

TAI STAR



**台斯達實業股份有限公司
速利达实业有限公司**

[Http://www.sld.com.hk](http://www.sld.com.hk)

Product Catalog
產品目錄



生產車間、設計檢測中心一覽

Production workshop, design and testing Center



與客戶技術交流、模具冷卻系統和螺紋知識培訓

Technical Communication with Customers, mold cooling system and thread knowledge training



全體員工海外旅游掠影

All employees domestic and overseas tourism glimpse



常用模具止水栓、止付螺絲及水嘴，您用對了嗎？

您的模具常漏水漏油是什麼原因造成的？關鍵在哪？

這2張圖希望能協助您！台斯達（速利達）關♥您的模具！

普通止水栓



橡膠不耐高溫，小於100°C
 不耐油、不耐酸鹼
 矽膠不耐油，小於150°C
 氟膠耐高溫200°C
 耐油、耐酸鹼
 鐵螺絲不耐酸鹼，易生銹
 不銹鋼螺絲性能穩定，壽命長

德式止水栓



機械式結構
 無密封圈
 性能穩定
 鎖緊力強
 耐油耐高溫
 大於200°C

銅止付螺絲



銅材延展性好
 密封性優
 耐油耐溫
 大於200°C
 性能適中
 不易損壞
 模具內牙

不銹鋼止付螺絲

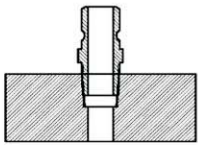


耐油、耐酸鹼
 耐高溫
 大於200°C

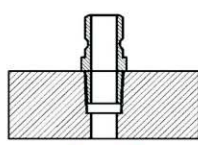
平面油封止付螺絲



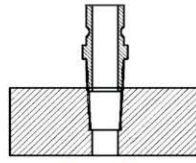
密封性能穩定，
 裝配簡單，
 無需密封填料，
 橡膠型耐溫100°C
 氟膠型耐溫200°C
 紅銅墊圈型耐溫200°C
 以上



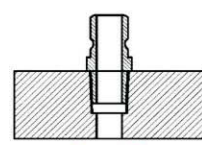
正確配合
 內外螺紋都正確
 有裝配余量
 密封性能好
 密封填料需求少
 密封填料固定



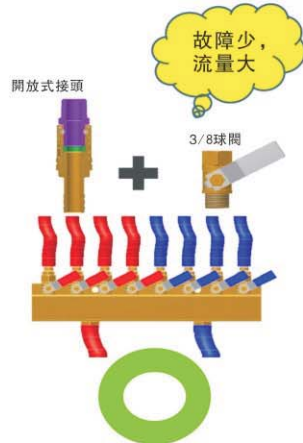
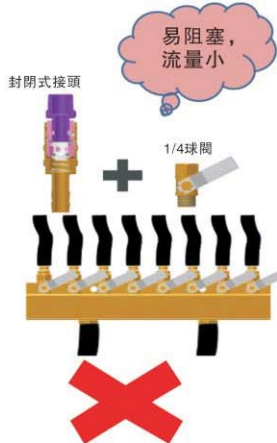
錯誤配合
 外螺紋正確
 內螺紋錯誤
 無裝配余量
 內螺紋偏大
 容易洩漏
 需要更多的密封填料



錯誤配合
 外螺紋正確
 內螺紋錯誤
 裝配不了



錯誤配合
 內螺紋正確
 外螺紋錯誤
 無裝配余量
 外螺紋偏小
 容易洩漏
 需要更多的密封填料



您的射出成形工廠模具水路（分流器、接頭、水管）用對了嗎？

希望這張圖對您的射出成形廠有幫助

不要模流分析及模具做得很好

最後把關的模具水路確用錯，冷卻效果大打折扣

****台斯達（速利達）關♥您模具的冷卻效果****

註：射出成形廠進出水，該用顏色管理了，

藍色是（進水），紅色是（出水）

Catalog

目錄

A. 冷卻系統 Cooling System



德式模具用快速接頭、水嘴
(German Mold Coupling and Nipple)
A01-A05



美式模具用快速接頭、水嘴
(American Mold Coupling and Nipple)
A06-A10



臺式模具用快速接頭、水嘴
(Taiwanese Mold Coupling and Nipple)
A11



日式模具用快速接頭、水嘴
(Japanese Mold Coupling and Nipple)
A12-A13



法式模具用快速接頭、水嘴
(French Mold Coupling and Nipple)
A14-A16



法式多路組合接頭
(Multiple-combine Coupling)
A17



其它模具用快速接頭
(Other Mold Coupling and Nipple)
A18-A22



KZE開閉式液壓快速接頭
(KZE ON-OFF type Hydraulic Quick Coupling)
A23



LCI開閉式液壓快速接頭
(LCI ON-OFF type Hydraulic Quick Coupling)
A24



KZD中壓高性能氣液快速接頭
(KZD High-power Air & Hydraulic Quick Coupling)
A25



KZF不銹鋼開閉式氣液快速接頭
(KZF ON-OFF type Stainless-steel Air & Hydraulic Quick Coupling)
A26



KZB開閉式液壓快速接頭
(KZB ON-OFF type Hydraulic Quick Coupling)
A27



KZH開閉式液壓快速接頭
(KZH ON-OFF type Hydraulic Quick Coupling)
A28



S系列快速接頭
(S-series Quick Coupling)
A29



TSMS 氣液快速接頭
(TSMS Pneumatic & Hydraulic Quick Coupling)
A30



杠杆鎖定式快速接頭
(Lever locking type quick joint)
A31-A32

Catalog

目錄

A. 冷却系統 Cooling System



傳統水嘴
(Traditional Nipple)
A33



內外牙水嘴
(Joint Nipple)
A34



無縫鋼管
(Seamless Steel Tube)
A35



雙膠圈隔水片
(Double Seal Straight Brass Plug Baffle)
A35



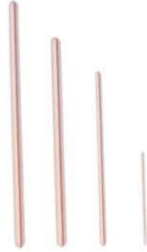
隔水片
(Straight Brass Plug Baffle)
A36-A37



螺旋水套
(Plastic Spiral Tube)
A38



運水蕊
(Water Core For Transportation)
A39-A40



冷却棒 (熱管)
(Heat-Sink Tube)
A41



串接式接頭
(Cascade - High Flow type)
A42



串接式接頭
(Cascade - Hex Key type)
A43



串接式接頭
(Cascade - Nipple type)
A44



串接式接頭
(Cascade - Quick Coupling type)
A45



旋轉接頭
(Revolving Coupling)
A46-A47



冷却管
(Cooling Tube)
A48



緊固接頭
(Fastening Coupling)
A49



可伸縮接頭
(Scalable Coupling)
A51



可彎型接頭
(Flexible Coupling)
A51



止水栓
(Water Stopper)
A52



止付螺絲
(Stop Screw/Set Screw)
A53

Catalog

目錄

A. 冷卻系統 Cooling System



德式水塞
(German-type Sealing Plug)
A53



德式堵頭
German-type (Stopper)
A53



德式喉跔
(German-type Hoop)
A54



美式喉跔
(US-type Hoop)
A54



凡而考克
(Valve Cock)
A54



透視管
(Flow Meter)
A54



分流器
(Divergence)
A55-A59



精密型分流器
(Fine Transparent Divergence)
A60-A61



集水器
(Water Collector)
A62-A64

B. 模具配件 Plastic Injection Mold Parts



C式模具章
(C Type Date Marked Pin)
B1



D式模具章
(D Type Date Marked Pin)
B2



E式模具章
(E Type Date Marked Pin)
B3



J式模具章
(J Type Date Marked Pin)
B4



H式模具章
(H Type Date Marked Pin)
B5



T式模具章
(T Type Date Marked Pin)
B6



O式模具章
(O Type Date Marked Pin)
B7



Z式模具章
(Z Type Date Marked Pin)
B8

Catalog

目錄

B. 模具配件 Plastic Injection Mold Parts



A型压铸模日期章
(A Type Date Marked for Die Casting)
B9



B型压铸模日期章
(B Type Date Marked for Die Casting)
B10



C型压铸模日期章
(C Type Date Marked for Die Casting)
B11



螺丝型压铸模日期章
(Screw Type Date Marked for Die Casting)
B12



微型日期章
(Miniature Marked Pin)
B13



大型模具日期章
(Big-mold-use Date Marked Pin)
B14



鍍銅日期章
(BeCu type Date Marked Pin)
B15



可調整型日期章
(Adjustable type Date Marked Pin)
B16



環保章
(Environmental Protection Marked Pin)
B17



H式氣頂
(Air Valve)
B18



氣動頂針(空氣梢)
Air-Jet Valve
B19



空氣梢
(Air Poppet Valve)
B20



圓柱型導位輔助器
(Taper Pin Set)
B21



導位固定塊
(Locking Block Set GLK Type)
B22



導位固定塊
(Locking Block Set GLM Type)
B23



導位固定塊
(Side Lock Set GTL Type)
B24

Catalog

目錄

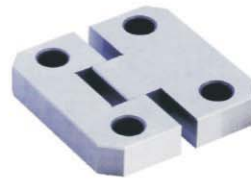
B. 模具配件 Plastic Injection Mold Parts



導位固定塊
(Locking Block Set GSL Type)
B25



方型導引柱/導引塊
(Square Guide Bar/ Guide Retainer)
B26



方型輔助
(Straight Block Set)
B27



X型直式導位互鎖組件
X-Style Straight Inter Lock
B28



導位輔助器
(Taper Block Set-GTBS Type)
B29



導位固定塊組件 (三件式)
Locating Block Set
B30



導位固定塊組件 (直式)
Locating Block Set (Straight Type)
B31



導位輔助器
(Taper Block Set-GTBL Type)
B32



SZ5130定位器
(Locator)
B33



Locator
B33



SZ5140定位器
(Locator)
B34



Locator
B34



D式限位夾
(Slide Retainer D Type)
B35



定位珠(定位螺絲)
(Ball Plunger)
B36-B39



E式行位鎖
(Slide Retainer E Type)
B40



D式行位鎖
(Slide Retainer D Type)
B41

Catalog

目錄

B. 模具配件 Plastic Injection Mold Parts



C式限位夾
(Slide Retainer C Type)
B42



強制回位開關
(Pressure Sleeve and Bush)
B43



射銷斜座
(Inclined Ejector Core Unit)
B44



無給油耐磨板、耐磨鐵
(Oil-free Slide Plate, Wearable Plate)
B45-B46



自動潤滑導杆襯套
(Guide Bushe Self-lubricating)
B47



石墨鋼導套
(Guide Bushe Self-lubricating)
B48



石墨鋼導套
(Guide Bushe Self-lubricating)
B49-B51



灌嘴A型
(Sprue Bushing A Type)
B52



灌嘴B型
(Sprue Bushing B Type)
B53



灌嘴C型
(Sprue Bushing B Type)
B54



潛伏澆口器
(Latent Runner Device)
B55



排氣栓
GAS Vent
B56



透氣元件
Ventilating Component
B57



透氣鋼
Ventilating Steel
B58-B60



鎖模扣PLA
Parting lock
B61



鎖模扣SZ172
Parting lock
B61

Catalog

目錄

B. 模具配件 Plastic Injection Mold Parts



尼龍鎖模器連接杆
Nylon Latch Lock Connecting Rod
B62



尼龍鎖模器襯套
Nylon Latch Lock Bush
B63



開閉鎖組件
Slide Lock Set
B64



機械拉鉤
Mechanical Hook
B65



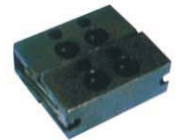
機械拉鉤
Mechanical Hook
B66



開閉器B型、E型
Slide Lock (B, E Type)
B67



開閉器半圓型
Slide Lock
B68



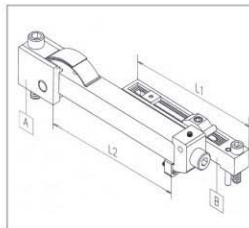
強力型自動鎖模器
Best Lock 600
B69



扣模器
Slide Lock (GBLS Type)
B70



H式安全扣
(Tool Safety Device)
B71



鎖模組件
Dispositif D, Ouverture De Mould (Reglable)
B72-B74



鎖模扣
Latch Lock
B75-B81



彈弓頂針
(Sprung core)
B82-B86



雙齒條斜頂
(Double Rack Lifter)
B87-B89



帶運水雙齒條斜頂
(Cooled Rack Lifter Double Cremallera Refrigerada)
B90



二次頂出
(Two-Stage Ejectors)
B91-B93

Catalog

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B. 模具配件 Plastic Injection Mold Parts



模板加速器
(Plate Accelerator)
B94



模具計數量
Counter
B95



彈簧
(Spring)
B96



FDAC射梢套筒(司筒)
(FDAC Ejector Sleeve)
B97



FDAC雙節射梢套筒(司筒)
(FDAC Stepped Ejector Sleeve)
B98



SKH51德規射梢
HSS Straight Ejector Pin (DIN standard)
B99



SKD61氮化德規射梢
HWS Nitrided Straight Ejector Pin (DIN standard)
B100



SKD61全硬德規射梢
(HWS Hardened Ejector Pin (DIN standard))
B101



WS全硬射梢
WS Ejector Pin (DIN standard)
B102



SKH51雙節射梢(高速鋼)
(HSS Stepped Ejector Pin)
B103



SKD61双节射梢(氮化)
(HWS Nitrided Stepped Ejector Pin)
B104



SKD61全硬雙節射梢
(HWS Hardened Stepped Ejector Pin)
B105



WS雙節射梢
(HWS Stepped Ejector Pin)
B106



頂針司筒
(Ejector pins Ejector sleeves)
B107-B108



塑膠模拉杆/導柱
Plastic mold rod/guide column
B109-B110



塑膠模導套
Plastic mold guide sleeve
B111



鋼珠導套
Ball guide bush
B112

Catalog

目錄

B. 模具配件 Plastic Injection Mold Parts



小拉杆A型
(PBA Puller Bolt A Type)
B113



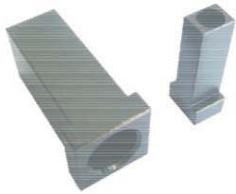
小拉杆C型
(PBB Puller Bolt C Type)
B114



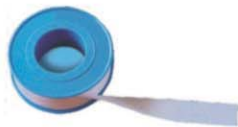
等高螺絲
(Stripper Bolts)
B115



停止稍和垫片
(Stop Pin and Shim)
B116



墊鐵
(Back-up Block)
B117



模具專用生料帶
(P.T.F.E. Tape for Mold use)
B118



模具溫度計
(Mold Thermo-meter)
B118



螺紋塞規
(Thread Plug Gage(GO/NO GO)
B119

C. 注塑機用配件 Plastic Injection Accessories



機械手吸盤
(Sucking Cap)
C01-C03



機械手彈簧座
(Sucking Base)
C04-C05



切絲器
(Shredding Device)
C06



專業模具用壓板 (螺帽、螺栓)
Professional Mold Plate (nuts, bolts)
C07-C08



離型劑自動噴霧器
(Automatic Spray-release Device)
C09



塑料空壓接頭
(PLASTIC AIR PRESSURE CONNECTOR)
C10



省力接頭
(Quick Fitting)
C11-C13



全金屬省力接頭
(QUICK FITTING)
C14

Catalog

目錄

D、管類/油嘴類 Hose/Oil Nipple



滌綸紡織網管
(Terylene Braided Hose)
D01



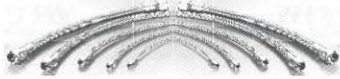
臺塑橡膠風炮管
(G.M.H. Rubber Wind Pipe)
D01



PU氣動膠管
(PU Pneumatic Rubber Tube)
D01



油嘴
(Oil Nipple)
D01-D04

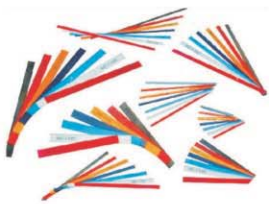


鐵弗龍管
(P.T.F.E. Hose)
D05



鋼絲編織液壓膠管
(Wire Braided Hydraulic Rubber Hose)
D06

F、油石工具 Whetstone tools



各種類油石
(Various oilstones)
F01-F05



天然鑽石膏/刷柄
(Natural diamond paste/brush handle)
F06-F07



鑽石磨棒
(Diamond Mounted Points)
F08



鑽石平斜銼刀
(Diamond Tapered Hand Files)
F09



羊毛輪/羊毛條
(Felt Bobs/Felt Stick)
F10



海綿輪/砂布卷/砂紙
(Sponge wheel/sand cloth roll/sandpaper)
F11



柄徑 Ø3 系列硬質合金旋轉銼
(Handle diameter Ø3 series hard alloy rotary file)
F12

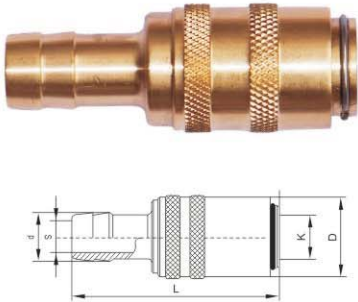


帶柄砂輪
(Mounted Points)
F13

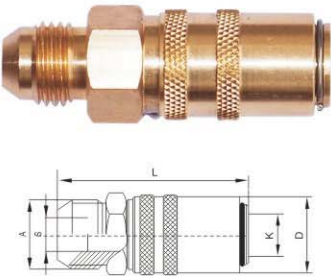
Cooling System

冷却系統

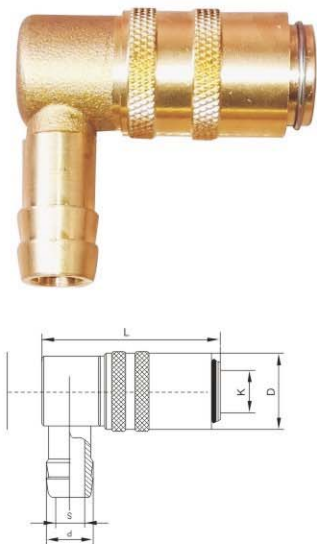
德式模具用快速接頭(German Mold Coupling)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
101	101-3-0	101-3	17.0	53.0	10.0	9.0	6.0
101	101-4-0	101-4			14.0		9.0
201	201-3-0	201-3	22.0	62.0	10.0	13.5	6.0
201	201-4-0	201-4			14.0		9.0
201A	201A-6-0	201A-6	31.0	90.0	20.5	19.0	15.0



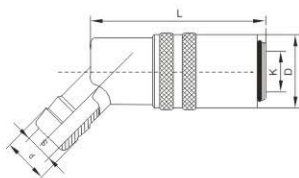
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
101	101-F3-0	101-F3	17.0	54.0	3/8H	9.0	6.0
101	101-F4-0	101-F4			1/2H		9.0
201	201-F3-0	201-F3	22.0	58.0	3/8H	13.5	6.0
201	201-F4-0	201-F4			1/2H		9.0



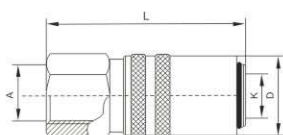
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
101	101-L3-0	101-L3	17.0	41.0	10.0	9.0	6.0
101	101-L4-0	101-L4		46.0	14.0		9.0
201	201-L3-0	201-L3	22.0	51.0	10.0	13.5	6.0
201	201-L4-0	201-L4			14.0		9.0
201A	201A-L6-0	201A-L6	31.0	78.0	20.5	19.0	13.0

Cooling System

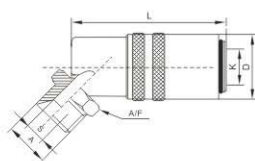
冷却系統



系列 (Series)	開放式編號 (No. for Open Type)	封閉式編號 (No. for Shut-off Type)	D	L	d	K	S
101	101-Y3-0	101-Y3	17.0	41.0	10.0	9.0	6.0
101	101-Y4-0	101-Y4		46.0	14.0		9.0
201	201-Y3-0	201-Y3	22.0	51.0	10.0	13.5	6.0
201	201-Y4-0	201-Y4			14.0		9.0
201A	201A-Y6-0	201A-Y6	31.0	78.0	20.5	19.0	13.0



系列 (Series)	開放式編號 (No. for Open Type)	封閉式編號 (No. for Shut-off Type)	D	L	A	K
101	101-A1/4-0	101-A1/4	17.0	46.5	1/4"BSPT	9.0
101	101-A3/8-0	101-A3/8			3/8"BSPT	
201	201-A1/4-0	201-A1/4	22.0	56.5	1/4"BSPT	13.5
201	201-A3/8-0	201-A3/8			3/8"BSPT	

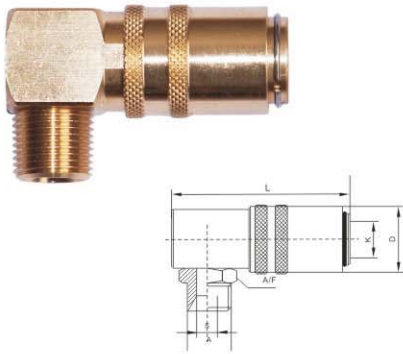


系列 (Series)	開放式編號 (No. for Open Type)	封閉式編號 (No. for Shut-off Type)	D	L	A	K	S	A/F
101	101-YM14-0	101-YM14	17.2	46.5	M14*1.5	9.0	8.0	14.0
101	101-Y1/4-0	101-Y1/4			R1/4"			
101	101-Y3/8-0	101-Y3/8			R3/8"		10.0	17.0
201	201-YM14-0	201-YM14	22.0	56.5	M14*1.5	13.5	8.0	14.0
201	201-Y1/4-0	201-Y1/4			R1/4"			
201	201-Y3/8-0	201-Y3/8			R3/8"	10.0	17.0	
201	201A-Y1-2-0	201A-Y1/2			31.0	78		1/2

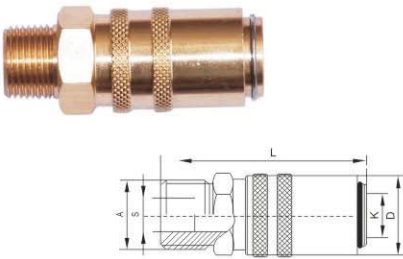
Cooling System

冷却系統

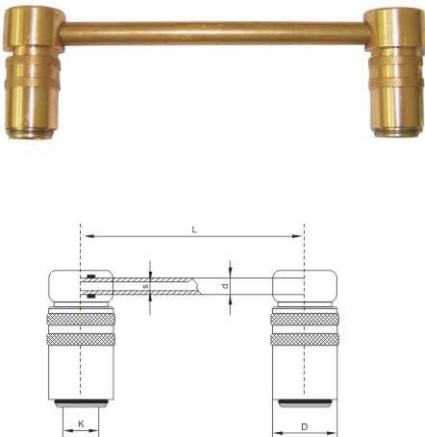
德式模具用快速接頭(German Mold Coupling)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S	A/F
101	101-LM14-0	101-LM14	17.0	46.5	M14*1.5	9.0	6.0	14.0
101	101-L1/4-0	101-L1/4			R1/4"		8.0	
101	101-L3/8-0	101-L3/8			R3/8"		10.0	
201	201-LM14-0	201-LM14	22.0	56.5	M14*1.5	13.5	8.0	14.0
201	201-L1/4-0	201-L1/4			R1/4"		9.0	
201	201-L3/8-0	201-L3/8			R3/8"		17.0	
201A	201A-L1-2-0	201A-L1/2	31.0	78	R1/2"	19.0	15.0	21.0



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
101	101-M10-0	101-M10	17.0	50.5	M10*1	9.0	6.0
101	101-M14-0	101-M14		54.5	M14X1.5		8.0
101	101-1/4-0	101-1/4		51.5	1/4"BSPT		8.0
101	101-3/8-0	101-3/8		3/8"BSPT	10.0		
201	201-1/4-0	201-1/4	22.0	56.5	13.5	1/4"BSPT	8.0
201	201-3/8-0	201-3/8				3/8"BSPT	9.0
201	201-1/2-0	201-1/2				1/2"BSPT	15.0
201A	201A-1/2-0	201A-1/2	30.0	78.0	19.0	1/2"BSPT	15.0
201A	201A-3/4-0	201A-3/4				3/4"BSPT	
201A	201A-M24-0	201A-M24				M24*1.5	

