.0	8	7.5-8.0
		7.5	7.0-7.5	8	7.5-8.0	8.5	8.0-8.5	8.5	8.0-8.5
		8	7.5-8.0	8.5	8.0-8.5	9	8.5-9.0	9	8.5-9.0
		8.5	8.0-8.5	9	8.5-9.0	9.5	9.0-9.5	9.5	9.0-9.5
		9	8.5-9.0	9.5	9.0-9.5	10	9.5-10.0	10	9.5-10.0
		9.5	9.0-9.5	10	9.5-10.0	10.5	10.0-10.5	10.5	10.0-10.5
		10	9.5-10.0	10.5	10.0-10.5	11	10.5-11.0	11	10.5-11.0
				11	10.5-11.0	11.5	11.0-11.5	11.5	11.0-11.5
				11.5	11.0-11.5	12	11.5-12.0	12	11.5-12.0
				12	11.5-12.0	12.5	12.0-12.5	12.5	12.0-12.5
				12.5	12.0-12.5	13	12.5-13.0	13	12.5-13.0
				13	12.5-13.0	13.5	13.0-13.5	13.5	13.0-13.5
				13.5	13.0-13.5	14	13.5-14.0	14	13.5-14.0
				14	13.5-14.0	14.5	14.0-14.5	14.5	14.0-14.5
				14.5	14.0-14.5	15	14.5-15.0	15	14.5-15.0
				15	14.5-15.0	15.5	15.0-15.5	15.5	15.0-15.5
				15.5	15.0-15.5	16	15.5-16.0	16	15.5-16.0
				16	15.5-16.0	16.5	16.0-16.5	16.5	16.0-16.5
						17	16.5-17.0	17	16.5-17.0
						17.5	17.0-17.5	17.5	17.0-17.5
						18	17.5-18.0	18	17.5-18.0
						18.5	18.0-18.5	18.5	18.0-18.5
						19	18.5-19.0	19	18.5-19.0
						19.5	19.0-19.5	19.5	19.0-19.5
						20	19.5-20.0	20	19.5-20.0
								20.5	20.0-20.5
								21	20.5-21.0
								21.5	21.0-21.5
								22	21.5-22.0
								22.5	22.0-22.5
								23	22.5-23.0
								23.5	23.0-23.5
								24	23.5-24.0
								24.5	24.0-24.5
								25	24.5-25.0
								25.4	25.0-25.4

型號 Specification		D	D1	L
DSK	6	9	7.5	25
	10	13	11.9	30.5
	16	20.3	18.7	45
	20	24	23	50
	25	29.3	28.7	57

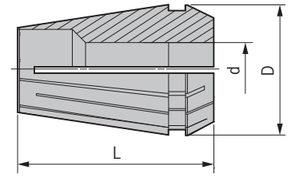
彈性筒夾等級說明 / Spring Collet Precision

■普通級：小于等于0.015mm■A級：小于等于0.01mm■UP級：小于等于0.005mm
■Standard: ≤0.015 mm■A: ≤0.01 mm■UP: ≤0.005 mm

備注：此說明適合于SK筒夾、ER筒夾、SC直筒夾。
Remark:This precision is applied to SK collet\ER collet\SC Straight Collet .

ER/SC-COLLET

ER Collet
ER彈性筒夾



型號 Specification		D	L
ER	11	11.5	18
	16	17	27.5
	20	21	31.5
	25	26	34
	32	33	40
	40	41	46

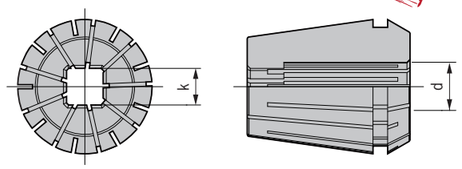
型號 Specification		ER11-13PCS		ER16-10PCS		ER20-12PCS		ER25-15PCS		ER32-19PCS		ER40-24PCS	
		SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm
ER11-	1	1.0-0.5		ER16- 1	1.0-0.5	ER20- 2	2.0-1.0	ER25- 2	2.0-1.0	ER32- 2	2.0-1.0	ER40- 3	3.0-2.0
	1.5	1.5-1.0		2	2.0-1.0	3	3.0-2.0	3	3.0-2.0	3	3.0-2.0	4	4.0-3.0
	2	2.0-1.5		3	3.0-2.0	4	4.0-3.0	4	4.0-3.0	4	4.0-3.0	5	5.0-4.0
	2.5	2.5-2.0		4	4.0-3.0	5	5.0-4.0	5	5.0-4.0	5	5.0-4.0	6	6.0-5.0
	3	3.0-2.5		5	5.0-4.0	6	6.0-5.0	6	6.0-5.0	6	6.0-5.0	7	7.0-6.0
	3.5	3.5-3.0		6	6.0-5.0	7	7.0-6.0	7	7.0-6.0	7	7.0-6.0	8	8.0-7.0
	4	4.0-3.5		7	7.0-6.0	8	8.0-7.0	8	8.0-7.0	8	8.0-7.0	9	9.0-8.0
	4.5	4.5-4.0		8	8.0-7.0	9	9.0-8.0	9	9.0-8.0	9	9.0-8.0	10	10-9.0
	5	5.0-4.5		9	9.0-8.0	10	10-9.0	10	10-9.0	10	10-9.0	11	11-10
	5.5	5.5-5.0		10	10-9.0	11	11-10	11	11-10	11	11-10	12	12-11
	6	6.0-5.5				12	12-11	12	12-11	12	12-11	13	13-12
	6.5	6.5-6.0				13	13-12	13	13-12	13	13-12	14	14-13
	7	7.0-6.5						14	14-13	14	14-13	15	15-14
								15	15-14	15	15-14	16	16-15
								16	16-15	16	16-15	17	17-16
										17	17-16	18	18-17
										18	18-17	19	19-18
										19	19-18	20	20-19
										20	20-19	21	21-20
												22	22-21
												23	23-22
												24	24-23
												25	25-24
												26	26-25

注：ER11-13PCS爲套裝形式，另有止水型ER筒夾可選配。 例：ER32-16C
Note: ER Collet with internal cooling is available. Example: ER32-16C

ER/SC

ER Tapping Collet
ER攻絲刀柄

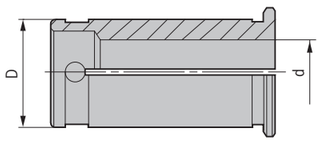
NEW



型號 Specification		d	k	備注通用Taps ISO529(1)	ISO529(2)	JIS	DIN376
ER16-	063050G	6.3	5	M8	M6	-	-
	070055G	7	5.5	-	-	M10;W3/8	M10
	080063G	8	6.3	M10	M8	-	-
	085065G	8.5	6.5	-	-	M12	-
	090071G	9	7.1	M12	-	-	-
ER20-	063050G	6.3	5	M8	M6	-	-
	070055G	7	5.5	-	-	M10;W3/8	M10
	080063G	8	6.3	M10	M8	-	-
	085065G	8.5	6.5	-	-	M12	-
	090071G	9	7.1	M12	-	-	-
ER32-	063050G	6.3	5	M8	M6	-	-
	070055G	7	5.5	-	-	M10;W3/8	M10
	080063G	8	6.3	M10	M8	-	-
	085065G	8.5	6.5	-	-	M12	-
	090071G	9	7.1	M12	-	-	-
	120090G	12	9	-	-	W5/8	M16
	125100G	12.5	10	M16	-	M16	-
	140112G	14	11.2	M18;M20	-	-	-
	150120G	15	12	-	-	M20	-
	160120G	16	12	-	-	-	M20

注：1安裝絲錐時柄方必須伸入筒夾方槽內部 2選型前需確認絲錐柄徑與四方尺寸。
Note: ER Collet with internal cooling is available. Example: ER32-16C

SC Straight Collet
SC强力彈性直筒夾



型號 Specification	D	d	特殊規格 (d)
SC16- 3	16	3	-
4	16	4	-
5	16	5	-
6	16	6	-
7	16	7	-
8	16	8	-
9	16	9	-
10	16	10	-
11	16	11	-
12	16	12	-

型號 Specification	D	d	特殊規格 (d)
SC20- 6	20	6	-
8	20	8	-
10	20	10	-
12	20	12	-
16	20	16	15

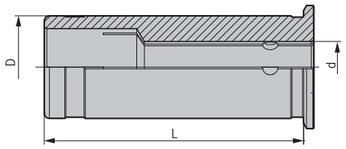
型號 Specification	D	d	特殊規格 (d)
SC32- 6	32	6	-
8	32	8	-
10	32	10	-
12	32	12	-
16	32	16	15
20	32	20	19
25	32	25	24

型號 Specification	D	d	特殊規格 (d)
SC42- 6	42	6	-
8	42	8	-
10	42	10	-
12	42	12	-
16	42	16	15
20	42	20	19
25	42	25	24
32	42	32	31

DHC/ODHC

Hydraulic Collet - Flange Cooling
D型端面出水液壓刀柄轉換筒夾

NEW



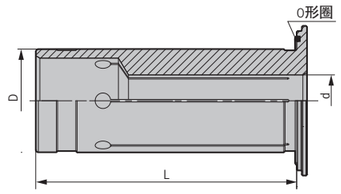
型號 Specification	d	D	L
DHC12- 3	3	12	45
4	4	12	45
5	5	12	45
6	6	12	45
8	8	12	45

型號 Specification	d	D	L
DHC20- 3	3	20	50.5
4	4	20	50.5
5	5	20	50.5
6	6	20	50.5
8	8	20	50.5
10	10	20	50.5
12	12	20	50.5
14	14	20	50.5
16	16	20	50.5

型號 Specification	d	D	L
DHC32- 6	6	32	60.5
8	8	32	60.5
10	10	32	60.5
12	12	32	60.5
14	14	32	60.5
16	16	32	60.5
18	18	32	60.5
20	20	32	60.5
25	25	32	60.5

Hydraulic Collet - Internal Cooling
OD型中心出水液壓刀柄轉換筒夾

NEW



型號 Specification	d	D	L
ODHC12- 3	3	12	45
4	4	12	45
5	5	12	45
6	6	12	45
8	8	12	45

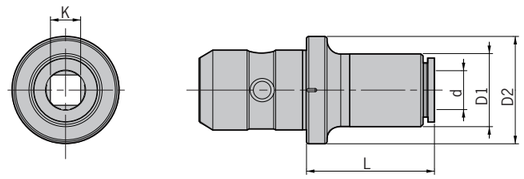
型號 Specification	d	D1	L
ODHC20- 3	3	20	50.5
4	4	20	50.5
5	5	20	50.5
6	6	20	50.5
8	8	20	50.5
10	10	20	50.5
12	12	20	50.5
14	14	20	50.5
16	16	20	50.5

型號 Specification	d	D	L
ODHC32- 6	6	32	60.5
8	8	32	60.5
10	10	32	60.5
12	12	32	60.5
14	14	32	60.5
16	16	32	60.5
18	18	32	60.5
20	20	32	60.5
25	25	32	60.5