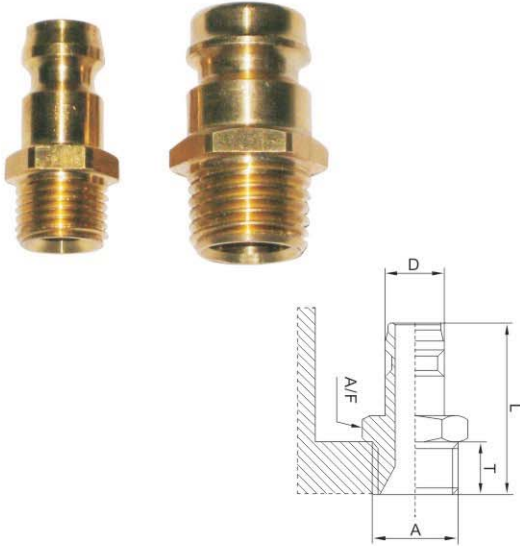


系列(Series)	開放式編號(No. for Open Type)	D	L	K	d	S
101	101-B125-0	17.0	125.0	9.0	8.0	6.0
101	101-B250-0		250.0			
101	101-B500-0		500.0			
201	201-B125-0	23.0	125.0	13.5	10.0	8.0
201	201-B250-0		250.0			
201	201-B500-0		500.0			
201A	201A-B160-0	31.0	160.0	19.0	14.0	12.0
201A	201A-B315-0	31.0	315.0			
201A	201A-B500-0		500.0			

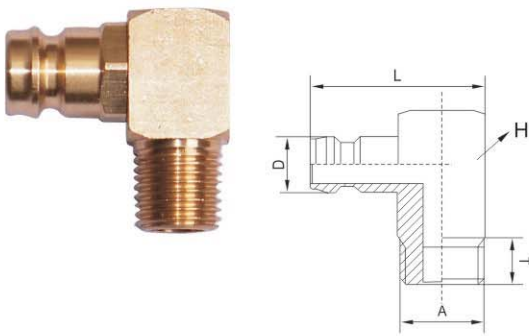
Cooling System

冷却系統

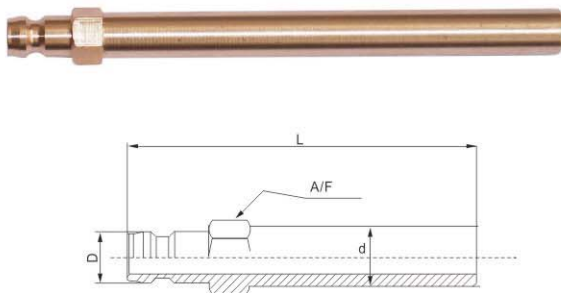
德式模具用水嘴(German Nipple For Mold)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	T	A/F
101	101-01BSPT-M	---	9.0	24.0	1/8"BSPT	7.0	11.0
101	101-M10*1-M	---		24.0	M10*1	7.0	11.0
101	101-M14*1.5-M	---		26.0	M14*1.5	9.0	15.0
101	101-02BSPT-M	101-02BSPTC-M		26.0	1/4"BSPT	9.0	15.0
101	101-03BSPT-M	---		26.0	3/8"BSPT	9.0	17.0
201	201-01BSPT-M	---	13.4	26.0	1/8"BSPT	9.0	15.0
201	201-M14*1.5-M	---			M14*1.5	9.0	15.0
201	201-02BSPT-M	201-02BSPTC-M			1/4"BSPT	9.0	15.0
201	201-M16*1.5-M	---			M16*1.5	9.0	17.0
201	201-03BSPT-M	---			3/8BSPT	9.0	17.0
201A	201A-04BSPT-M	---	19.0	47.0	1/2"BSPT	12.0	21.0
201A	201A-06BSPT-M	---		51.0	3/4"BSPT	16.0	27.0
201A	201A-M24*1.5-M	---		M24*1.5	27.0		



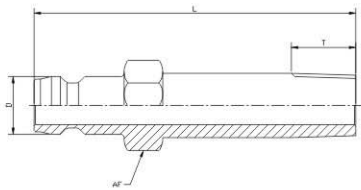
系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	H
101	101-01BSPT-L	9.0	33.0	1/8"BSPT	12.0	15.0
101	101-M10*1-L			M10*1		
101	101-M14*1.5-L			M14*1.5		
101	101-02BSPT-L			1/4"BSPT		
101	101-03BSPT-L			3/8BSPT		
201	201-01BSPT-L	13.4	33.0	1/8"BSPT	12.0	15.0
201	201-M14*1.5-L			M14*1.5		
201	201-02BSPT-L			1/4"BSPT		
201	201-M16*1.5-L			M16*1.5		
201	201-03BSPT-L	38.0	38.0	3/8"BSPT	20.0	20.0



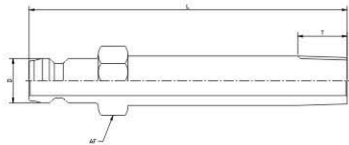
系列(Series)	開放式編號(No. for Open Type)	D	L	d	A/F
101	101-120	9.0	120.0	10.0	11.0
101	101-240		240.0		
101	101-360		360.0		
201	201-150	13.4	150.0	14.0	15.0
201	201-300		300.0		
201	201-450		450.0		
201A	201A-500	19.0	500.0	21.0	21.0
201A	201A-800		800.0		

Cooling System

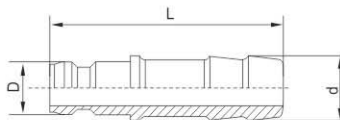
冷却系統



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	A/F
101	101-01BSPT-50M	9.0	50.0	1/8"BSPT	10	11.0
101	101-M10*1-50M			M10*1		11.0
101	101-02BSPT-50M			1/4"BSPT	12	15.0



系列(Series)	L1	開放式編號(No. for Open Type)	D	L	A	A/F
101	50	101-01BSPT-100M	9.0	100.0	1/8"BSPT	11.0
101	50	101-02BSPT-100M			1/4"BSPT	15.0
101	50	101-03BSPT-100M			3/8"BSPT	17.0
201	50	201-02BSPT-100M	13.4		1/4"BSPT	15.0
201	50	201-03BSPT-100M			3/8"BSPT	17.0

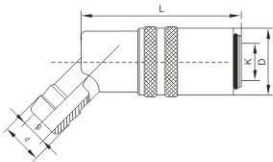
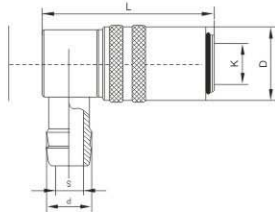
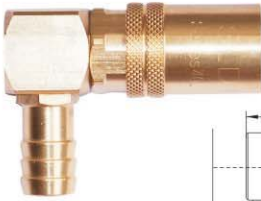
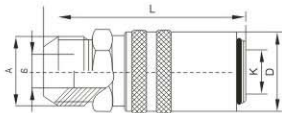
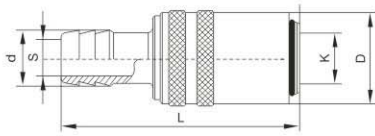


系列(Series)	開放式編號(No. for Open Type)	D	L	d
101	101-06-M	9.0	34.5	6.0
101	101-08-M			8.0
101	101-10-M			10.0
101	101-13-M		46	
201	201-13-M	13.4	35.0	13.0
201A	201A-19-M	19.0	66.0	19.0

Cooling System

冷却系統

美式模具用快速接頭 (American Mold Coupling)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
301	301-2-0	301-2	17.0	52.0	7.3	9.7	5.0
301	301-3-0	301-3			10.5		6.0
301	301-4-0	301-4			14.0		9.0
301	301-2L-0	301-2L		7.3	5.0		
301	301-3L-0	301-3L		59.0	10.5		6.0
301	301-4L-0	301-4L		14.0	9.0		
401	401-3-0		22.0	55.0	10.5	13.5	6.0
401	401-4-0				14.0		9.0
401	401-3L-0	401-3L		62.0	10.5		6.0
401	401-4L-0	401-4L		14.0	9.0		
401A	401A-6-0	401A-6	30.0	77.0	20.0	20.0	15.0

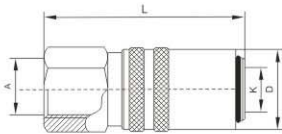
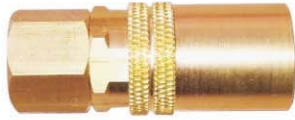
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
301	301-F3-0	301-F3	17.0	54	3/8H	9.7	6.0
301	301-F4-0	301-F4		54	1/2H		8.0
401	401-F3-0	401-F3	22.0	64	3/8H	13.5	6.0
401	401-F4-0	401-F4		64	1/2H		8.0

系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
301	301-L2-0	301-L2	17.0	46	7.3	9.7	6.0
301	301-L3-0	301-L3			10.5		
301	301-L4-0	301-L4			14.0		9.0
401	401-L3-0	401-L3	22.0	61	10.5	13.5	6.0
401	401-L4-0	401-L4			14.0		9.0
401A	401A-L6-0	401A-L6	30.0	80	20.0	20.0	15.0

系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
301	301-Y2-0	301-Y2	17.0	46	7.3	9.7	6.0
301	301-Y3-0	301-Y3			10.5		
301	301-Y4-0	301-Y4			14.0		9.0
401	401-Y3-0	401-Y3	22.0	61	10.5	13.5	6.0
401	401-Y4-0	401-Y4			14.0		9.0
401A	401A-Y6-0	401A-Y6	30.0	80	20.5	20.0	15.0

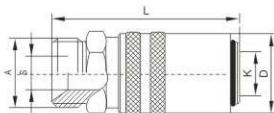
Cooling System

冷却系統



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K
301	301-A1/8-0	301-A1/8	17.0	44.0	1/8PT	9.7
301	301-A1/4-0	301-A1/4		46.0	1/4PT	
401	401-A1/4-0	401-A1/4	22.0	56.0	1/4PT	13.5
401	401-A3/8-0	401-A3/8		56.0	3/8PT	
401	401-A1/2-0	401-A1/2		58.0	1/2PT	
401A	401A-A1/2-0	401A-A1/2	30.0	70.0	1/2PT	20.0

系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K
301	301-AN1/8-0	301-AN1/8	17.0	44.0	1/8NPT	9.7
301	301-AN1/4-0	301-AN1/4		46.0	1/4NPT	
401	401-AN1/4-0	401-AN1/4	22.0	56.0	1/4NPT	13.5
401	401-AN3/8-0	401-AN3/8		56.0	3/8NPT	
401	401-AN1/2-0	401-AN1/2	30.0	58.0	1/2NPT	20.0
401A	401A-AN1/2-0	401A-AN1/2		70.0	1/2NPT	



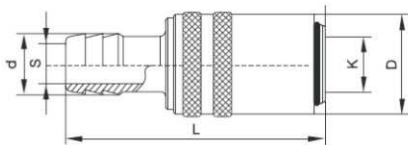
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
301	301-1/8-0	301-1/8	17.2	46.0	1/8PT	9.7	6.0
301	301-1/4-0	301-1/4		48.0	1/4PT		9.0
401	401-1/4-0	401-1/4	22.6	60.0	1/4PT	13.5	11.0
401	401-3/8-0	401-3/8		60.0	3/8PT		
401	401-1/2-0	401-1/2		62.0	1/2PT		
401A	401A-1/2-0	401A-1/2	30.0	72.0	1/2PT	20.0	15.0

系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
301	301-N1/8-0	301-N1/8	17.2	46.0	1/8NPT	9.7	6.0
301	301-N1/4-0	301-N1/4		48.0	1/4NPT		9.0
401	401-N1/4-0	401-N1/4	22.6	60.0	1/4NPT	13.5	11.0
401	401-N3/8-0	401-N3/8		60.0	3/8NPT		
401	401-N1/2-0	401-N1/2		62.0	1/2NPT		
401A	401A-N1/2-0	401A-N1/2	30.0	72.0	1/2NPT	19.0	15.0

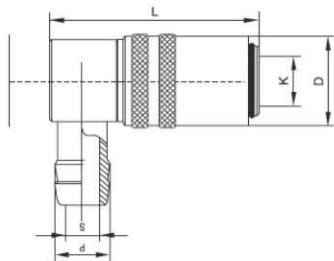
Cooling System

冷却系統

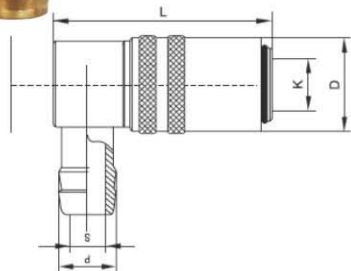
美式模具用接头(American Mold Coupling)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
301	301-2L-0-BP	301-2L-BP	17	54	8.5	9.7	5
301	301-3L-0-BP	301-3L-BP			12.0		6
401	401-3L-0-BP	401-3L-BP	22	70	12.0	13.5	6
401	401-4L-0-BP	401-4L-BP	22	70	15.5		9
401A	401A-6-0-BP	401A-6-BP	30	94	21.5	20.0	15



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
301	301-L2-0-BP	301-L2-BP	17	46	8.5	9.7	5
301	301-L3-0-BP	301-L3-BP			12.0		6
401	401-L3-0-BP	401-L3-BP	22	70	12.0	13.5	6
401	401-L4-0-BP	401-L4-BP	22	70	15.5		9
401A	401A-L6-0-BP	401A-L6-BP	30	80	21.5	20.0	15

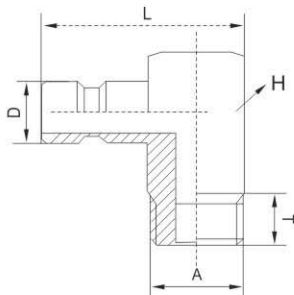
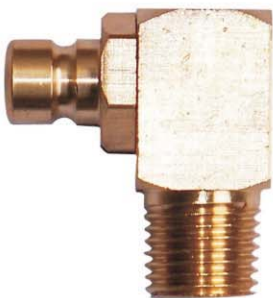
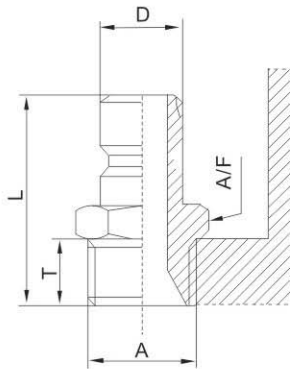


系列(Series)	開放式編號(No. for Open Type)	D	L	d	K	S
301W	301W-L3-0-BP	17	25.5	12.0	9.7	6
401W	401W-L3-0-BP	22	36.5	12.0	13.5	6
401W	401W-L4-0-BP			15.5		8
301W	301W-L3-0	17	25.5	10.5	9.7	6
401W	401W-L3-0	22	36.5	10.5	13.5	6
401W	401W-L4-0			14		8

Cooling System

冷却系統

美式模具用水嘴(American Nipple For Mold)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	T	A/F
301	301-01PT-M	---	9.5	24.0	1/8PT	12.0	11.0
301	301-02PT-M	301-02PTC-M		29.0	1/4PT		14.0
301	301-03PT-M	---		31.0	3/8PT	17.0	
301	301-04PT-M	---		31.0	1/2PT	14.0	21.0
401	401-01PT-M	---	13.5	31.0	1/8PT	12.0	14.0
401	401-02PT-M	401-02PTC-M		34.0	1/4PT		14.0
401	401-03PT-M	---		34.0	3/8PT	17.0	
401	401-04PT-M	---	20.5	36.0	1/2PT	14.0	21.0
401A	401A-04PT-M	---		40.0	1/2PT		21.0
401A	401A-06PT-M	---		42.0	3/4PT	16.0	27.0

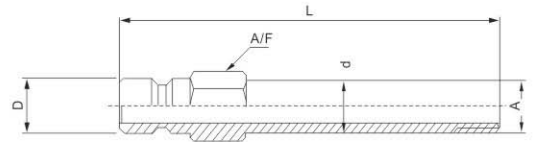
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	T	A/F
301	301-01NPT-M	---	9.5	24.0	1/8NPT	12.0	11.0
301	301-02NPT-M	301-02NPTC-M		29.0	1/4NPT		14.0
301	301-03NPT-M	---		31.0	3/8NPT	17.0	
301	301-04NPT-M	---	13.5	31.0	1/2NPT	12.0	21.0
401	401-01NPT-M	---		34.0	1/8NPT		14.0
401	401-02NPT-M	401-02NPTC-M		34.0	1/4NPT	14.0	
401	401-03NPT-M	---		34.0	3/8NPT	17.0	
401	401-04NPT-M	---	20.5	36.0	1/2NPT	14.0	21.0
401A	401A-04NPT-M	---		40.0	1/2NPT		15.0
401A	401A-06NPT-M	---		42.0	3/4NPT	20.0	27.0

系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	H
301	301-01PT-L	9.5	29.5	1/8PT	12.0	15.0
301	301-02PT-L			1/4PT		
301	301-03PT-L	13.5	34.5	3/8PT	14.0	20.0
401	401-01PT-L			1/8PT	12.0	15.0
401	401-02PT-L	39.5	39.5	1/4PT	14.0	20.0
401	401-03PT-L			3/8PT		

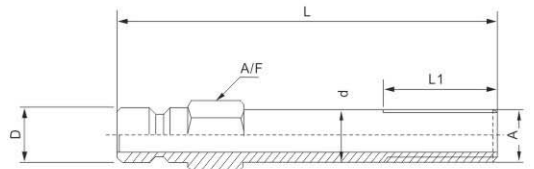
系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	H
301	301-01NPT-L	9.5	29.5	1/8NPT	12.0	15.0
301	301-02NPT-L			1/4NPT		20.0
301	301-03NPT-L	13.5	34.5	3/8NPT	12.0	15.0
401	401-01NPT-L			1/8NPT		
401	401-02NPT-L	39.5	39.5	1/4NPT	14.0	20.0
401	401-03NPT-L			3/8NPT		

Cooling System

冷却系統

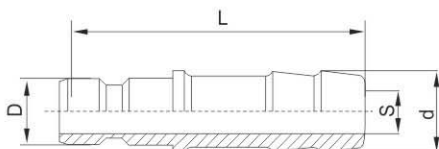


系列(Series)	開放式編號(No. for Open Type)	D	L	A	d	A/F
301	301-01PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)M	9.5	(50)-(75)-(100)-(125)-(150)-(200)-(250)	1/8PT	10.0	11.0
301	301-02PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)M		1/4PT	13.0	14.0	
301	301-03PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)M		3/8PT	16.5	17.0	
401	401-01PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)M	13.5	(50)-(75)-(100)-(125)-(150)-(200)-(250)	1/8PT	10.0	14.0
401	401-02PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)M		1/4PT	13.0	14.0	
401	401-03PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)M		3/8PT	16.5	17.0	



系列(Series)	開放式編號(No. for Open Type)	D	L	L1	A	d	A/F
301	301-01NPT-50	9.5	50	20	1/8NPT	10.0	11.0
301	301-01NPT-75		75	30			
301	301-01NPT-100		100	50			
301	301-01NPT-125		125	60			
301	301-01NPT-150		150	60			
301	301-01NPT-200	200			1/4NPT	13.0	14.0
301	301-02NPT-50	50	20				
301	301-02NPT-75	75	30				
301	301-02NPT-100	100	50				
301	301-02NPT-125	125	60				
301	301-02NPT-150	150	60				
301	301-02NPT-200	200					

系列(Series)	開放式編號(No. for Open Type)	D	L	L1	A	d	A/F
401	401-01NPT-50	13.5	50	20	1/8NPT	10.0	14.0
401	401-01NPT-75		75	30			
401	401-01NPT-100		100	50			
401	401-01NPT-125		125	60			
401	401-01NPT-150		150	60			
401	401-01NPT-200	200			1/4NPT	13.0	14.0
401	401-02NPT-50	50	20				
401	401-02NPT-75	75	30				
401	401-02NPT-100	100	50				
401	401-02NPT-125	125	60				
401	401-02NPT-150	150	60				
401	401-02NPT-200	200					

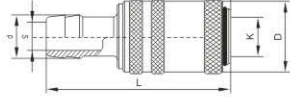


系列(Series)	開放式編號(No. for Open Type)	D	L	d
301	301-10-M	9.0	36.0	10.5
401	401-13-M	13.5	40.0	14.0

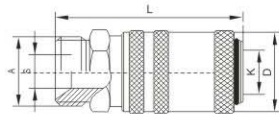
Cooling System

冷卻系統

臺式模具用快速接頭(Taiwanese Mold Coupling)

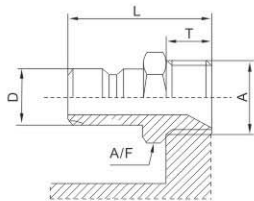


系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
501	---	501-2	18.0	48.5	7.3	9.0	5.0
501	---	501-3			11.0		7.0
501	---	501-4			14.0		9.0

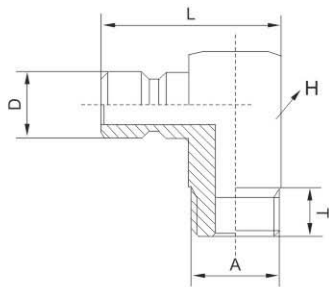


系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
501	---	501-F3	18.0	50.0	3/8H	9.0	6.0
501	---	501-F4			1/2H		9.0

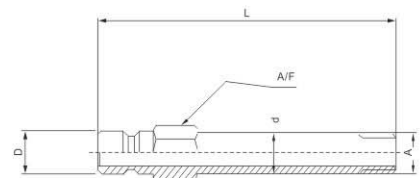
臺式模具用水嘴(Taiwanese Nipple For Mold)



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	A/F
501	501-01PT-M	9.0	27.5	1/8PT	12.0	11.0
501	501-02PT-M			1/4PT		14.0
501	501-03PT-M			3/8PT		17.0
501	501-M10-M			M10*1	12.0	11.0
501	501-M12-M			M12*1		14.0
501	501-03AT-M			9.0	27.5	03AT



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	H
501	501-01PT-L	9.0	28.5	1/8PT	12.0	15.0
501	501-02PT-L			1/4PT		
501	501-03PT-L			3/8PT		

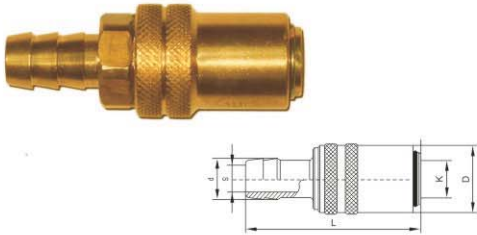


系列(Series)	開放式編號(No. for Open Type)	D	L	A	d	A/F
501	501-M10-(75)-(100)-(125)-(150)-(200)-(250)M	9.0	(75)-(100)-(125)-(150)-(200)-(250)	M10*1	10.0	11.0
501	501-01PT-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/8PT		
501	501-02PT-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/4PT		

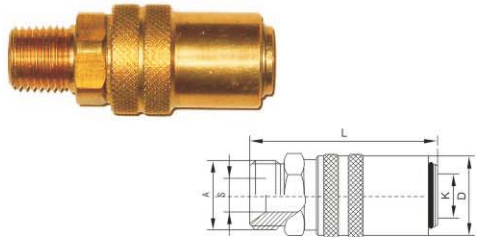
Cooling System

冷却系統

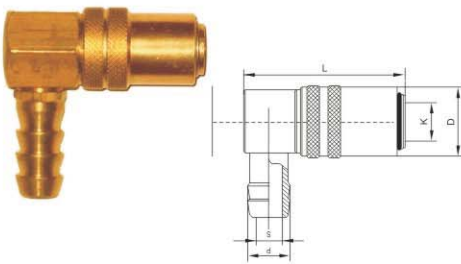
日式模具用快速接頭(Japanese Mold Coupling)



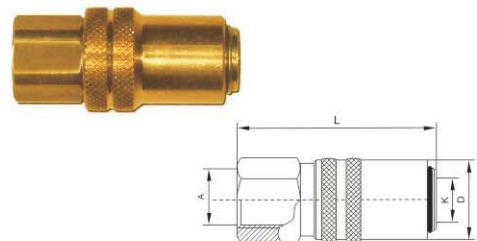
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
601	601-2-0	601-2	21.0	61.0	8.0	10.0	4.5
601	601-3-0	601-3			11.0		6.0
601	601-4-0	601-4			14.0		9.0
701	701-3-0	701-3	26.0	77.0	11.0	13.0	6.0
701	701-4-0	701-4			14.0		9.0



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
601	601-1/4-0	601-1/4	21.0	51.0	1/4PT	10.0	8.0
601	601-3/8-0	601-3/8			3/8PT		
701	701-1/4-0	701-1/4	26.0	55.0	1/4PT	13.0	9.0
701	701-3/8-0	701-3/8			3/8PT		11.0