TPE

TPE312 Tapping Collet
TPE312 絲錐筒夾

NEW



型號 Specification		d	k	D1	D2	備注通用Taps ISO529(1)	ISO529(2)	JIS	DIN371	DIN376
TPE312-	028021-L	2.8	2.1	20	31	-	-	-	-	M4
	0315025-L	3.15	2.5	20	31	M4	M3	-	-	-
	035027-L	3.5	2.7	20	31	-	-	-	M3	M5
	0400315-L	4	3.15	20	31	M5	M4	-	-	-
	040032-L	4	3.2	20	31	-	-	M3; W1/8	-	-
	045034-L	4.5	3.4	20	31	-	-	-	M4	M6
	0450355-L	4.5	3.55	20	31	M6	-	-	-	-
	050040-L	5	4	20	31	-	M5	M4	-	-
	055045-L	5.5	4.5	20	31	-	-	M5; W3/16	-	-
	060045-L	6	4.5	20	31	-	-	M6; W1/4	-	-
	060049-L	6	4.9	20	31	-	-	-	M5 M6	M8
	061050-L	6.1	5	20	31	-	-	W5/16; W5/16	-	-
	062050-L	6.2	5	20	31	-	-	M8	-	-
	063050-L	6.3	5	20	31	M8	M6	-	-	-
	070055-L	7	5.5	20	31	-	-	M10; W3/8	-	M10
	080060-L	8	6	20	31	-	-	W7/16; PT1/8	-	-
	080062-L	8	6.2	20	31	-	-	-	M8	-
	080063-L	8	6.3	20	31	M10	M8	-	-	-
	085065-L	8.5	6.5	20	31	-	-	M12	-	-
	090070-L	9	7	27	31	-	-	W1/2	-	M12
	090071-L	9	7.1	27	31	M12	-	-	-	-
	100080-L	10	8	27	31	-	M10	-	M10	-

TPE312絲錐筒夾長度 Length of Tapping Collet					
L	L+47	L+77	L+107*	L+137*	L+167*
33	80	110	140	170	200

注：ISO529（1）爲細柄普通粗牙螺紋絲錐；
ISO529（2）爲粗柄普通粗牙螺紋絲錐。
其中“d”，“k”尺寸爲標準絲錐柄部參考數據。
TPE絲錐筒夾分別有六款長度可選，帶*規格需下單制作。例：TPE312-028021-110
Note: Please note the length of the tapping collet when you order. For example: TPE312-028021-110

特 點 / Feature

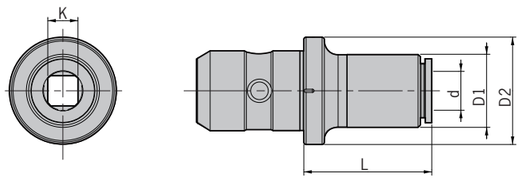
■有内冷却供給；
■絲錐的快速更換；
■符合ISO/JIS/DIN標準的絲錐TPE筒夾可用；
■注意硬質合金絲錐會削弱夾緊力且容易比絲錐筒夾中脱落；
■TPE筒夾無扭力保護；
■請參照絲錐尺寸表；
■TPE筒夾與TPG刀柄組合使用。

■With cooling supply;
■Quick change;
■For taps with standard ISO,JIS and DIN;
■Solid carbide taps will drop off easily;
■With torgue protection;
■Please refer taps chart;
■TPE tapping collet is for TPG tapping chuck.

TPE

TPE1024 Tapping Collet
TPE1024 絲錐筒夾

NEW



型號 Specification		d	k	D1	D2	備注通用Taps ISO529(1)	JIS	DIN371	DIN376
TPE1024-	080060-L	8	6	20	47	-	W7/16; PT1/8	-	-
	080863-L	8	6.3	20	47	M10	-	-	-
	085065-L	8.5	6.5	20	47	-	M12	-	-
	090070-L	9	7	27	47	-	W1/2	-	M12
	090071-L	9	7.1	27	47	M12	-	-	-
	100080-L	10	8	27	47	-	-	M10	-
	105080-L	10.5	8	27	47	-	M14	-	-
	110090-L	11	9	27	47	-	PT1/4	-	M14
	112090-L	11.2	9	27	47	M14	-	-	-
	120090-L	12	9	27	47	-	W5/8	-	M16
	125100-L	12.5	10	27	47	M16	M16	-	-
	140110-L	14	11	32	47	-	M18; W3/4; PT3/8	-	M18
	140112-L	14	11.2	32	47	M18 M20	-	-	-
	150120-L	15	12	32	47	-	M20	-	-
	160120-L	16	12	32	47	-	-	-	M20
	160125-L	16	12.5	32	47	M22	-	-	-
	170130-L	17	13	32	47	-	M22; W7/8	-	-
	180140-L	18	14	36	47	M24	PT1/2	-	-
	180145-L	18	14.5	36	47	-	-	-	M22; M24
	190150-L	19	15	36	47	-	M24	-	-

TPE312絲錐筒夾長度 Length of Tapping Collet					
L	L+45	L+75	L+105	L+135*	L+165*
55	100	130	160	190*	220

注：ISO529（1）爲細柄普通粗牙螺紋絲錐；
ISO529（2）爲粗柄普通粗牙螺紋絲錐。
其中“d”，“k”尺寸爲標準絲錐柄部參考數據。
TPE絲錐筒夾分別有六款長度可選，帶*規格需下單制作。例：TPE1024-080060-100
Note: Please note the length of the tapping collet when you order. For example: TPE1024-080060-100

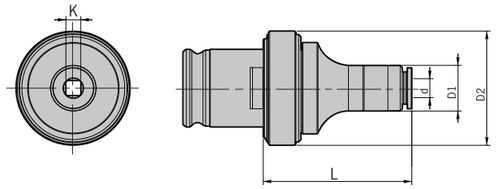
特 點 / Feature

■有内冷却供給；
■絲錐的快速更換；
■符合ISO/JIS/DIN標準的絲錐TPE筒夾可用；
■注意硬質合金絲錐會削弱夾緊力且容易比絲錐筒夾中脱落；
■TPE筒夾無扭力保護；
■請參照絲錐尺寸表；
■TPE筒夾與TPG刀柄組合使用。

■With cooling supply;
■Quick change;
■For taps with standard ISO,JIS and DIN;
■Solid carbide taps will drop off easily;
■With torgue protection;
■Please refer taps chart;
■TPE tapping collet is for TPG tapping chuck.