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
601	601-L2-0	601-L2	21.0	48.0	8.5	10.0	4.5
601	601-L3-0	601-L3			11.0		6.0
601	601-L4-0	601-L4			14.0		9.0
701	701-L3-0	701-L3	26.0	55.0	11.0	13.0	6.0
701	701-L4-0	701-L4			14.0		9.0

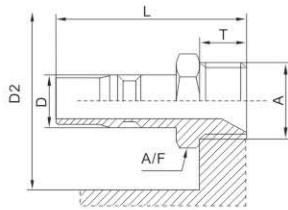


系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K
601	601-A1/4-0	601-A1/4	21.0	48.0	1/4PT	10.0
601	601-A3/8-0	601-A3/8			3/8PT	
701	701-A1/4-0	701-A1/4	26.0	55.0	1/4PT	13.0
701	701-A3/8-0	701-A3/8			3/8PT	

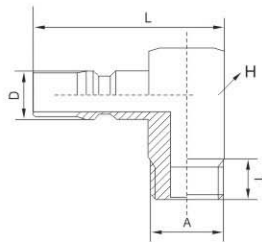
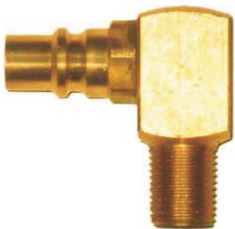
Cooling System

冷却系統

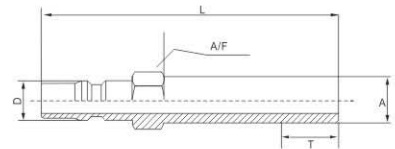
日式模具用水嘴(Japanese Nipple For Mold)



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	A/F
601	601-01PT-M	10.0	33.0	1/8PT	12.0	11.0
601	601-02PT-M			1/4PT		14.0
601	601-03PT-M			3/8PT		17.0
701	701-01PT-M	13.0	41.0	1/8PT	12.0	14.0
701	701-02PT-M			1/4PT		14.0
701	701-03PT-M			3/8PT		17.0



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	H
601	601-01PT-L	10.0	34.0	1/8PT	12.0	15.0
601	601-02PT-L			1/4PT		
601	601-03PT-L		39.0	3/8PT		20.0
701	701-01PT-L	13.0	39.0	1/8PT	12.0	15.0
701	701-02PT-L			1/4PT		
701	701-03PT-L		44.0	3/8PT		20.0

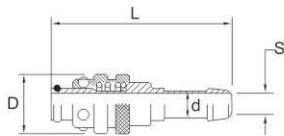


系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	A/F
601	601-01PT-(75)-(100)-(125)-(150)-(200)-(250)M	10.0	(75)-(100)-(125)-(150)-(200)-(250)	1/8PT	12.0	11.0
601	601-02PT-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/4PT		
701	701-01PT-(75)-(100)-(125)-(150)-(200)-(250)M	13.0	(75)-(100)-(125)-(150)-(200)-(250)	1/8PT	12.0	14.0
701	701-02PT-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/4PT		

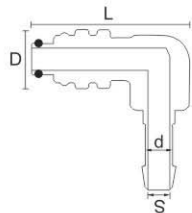
Cooling System

冷却系統

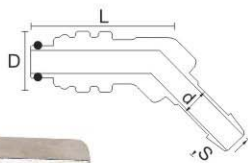
法式模具用快速接頭(French Mold Coupling)



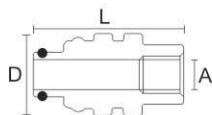
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	S
801	801-2-0	---	18.0	62.0	8.0	5.0
801	801-3-0	---			10.0	8.0
801	801-4-0	---			12.5	
901	901-4-0	---	29.0	78.0	13.0	9.0
901	901-6-0	---			16.0	13.0



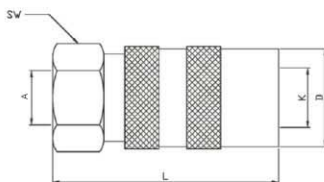
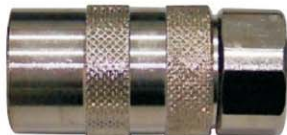
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	S
801	801-L3-0	---	18.0	55.0	10.0	8.0
801	801-L4-0	---			12.5	
901	901-L4-0	---	29.0	81.0	13.0	9.0
901	901-L6-0	---			16.0	13.0



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	S
801	801-Y3-0	---	18.0	55.0	10.0	8.0
801	801-Y4-0	---			12.5	
901	901-Y4-0	---	29.0	65.0	13.0	9.0
901	901-Y6-0	---			16.0	13.0



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	I	A
801	801-A1/4-0	---	20.0	54.0	1/4BSPT
901	901-A3/8-0	---	27.5	65.0	3/8BSPT

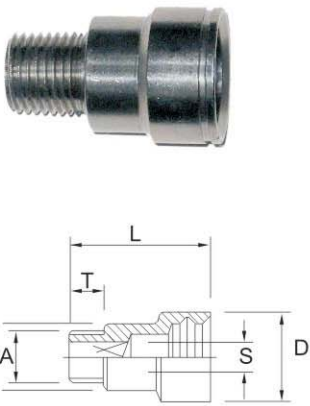


系列(Series)	編號(NO.)	D	L	K	A	A/F
SRMI	09.1102/JV	23	53	14	3/8BSP	22

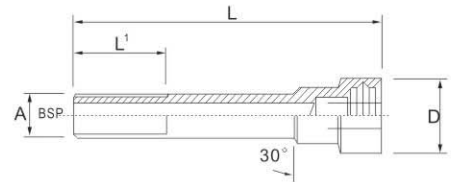
Cooling System

冷却系統

法式模具用水嘴(French Nipple For Mold)



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	S
801	801-01BSPT-M	21.0	33.0	1/8"BSPT	12.0	6.0
801	801-M10BSPT-M			M10*1		
801	801-02BSPT-M			1/4"BSPT		8.0
801	801-03BSPT-M			3/8"BSPT		
901	901-03BSPT-M	32.0	41.0	3/8"BSPT	13.0	10.0
901	901-04BSPT-M		44.0	1/2"BSPT	16.0	14.0
901	901-06BSPT-M		32.0	3/4"BSPT	19.0	
801	801-01NPT-M	21.0	33.0	1/8"NPT	11.0	6.0
801	801-02NPT-M			1/4"NPT	12.0	8.0
801	801-03NPT-M			24.0	3/8"NPT	12.0
901	901-03NPT-M	32.0	41.0	3/8"NPT	13.0	10.0
901	901-04NPT-M		44.0	1/2"NPT	16.0	14.0
901	901-06NPT-M		32.0	3/4"NPT	19.0	

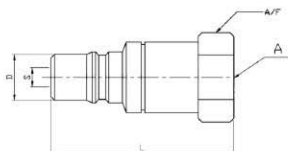


系列(Series)	開放式編號(No. for Open Type)	D	L	A	L1
801	801-01B SP -(75)-(100)-(125)-(150)-(200)-(250)M	21.0	(75)-(100)-(125)-(150)-(200)-(250)	1/8BSPT	60.0
801	801-02B SP -(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/4BSPT	
801	801-01NPS-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/8NPT	
801	801-02NPS-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/4NPT	
901	901-03B SP -(75)-(100)-(125)-(150)-(200)-(250)M	32.0	(75)-(100)-(125)-(150)-(200)-(250)	3/8BSPT	
901	901-04B SP -(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/2BSPT	
901	901-03NPS-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	3/8NPT	
901	901-04NPS-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)-(125)-(150)-(200)-(250)	1/2NPT	

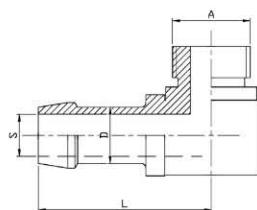
Cooling System

冷却系統

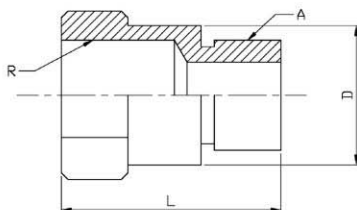
法式模具用水嘴(French Nipple For Mold)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	規格(A)	長度(L)	A/F	S
SRMI	09.4102	09.5102/JV	3/8 BSP	49	22	9.5
SRMI	09.4202	09.5202/JV	3/8 NPT			



系列(Series)	編號(No. for Open Type)	L	D	S	A
SAF	152.10-L	37	10	8	3/8BSP
SAF	152.12-L	37	12	9	



系列(Series)	編號(No. for Open Type)	L	D	A	R	A/F
SRAF	152.102	33	21	3/8BSP	3/8BSP	22
SRAF	152.202	33	21	3/8BSP	3/8NPT	22

Cooling System

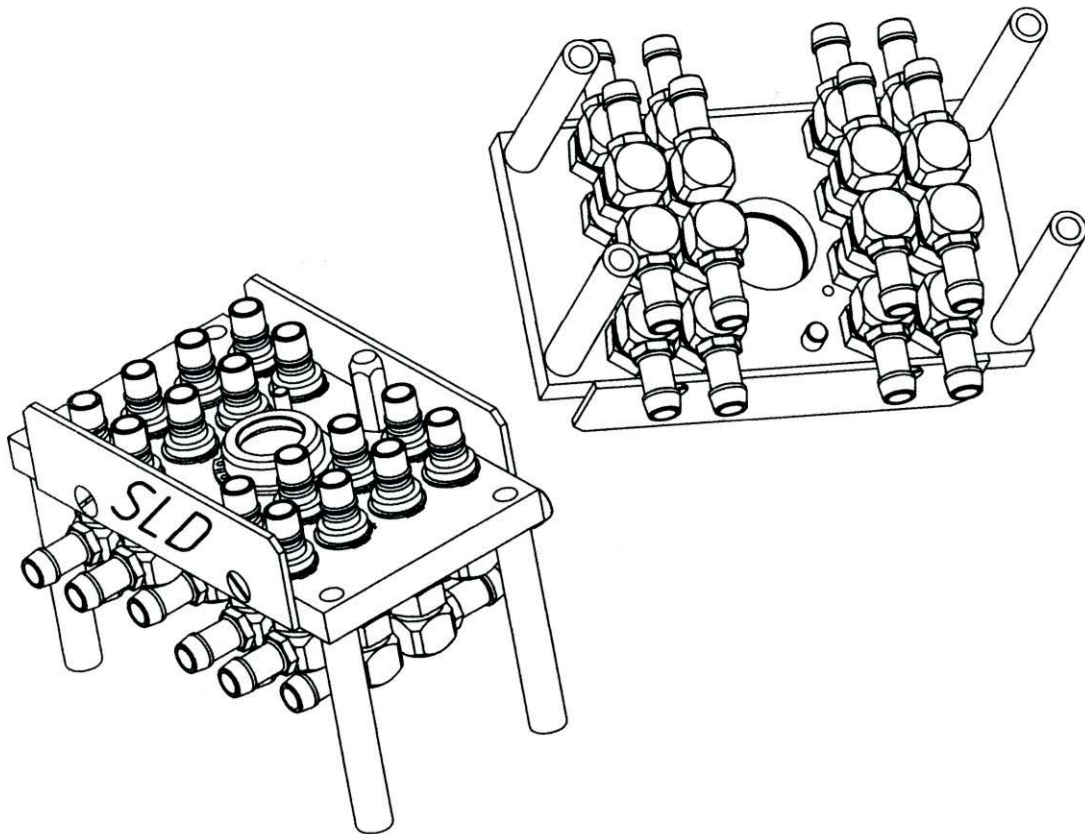
冷却系統

法式多路組合接頭(Multiple-combine Coupling)



該組合接頭帶手動鎖緊裝置能根據實際需求配不同數量的回路及各種管徑的口徑.常規管徑為1/2"-12mm或5/8"-16mm

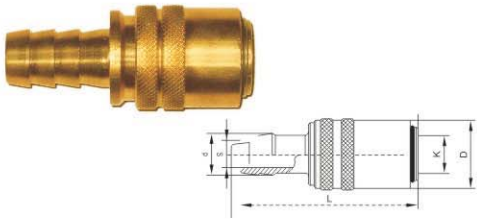
The coupling is equipped with the manual fitting system which enables the suitable loop and tube size upon the actual need. Common tube diameter is 1/2"-12mm or 5/8"-16mm



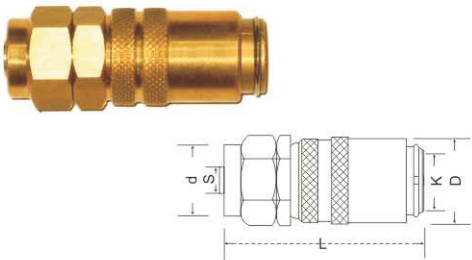
Cooling System

冷却系統

其他模具用快速接頭(Other Mold Coupling and Nipple)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
1001	1001-3-0	1001-3	23.0	60.5	11.0	13.0	6.0
1001	1001-4-0	1001-4			14.0		9.0



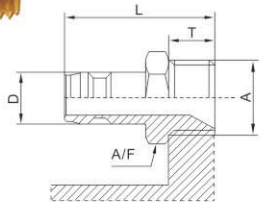
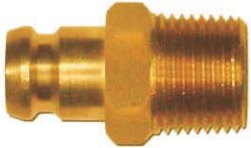
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
1001	1001-M-0	1001-M	23.0	55.0	11.0	13.5	6.8



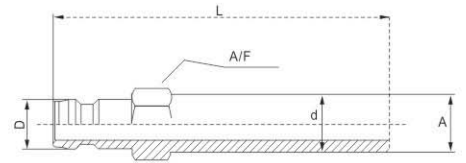
系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
1001	1001-F3-0	1001-F3	23.0	56.0	3/8H	13.0	6.0
1001	1001-F4-0	1001-F4			1/2H		9.0

Cooling System

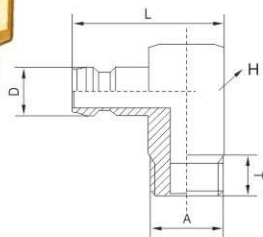
冷却系統



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	A/F
1001	1001-01PT-M	13.0	32.0	1/8PT	12.0	14.0
1001	1001-02PT-M			1/4PT		14.0
1001	1001-03PT-M		34.0	3/8PT	14.0	17.0
1001	1001-04PT-M			1/2PT		21.0



系列(Series)	開放式編號(No. for Open Type)	D	L	A	d	A/F	
1001	1001-01PT-(45)-(70)-(90)-(115)-(130)-(160)-(200)-(250)M	13.0	(45)-(70)-(90)	(115)-(130)-(160)-(200)-(250)	1/8PT	10.0	14.0
1001	1001-02PT-(45)-(70)-(90)-(115)-(130)-(160)-(200)-(250)M		(45)-(70)-(90)	(115)-(130)-(160)-(200)-(250)	1/4PT	13.0	14.0
1001	1001-03PT-(45)-(70)-(90)-(115)-(130)-(160)-(200)-(250)M		(45)-(70)-(90)	(115)-(130)-(160)-(200)-(250)	3/8PT	16.5	17.0
1001	1001-04PT-(45)-(70)-(90)-(115)-(130)-(160)-(200)-(250)M		(45)-(70)-(90)	(115)-(130)-(160)-(200)-(250)	1/2PT	20.5	21.0

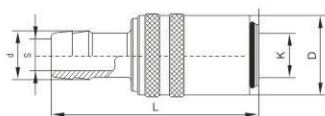


系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	H
1001	1001-01PT-L	13.0	32.0	1/8PT	12.0	15.0
1001	1001-02PT-L			1/4PT		15.0
1001	1001-03PT-L		34.0	3/8PT	14.0	20.0

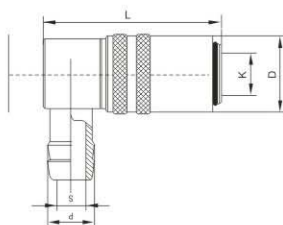
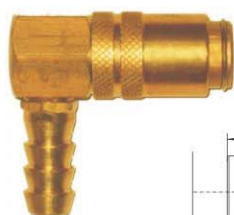
Cooling System

冷却系統

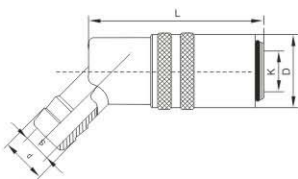
其他模具用快速接頭(Other Mold Coupling and Nipple)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
1101	1101-2-0	1101-2	17.0	53.0	7.3	9.0	6.0
1101	1101-3-0	1101-3			10.0		
1101	1101-4-0	1101-4			14.0		



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
1101	1101-L2-0	1101-L2	17.0	46.5	7.3	9.0	6.0
1101	1101-L3-0	1101-L3			10.0		
1101	1101-L4-0	1101-L4			14.0		

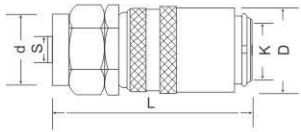


系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
1101	1101-Y2-0	1101-Y2	17.0	46.5	7.3	9.0	6.0
1101	1101-Y3-0	1101-Y3			10.0		
1101	1101-Y4-0	1101-Y4			14.0		

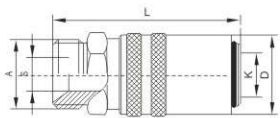
Cooling System

冷却系統

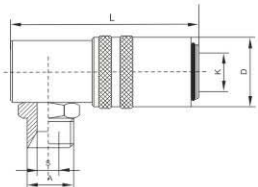
其他模具用快速接頭(Other Mold Coupling and Nipple)



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	d	K	S
1101	1101-5x8-0	1101-5x8	17.0	48.5	8	9.0	5.0
1101	1101-6.5x10-0	1101-6.5x10		52.5	10		6.0



系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
1101	1101-F3-0	1101-F3	17.0	54.0	3/8H	9.0	6.0
1101	1101-F4-0	1101-F4		56.5	1/2H		9.0

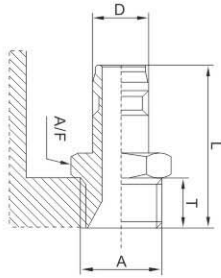


系列(Series)	開放式編號(No. for Open Type)	封閉式編號(No. for Shut-off Type)	D	L	A	K	S
1101	1101-FL3-0	1101-FL3	17.0	46.5	3/8H	9.0	6.0
1101	1101-FL4-0	1101-FL4			1/2H		9.0

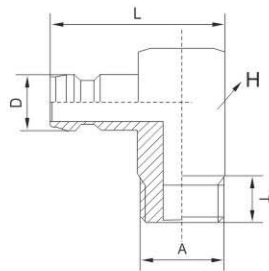
Cooling System

冷卻系統

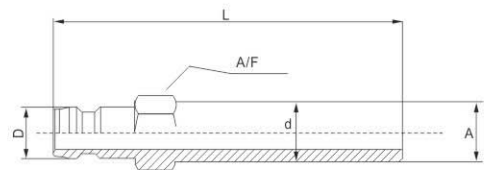
其他模具用快速接頭(Other Mold Coupling and Nipple)



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	A/F
1101	1101-01PT-M	9.0	28.0	1/8PT	9.0	11.0
1101	1101-02PT-M			1/4PT		14.0
1101	1101-03PT-M		32.0	3/8PT	12.0	17.0
1101	1101-04PT-M		34.0	1/2PT	14.0	21.0



系列(Series)	開放式編號(No. for Open Type)	D	L	A	T	H
1101	1101-01PT-L	9.0	32.5	1/8PT	12.0	15.0
1101	1101-02PT-L			1/4PT		15.0
1101	1101-03PT-L		37.5	3/8PT	17.0	20.0
1101	1101-03AT-L		32.5	W3/8	9.0	15.0
1101	1101-04AT-L			W1/2	12.0	15.0

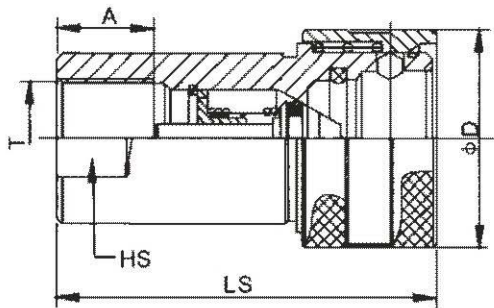
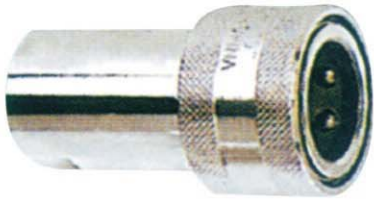


系列(Series)	開放式編號(No. for Open Type)	D	L	A	d	A/F
1101	1101-01PT-(45)-(70)-(90)-(115)-(130)-(160)-(200)-(250)M	9.0	(45)-(70)-(90)	(115)-(130)-(160)-(200)-(250)	1/8PT	10.0
1101	1101-02PT-(45)-(70)-(90)-(115)-(130)-(160)-(200)-(250)M		(45)-(70)-(90)	(115)-(130)-(160)-(200)-(250)	1/4PT	13.0
1101	1101-03PT-(45)-(70)-(90)-(115)-(130)-(160)-(200)-(250)M		(45)-(70)-(90)	(115)-(130)-(160)-(200)-(250)	3/8PT	16.5

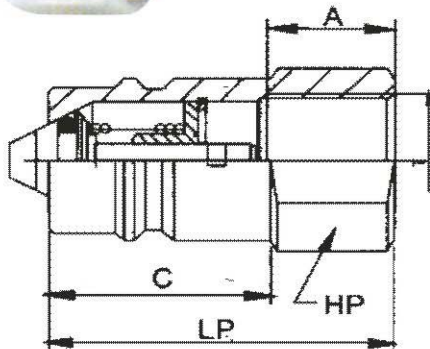
Cooling System

冷却系統

KZE開閉式液壓快速接頭(KZE ON-OFF type Hydraulic Quick Coupling)



編號 (Item No.)	LS	φ D	HS	A	T
KZE-01SF	48	24	2角14	10	G1/8
KZE-02SF	58	28	2角19	12.5	G1/4
KZE-03SF	65	35	2角21	13	G3/8
KZE-04SF	66	39.5	2角27	17	G1/2
KZE-06SF	79	49	2角36	18	G3/4
KZE-08SF	95.5	58	2角41	21	G1
KZE-10SF	115	70	2角54	27	G1-1/4
KZE-12SF	124	79	2角60	27	G1-1/2
KZE-16SF	132	102	2角77	30	G2

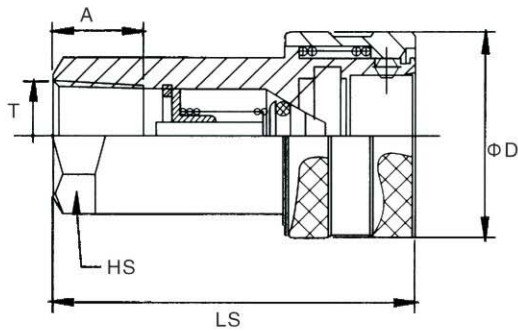
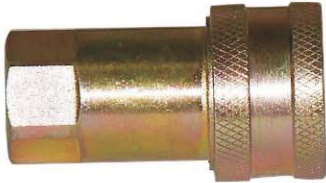


編號 (Item No.)	LP	C	HP	A	T
KZE-01PF	29	19.5	6角14	10	G1/8
KZE-02PF	36	22.5	6角17	12.5	G1/4
KZE-03PF	40	25	6角22	13	G3/8
KZE-04PF	46	29	6角27	17	G1/2
KZE-06PF	55	39	6角36	18	G3/4
KZE-08PF	59.5	44	6角41	21	G1
KZE-10PF	70	45	6角52	27	G1-1/4
KZE-12PF	75	49	6角60	27	G1-1/2
KZE-16PF	80	52	6角77	30	G2

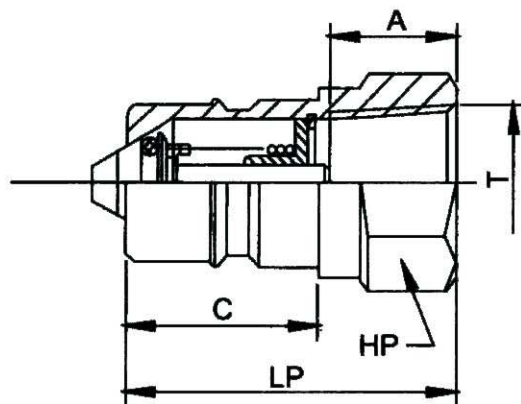
Cooling System

冷却系統

LCI開閉式液壓快速接頭(LCI ON-OFF type Hydraulic Quick Coupling)



編號 (Item No.)	LS	φ D	HS	A	T
LCI-02SF	49.5	26	19*6角	13	G1/4
LCI-03SF	56	31.5	29*.6角	14	G3/8
LCI-04SF	66	39	27*6角	16	G1/2
LCI-06SF	80	48	34*6角	18	G3/4
LCI-08SF	95.5	58	41*6角	21	G1

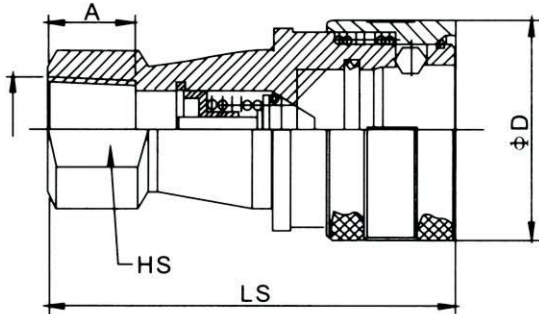


編號 (Item No.)	LP	C	HP	A	T
LCI-02PF	35.5	14.5	17*6角	13	G1/4
LCI-03PF	36.5	21.5	22*6角	14	G3/8
LCI-04PF	43.5	27	27*6角	16	G1/2
LCI-06PF	57	28	35*6角	18	G3/4
LCI-08PF	59.5	36	41*6角	21	G1

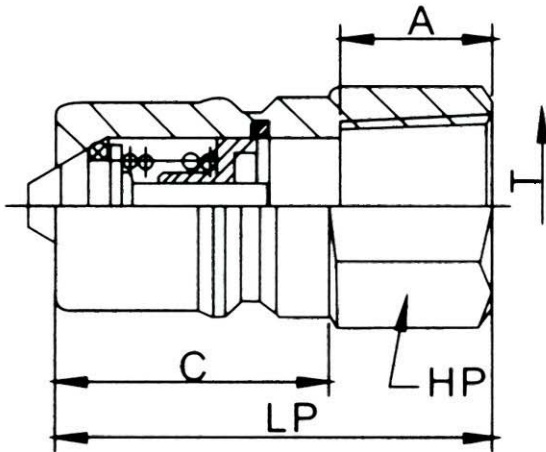
Cooling System

冷却系統

KZD中壓高性能氣液快速接頭(KZD High-power Air & Hydraulic Quick Coupling)



編號 (Item No.)	LS	φD	HS	A	T
KZD-01SF	48	24	2角14	10	ZG1/8
KZD-02SF	58	28	2角19	12.5	ZG1/4
KZD-03SF	65	35	2角21	13	ZG3/8
KZD-04SF	72	45	2角29	14	ZG1/2
KZD-06SF	88	55	2角36	17	ZG3/4
KZD-08SF	102	65	2角41	23	ZG1
KZD-10SF	115	79	2角54	27	ZG1-1/4
KZD-12SF	124	79	2角63	27	ZG1-1/2
KZD-16SF	132	109	2角77	30	ZG2

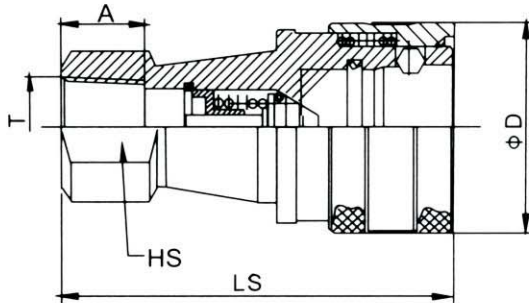


編號 (Item No.)	LP	C	HP	A	T
KZD-01PF	29	19	6角14	10	ZG1/8
KZD-02PF	36	22.5	6角17	12.5	ZG1/4
KZD-03PF	40	25	6角22	13	ZG3/8
KZD-04PF	44	28	6角27	14	ZG1/2
KZD-06PF	52	36	6角36	17	ZG3/4
KZD-08PF	62	40	6角41	23	ZG1
KZD-10PF	70	45	6角52	27	ZG1-1/4
KZD-12PF	75	49	6角60	27	ZG1-1/2
KZD-16PF	80	52	6角77	30	ZG2

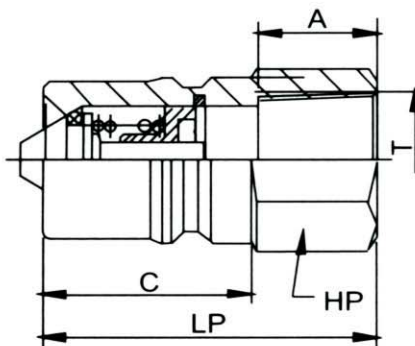
Cooling System

冷却系統

KZF不銹鋼開閉式氣液快速接頭(KZF ON-OFF type Stainless-steel Air & Hydraulic Quick Coupling)



編號 (Item No.)	LS	φD	HS	A	T
KZF-01SF	48	24	6角14	10	ZG1/8
KZF-02SF	58	28	2角19	12.5	ZG1/4
KZF-03SF	65	35	2角21	13	ZG3/8
KZF-04SF	72	45	2角29	14	ZG1/2
KZF-06SF	88	55	2角35	17	ZG3/4
KZF-08SF	102	65	2角41	23	ZG1
KZF-10SF	115	79	2角54	27	ZG1-1/4
KZF-12SF	124	79	2角63	27	ZG1-1/2
KZF-16SF	132	109	2角77	30	ZG2

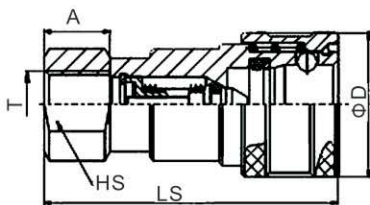


編號 (Item No.)	LP	C	HP	A	T
KZF-01PF	29	19	6角14	10	ZG1/8
KZF-02PF	36	22.5	6角17	12.5	ZG1/4
KZF-03PF	40	25	6角22	13	ZG3/8
KZF-04PF	44	28	6角27	14	ZG1/2
KZF-06PF	52	36	6角36	17	ZG3/4
KZF-08PF	62	40	6角41	23	ZG1
KZF-10PF	70	45	6角52	27	ZG1-1/4
KZF-12PF	75	49	6角60	27	ZG1-1/2
KZF-16PF	80	52	6角77	30	ZG2

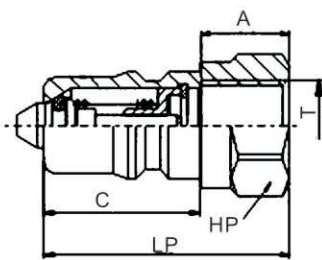
Cooling System

冷却系統

KZB开关式液压快速接头(KZB ON-OFF type Hydraulic Quick Coupling)



编号(Item No.)	LS	ΦD	HS	A	T
KZB-02SF	58	28.5	19	13	G1/4
KZB-03SF	65	35	24	13	G3/8
KZB-04SF	77	44.5	28.5	20.5	G1/2
KZB-06SF	92	54	36	22	G3/4
KZB-08SF	103	63.5	41	23	G1

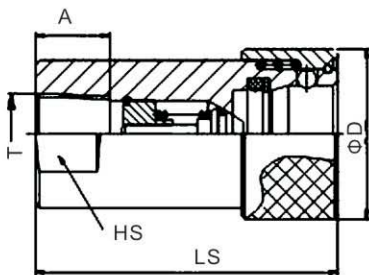
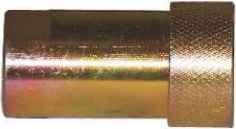


编号(Item No.)	LP	C	HP	A	T
KZB-02PF	36	22.8	19	13	G1/4
KZB-03PF	40	25	24	13	G3/8
KZB-04PF	46.5	28	28.5	20.5	G1/2
KZB-06PF	56	36	36	22	G3/4
KZB-08PF	63	45	41	23	G1

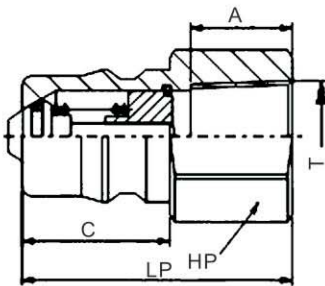
Cooling System

冷却系統

KZH开关式液压快速接头(KZH ON-OFF type Hydraulic Quick Coupling)



编号(Item No.)	LS	ΦD	HS	A	T
KZH-02SF	49	27.5	19	12	ZG1/4
KZH-03SF	60	33	23	13	ZG3/8
KZH-04SF	72	43	35	16	ZG1/2
KZH-06SF	72	43	35	18	ZG3/4
KZH-08SF	93	58	46	23	ZG1

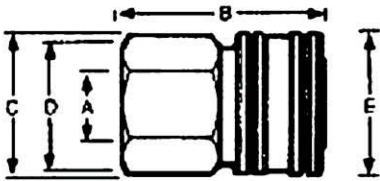
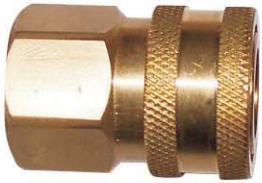


编号(Item No.)	LP	C	HP	A	T
KZH-02PF	32	17.5	19	12	ZG1/4
KZH-03PF	38	22.5	23	13	ZG3/8
KZH-04PF	44	27.5	29	16	ZG1/2
KZH-06PF	50	27.5	32	18	ZG3/4
KZH-08PF	61	36	41	23	ZG1

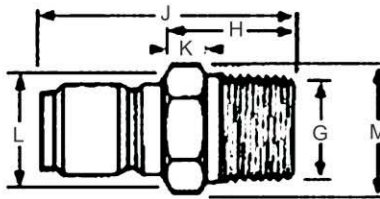
Cooling System

冷却系統

S 系列快速接头 (S series Quick Coupler)



编号 (Item No.)	A	B	C	D	E	BORE
S-1S11	1/8NPT	27	17	13	18	5
S-2S16	1/4NPT	38	24	21	24	6
S-3S21	3/8NPT	41	29	25	29	10
S-4S26	1/2NPT	48	33	29	33	13
S-6S31	3/4NPT	53	42	37	43	19
S-8S36	1NPT	59	52	44	51	25
S-10S41	1 1/4NPT	62	58	51	64	32
S-12S46	1 1/2NPT	73	75	65	80	38
S-16S51	2NTP	79	88	76	95	50

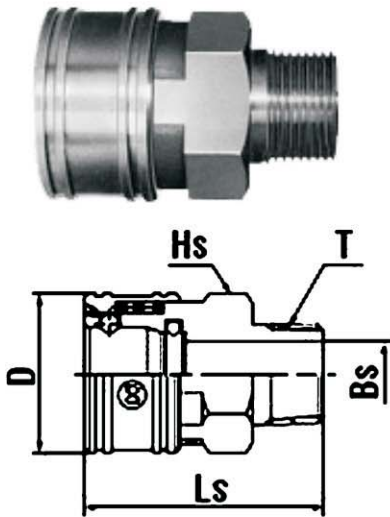


编号 (Item No.)	G	H	I	K	L	M	BORE
S-B1T10	1/8NPT	17	28	6	11	13	5
S-B1T15	1/4NPT	21	32	6	14	17	5
S-B2T15	1/4NPT	21	41	6	14	17	6
S-B3T20	3/8NPT	21	43	6	17	20	10
S-B4T25	1/2NPT	27	52	8	22	26	13
S-B6T30	3/4NPT	29	57	10	27	31	19
S-B8T35	1NPT	33	64	10	35	40	25
S-B10T40	1 1/4NPT	36	69	11	44	52	32
S-B12T45	1 1/2NPT	40	84	15	57	66	38
S-B16T50	2NTP	43	89	17	70	80	50

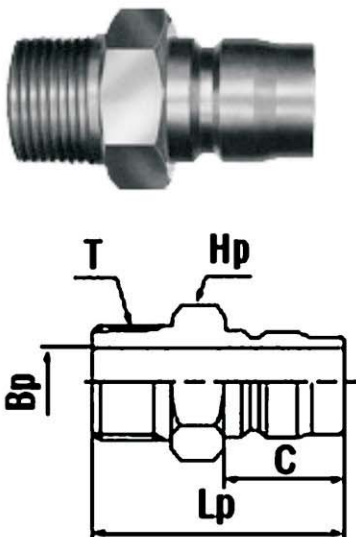
Cooling System

冷却系統

TSMS 气液快速接头 (TSMS Pneumatic & Hydraulic Quick Coupling)



型号 (Mold No.)	适用 Applicable	LS	ΦD	Hs	T	ΦBs
1TSMS	Rc1/8	30	17.5	六角14	R1/8	4.5
2TSMS	Rc1/4	42	24	六角19	R1/4	6.5
3TSMS	Rc3/8	46	28	六角23	R3/8	10
4TSMS	Rc1/2	56	35	六角29	R1/2	13
6TSMS	Rc3/4	65	45	六角38	R3/4	18
8TSMS	Rc1	76	58	六角50	R1	24
10TSMS	Rc1 1/4	86	69	二面54*Φ62	R1 1/4	32
12TSMS	Rc1 1/2	95	75	二面58*Φ66	R1 1/2	38
16TSMS	Rc2	108	98	二面77*Φ82	R2	49

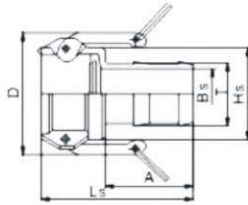


型号 (Mold No.)	适用 Applicable	Lp	Hp	C	T	ΦBP
1TPMS	Rc1/8	32	六角12	15.5	R1/8	4.5
2TPMS	Rc1/4	38	六角17	18	R1/4	6.5
3TPMS	Rc3/8	43	六角19	21	R3/8	10
4TPMS	Rc1/2	52	六角22	24	R1/2	13
6TPMS	Rc3/4	59	六角32	28	R3/4	17
8TPMS	Rc1	73	六角41	36	R1	25
10TPMS	Rc1 1/4	82	六角50	39	R1 1/4	32
12TPMS	Rc1 1/2	93	(*1)六角64	45	R1 1/2	38
16TPMS	Rc2	102	二面75*80	51	R2	50

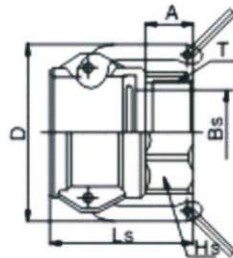
Cooling System

冷却系統

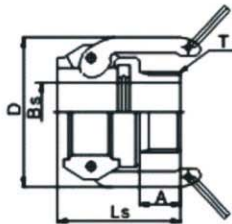
杠杆鎖定式快速接頭
(Lever locking type quick joint)



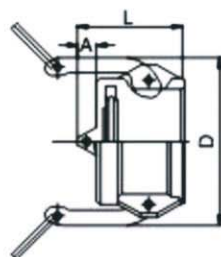
編號 (Item No.)	尺寸	Ls	A	D	φ Hs	φ T	φ Bs
S-LC-6TSH	3/4"	85	52	61	42	12	12
S-LC-8TSH	1"	99	58	61	47	27	17.5
S-LC-10TSH	1 1/4"	104	58	82	59	34	23
S-LC-12TSH	1 1/2"	108	61	90	65	41	30
S-LC-16TSH	2"	123	71	100	76	53	41
S-LC-20TSH	2 1/2"	137	80	112	90	67	56
S-LC-24TSH	3"	161	102	139	108	79	65
S-LC-32TSH	4"	172	109	167	139	105	86



編號 (Item No.)	尺寸	Ls	A	D	φ Hs	φ T	φ Bs
S-LD-6TSF	3/4"	53	20	61	六角36	RC3/4	21
S-LD-8TSF	1"	65	24	61	六角41	RC1	26
S-LD-10TSF	1 1/4"	73	26	82	六角50	RC11/4	34
S-LD-12TSF	1 1/2"	71	24	90	六角60	RC11/2	39
S-LD-16TSF	2"	80	27	100	六角70	RC2	49
S-LD-20TSF	2 1/2"	89	32	112	六角85	RC21/2	59
S-LD-24TSF	3"	95	36	139	六角100	RC3	73
S-LD-32TSF	4"	107	45	167	六角130	RC4	94



編號 (Item No.)	尺寸	L	A	D	φ T	φ Bs
S-LB-6TSM	3/4"	53	20	61	RC3/4	17
S-LB-8TSM	1"	65	24	61	RC1	24
S-LB-10TSM	1 1/4"	72	26	82	RC11/4	30
S-LB-12TSM	1 1/2"	72	24	90	RC11/2	36
S-LB-16TSM	2"	80	27	100	RC2	46
S-LB-20TSM	2 1/2"	89	32	112	RC21/2	58
S-LB-24TSM	3"	95	36	139	RC3	71
S-LB-32TSM	4"	108	45	167	RC4	92

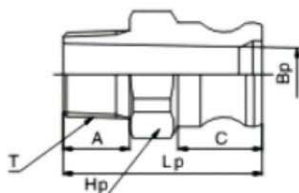


編號 (Item No.)	尺寸	L	A	D
S-L-6SD	3/4"	54	12	54
S-L-8SD	1"	62	12	62
S-L-10SD	1 1/4"	83	12	83
S-L-12SD	1 1/2"	91	17	91
S-L-16SD	2"	84	11	100
S-L-20SD	2 1/2"	72	15	113
S-L-24SD	3"	72	10	139
S-L-32SD	4"	76	15	167

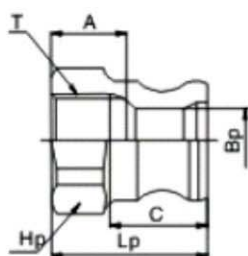
Cooling System

冷却系統

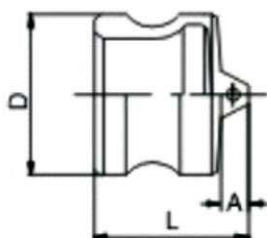
杠杆鎖定式快速接頭
(Lever locking type quick joint)



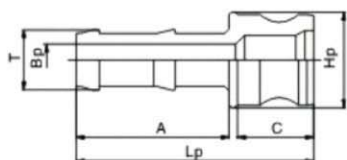
編號 (Item No.)	尺寸	Lp	A	C	φ Hp	φ T	φ Bp
S-LF-6TPM	3/4"	61	20	26	六角36	RC3/4	18
S-LF-8TPM	1"	73	24	34	六角41	RC1	22
S-LF-10TPM	1 1/4"	81	26	40	六角50	RC1 1/4	28
S-LF-12TPM	1 1/2"	81	24	42	六角55	RC1 1/2	35
S-LF-16TPM	2"	90	27	48	六角65	RC2	44
S-LF-20TPM	2 1/2"	101	32	50	六角80	RC2 1/2	56
S-LF-24TPM	3"	106	36	51	六角95	RC3	71
S-LF-32TPM	4"	124	45	53	六角130	RC4	97



編號 (Item No.)	尺寸	Lp	A	C	φ Hp	φ T	φ Bp
S-LA-6TPF	3/4"	42	20	26	六角36	RC3/4	17
S-LA-8TPF	1"	52	24	34	六角41	RC1	22
S-LA-10TPF	1 1/4"	59	28	40	六角50	RC1 1/4	27
S-LA-12TPF	1 1/2"	58	24	42	六角55	RC1 1/2	35
S-LA-16TPF	2"	64	28	48	六角65	RC2	44
S-LA-20TPF	2 1/2"	85	32	50	六角80	RC2 1/2	55
S-LA-24TPF	3"	72	36	51	六角95	RC3	71
S-LA-32TPF	4"	82	45	53	六角130	RC4	97



編號 (Item No.)	尺寸	L	A	D
S-L-6PD	3/4"	31	8	32
S-L-8PD	1"	36	10	36.9
S-L-10PD	1 1/4"	57	14	45.5
S-L-12PD	1 1/2"	54	15	53.4
S-L-16PD	2"	62	13	63
S-L-20PD	2 1/2"	69	20	75.8
S-L-24PD	3"	71	15	91.5
S-L-32PD	4"	74	16	119.4

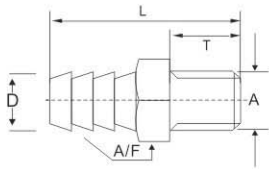


編號 (Item No.)	尺寸	Lp	A	C	φ Hp	φ T	φ Bp
S-LE-6TPH	3/4"	87	52	26	34	21	13
S-LE-8TPH	1"	101	58	34	40	27	20
S-LE-10TPH	1 1/4"	102	58	40	48	34	26
S-LE-12TPH	1 1/2"	107	61	42	58	41	32
S-LE-16TPH	2"	122	71	48	69	53	44
S-LE-20TPH	2 1/2"	146	80	50	81	67	57
S-LE-24TPH	3"	170	102	63	100	79	65
S-LE-32TPH	4"	182	109	68	133	105	86

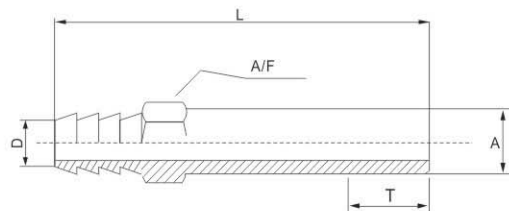
Cooling System

冷却系統

傳統水嘴(Traditional Nipple)



系列(Series)	開放式編號(Open No.)	D	L	A	T	A/F
CT-3	CT-301PT-M	11.0	40.0	1/8PT	12.0	11.0
CT-3	CT-302PT-M			1/4PT		14.0
CT-3	CT-303PT-M			3/8PT		17.0
CT-4	CT-401PT-M	14.0		1/8PT		11.0
CT-4	CT-402PT-M			1/4PT		14.0
CT-4	CT-403PT-M			3/8PT		17.0

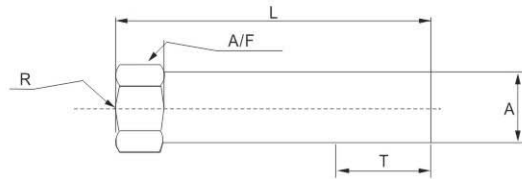


系列(Series)	開放式編號(Open No.)	D	L	A	T	A/F	
CT-3	CT-301PT-(75)-(100)-(125)-(150)-(200)-(250)M	11.0	(75)-(100)	(150)-(200)-(250)	1/8PT	12.0	11.0
CT-3	CT-302PT-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)	(150)-(200)-(250)	1/4PT		14.0
CT-3	CT-303PT-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)	(150)-(200)-(250)	3/8PT		17.0
CT-4	CT-401PT-(75)-(100)-(125)-(150)-(200)-(250)M	14.0	(75)-(100)	(150)-(200)-(250)	1/8PT	12.0	14.0
CT-4	CT-402PT-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)	(150)-(200)-(250)	1/4PT		17.0
CT-4	CT-403PT-(75)-(100)-(125)-(150)-(200)-(250)M		(75)-(100)	(150)-(200)-(250)	3/8PT		17.0

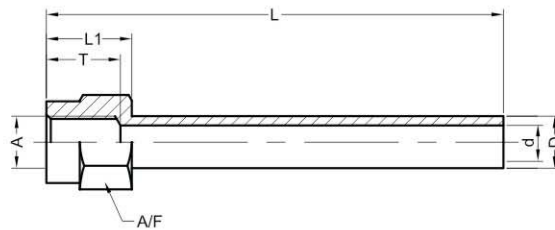
Cooling System

冷却系統

内外牙水嘴(Joint Nipple)



系列(Series)	編號(No. for Open Type)	L	R	A	T	A/F
JN	JN 01-01PT-(50)-(75)-(100)-(125)-(200)-(250)	(50)-(75)-(100)-(125)-(200)-(250)	1/8PT	1/8PT	12.0	14.0
JN	JN 01-02PT-(50)-(75)-(100)-(125)-(200)-(250)	(50)-(75)-(100)-(125)-(200)-(250)	1/8PT	1/4PT	12.0	
JN	JN 02-01PT-(50)-(75)-(100)-(125)-(200)-(250)	(50)-(75)-(100)-(125)-(200)-(250)	1/4PT	1/8PT	12.0	17.0
JN	JN 02-02PT-(50)-(75)-(100)-(125)-(200)-(250)	(50)-(75)-(100)-(125)-(200)-(250)	1/4PT	1/4PT	12.0	