TPD

TPD316 Tapping Collet
TPD316 絲錐筒夾



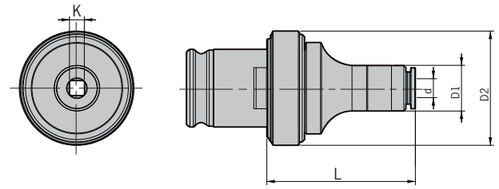
型號 Specification		d	k	D1	D2	備注通用Taps ISO529(1)	ISO529(2)	JIS	DIN371	DIN376
TPD316-	028021-L	2.8	2.1	20	33	-	-	-	-	M4
	0315025-L	3.15	2.5	20	33	M4	M3	-	-	-
	035027-L	3.5	2.7	20	33	-	-	-	M3	M5
	0400315-L	4	3.15	20	33	M5	M4	-	-	-
	040032-L	4	3.2	20	33	-	-	M3; W1/8	-	-
	045034-L	4.5	3.4	20	33	-	-	-	M4	M6
	0450355-L	4.5	3.55	20	33	M6	-	-	-	-
	050040-L	5	4	20	33	-	M5	M4	-	-
	055045-L	5.5	4.5	20	33	-	-	M5; W3/16	-	-
	060045-L	6	4.5	20	33	-	-	M6; W1/4	-	-
	060049-L	6	4.9	20	33	-	-	-	M5 M6	M8
	061050-L	6.1	5	20	33	-	-	W5/16	-	-
	062050-L	6.2	5	20	33	-	-	M8	-	-
	063050-L	6.3	5	20	33	M8	M6	-	-	-
	070055-L	7	5.5	20	33	-	-	M10; W3/8	-	M10
	080060-L	8	6	20	33	-	-	W7/16; PT1/8	-	-
	080062-L	8	6.2	20	33	-	-	-	M8	-
	080063-L	8	6.3	20	33	M10	M8	-	-	-
	085065-L	8.5	6.5	20	33	-	-	M12	-	-
	090070-L	9	7	27	33	-	-	W1/2	-	M12
	090071-L	9	7.1	27	33	M12	-	-	-	-
	100080-L	10	8	27	33	-	M10	-	M10	-
	105080-L	10.5	8	27	33	-	-	M14	-	-
	110090-L	11	9	27	33	-	-	PT1/4	-	M14
	112090-L	11.2	9	27	33	M14	-	-	-	-
	120090-L	12	9	27	33	-	-	W5/8	-	M16
	125100-L	12.5	10	27	33	M16	-	M16	-	-

TPD絲錐筒夾長度 Length of Tapping Collet		
L	L+60	L+100
45	105	145

注：ISO529（1）爲細柄普通粗牙螺紋絲錐；
ISO529（2）爲粗柄普通粗牙螺紋絲錐。
其中“d”，“k”尺寸爲標準絲錐柄部參考數據。
TPD316絲錐筒夾分別有三款長度可選。例：TPD316-028021-105
Note: Please note the length of the tapping collet when you order. For example: TPD316-028021-105

TPD

TPD830 Tapping Collet
TPD830 絲錐筒夾



型號 Specification		d	k	D1	D2	備注通用Taps ISO529(1)	JIS	DIN371	DIN376
TPD830-	060049-L	6	4.9	20	50	-	-	-	M8
	061050-L	6.1	5	20	50	-	W5/16	-	-
	062050-L	6.2	5	20	50	-	M8	-	-
	063050-L	6.3	5	20	50	M8	-	-	-
	070055-L	7	5.5	20	50	-	M10; W3/8	-	M10
	080060-L	8	6	20	50	-	W7/16; PT1/8	-	-
	080062-L	8	6.2	20	50	-	-	M8	-
	080063-L	8	6.3	20	50	M10	-	--	-
	085065-L	8.5	6.5	20	50	-	M12	-	-
	090070-L	9	7	27	50	-	W1/2	-	M12
	090071-L	9	7.1	27	50	M12	-	-	-
	100080-L	10	8	27	50	-	-	M10	-
	105080-L	10.5	8	27	50	-	M14	-	-
	110090-L	11	9	27	50	-	PT1/4	-	M14
	112090-L	11.2	9	27	50	M14	-	-	-
	120090-L	12	9	27	50	-	W5/8	-	M16
	125100-L	12.5	10	27	50	M16	M16	-	-
	140110-L	14	11	32	50	-	M18; W3/4; PT3/8	-	M18
	140112-L	14	11.2	32	50	M18; M20	-	-	-
	150120-L	15	12	32	50	-	M20	-	-
	160120-L	16	12	32	50	-	-	-	M20
	160125-L	16	12.5	32	50	M22	-	-	-
	170130-L	17	13	32	50	-	M22; W7/8	-	-
	180140-L	18	14	36	50	M24	PT1/2	-	-
	180145-L	18	14.5	36	50	-	-	-	M22; M24
	190150-L	19	15	36	50	-	M24	-	-
	200150-L	20	15	36	50	-	M27; W1 PT5/8	-	-
	200160-L	20	16	36	50	M27; M30	-	-	M27
	220180-L	22	18	36	50	-	-	-	M30
	230170-L	23	17	36	50	-	M30; PT3/4	-	-

TPD絲錐筒夾長度 Length of Tapping Collet		
L	L+60	L+100
65	125	165

注：ISO529（1）爲細柄普通粗牙螺紋絲錐；
ISO529（2）爲粗柄普通粗牙螺紋絲錐。
其中“d”，“k”尺寸爲標準絲錐柄部參考數據。
TPD830絲錐筒夾分別有三款長度可選。例：TPD830-060049-125
Note: Please note the length of the tapping collet when you order. For example: TPD830-060049-125

DSK-J/GSK-J/GSK-NUT

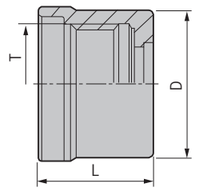
J-Nut for High Speed Tool Holder
高速刀柄J型螺帽

NEW

J型螺帽型號 J-nut DSK	J型螺帽型號 J-nut GSK	中心出水密封蓋型號 Nut Seal (Internal Cooling)	扳手型號 Wrench
DSK6-J	GSK6-J	MSK6-C3、3.3、4、4.2、5、6	WMSK6
DSK10-J	GSK10-J	MSK10-C3、4、4.5、5、5.5、6、6.2、6.5、6.8、7、8、8.5、10	WMSK10
DSK16-J	GSK16-J	MSK16-C7、8、8.5、10、10.3、11、11.5、12、12.5、13.5、14、15、16	WMSK16
DSK20-J	GSK20-J	MSK20-C8、10、12、16、17.5、20	WMSK20
DSK25-J	GSK25-J	MSK25-C8、10、12、16、17、17.5、18、20、25	WMSK25

J型螺帽型號 J-nut DSK	J型螺帽型號 J-nut GSK	端面出水密封蓋型號 Nut Seal(Flange Cooling)	扳手型號 Wrench
DSK6-J	GSK6-J	MSK6-D3、3.3、4、4.2、5、6	WMSK6
DSK10-J	GSK10-J	MSK10-D3、4、4.5、5、5.5、6、6.2、6.5、6.8、7、8、8.5、10	WMSK10
DSK16-J	GSK16-J	MSK16-D7、8、8.5、10、10.3、11、11.5、12、12.5、13.5、14、15、16	WMSK16
DSK20-J	GSK20-J	MSK20-D8、10、12、16、17.5、20	WMSK20
DSK25-J	GSK25-J	MSK25-D8、10、12、16、17、17.5、18、20、25	WMSK25

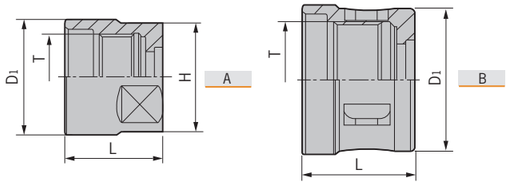
Clamping Nuts For GSK Collet Chuck
GSK高速刀柄專用螺帽



型號 Specification		D	L	T
GSK	6	19.5	21	M15.5x1.0P
	10	27	24	M21.5x1.0P
	16	40	31	M32x1.5P
	20	48	33	M40x1.0P
	25	55	37	M45x1.5P

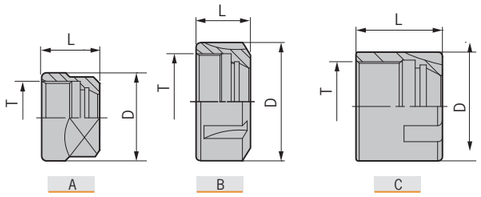
DSK/ER-NUT

Clamping Nuts For DSK Collet Chuck
DSK高速刀柄專用螺帽



型號 Specification		圖示 Figure	D1	H	L	T
DSK	6-A	A	20	18	21	M15.5x1.0P
	10-A	A	27.5	25	24	M21.5x1.0P
	16-M	B	40.5	-	31	M32x1.5P
	20-M	B	48	-	33	M40x1.0P
	25-M	B	55	-	37	M45x1.5P

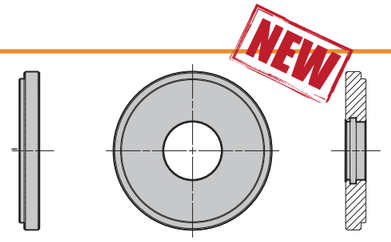
Clamping Nut For ER Collet Chuck
ER夾頭螺帽



型號 Specification		圖示 Figure	D	L	T
CNA-	ER16	A	28	17.5	M22XP1.5
	ER20	A	34	19	M25XP1.5
CNU-	M/RD-ER25	B	42	20	M32XP1.5
	M/RD-ER32	B	50	22.5	M40XP1.5
	M/RD-ER40	B	63	25.5	M50XP1.5
CNM-	ER11	C	16	12	M13XP0.75
	ER16	C	23	18	M19XP1.0
	ER20	C	28	19	M24XP1.0
	ER25	C	35	20	M30XP1.0

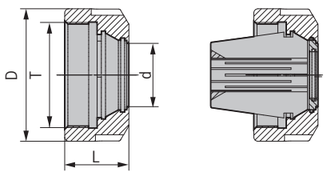
ER/SC-COLLET

Seal Ring For ER Clamping Nut
ER螺帽止水環



型號 Specification

MER16		MER20		MER25		MER32		MER40	
SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm
MER16- C3.5	3.5	MER20- C3.5	3.5	MER25- C3.5	3.5	MER32- C3.5	3.5	MER40- C3.5	3.5
C4	4	C4	4	C4	4	C4	4	C4	4
C4.5	4.5	C4.5	4.5	C4.5	4.5	C4.5	4.5	C4.5	4.5
C5	5	C5	5	C5	5	C5	5	C5	5
C5.5	5.5	C5.5	5.5	C5.5	5.5	C5.5	5.5	C5.5	5.5
C6	6	C6	6	C6	6	C6	6	C6	6
C6.5	6.5	C6.5	6.5	C6.5	6.5	C6.5	6.5	C6.5	6.5
C7	7	C7	7	C7	7	C7	7	C7	7
C7.5	7.5	C7.5	7.5	C7.5	7.5	C7.5	7.5	C7.5	7.5
C8	8	C8	8	C8	8	C8	8	C8	8
C8.5	8.5	C8.5	8.5	C8.5	8.5	C8.5	8.5	C8.5	8.5
C9	9	C9	9	C9	9	C9	9	C9	9
C9.5	9.5	C9.5	9.5	C9.5	9.5	C9.5	9.5	C9.5	9.5
C10	10	C10	10	C10	10	C10	10	C10	10
		C10.5	10.5	C10.5	10.5	C10.5	10.5	C10.5	10.5
		C11	11	C11	11	C11	11	C11	11
		C11.5	11.5	C11.5	11.5	C11.5	11.5	C11.5	11.5
		C12	12	C12	12	C12	12	C12	12
		C12.5	12.5	C12.5	12.5	C12.5	12.5	C12.5	12.5
		C13	13	C13	13	C13	13	C13	13
				C13.5	13.5	C13.5	13.5	C13.5	13.5
				C14	14	C14	14	C14	14
				C14.5	14.5	C14.5	14.5	C14.5	14.5
				C15	15	C15	15	C15	15
				C15.5	15.5	C15.5	15.5	C15.5	15.5
				C16	16	C16	16	C16	16
						C16.5	16.5	C16.5	16.5
						C17	17	C17	17
						C17.5	17.5	C17.5	17.5
						C18	18	C18	18
						C18.5	18.5	C18.5	18.5
						C19	19	C19	19
						C19.5	19.5	C19.5	19.5
						C20.5	20.5	C20	20
								C20.5	20.5
								C21	21
								C21.5	21.5
								C22	22
								C22.5	22.5
								C23	23
								C23.5	23.5
								C24	24
								C24.5	24.5
								C25	25
								C25.5	25.5
								C26	26