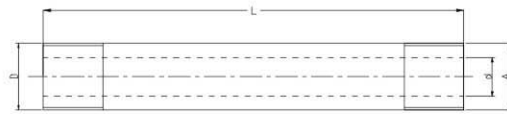


系列(Series)	編號(No. for Open Type)	L	L1	T	A	D	d	A/F
S906	S906-10-M14*1.5-120	120	15.5	12.0	M14*1.5	10.0	6	17.0
	S906-10-M14*1.5-240	240			M14*1.5			
	S906-14-M16*1.5-150	150			M16*1.5	14.0	9	
	S906-14-M16*1.5-300	300			M16*1.5			

Cooling System

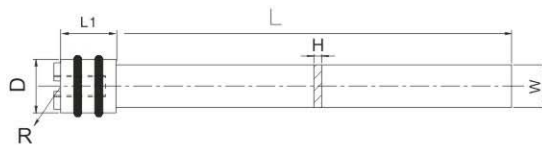
冷却系統

無縫鋼管(Seamless Steel Tube)



系列(Series)	編號(Item No.)	D	L	A	d
01PT	1/8PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)	1/8PT	(50)-(75)-(100)-(125)-(150)-(200)-(250)	1/8PT	7.0
02PT	1/4PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)	1/4PT	(50)-(75)-(100)-(125)-(150)-(200)-(250)	1/4PT	9.0
03PT	3/8PT-(50)-(75)-(100)-(125)-(150)-(200)-(250)	3/8PT	(50)-(75)-(100)-(125)-(150)-(200)-(250)	3/8PT	12.0

雙膠圈隔水片(Double Seal Straight Brass Plug Baffle)

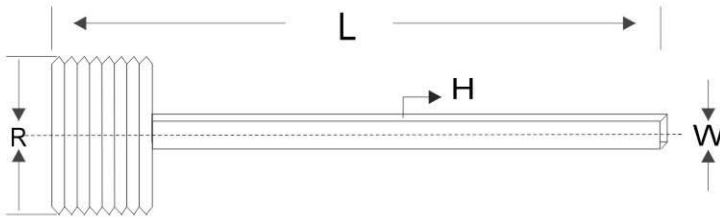


系列 (Series)	編號 (Item No)	規格 (D)	內牙 (R)	長度 (L)	寬度 (W)	厚度 (H)	堵頭長 (L1)
DS	DS-12	11.7	M6	180	10.0	1.5	13.0
DS	DS-16	15.7	M8	250	15.0	2.0	16.0
DS	DS-22	21.7	M12	300	20.0	2.0	20.0
DS	DS-26	25.7	M16	390	25.0	2.0	22.0
系列 (Series)	編號 (Item No)	規格 (D)	內牙 (R)	長度 (L)	寬度 (W)	厚度 (H)	堵頭長 (L1)
HS	HS-11.9	11.9	M6	180	8	1.5	13.0
					10		
HS	HS-15.8	15.8	M8	250	12	2.0	16.0
					15		

Cooling System

冷却系統

隔水片 (Straight Brass Plug Baffle)



美制規格隔水片 (American Straight Brass Plug Baffle)

編號 (Item No.)	規格 (R)	長度 (L)	寬度 (W)	厚度 (H)
AS-01-4	1/8 NPT	4	5/16	1/16
AS-01-8	1/8 NPT	8	5/16	1/16
AS-02-5	1/4 NPT	5	7/16	3/32
AS-02-10	1/4 NPT	10	7/16	3/32
AS-03-6	3/8 NPT	6	9/16	3/32
AS-03-12	3/8 NPT	12	9/16	3/32
AS-04-8	1/2 NPT	8	11/16	3/32
AS-04-16	1/2 NPT	16	11/16	3/32
AS-06-12	3/4 NPT	12	15/16	1/8
AS-06-20	3/4 NPT	20	15/16	1/8
AS-08-16	1 NPT	16	1 1/8	1/8
AS-08-24	1 NPT	24	1 1/8	1/8

單位: INCH

英制規格隔水片 (British Straight Brass Plug Baffle)

編號 (Item No.)	規格 (R)	長度 (L)	寬度 (W)	厚度 (H)
ES-01-100	1/8 PT	100	8.2	2
ES-01-200	1/8 PT	200	8.2	2
ES-02-125	1/4 PT	125	11.2	2.5
ES-02-250	1/4 PT	250	11.2	2.5
ES-03-150	3/8 PT	150	14.7	2.5
ES-03-300	3/8 PT	300	14.7	2.5
ES-04-200	1/2 PT	200	18.2	2.5
ES-04-400	1/2 PT	400	18.2	2.5
ES-06-300	3/4 PT	300	23.2	3
ES-06-500	3/4 PT	500	23.2	3
ES-08-400	1 PT	400	26.7	3
ES-08-600	1 PT	600	26.7	3

單位: mm

Cooling System

冷却系統

隔水片(Spiral Brass Plug Baffle)



美制螺旋隔水片(American Spiral Straight Brass Plug Baffle)

編號(Item No.)	規格 (R)	長度 (L)	寬度 (W)	厚度 (H)
ASS-01-4	1/8 NPT	4	5/16	1/16
ASS-01-8	1/8 NPT	8	5/16	1/16
ASS-02-5	1/4 NPT	5	7/16	3/32
ASS-02-10	1/4 NPT	10	7/16	3/32
ASS-03-6	3/8 NPT	6	9/16	3/32
ASS-03-12	3/8 NPT	12	9/16	3/32
ASS-04-8	1/2 NPT	8	11/16	3/32
ASS-04-16	1/2 NPT	16	11/16	3/32
ASS-06-12	3/4 NPT	12	15/16	1/8
ASS-06-20	3/4 NPT	20	15/16	1/8
ASS-08-16	1 NPT	16	11/8	1/8
ASS-08-24	1 NPT	24	11/8	1/8

單位:INCH

英制螺旋隔水片 (British Spiral Brass Plug Baffle)

編號(Item No.)	規格 (R)	長度 (L)	寬度 (W)	厚度 (H)
ESS-01-100	1/8 PT	100	8.2	2
ESS-01-200	1/8 PT	200	8.2	2
ESS-02-125	1/4 PT	125	11.2	2.5
ESS-02-250	1/4 PT	250	11.2	2.5
ESS-03-150	3/8 PT	150	14.7	2.5
ESS-03-300	3/8 PT	300	14.7	2.5
ESS-04-200	1/2 PT	200	18.2	2.5
ESS-04-400	1/2 PT	400	18.2	2.5
ESS-06-300	3/4 PT	300	23.2	3
ESS-06-500	3/4 PT	500	23.2	3
ESS-08-400	1 PT	400	26.7	3
ESS-08-600	1 PT	600	26.7	3

單位:mm

Cooling System

冷却系統

螺旋水套 (Plastic Spiral Tube)

A Type Tube (Include "O"Ring)

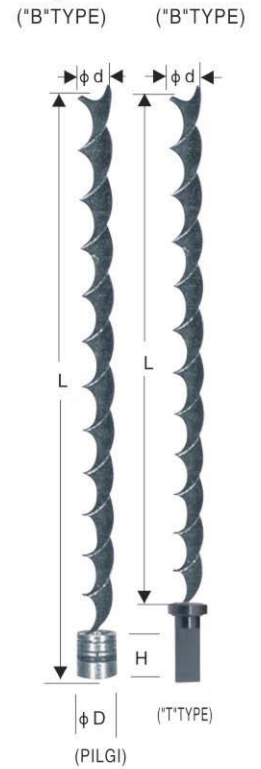
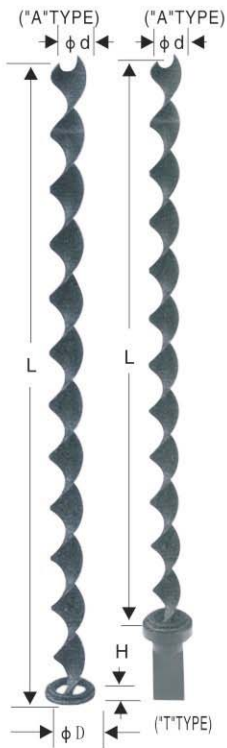
Plastic Spiral Tube W/Plug

Item No.	ϕd	L	O Ring	ϕDXH
SST-A08100	$\phi 8$	100	P:10	15x4
SST-A08200	$\phi 8$	200	P:10	15x4
SST-A08300	$\phi 8$	300	P:10	15x4
SST-A10100	$\phi 10$	100	P:12	18x4
SST-A10200	$\phi 10$	200	P:12	18x4
SST-A10300	$\phi 10$	300	P:12	18x4
SST-A12100	$\phi 12$	100	P:16	22x4
SST-A12200	$\phi 12$	200	P:16	22x4
SST-A12300	$\phi 12$	300	P:16	22x4
SST-A16100	$\phi 16$	100	P:20	25x4
SST-A16200	$\phi 16$	200	P:20	25x4
SST-A16300	$\phi 16$	300	P:20	25x4
SST-A20100	$\phi 20$	100	AS:119	30x4
SST-A20200	$\phi 20$	200	AS:119	30x4
SST-A20300	$\phi 20$	300	AS:119	30x4
SST-A20400	$\phi 20$	400	AS:119	30x4
SST-A25100	$\phi 25$	100	AS:121	35x4
SST-A25200	$\phi 25$	200	AS:121	35x4
SST-A25300	$\phi 25$	300	AS:121	35x4
SST-A25400	$\phi 25$	400	AS:121	35x4

B Type Tube (Exclude Brass Plug)

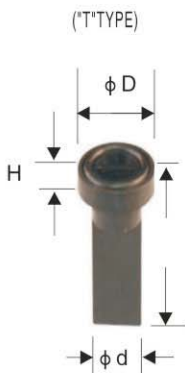
Plastic Spiral Tube W/OPlug

Item No.	ϕd	L	Brass Plug (ϕDXH)
SST-B08096	$\phi 8$	96	$\phi 8x10$
SST-B08196	$\phi 8$	196	$\phi 8x10$
SST-B08296	$\phi 8$	296	$\phi 8x10$
SST-B10096	$\phi 10$	96	$\phi 10x11$
SST-B10196	$\phi 10$	196	$\phi 10x11$
SST-B10296	$\phi 10$	296	$\phi 10x11$
SST-B12096	$\phi 12$	96	$\phi 12x12$
SST-B12196	$\phi 12$	196	$\phi 12x12$
SST-B12296	$\phi 12$	296	$\phi 12x12$
SST-B16096	$\phi 16$	96	$\phi 16x14$
SST-B16196	$\phi 16$	196	$\phi 16x14$
SST-B16296	$\phi 16$	296	$\phi 16x14$
SST-B20096	$\phi 20$	96	$\phi 20x18$
SST-B20196	$\phi 20$	196	$\phi 20x18$
SST-B20296	$\phi 20$	296	$\phi 20x18$
SST-B20396	$\phi 20$	396	$\phi 20x18$
SST-B25096	$\phi 25$	96	$\phi 25x19$
SST-B25196	$\phi 25$	196	$\phi 25x19$
SST-B25296	$\phi 25$	296	$\phi 25x19$
SST-B25396	$\phi 25$	396	$\phi 25x19$



T Type Tube (Include "O"Ring)

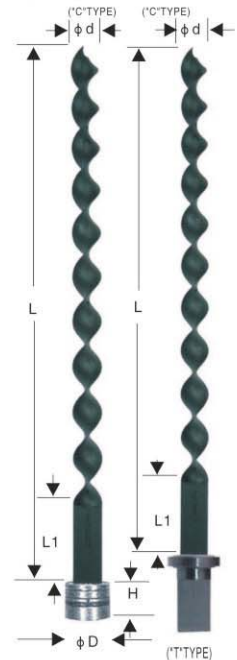
Item No.	ϕd	L	O Ring	ϕDXH
SST-T0825	$\phi 8$	25	P:8	15x4.4
SST-T0830	$\phi 8$	30	P:8	15x4.4
SST-T0835	$\phi 8$	35	P:8	15x4.4
SST-T0840	$\phi 8$	40	P:8	15x4.4
SST-T1025	$\phi 10$	25	P:10	18x4.4
SST-T1030	$\phi 10$	30	P:10	18x4.4
SST-T1035	$\phi 10$	35	P:10	18x4.4
SST-T1040	$\phi 10$	40	P:10	18x4.4
SST-T1225	$\phi 12$	25	P:12	22x4.4
SST-T1230	$\phi 12$	30	P:12	22x4.4
SST-T1235	$\phi 12$	35	P:12	22x4.4
SST-T1240	$\phi 12$	40	P:12	22x4.4
SST-T1625	$\phi 16$	25	P:16	25x4.4
SST-T1630	$\phi 16$	30	P:16	25x4.4
SST-T1635	$\phi 16$	35	P:16	25x4.4
SST-T1640	$\phi 16$	40	P:16	25x4.4
SST-T2025	$\phi 20$	25	P:20	30x4.4
SST-T2030	$\phi 20$	30	P:20	30x4.4
SST-T2035	$\phi 20$	35	P:20	30x4.4
SST-T2040	$\phi 20$	40	P:20	30x4.4
SST-T2525	$\phi 25$	25	P:119	35x4.4
SST-T2530	$\phi 25$	30	P:119	35x4.4
SST-T2535	$\phi 25$	35	P:119	35x4.4
SST-T2540	$\phi 25$	40	P:119	35x4.4



C Type Tube (Exclude Brass plug)

Plastic Spiral Tube W/OPlug

Item No.	d	L	L1	Brass Plug (ϕDXH)
SST-C08100	8	100	34/54	$\phi 8x10$
SST-C08200	8	200	34/54	$\phi 8x10$
SST-C08300	8	300	34/54	$\phi 8x10$
SST-C10100	10	100	34/54	$\phi 10x11$
SST-C10200	10	200	34/54	$\phi 10x11$
SST-C10300	10	300	42/67	$\phi 10x11$
SST-C12100	12	100	42/67	$\phi 12x12$
SST-C12200	12	200	42/67	$\phi 12x12$
SST-C12300	12	300	42/67	$\phi 12x12$
SST-C16100	16	100	42/67	$\phi 16x14$
SST-C16200	16	200	42/67	$\phi 16x14$
SST-C16300	16	300	42/67	$\phi 16x14$
SST-C20100	20	100	42/67	$\phi 20x18$
SST-C20200	20	200	42/67/92	$\phi 20x18$
SST-C20300	20	300	42/67/92	$\phi 20x18$
SST-C20400	20	400	42/67/92	$\phi 20x18$
SST-C25100	25	100	42/67	$\phi 25x19$
SST-C25200	25	200	42/67/92	$\phi 25x19$
SST-C25300	25	300	42/67/92	$\phi 25x19$
SST-C25400	25	400	42/67/92	$\phi 25x19$



Cooling System

冷却系統

運水蕊 (Water Core For Transportation)

單螺旋運水針(Single Spiral Water Core for transportation)

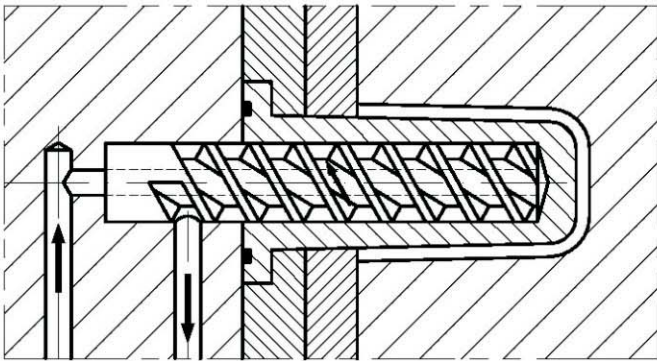
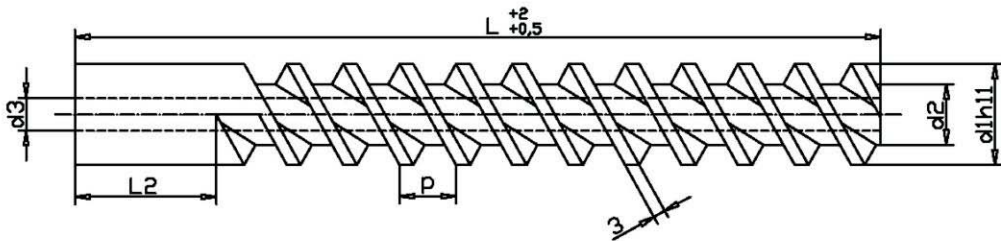


图1

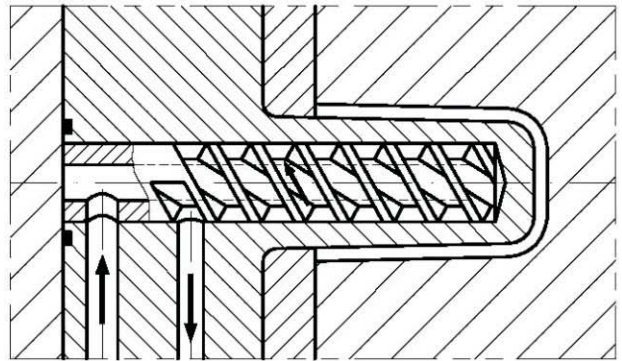


图2

材質: 鋁 Material: Aluminum

系列(Series)	編號(Item No.)	P	L2	d2	d1	d3	L
SST	SST-12-L	14	35	8	12	5	150、175、200、250、300、400
SST	SST-16-L			11	16	6	150、175、200、250、300、400
SST	SST-20-L			13	20	8	150、175、200、250、300、400
SST	SST-25-L	18	35	15	25	10	150、175、200、250、300、400
SST	SST-32-L			22	32	12	150、175、200、250、300、400
SST	SST-40-L			26	40	14	150、175、200、250、300、400
SST	SST-50-L			32	50	16	150、175、200、250、300、400

Cooling System

冷却系統

雙螺旋運水針 (Double Spiral Water Core for transportation)

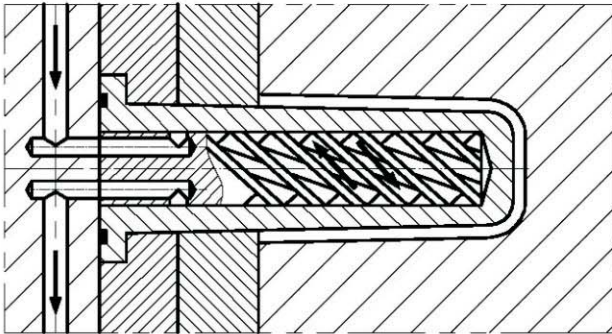
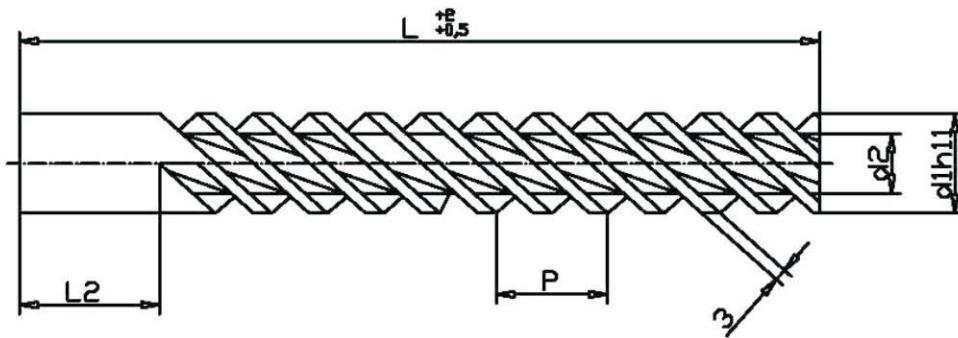


图1

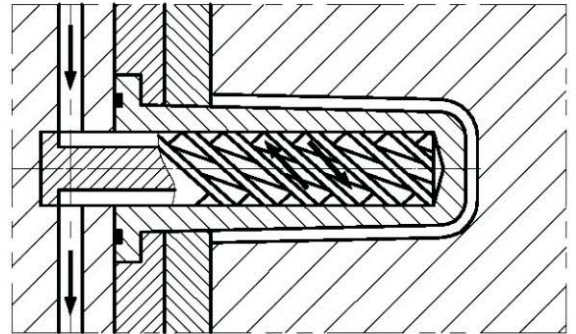


图2

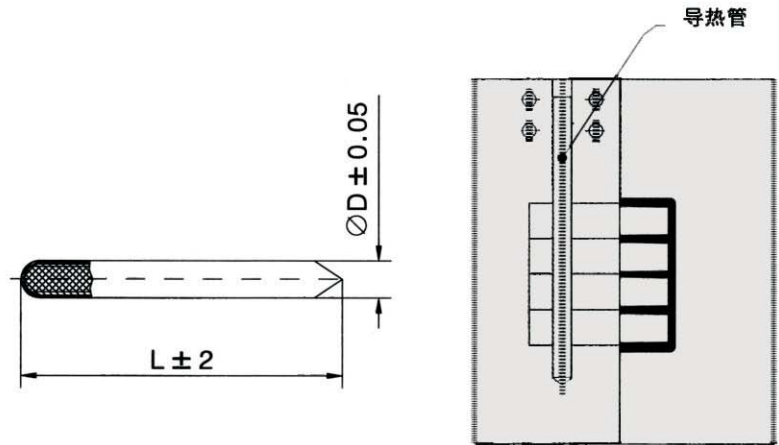
材質: 鋁 Material: Aluminum

系列 (Series)	編號 (Item No.)	P	L2	d2	d1	L
DST	DST-12-L	28	35	8	12	125, 150, 175, 200, 250, 300, 350, 400
DST	DST-16-L			11	16	
DST	DST-20-L			13	20	
DST	DST-25-L			15	25	
DST	DST-32-L	36	35	22	32	125, 150, 175, 200, 250, 300, 350, 400
DST	DST-40-L			26	40	
DST	DST-50-L			32	50	

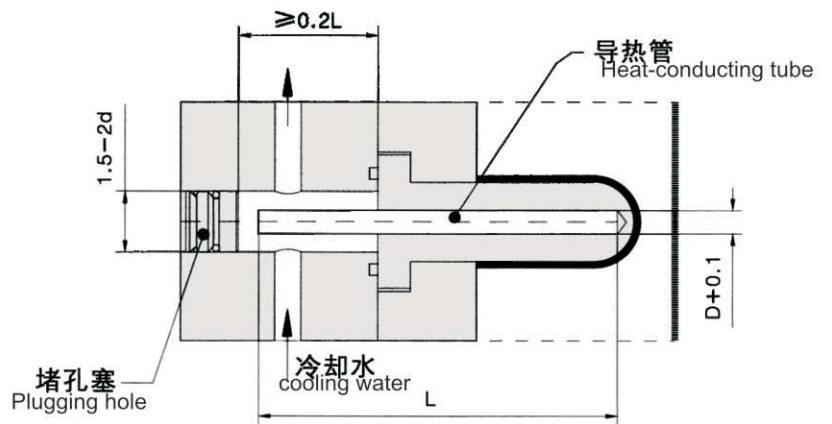
Cooling System

冷却系統

冷却棒(热棒)(Heat-Sink Tube)



导热膏 Heat-conductive Paste



編號 (Item No.)	D	L
HST-020	2	20~250
HST-025	2.5	
HST-030	3	
HST-040	4	
HST-050	5	
HST-060	6	
HST-080	8	
HST-010	10	

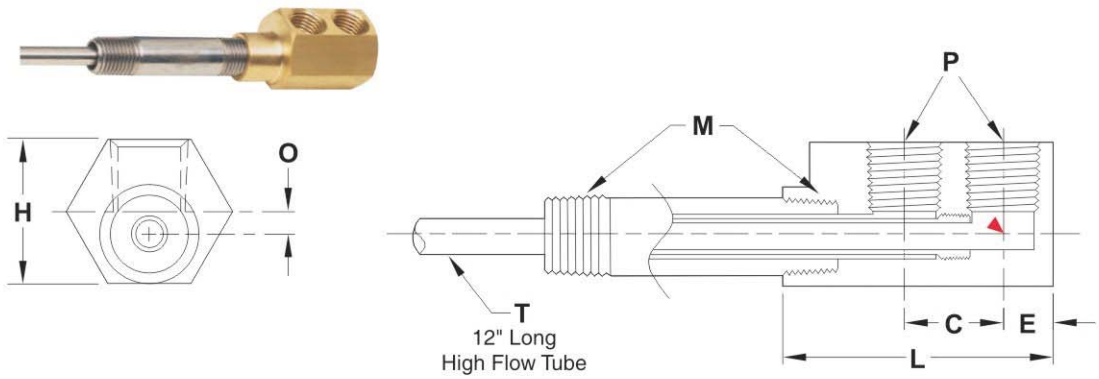
长度:20~250mm
Length:20-250mm

250mm以上另制

Cooling System

冷却系統

串接式接頭(Cascade - High Flow type)