型號 Specification		D	d	L	T
ER	16-J	28	11.1	22.5	M22x1.5-6H
	20-J	34	14.1	26	M25x1.5-6H
	25-J	42	19.1	25.5	M32x1.5-6H
	32-J	50	24.1	27.5	M40x1.5-6H
	40-J	63	30.1	30.5	M50x1.5-6H

TSK/ER/WHPM-WRENCH

Wrench For GSK Tool Holder
GSK套筒專用扳手

型號 Specification		適用螺帽 Clamping nut	重量 Weight
WGSK	6	GSK6	0.30
	10	GSK10	0.35
	16	GSK16	0.40
	20	GSK20	0.50
	25	GSK25	0.55

Wrench For DSK Tool Holder
DSK專用扳手

型號 Specification		適用螺帽 Clamping nut	重量 Weight
TSK	6-A	DSK6	0.10
	10-A	DSK10	0.10
	16-M	DSK16	0.20
	20-M	DSK20	0.30
	25-M	DSK25	0.40

Wrench For ER Tool Holder
ER專用扳手

型號 Specification	適用螺帽 Clamping nut	重量 Weight
ER 16-A	CNA-ER16	0.10
20-A	CNA-ER20	0.10
11-M	CNM-ER11	0.20
16-M	CNM-ER16	0.20
20-M	CNM-ER20	0.20
25-M	CNM-ER25	0.20
25-UM.KM/RD	CNU-ER25	0.20
32-UM.KM/RD	CNU-ER32	0.20
40-UM.KM/RD	CNU-ER40	0.30

Wrench For Milling Chuck HPM
HPM强力彈性套筒專用扳手

型號 Specification		適用本體 Tool holder	重量 Weight
WHPM	16	HPM16	0.40
	20	HPM20	0.50
	32	HPM32	0.60

MLC/SPU/WTPD/WMSK-WRENCH

Wrench For Tool Holder MLC/HPC
MLC强力筒夾本體專用扳手

型號 Specification	適用本體 Tool holder	重量 Weight
SP-MLC 20	MLC20/HPC20	0.20
32	MLC32/HPC32	0.30
42	MLC42/HPC42	0.45

Wrench For Drill Chuck SPU
SPU鑽夾頭專用扳手

型號 Specification	適用本體 Tool holder	重量 Weight
SP-SPU 8	SPU8	0.10
13	SPU13	0.12
16	SPU16	0.12

Wrench For TPD Tapping Collet
TPD絲錐筒夾扳手

型號 Specification	適用本體 Tool holder	重量 Weight
WTPD 316	TPD316	0.10
830	TPD830	0.12

Wrench For MSK Nuts Seal
MSK密封蓋專用扳手

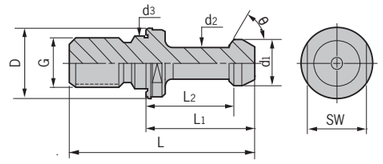
型號 Specification	適用密封蓋 Nut Seal	重量 Weight
WMSK 6	MSK6	0.10
10	MSK10	0.10
16	MSK16	0.20
20	MSK20	0.20

Wrench For DC Extender
DC延長杆專用扳手

型號 Specification	適用本體 Tool holder	重量 Weight
WDC	DC	0.10

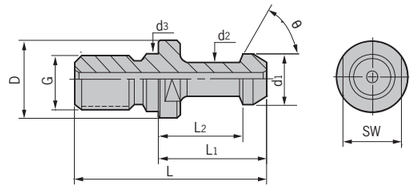
BT/SK-PULL STUD

BT Pull Stud Without Hole
BT螺栓拉頭



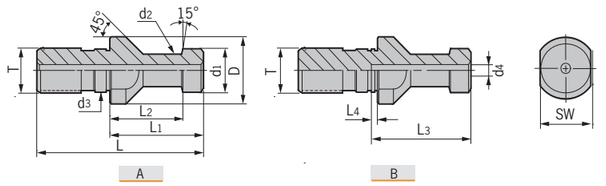
型號 Specification	D	d1	d2	d3	L1	L2	L	θ	G	SW	重量 Weight
BT30- 45	16.5	11	7	12.5	23	18	43	45°	M12	13	0.03
60	16.5	11	7	12.5	23	18	43	60°	M12	13	0.03
BT40- 45	23	15	10	17	35	28	60	45°	M16	19	0.07
60	23	15	10	17	35	28	60	60°	M16	19	0.07
90	23	15	10	17	35	28	60	90°	M16	19	0.07
BT50- 45	38	23	17	25	45	35	85	45°	M24	30	0.25
60	38	23	17	25	45	35	85	60°	M24	30	0.25
90	38	23	17	25	45	35	85	90°	M24	30	0.25