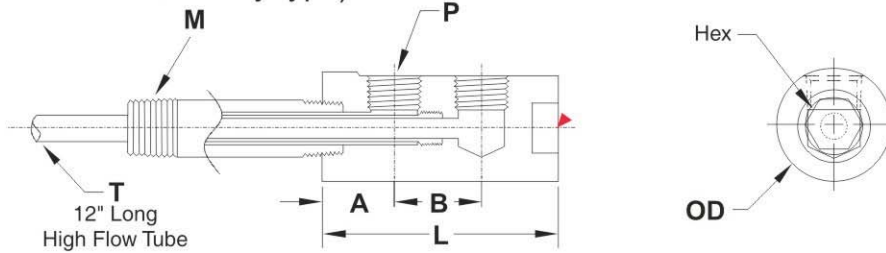
M Head: Brass, Tube: Stainless Steel, 2" Long Pipe Nipple: Galvanized Steel

Item No.	M Pipe NPT	P In/Out NPT	T Tube O.D.	H Hex Size	O Offset	E	C	L	% Actual Flow Increase over Standard Cascades	Head Only Item No.
CHF1616	1/16	1/16	.125	.62	.094	.25	.50	1.25	-	HF1616
CHF1818	1/8	1/8	.187	.75	.094	.31	.68	1.62	64%	HF1818
CHF18181	1/8	1/8	.187	.75	.094	.31	1.00	1.93	64%	HF18181
CHF1414	1/4	1/4	.250	1.0	.156	.34	.68	1.87	48%	HF1414
CHF14141	1/4	1/4	.250	1.0	.156	.34	1.00	2.18	48%	HF14141
CHF3814	3/8	1/4	.375	1.12	.125	.34	1.00	2.25	38%	HF3814

Cooling System

冷却系統

串接式接頭(Cascade - Hex Key type)

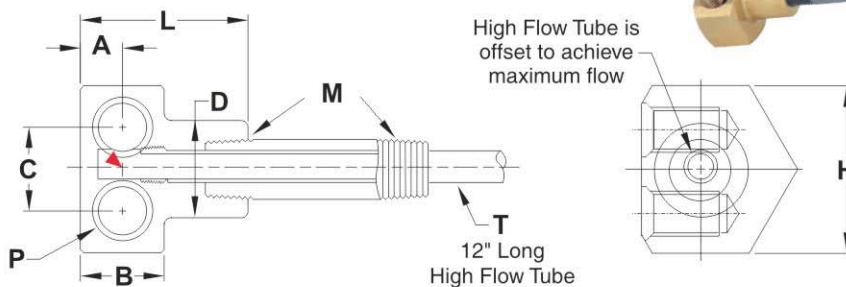


M Head: Brass, Tube: Stainless Steel, 2" Long Pipe Nipple: Galvanized Steel

Item No.	M Pipe NPT	P In/Out NPT	T Tube O.D.	L	B	A	Hex Key Size	OD	Nominal Clearance	Head Only Item No.
CHK1616	1/16	1/16	.125	1.625	.56	.50	3/16	.610	5/8	HKH1616
CHK1816	1/8	1/16	.187	1.687	.56	.56	3/8	.735	3/4	HKH1816
CHK1818	1/8	1/8	.187	1.875	.68	.56	3/8	.860	7/8	HKH1818
CHK18181	1/8	1/8	.187	2.187	1.00	.56	3/8	.860	7/8	HKH18181
CHK1418	1/4	1/8	.250	2.187	.68	.81	1/2	.985	1	HKH1418
CHK14181	1/4	1/8	.250	2.500	1.00	.81	1/2	.985	1	HKH14181
CHK1414	1/4	1/4	.250	2.312	.68	.87	1/2	.985	1	HKH1414
CHK14141	1/4	1/4	.250	2.625	1.00	.87	1/2	.985	1	HKH14141
CHK3814	3/8	1/4	.312	2.625	1.00	.87	1/2	.985	1	HKH3814
CHK1214	1/2	1/4	.375	2.812	1.00	1.00	1/2	1.235	1-1/4	HKH1214

Compact

串接式接頭(Cascade-Compact Type)



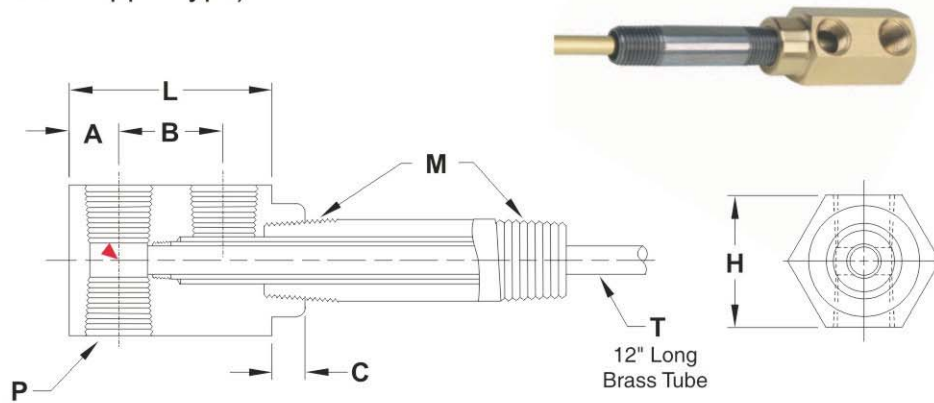
M Head: Brass, Tube: Stainless Steel, 2" Long Pipe Nipple: Galvanized Steel

Item No.	M Pipe NPT	P In/Out NPT	T Tube O.D.	H Hex Size	A	B	C	L	D	Head Only Item No.
ACC1816	1/8	1/16	.187	.93	.21	.437	.50	1.00	.625	CC1816
ACC1418	1/4	1/8	.250	1.25	.31	.625	.68	1.25	.750	CC1418
ACC1414	1/4	1/4	.250	1.50	.37	.750	.75	1.50	.875	CC1414
ACC3814	3/8	1/4	.312	1.50	.37	.750	.75	1.50	1.000	CC3814

Cooling System

冷却系統

串接式接頭(Cascade - Nipple type)



M Head: Brass, Tube: Brass, 2" Long Pipe Nipple: Galvanized Steel

Catalog Number	M Pipe NPT	P In/Out NPT	T Tube O.D.	H Hex Size	A	B	C	L	Head Only Catalog Number
CNT1816	1/8	1/16	.187	.75	.21	.50	.28	.937	NT1816
CNT1818	1/8	1/8	.187	.87	.32	.68	.28	1.343	NT1818
CNT18181	1/8	1/8	.187	.87	.32	1.00	.28	1.656	NT18181
CNT1418	1/4	1/8	.250	1.00	.32	.68	.21	1.343	NT1418
CNT1414	1/4	1/4	.250	1.00	.32	.68	.21	1.343	NT1414
CNT14181	1/4	1/8	.250	1.00	.32	1.00	.43	1.656	NT14181
CNT14141	1/4	1/4	.250	1.00	.32	1.00	.43	1.656	NT14141
CNT3818	3/8	1/8	.312	1.00	.34	1.00	.40	1.687	NT3818
CNT3814	3/8	1/4	.312	1.00	.34	1.00	.40	1.687	NT3814
CNT1214	1/2	1/4	.437	1.25	.40	1.00	.56	1.812	NT1214
CNT3438	3/4	3/8	.625	1.50	.50	1.25	.75	2.250	NT3438

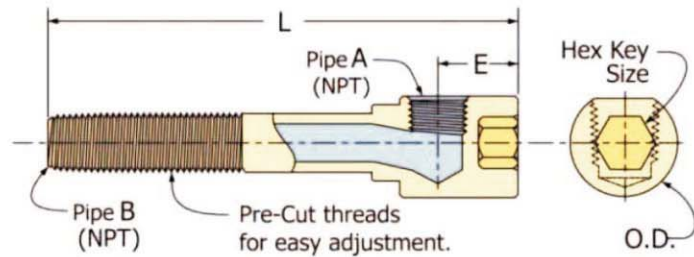
Cooling System

冷却系統

串接式接頭(Cascade - Quick Coupling type)

Round Design allows close connections.

Extra heavy duty hex socket and one piece construction ensure positive assembly and removal.



Catalog Number	A PIPE SIZE	B MOLD NIPPLE SIZE	E	O.D. DIA	HEX KEY SIZE	NOMINAL CLEARANCE DRILL	L=LENGTH							
							2-1/2	4	5-1/2	7	8-1/2	10	11-1/2	13
EKL 16-	1/16	1/16	.531	.552	1/4	9/16	*	*	*	*	*	*	*	*
EKL 18-	1/8	1/8	.580	.615	5/16	5/8	*	*	*	*	*	*	*	*
EKL 14-	1/4	1/4	.660	.860	3/8	7/8	*	*	*	*	*	*	*	*
EKL 38-	3/8	3/8	.780	.985	1/2	1	*	*	*	*	*	*	*	*
EKL 50-	1/2	1/2	.940	1.235	1/2	1-1/4	*	*	*	*	*	*	*	*

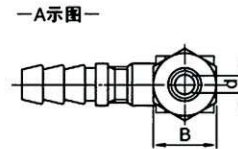
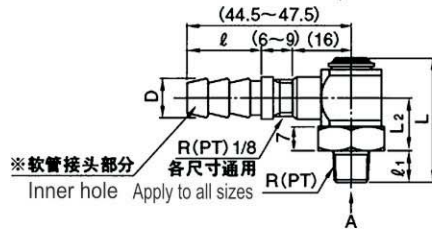
Add length to catalog number(i.e.EKL16-2 1/2)

Cooling System

冷却系統

旋转接头 (Revolving Coupling)

S-LSN (耐热120°C, 标准回转型)
Heat resistance 120°C, standard type

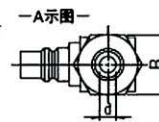
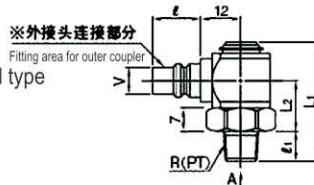


材质 黄铜 Material: Brass

适用软管 Applicable tube	软管安装部分 Tube installation		L	L ₂	B	内孔 Inner hole d	锥度外螺纹 Outer cone angle thread R(PT)	l ₁	型号 Item NO.	
	D	l							Type	No.
3/8	11	22.5	34	14.5	17	6	1/8	9.5	S-LSN (标准回转型) Standard revolving type	1
			37							2
			42.5	17	19	8	3/8	12.5		3



S-LSP
(耐热120°C, 标准回转型)
Heat resistance 120°C, standard type

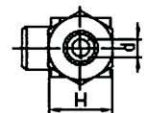
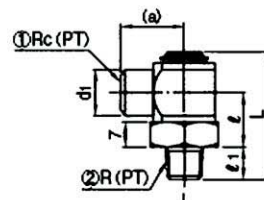


材质 黄铜 Material: Brass

适用外接头 Applicable outer coupler	外接头连接部分 Fitting area for outer coupler		L ₁	L ₂	B	内孔 Inner hole d	锥度外螺纹 Outer cone angle thread R(PT)	l ₁	型号 Item NO.	
	V	l							Type	No.
普通流量冷却水用接头系列 外接头孔径 V=8 For regular flow cooling coupling series Outer coupler dia. V=8	8	15	34	14.5	17	6	1/8	9.5	S-LSP (标准回转型) Standard revolving type	1
			37							2
			42.5	17	19	8	3/8	12.5		3



S-LSNF (内-外螺纹转换)
Inner-outer thread transfer

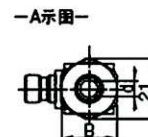
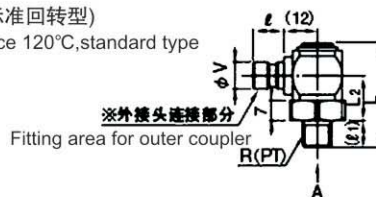


材质 黄铜 Material: Brass

H	d ₁	内孔 Inner hole d	L	l	l ₁	(a)	① Rc(PT) ② R(PT)		型号 Item NO.	
							Type	No.		
17	14	6	34	14.5	9.5	16	1/8	1/8	S-LSNF	1
19	17	8	42.5	17	12.5	22	1/4	1/4		2
	3/8						3/8	3		



S-JPLJ
(耐热120°C, 标准回转型)
Heat resistance 120°C, standard type



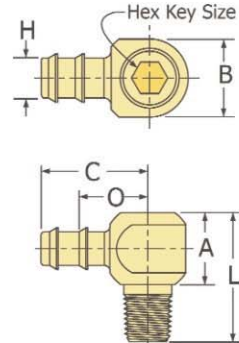
材质 黄铜 Material: Brass

适用外接头 Applicable outer coupler	外接头连接部分 Fitting area for outer coupler		L ₁	L ₂	B	内孔 Inner hole d	锥度外螺纹 Outer cone angle thread R(PT)	l ₁	型号 Item NO.	
	V	l							Type	No.
冷却水用接头系列 外接头孔径 V=9.4 Cooling coupling series Outer coupler dia. V=9.4	9.4	10.4	34	14.5	17	6	1/8	9.5	S-JPLJ (标准回转型) Standard revolving type	1
			37							2
			42.5	17	19	8	3/8	12.5		3

Cooling System

冷却系統

旋转接头 (Revolving Coupling)

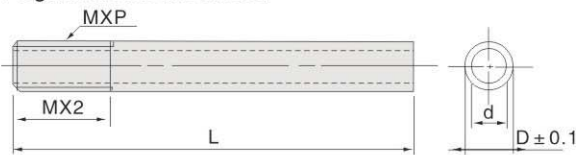


CATALOG NUMBER	PIPE SIZE (NPT)	HOSE I.D. SIZE	H HEX SIZE	L OVERALL LENGTH	A HEAD HEIGHT	B	C	O
WJ18-S	1/8	5/16	3/16	1-3/16	11/16	.660	1	5/8
WJ14-S	1/4	3/8	1/4	1-7/16	13/16	.840	1-3/16	25/32
WJ38-S	3/8	1/2	5/16	1-5/8	1	.980	1-3/8	15/16
WJ50-S	1/2	3/4	3/8	2	1-1/8	1.235	1-1/2	1-1/8
WJ18-M	1/8	5/16	3/16	2	11/16	.660	1	5/8
WJ14-M	1/4	3/8	1/4	2-3/8	13/16	.840	1-3/16	25/32
WJ38-M	3/8	1/2	5/16	2-5/8	1	.980	1-3/8	15/16
WJ50-M	1/2	3/4	3/8	3	1-1/8	1.235	1-1/2	1-1/8
WJ18-L	1/8	5/16	3/16	3-1/2	11/16	.660	1	5/8
WJ14-L	1/4	3/8	1/4	3-7/8	13/16	.840	1-3/16	25/32
WJ38-L	3/8	1/2	5/16	4-1/8	1	.980	1-3/8	15/16
WJ50-L	1/2	3/4	3/8	4-1/2	1-1/8	1.235	1-1/2	1-1/8

冷却管 (Cooling Tube)



S-wcp (普通公制細牙螺紋)
Regular metric fine thread



材質 黃銅 Material: Brass

MXPitch (螺牙螺紋)	d	型號 Item NO.		L	
		Type	D		
M 4x0.5	2.0	S-WCP (細牙螺紋)	4	50	100
				150	200
M 5x0.5	3.0		5	50	100
				150	200
			250	300	
M 6x0.75	4.0		6	50	100
				150	200
			250	300	
M 8x0.75	5.0		8	50	100
				150	200
		250	300		
M 10x1.0	7.0	10	50	100	
			150	200	
		250	300		



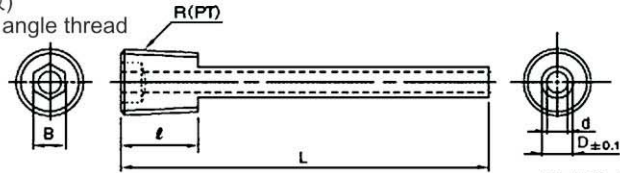
Cooling System

冷却系統

冷却管(Cooling Tube)



S-WCPPT (錐螺紋) Cone angle thread

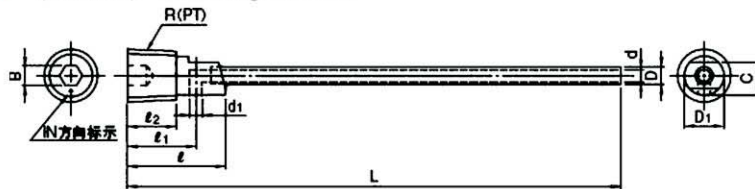


☑ 材質 黃銅 Material: Brass

R(PT)	B	l	d	型號 Item NO.		L
				Type	D	
1/8	5	7	1.5	S-WCPPT (錐螺紋) Cone angle thread	2.5	150
			2.0			200
			3.0			200
					3	250
					4	200
						300



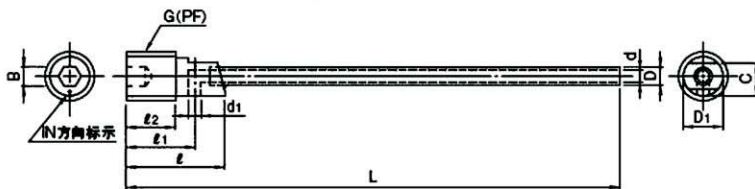
S-WCPFT (錐螺紋型) Cone angle thread



☑ 材質 黃銅 Material: Brass



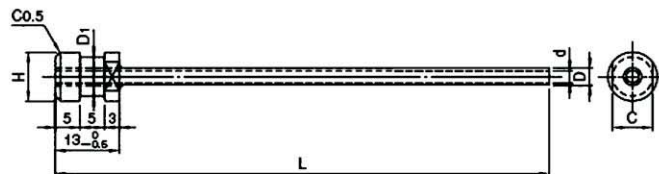
S-WCPF (英制直螺紋型) Imperial straight thread



☑ 材質 黃銅 Material: Brass



S-WCPK (壓入型) Press-in type



☑ 材質 黃銅 Material: Brass

R(PT)	G(PF)	B	l	l1	l2	C	D1	d1	d	型號 Item NO.		L
S-WCPFTS-WCPF										Type	D	
1/8	1/8	4	20	13	10	6.7	8	1.5	1.5	S-WCPFT(錐螺紋型) Cone angle thread	2.5	100
								2.0	2.0			200
1/4	1/4	5	23	15	12	8.5	10	3.0	3.0	S-WCPF(英制直螺紋型) Imperial straight thread	3	100
												4
												300
												200
												300

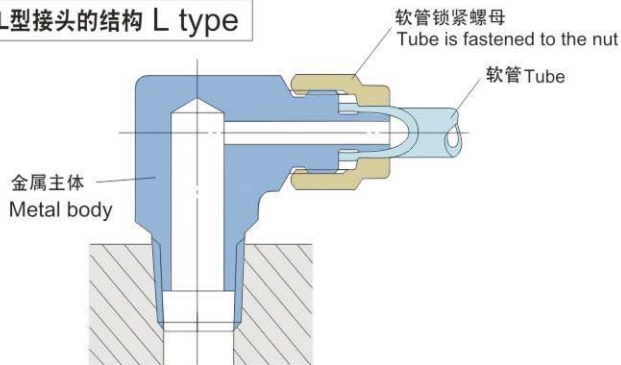
H	D1	c	d	型號 Item NO.		L
				Type	D	
8	6	6	1.5	S-WCPK (壓入型) Press-in type	2.5	100
			2.0			200
10	8	8	3.0		3	100
						4
						300
						200
						300

Cooling System

冷却系統

緊固接頭 (Fastening Coupling)

L型接头的结构 L type



S-NKL



特点Feature

- 设有插管部分，具备软管锁扣紧固机构，因而能够准确地连接和固定软管。且不需控制扭矩。

软管的安装·拆卸

① 软管的安装

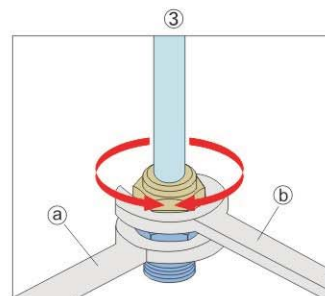
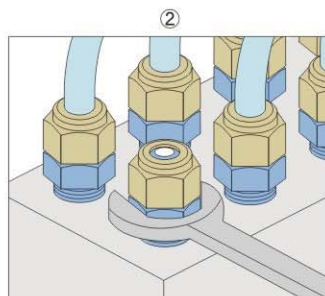
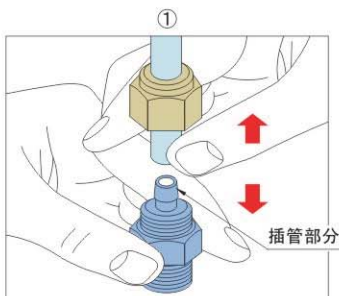
- 垂直切断软管，确认软管无痕或变形。
- 将软管穿过软管锁扣，并插入到最根部。
- 使用扳手将插装了软管的软管锁扣的外径六角部分拧紧，使其抵住模具的主体。
- 安装后确认在拉拔软管时不会脱落。

② 螺纹的紧固

- 用扳手紧固外径六角部分或主体四角部分。
- 软管锥螺纹部分未涂密封材料，应需要来使用密封胶带或密封材料。
(若在螺纹部分使用密封胶带、密封材料时，应从螺纹部分的端面留下1.5~2个螺牙用于缠绕或喷涂。)

③ 软管的拆卸

- 用扳手等固定外径六角部分，并用扳手拆卸下软管锁扣后，再拆卸下软管。
- 拆卸时，必须使流体(水、空气)停止流动。



- a) 旋转主体的扳手
- b) 旋转软管锁紧螺母的扳手

注意事项

- 拆卸接头主体时，确认软管的压力已降为0以及温度已降为30°C以下。(为防止因流体、热水的飞溅而引起烫伤)
- 切勿对接头主体施加拉伸、扭曲、弯曲等负载。(否则可能会导致接头主体破损。)
- 切勿施加水锤(冲击流)等。

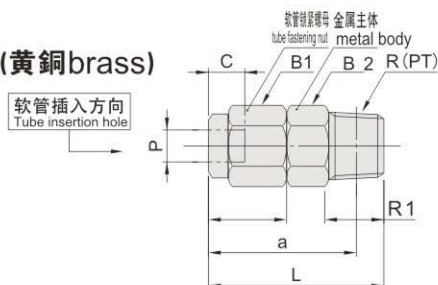
Cooling System

冷却系統

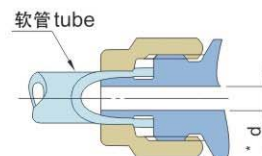
緊固接頭 (Fastening Coupling)



S-NKC (黃銅brass)



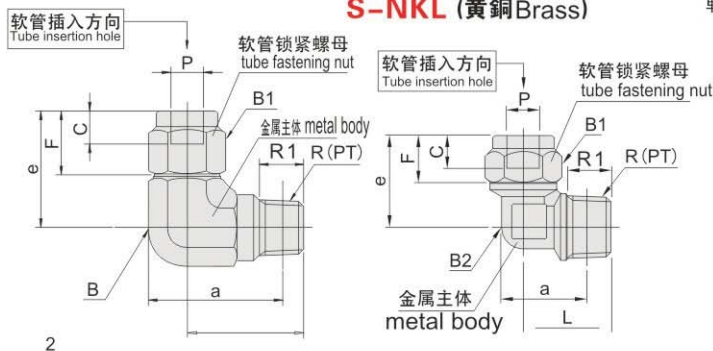
軟管插入孔截面圖



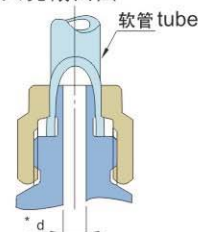
適用軟管 applicable tube		軟管插入孔 Tube insertion hole		* d	L	a	軟管鎖緊螺母 tube fastening nut		金屬主體 metal body			型號 Item NO.	
外徑 M O.D.(M) × I.D.	內徑 I.D.	孔徑 P hole dia.(P)	深度 C depth (C)				F	B ₁ (對邊)	R ₁	B ₂ (對邊)	R (PT)	Type	No.
6 × 4	6	6	6	3	25.5	21.5	11.5	12	8	12	1/8	S-NKC (黃銅Brass)	6-01
					28.5	22.5			11	14	1/4		6-02
					29.5	23.2			12	17	3/8		6-03
8 × 6	8	7	7	5	27.5	23.5	13.5	14	8	14	1/8		8-01
					30.5	24.5			11	14	1/4		8-02
					31.5	25.2			12	17	3/8		8-03
10 × 7.5	10	9	9	6	33.5	27.5	16.5	17	11	17	1/4		10-02
					34.5	28.2			12	17	3/8		10-03
					37.5	29.3			15	21	1/2		10-04
12 × 9	12	9	9	7.5	33.5	27.5	16.5	19	11	19	1/4		12-02
					34.5	28.2			12	19	3/8		12-03
					37.5	29.3			15	21	1/2		12-04



S-NKL (黃銅Brass)



軟管插入孔截面圖

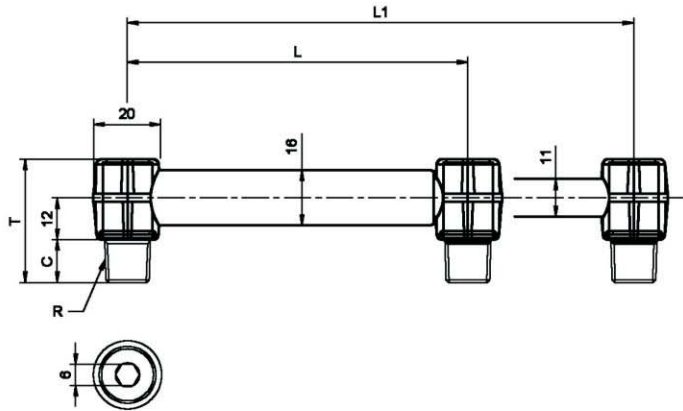
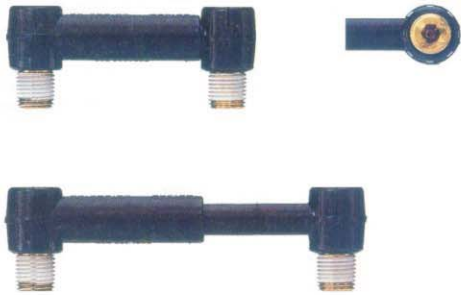


適用軟管 applicable tube		軟管插入孔 Tube insertion hole		* d	L	a	e	軟管鎖緊螺母 tube fastening nut		金屬主體 metal body			型號 Item NO.	
外徑 M O.D.(M) × I.D.	內徑 I.D.	孔徑 P hole dia.(P)	深度 C depth (C)					F	B ₁ (對邊)	R ₁	B ₂ (對邊)	R (PT)	Type	No.
6 × 4	6	6	6	3	21	23.9	21	11.5	12	8	12	1/8	S-NKL (黃銅Brass)	6-01
					22	24.1	22			11	14	1/4		6-02
					29	33.6	29			12	19	3/8		6-03
8 × 6	8	7	7	5	25	30.8	25	13.5	14	8	17	1/8		8-01
					28.8	28	11			17	1/4	8-02		
					29	33.6	29			12	19	3/8		8-03
10 × 7.5	10	9	9	6	29	34	29	16.5	17	11	19	1/4		10-02
					33.6	33.6	29			12	19	3/8		10-03
					31	36.1	31			15	23	1/2		10-04
12 × 9	12	9	9	7.5	29	34	29	16.5	19	11	19	1/4		12-02
					33.6	33.6	29			12	19	3/8		12-03
					31	36.1	31			15	23	1/2		12-04

Current divider

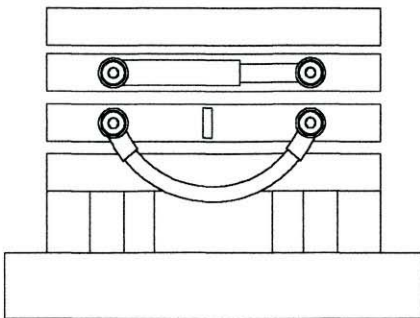
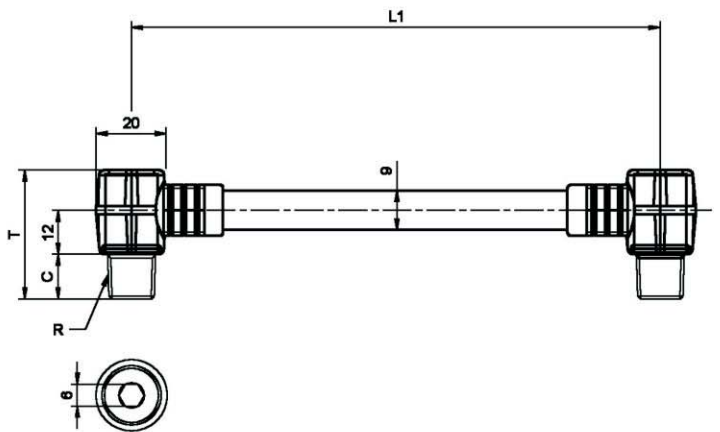
分流器

可伸縮接頭(Scalable Coupling)



編號(ItemNo)	T	C	R(PT)	L	L1
SC01-50	31	9	01	50	65
SC01-65				65	100
SC01-100				100	160
SC02-50	35	12.7	02	50	65
SC02-65				65	100
SC02-100				100	160

可彎型接頭(Flexible Coupling)



編號(ItemNo)	T	C	R(PT)	L
FC01-140	31	9	01	140
FC02-140	35	12.7	02	

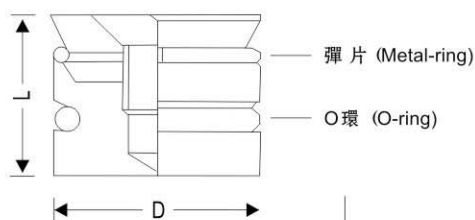
Current divider

分流器

止水栓(Water Stopper)



红色胶芯为硅胶，耐高温约140°C，耐水不耐油。
 绿色胶芯为氟胶，耐高温约200°C，耐水及耐油。
 Black: Silicon, heat-endurance 100°C, resist water but no oil
 Green: Viton, heat-endurance 200°C, resist water & oil



編號(Item No.)	WS-06	WS-08	WS-10	WS-12	WS-14	WS-16	WS-18	WS-20	WS-25	WS-30
D	Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ18	Φ20	Φ25	Φ30
L	10	10	10	12	13	14	16	19	19	19

單位: mm

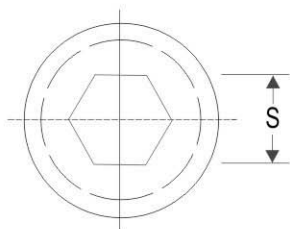
止付螺絲(Stop Screw/Set Screw)

a. 美制規格NPT牙(American NPT Thread)



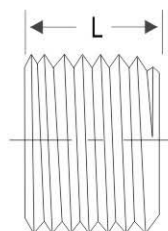
編號(Item No.)	規格(SIZE)	高度(LENGTH)	內孔徑(HEX SIZE)	牙數(THREADS)
AS-01 NPT	1/8 NPT	0.250	3/16	27
AS-02 NPT	1/4NPT	0.406	1/4	18
AS-03 NPT	3/8 NPT	0.406	5/16	18
AS-04 NPT	1/2NPT	0.531	3/8	14
AS-06 NPT	3/4NPT	0.531	9/16	14
AS-08 NPT	1 NPT	0.656	5/8	11 1/2

b. 英制規格PT牙(British PT Thread)



編號(Item No.)	規格(SIZE)	高度(LENGTH)	內孔徑(HEX SIZE)	牙數(THREADS)
ES-01 PT	1/8 PT	7.0	5.0	28.0
ES-02 PT	1/4PT	8.9	6.0	19.0
ES-03 PT	3/8 PT	10.0	8.0	19.0
ES-04 PT	1/2PT	12.0	10.0	14.0
ES-06 PT	3/4PT	14.0	14.0	14.0
ES-08 PT	1 PT	16.5	17.0	11.0

c. 德制規格M牙(German M Thread)

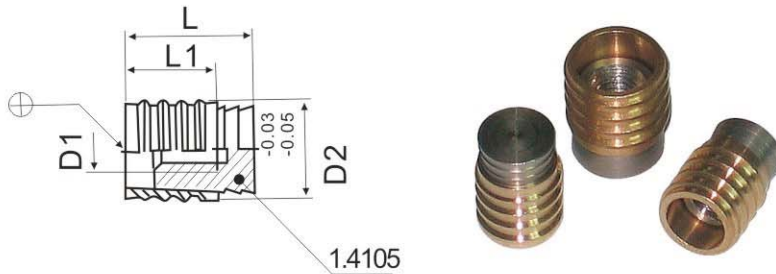


編號(Item No.)	規格(SIZE)	高度(LENGTH)	內孔徑(HEX SIZE)
GS-M8	M8*0.75	8.0	4.0
GS-M10	M10*1	8.0	5.0
GS-M12	M12*1.5	8.0	6.0
GS-M14	M14*1.5	10.0	7.0

Current divider

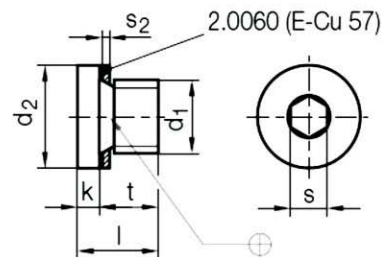
分流器

德式水塞(German-type Sealing Plug)



編號(Item No.)	L	L1	D1	D2
T942/6	11.5	8	M3	6
T942/8			M4	8
T942/10	14	10	M6	10
T942/12				12
T942/16	16	12	M8	16

德式堵頭(German-type Stopper)

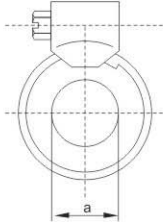


編號(Item No.)	d1	L	s	d2	K	S2	t
T941/R1/8	G1/8A	11	5	14	3	1	8
T941/R1/4	G1/4A	15	6	18			1.5
T941/R3/8	G3/8A		8	22		14	
T941/R1/2	G1/2A	18	10	26	4		
T941/10*1	M10*1	11	5	14	3	1	8
T941/12*1.5	M12*1.5	15	6	17			1.5
T941/14*1.5	M14*1.5		8	19			

Current divider

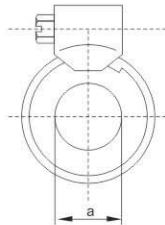
分流器

德式Gemi喉跔 (German-type Hoop)



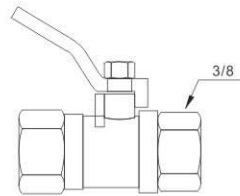
料號(Item No)	規格(Type)
GM 8-12	8-12mm
GM 10-16	10-16mm
GM 12-20	12-20mm
GM 16-27	16-27mm
GM 20-32	20-32mm
GM 25-40	25-40mm
GM 32-50	32-50mm
GM 40-60	40-60mm
GM 50-70	50-70mm
GM 70-90	70-90mm

美式喉跔(American-type Hoop)

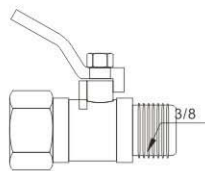


料號(Item No)	規格(Type)
HS 10-16	10-16mm
HS 13-19	13-19mm
HS 16-25	16-25mm
HS 21-38	21-38mm
HS 27-51	27-51mm
HS 33-57	33-57mm
HS 40-64	40-64mm
HS 52-76	52-76mm
HS 60-83	60-83mm
HS 70-92	70-92mm

凡而考克(Valve Cock)



料號 (Item No)	規格 (Type)
VC-02PT	1/4PT 雙內牙 (Double Inner Thread)
VC-03PT	3/8PT 雙內牙 (Double Inner Thread)
VC-04PT	1/2PT 雙內牙 (Double Inner Thread)
VC-06PT	3/4PT 雙內牙 (Double Inner Thread)
VC-08PT	1PT 雙內牙 (Double Inner Thread)



料號 (Item No)	規格 (Type)
VC-02PT-2	1/4PT*1/4PT 內外牙 (Inner/Outside Thread)
VC-03PT-2	3/8PT*1/4PT 內外牙 (Inner/Outside Thread)
VC-03PT-3	3/8PT*3/8PT 內外牙 (Inner/Outside Thread)
VC-04PT-4	1/2PT*1/2PT 內外牙 (Inner/Outside Thread)

透視管 (Flow Meter)

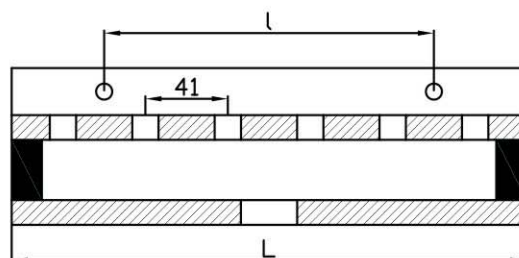
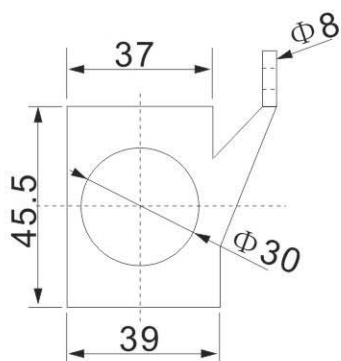
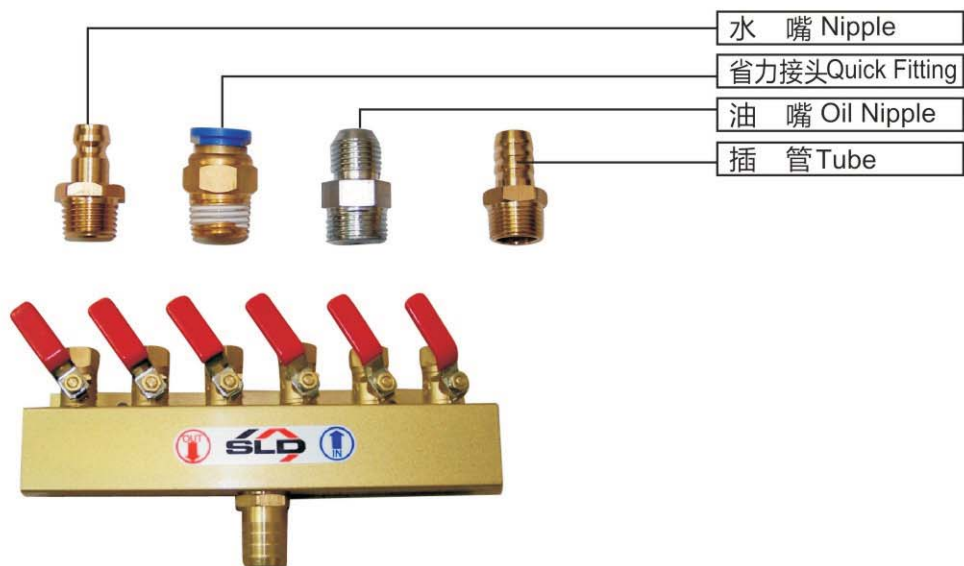


料號 (Item No)	規格 (Type)
FM-03PT	3/8PT 雙內牙 (Double Inner Thread)
FM-03PT-3	3/8PT 內外牙 (Inner/outer thread)
FMV-03PT	3/8PT 雙內牙帶閥 (Double Inner thread+valve)
FMK-03PT	3/8P 內外牙帶溫度表 (Inner/outer therad + thermograph)

Current divider

分流器

簡易型分流器(Simple Divergence)

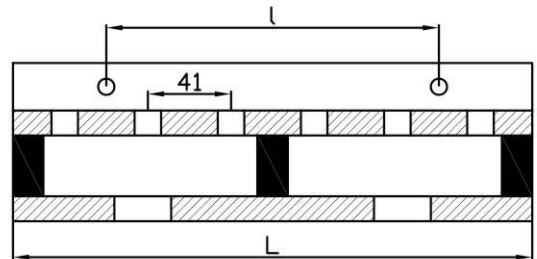
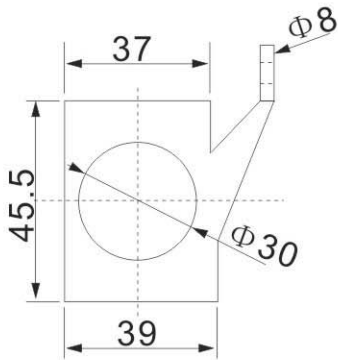
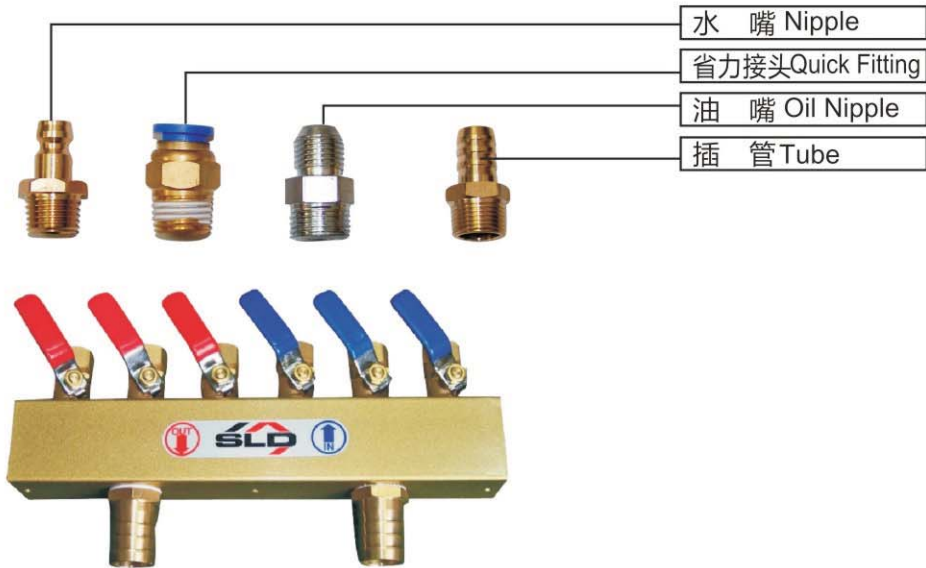


編號(Item NO)	規格 (TYPE)	長度(L)	定位孔尺寸(l)	主流管Mainstream tube	支流管flow hole
1X2AL	一進二出	92		6分或1寸 6" or 1 inch	管參考上圖 Refer to the above drawing
1X3AL	一進三出	133	42		
1X4AL	一進四出	174	83		
1X5AL	一進五出	215	124		
1X6AL	一進六出	256	165		
1X7AL	一進七出	297	203		
1X8AL	一進八出	338	247		
1X10AL	一進十出	420	249		
1X12AL	一進十二出	502	411		

Current divider

分流器

簡易型分流器(Simple Divergence)

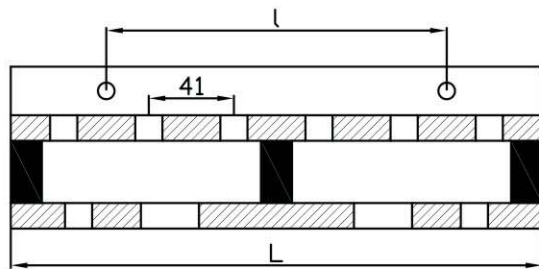
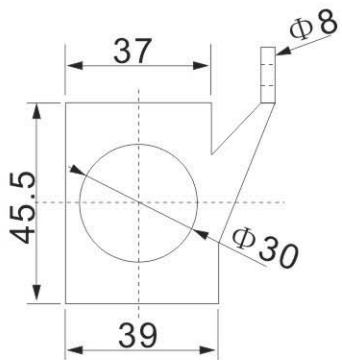
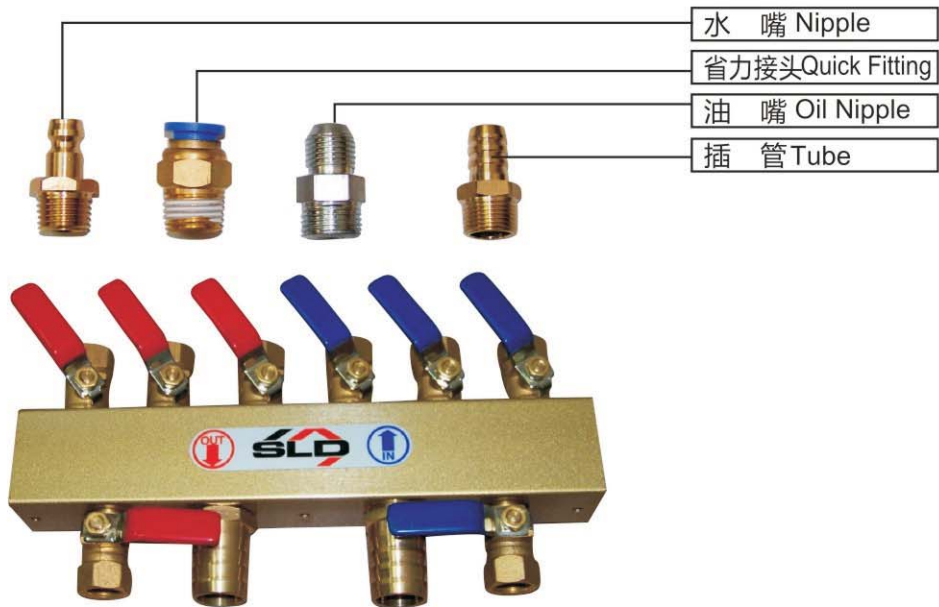


編號(Item NO)	規格 (TYPE)	長度(L)	定位孔尺寸(I)	主流管Mainstream tube	支流管flow hole
2X2AL	二進二出	174	83	6分或1寸 6" or 1 inch	管參考上圖 Refer to the above drawing
3X3AL	三進三出	256	165		
4X4AL	四進四出	338	247		
5X5AL	五進五出	420	329		
6X6AL	六進六出	502	411		
7X7AL	七進七出	584	493		
8X8AL	八進八出	666	575		
10X10AL	十進十出	830	739		
12X12AL	十二進十二出	994	903		

Current divider

分流器

簡易型分流器(Simple Divergence)



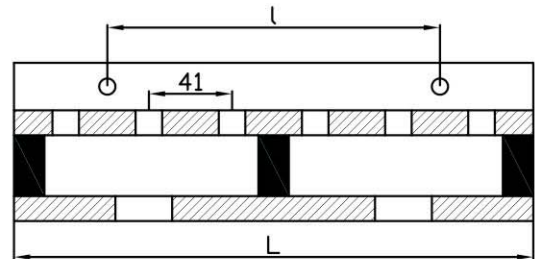
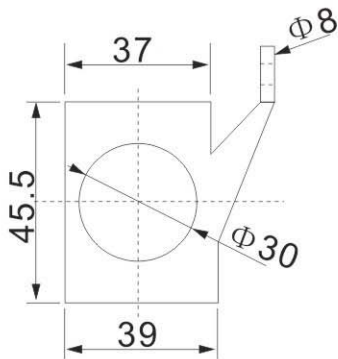
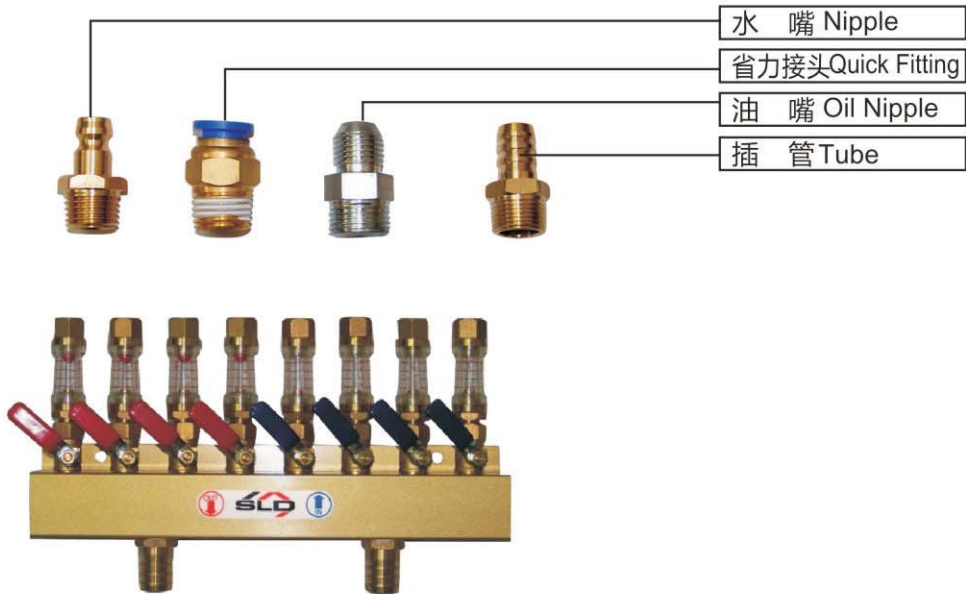
附二