BT Pull Stud With Cooling Hole
BT螺栓出水拉頭



型號 Specification	給水孔徑 Coolant dia.	D	d1	d2	d3	L1	L2	L	θ	G	SW	重量 Weight
BT40- 45C	4	23	15	10	17	35	28	60	45°	M16	19	0.07
60C	4	23	15	10	17	35	28	60	60°	M16	19	0.07
90C	4	23	15	10	17	35	28	60	90°	M16	19	0.07
BT50- 45C	6	38	23	17	25	45	35	85	45°	M24	30	0.25
60C	6	38	23	17	25	45	35	85	60°	M24	30	0.25
90C	6	38	23	17	25	45	35	85	90°	M24	30	0.25

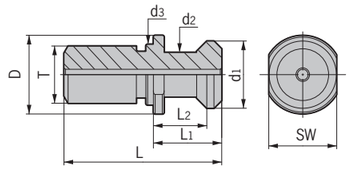
SK Pull Stud With Cooling Hole
SK螺栓拉頭



型號 Specification	圖示 Figure	D	d1	d2	d3	d4	L1	L2	L3	L4	L	SW	T	重量 Weight
SK- 30A	A	17	13	9	13	-	24	19	24	-	44	14	M12	0.03
40A	A	23	19	14	17	7	26	20	26	3.0	54	19	M16	0.05
50A	A	36	28	21	25	11.5	34	25	34	4.5	74	30	M24	0.30
SK- 40B	B	23	19	14	17	7	26	20	27	3.0	54	19	M16	0.05
50B	B	36	28	21	25	11.5	34	25	37	4.5	74	30	M24	0.30

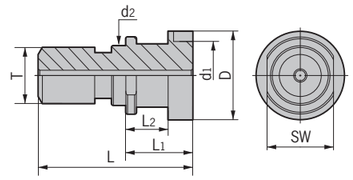
MAZAK/DIN2080/MTB-PULL STUD

MAZAK Pull Stud
MAZAK螺栓拉頭



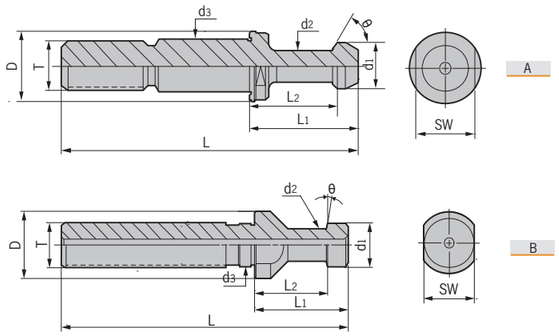
型號 Specification		D	d1	d2	d3	L	L1	L2	SW	T	重量 Weight
MAZAK-	**40**	22	18.8	12.45	17	44.1	19.1	14	19	M16	0.02
	50	37	28.96	20.83	25	65.2	25.2	25.55	30	M24	0.10

DIN2080 Pull Stud
DIN2080螺栓拉頭



型號 Specification		D	d1	d2	L	L1	L2	SW	T	重量 Weight
DIN2080-	**40**	25	21.1	17	53	25	13.6	19	M16	0.06
	50	39.3	32	25	65	25	13.35	30	M24	0.30

MTB Tension Screw
MTB拉緊拉頭



型號 Specification		圖示 Figure	D	d1	d2	d3	L1	L2	L	θ	G	SW	重量 Weight
BT30-	**45-MT2**	A	16.5	11	7	12	23	18	105	45°	M10	13	0.07
BT40-	**45-MT3**	A	23	15	10	17	35	28	110	45°	M12	19	0.10
	45-MT4	A	23	15	10	17	35	28	110	45°	M16	19	0.10
BT50-	**45-MT5**	A	38	23	17	25	45	35	165	45°	M20	30	0.65
SK30-	**15-MT2**	B	17	13	9	13	24	19	105	15°	M10	14	0.07
SK40-	**15-MT3**	B	23	19	14	17	26	20	100	15°	M12	19	0.10
	15-MT4	B	23	19	14	17	26	20	100	15°	M16	19	0.10
SK50-	**15-MT5**	B	36	28	21	25	34	25	145	15°	M20	30	0.65

Shrink-Fit Principle
電磁誘導加熱原理（熱脹冷縮）

快速加熱原理 / Heating

由加熱器內之感應綫圈，產生高頻電磁波使刀杆感應電流而快速加熱，使刀柄內孔擴張，提升換刀效率。
When the induction coils works with electricity, the shank of the tool holderwhich placed in the coils heating system, is heated and expands.

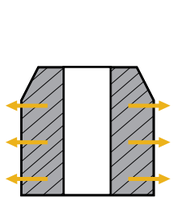
冷卻原理 / Cooling

利用空壓機之强制降温冷却，使刀杆能迅速到達常温狀態。（冷却時間與空壓機馬力大小成正比）
Cooling with compressed air to room temperature. (Cooling time is inversely proportional to the power of air compressor)

例：BT40–SF12–90

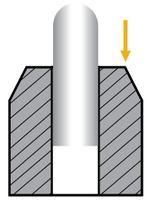
加熱20–24秒
Heating Time:20-24″

冷却180秒
Cooling Time:180″



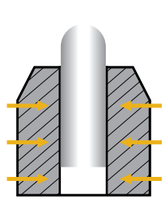
加熱
Heating

將刀具置加熱器內加熱，
時間約20–24秒
Place tool holder in heating
machine 20-24s for heating



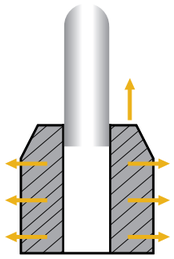
置入刀具
Inserting

將刀具置入加熱膨
脹後的刀柄
Insert the cutter
to the expanded holder



固定夾持
Cooling

温度冷却收縮後的刀柄，
可穩固夾持刀具
Cool the holder
and hold the cutter



取出
Removing

刀柄在加熱膨脹後，
可輕易取出刀具
Heat the holder
and remove the cutter

操作便利安全 / User–Friendly With High Security

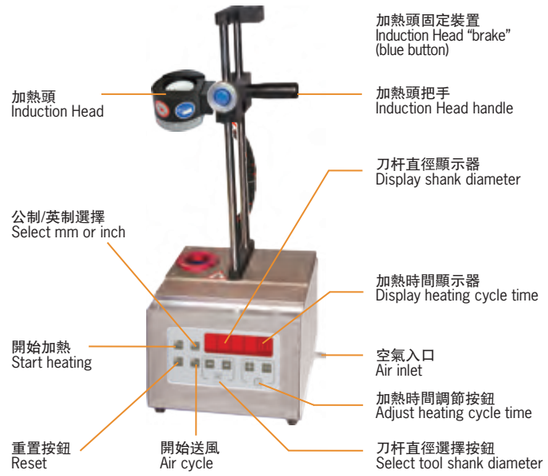
刀杆被加熱至換刀温度後，約五秒後自動開啓送風裝置冷却刀杆，不必移動加熱器，提高操作之安全性。
When the holder is heated to the temperature to remove the cutter, the cooling system will be switched on automatically.
No bothering to remove the heater.

SF-MACHINE

Heating Machine
電磁誘導加熱

熱縮機所需 / Machine Requirements

- 電力供應
- Electrical supply
- 空氣供應
- Air supply



型號 Specification	加熱時間 Shrinktime	冷却方式 Coolingofinductor	輸出電源 Voltage	瞬間輸出最大功率 Power	適用刀具材質 Tools	範圍 Range	LxWxH (mm)	重量 Weight
SF-300	20-24"	風冷 Air Cooling	SINGLE-PHASE 220V 50/60HZ 15AMP	2000~3000W	鎢鋼 Carbide	Φ3 - 20 mm 標配 Φ18 - 32 mm 選配	300x300x685	20KG

Tool Holder Adapter
變徑刀柄座

型號 Specification
HSK 40-SF
50-SF
63-SF
100-SF
BT 30-SF
40-SF
50-SF

型號 Specification
AD-DSF

用途：用于固定不同規格刀杆尺寸上
For different sizes of holders

Induction Head
加熱頭

型號 Specification
SF-HC-3-20 標配
SF-HC-18-32 選配

用途：用于加熱不同規格尺寸
Induction for different sizes of cutters

Induction Ring
導熱環

型號 Specification
SFIR3-5
SFIR6-12
SFIR14-20
SFIR25-32

用途：有效隔絕熱源、冷空氣與外界接觸
To prevent the heating and cooling part from outside environment

Clamp For Tools
刀具夾持器

型號 Specification
CFCT-3
CFCT-4
CFCT-6
CFCT-8
CFCT-10
CFCT-12

用途：用于置入、取出刀具用，
并可設定刀具長度
For inserting and removing the cutting tools from tool holder;
Setting either the overhang length or insertion length of the cutting tool.

HSK Tool Holder Sleeve
HSK套筒

型號 Specification
SFTHS84*101

用途：用于固定不同規格刀杆尺寸上
Supporting holder during tool changes

Operating Instructions
注意事項

使用工具
Tools That Can Be Used

- 請使用超硬刀具。高速鋼刀具不能熱卸。
- 使用公差範圍外的刀具是刀柄破損和發生滑落事故的原因。
- 另外，刀具柄部的細小鐵屑等附着物會和阻礙夾持孔正常裝夾，造成刀具無法拔出。
- Please use the carbide cutter. No HSS cutter.
- No shrink release is possible for any tool for high speed steel.
- A tools exceeding its tolerance can cause breakage or slippage.

佩戴耐熱手套
Take Care To Avoid Burns

- 熱裝作業時，會産生高温，非常危險，請務必佩戴耐熱手套。
- Take care to avoid burns:Because the metal becomes quite hot during heating operation, be sure to wear gloves.

拉釘（BT）
Retention Knob(BT)

- 請利用出水拉釘，否則請將拉釘取下後再進行加熱。
- 通常拉釘不排出空氣就不能放入刀具。
- Use a retention knob that has perforations, or remove the retention knob and heat it.
- The typical retention knob has no vent to release air, preventing tools from being inserted.

冷卻液導管(HSK)
Coolant Duct(HSK)

- 帶着冷却液導管加熱時，會破壞導管的O型環。
- 加熱時，請卸下冷却液導管。
- 不利用冷却液貫穿時，請準備可以安裝着進行熱裝卸的仿真導管。
- Remove the coolant duct before heating the holder, heating the holder with coolant duct attached,
- the o-ring will be damaged.
- A dummy duct is available for coolant shrinking and removing in place.

Operating Instructions
注意事項

用外部空氣冷卻
Cooling By Air From Outside

- 在HRB-03S、HRB-02S、HRB-01中、用外部空氣冷却時，不要將空氣直接加到熱裝裝置上。
- 電熱器内的風扇熔化，出現故障。
- Do not directly apply air to the shrink-fitting heater when cooling the HRB-03S, HRB-02S or HRB-01 using air from the outside.
- The fan in the heater will melt resulting in a breakdown.

水冷時的注意
Precautions For Water-Cooling

- 熱裝之後水冷，産生大量水蒸氣，有燙傷的危險性。
- 請在熱裝裝置冷却1分鐘以上（COOL狀態）之後進行水冷。
- 請完全除去水分。殘留水分後，生銹會引起刀柄破損。
- Water-cooling immediately after shrink fitting may result in burns due to the large quantity of steam generated.
- Be sure to set the shrink-fitting heater setting to cool and cool the holder for at least one minute before water-cooling it.
- Moisture left on the holder may lead to rust formation and damage to the holder. so be sure to completely remove all moisture.