編號(Item NO)	規格 (TYPE)	長度(L)	定位孔尺寸(l)	主流管Mainstream tube	支流管flow hole
2X2-2AL	二進二出	174	83	6分或1寸 6" or 1 inch	管參考上圖 Refer to the above drawing
3X3-2AL	三進三出	256	165		
4X4-2AL	四進四出	338	247		
5X5-2AL	五進五出	420	329		
6X6-2AL	六進六出	502	411		
7X7-2AL	七進七出	584	493		
8X8-2AL	八進八出	666	575		
10X10-2AL	十進十出	830	739		
12X12-2AL	十二進十二出	994	903		

Current divider

分流器

透視型分流器(Transparent Divergence)

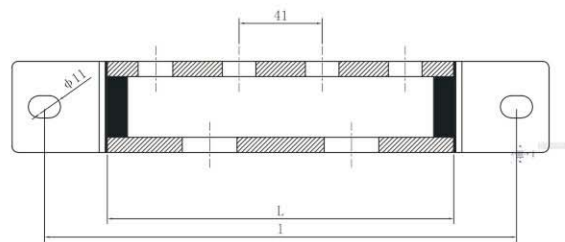
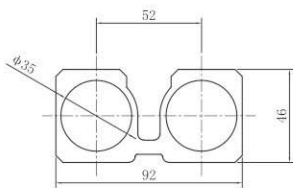
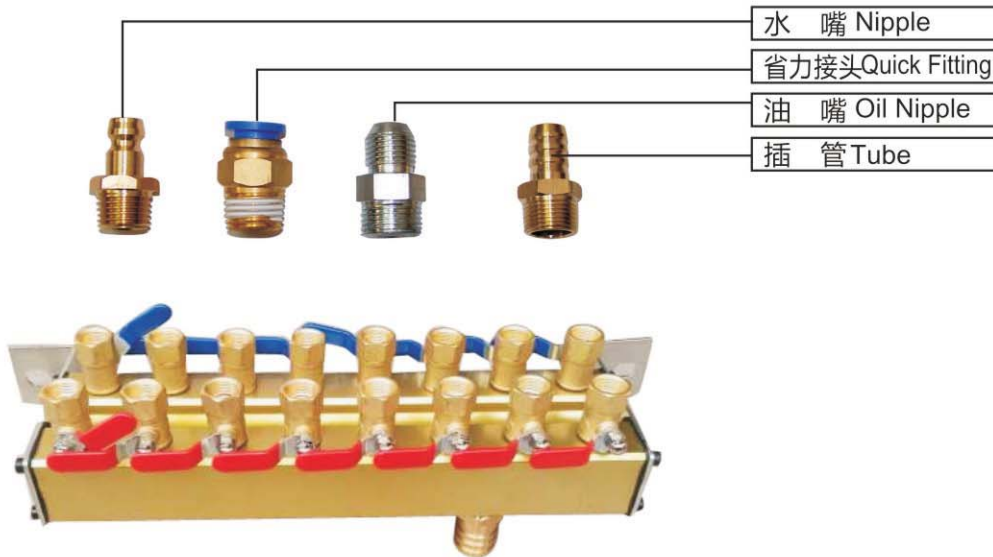


編號(Item NO)	規格 (TYPE)	長度(L)	定位孔尺寸(l)	主流管Mainstream tube	支流管flow hole
2X2AF	二進二出	174	83	6分或1寸 6" or 1 inch	管參考上圖 Refer to the above drawing
3X3AF	三進三出	256	165		
4X4AF	四進四出	338	247		
5X5AF	五進五出	420	329		
6X6AF	六進六出	502	411		
7X7AF	七進七出	584	493		
8X8AF	八進八出	666	575		
10X10AF	十進十出	830	739		
12X12AF	十二進十二出	994	903		

Current divider

分流器

雙排分流器(Double shunt)

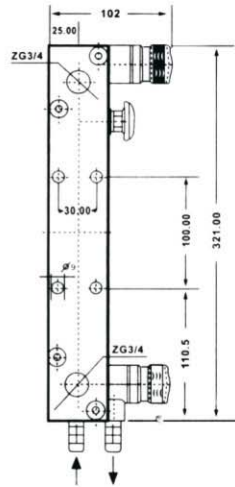
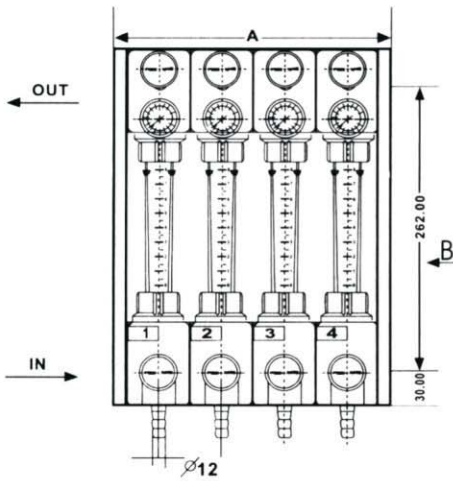


編號	規格	長度 (L)	定位孔尺寸 (I)	主流管 Mainstream tube	支流管 flow hole
S3*3AL	三進三出	130	190	6分或1寸 6" or 1 inch	管參考上圖 Refer to the above drawing
S4*4AL	四進四出	170	230		
S5*5AL	五進五出	210	270		
S6*6AL	六進六出	250	310		
S7*7AL	七進七出	290	350		
S8*8AL	八進八出	334	394		
S9*9AL	九進九出	371	431		
S10*10AL	十進十出	416	476		
S12*12AL	十二進十二出	500	560		
S16*16AL	十六進十六出	666	726		
S18*18AL	十八進十八出	760	820		

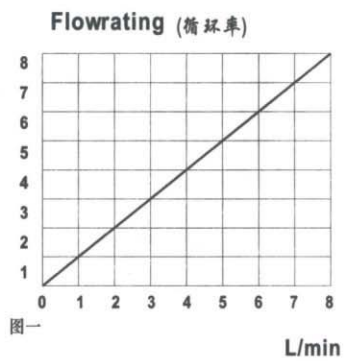
Current divider

分流器

0-8L/min精密型分流器 (Fine Transparent Divergence of 0-8L/min)



型號 (MODEL)	A
LT-200-080	140
LT-300-080	190
LT-400-080	250
LT-500-080	306
LT-600-080	363
LT-800-080	473
LT-1000-080	584
LT-1200-080	697

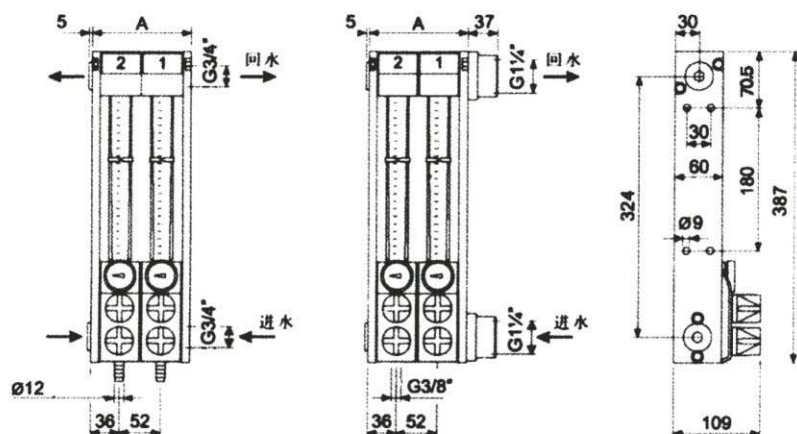


最大壓力 Max. pressure	最高溫度 Max. temperature
8bar	40 °C
6bar	60 °C
4bar	80 °C

Current divider

分流器

0-10L、0-30L精密型分流器 (Fine Transparent Divergence of 0-8L/min、0-10L/min)



SLD-010



SLD-030

总进出水接口标准尺寸

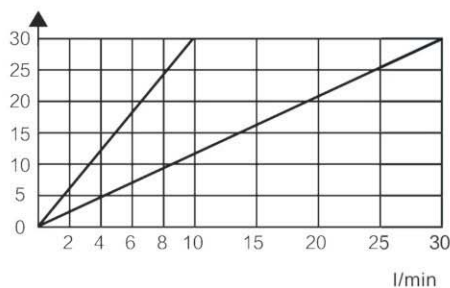
总进出水口标准接口-G1 1/4" 黄铜螺纹, 可选用G3/4"及G1"黄铜螺纹。

单回路接口标准尺寸

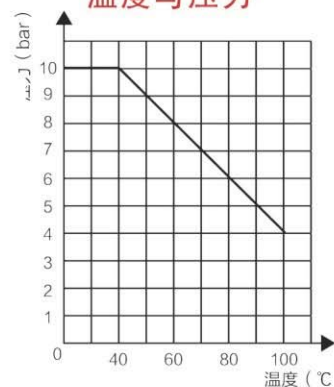
模具接口-G 3/8" 黄铜螺纹接头, 12mm黄铜套头, 用于3/8" 的连接软管。14mm黄铜套头。用于1/2" 的连接软管。20mm的黄铜套头, 用于3/4" 的连接软管。

型号 (MODEL)	型号 (MODEL)	A
SLD-200-100	SLD-200-300	124
SLD-400-100	SLD-400-300	232
SLD-600-100	SLD-600-300	338
SLD-800-100	SLD-800-300	445
SLD-1000-100	SLD-1000-300	551
SLD-1200-100	SLD-1200-300	658

刻度与流量



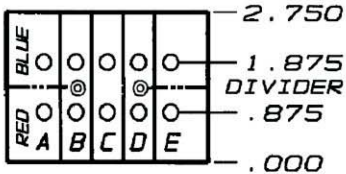
温度与压力



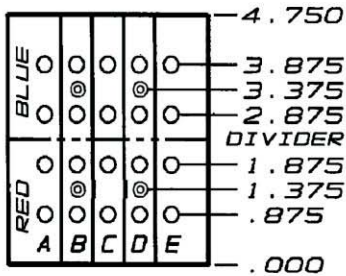
Current divider

分流器

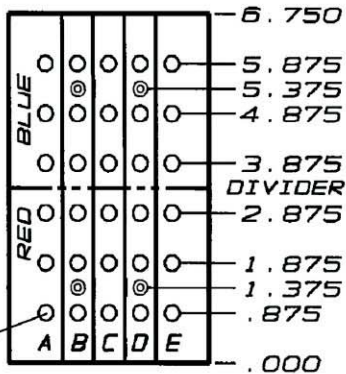
DM3系集水器 (DM3 Water Collector)



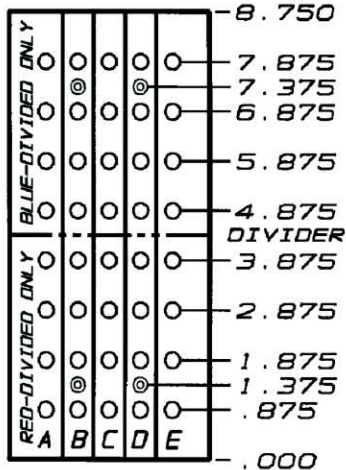
系列(Series)	編號(Item No)	面(Side)	孔數 (H)	T	顏色(Colour)
DM3	DM3-2	ABCDE	10	1/8	紅或藍 RED or BLUE
			5-5	1/4	紅+藍 RED + BLUE



系列(Series)	編號(Item No)	面(Side)	孔數 (H)	T	顏色(Colour)
DM3	DM3-4	ABCDE	20	1/8	紅或藍 RED or BLUE
			10-10	1/4	紅+藍 RED + BLUE



系列(Series)	編號(Item No)	面(Side)	孔數 (H)	T	顏色(Colour)
DM3	DM3-6	ABCDE	30	1/8	紅或藍 RED or BLUE
			15-15	1/4	紅+藍 RED + BLUE



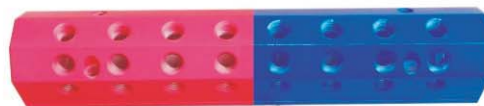
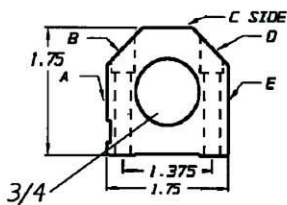
系列(Series)	編號(Item No)	面(Side)	孔數 (H)	T	顏色(Colour)
DM3	DM3-8	ABCDE	40	1/8	紅或藍 RED or BLUE
			20-20	1/4	紅+藍 RED + BLUE

例：

DM3 - 8 - BD - 16 - 1/4N^{NPT} - RED or BLUE
 ↓ ↓ ↓ ↓ ↓ ↓
 系列 長度 開孔面 孔數 螺紋 顏色
 Series Length Row on side Holes Thread Colour

DM3 - 8 - BD - 8 - 8 - 1/4N^{NPT} - RED+BLUE
 ↓ ↓ ↓ ↓ ↓ ↓ ↓
 系列 長度 開孔面 孔數 孔數 螺紋 顏色
 Series Length Row on side Holes Holes Thread Colour

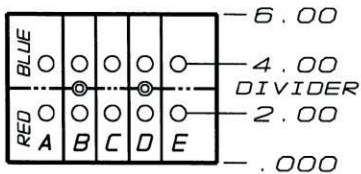
注：盡量避免相鄰兩個面加工1/4的螺紋，螺紋底端會交叉！



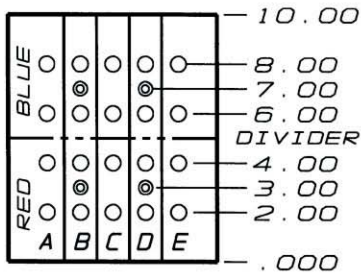
Current divider

分流器

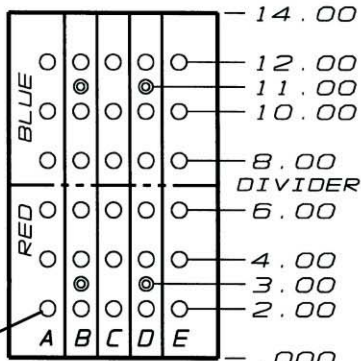
DM6系集水器 (DM6 Water Collector)



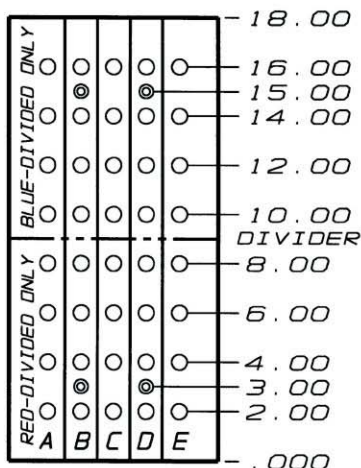
系列(Series)	編號(Item No)	面(Side)	孔數 (H)	T	顏色(Colour)
DM6	DM6-6	ABCDE	10 5-5	1/4 3/8 1/2	紅或藍 RED or BLUE 紅+藍 RED + BLUE



系列(Series)	編號(Item No)	面(Side)	孔數 (H)	T	顏色(Colour)
DM6	DM6-10	ABCDE	20 10-10	1/4 3/8 1/2	紅或藍 RED or BLUE 紅+藍 RED + BLUE



系列(Series)	編號(Item No)	面(Side)	孔數 (H)	T	顏色(Colour)
DM6	DM6-14	ABCDE	30 15-15	1/4 3/8 1/2	紅或藍 RED or BLUE 紅+藍 RED + BLUE



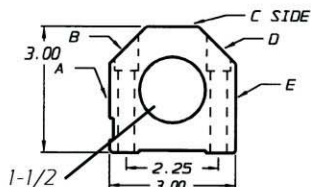
系列(Series)	編號(Item No)	面(Side)	孔數 (H)	T	顏色(Colour)
DM6	DM6-18	ABCDE	40 20-20	1/4 3/8 1/2	紅或藍 RED or BLUE 紅+藍 RED + BLUE

例:

DM6 - 18 - BD 16 - 3/8 NPT PT BSP - RED or BLUE
 ↓ ↓ ↓ ↓ ↓ ↓
 系列 長度 開孔面 孔數 螺紋 顏色
 Series Length Row on side Holes Thread Colour

DM6 - 18 - BD - 8 - 8 - 3/8 NPT PT BSP - RED + BLUE
 ↓ ↓ ↓ ↓ ↓ ↓
 系列 長度 開孔面 孔數 孔數 螺紋 顏色
 Series Length Row on side Holes Holes Thread Colour

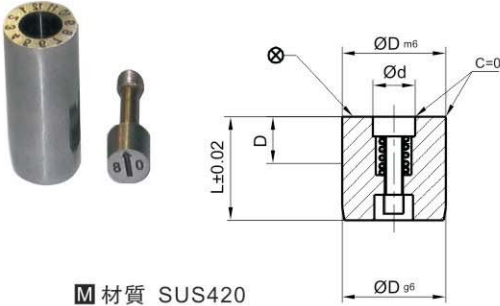
注: 盡量避免相鄰兩個面加工1/2的螺紋, 螺紋底端會交叉!



Mold Components

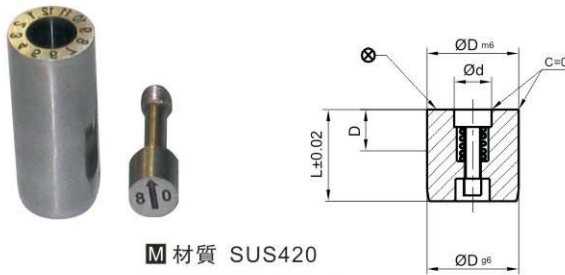
模具配件

C式模具章(C Type Date Marked Pin)



M 材質 SUS420
H 硬度 HRC46±2

D	L	φ d	(年)YEAR	(月)MONTH	(年&月)Y&M	(日)DAY	(日)0-3DAY
4	12	2.2	CA0412	CB0412	CC0412	CD0412	CE0412
5		3	CA0512	CB0512	CC0512	CD0512	CE0512
6	20	3.2	CA0620	CB0620	CC0620	CD0620	CE0620
8		4.7	CA0820	CB0820	CC0820	CD0820	CE0820
10		5.7	CA1020	CB1020	CC1020	CD1020	CE1020
12		6.7	CA1220	CB1220	CC1220	CD1220	CE1220
16		8.7	CA1620	CB1620	CC1620	CD1620	CE1620
20		10.7	CA2020	CB2020	CC2020	CD2020	CE2020



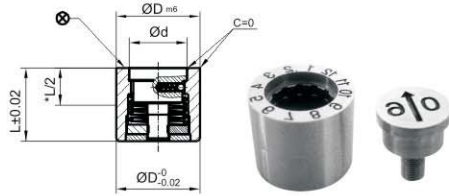
M 材質 SUS420
H 硬度 HRC46±2

D	L	φ d	(日)0-9DAY	(班)CLASS	A-L	(空白)BLANK
4	12	2.2	CF0412	CG0412	CH0412	CI0412
5		3	CF0512	CG0512	CH0512	CI0512
6	20	3.2	CF0620	CG0620	CH0620	CI0620
8		4.7	CF0820	CG0820	CH0820	CI0820
10		5.7	CF1020	CG1020	CH1020	CI1020
12		6.7	CF1220	CG1220	CH1220	CI1220
16		8.7	CF1620	CG1620	CH1620	CI1620
20		10.7	CF2020	CG2020	CH2020	CI2020

Mold Components

模具配件

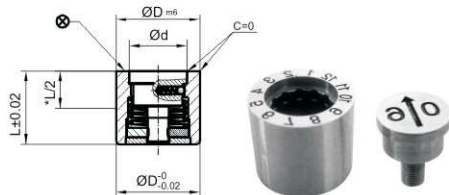
D式模具章(D Type Date Marked Pin)



M 材質 SUS420

H 硬度 HRC46±2

D	L	φ d	(年)YEAR	(月)MONTH	(年&月)Y&M	(日)DAY	(日)0-3DAY
4	8	2.4	DA0408	DB0408	DC0408		DE0408
5		2.9	DA0508	DB0508	DC0508		DE0508
6		3.7	DA0608	DB0608	DC0608		DE0608
8	10	5.0	DA0810	DB0810	DC0810	DD0810	DE0810
10	12	6.3	DA1012	DB1012	DC1012	DD1012	DE1012
12	14	7.5	DA1214	DB1214	DC1214	DD1214	DE1214
16		11.0	DA1614	DB1614	DC1614	DD1614	DE1614
20	16	13.2	DA2016	DB2016	DC2016	DD2016	DE2016



M 材質 SUS420

H 硬度 HRC46±2

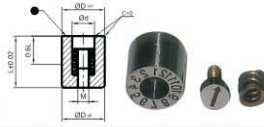
D	L	φ d	(日)0-9DAY	(班)CLASS	A-L	(空白)BLANK
4	8	2.4	DF0408	DG0408	DH0408	DI0408
5		2.9	DF0508	DG0508	DH0508	DI0508
6		3.7	DF0608	DG0608	DH0608	DI0608
8	10	5.0	DF0810	DG0810	DH0810	DI0810
10	12	6.3	DF1012	DG1012	DH1012	DI1012
12	14	7.5	DF1214	DG1214	DH1214	DI1214
16		11.0	DF1614	DG1614	DH1614	DI1614
20	16	13.2	DF2016	DG2016	DH2016	DI2016

Mold Components

模具配件

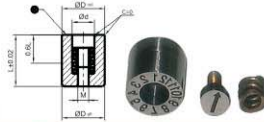
E式模具章(E Type Date Marked Pin)

M 材質 SUS420
H 硬度 HRC46±2



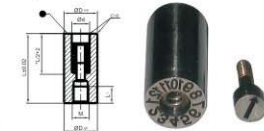
D	L	M	φd	(年)YEAR	(月)MONTH	(年&月)y&m	(日)DAY	(日)0-3DAY
2.6	4	M0.8*0.2	1.4	EA2604	EB2604	EC2604	ED2604	EE2604
3	4		1.5	EA0304	EB0304	EC0304	ED0304	EE0304
4	5	M1.1*0.2	2.1	EA0405	EB0405	EC0405	ED0405	EE0405
5	8		3.1	EA0508	EB0508	EC0508	ED0508	EE0508
6	8	M1.6*0.2	3.1	EA0608	EB0608	EC0608	ED0608	EE0608
8	10		4.4	EA0810	EB0810	EC0810	ED0810	EE0810
10	12	M2.5*0.35	5.2	EA1012	EB1012	EC1012	ED1012	EE1012
12	14	M3*0.35	6.2	EA1214	EB1214	EC1214	ED1214	EE1214
16	14	M4*0.35	8.2	EA1614	EB1614	EC1614	ED1614	EE1614
20	16		11.0	EA2016	EB2016	EC2016	ED2016	EE2016

M 材質 SUS420
H 硬度 HRC46±2



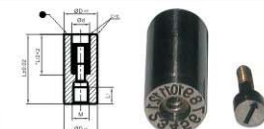
D	L	M	φd	(日)0-9DAY	(班)CLASS	A-L	(空白)BLANK
2.6	4	M0.8*0.2	1.4	EF2604	EG2604	EH2604	EI2604
3	4		1.5	EF0304	EG0304	EH0304	EI0304
4	5	M1.1*0.2	2.1	EF0405	EG0405	EH0405	EI0405
5	8		3.1	EF0508	EG0508	EH0508	EI0508
6	8	M1.6*0.2	3.1	EF0608	EG0608	EH0608	EI0608
8	10		4.4	EF0810	EG0810	EH0810	EI0810
10	12	M2.5*0.35	5.2	EF1012	EG1012	EH1012	EI1012
12	14	M3*0.35	6.2	EF1214	EG1214	EK1214	EI1214
16	14	M4*0.35	8.2	EF1614	EG1614	EK1614	EI1614
20	16		11.0	EF2016	EG2016	EK2016	EI2016

M 材質 SUS420
H 硬度 HRC46±2



D	L	M	φd	(年)YEAR	(月)MONTH	(年&月)y&m	(日)DAY	(日)0-3DAY
5	17	M3	3.1	EA0517	EB0517	EC0517	ED0517	EE0517
6	17		4	EA0617	EB0617	EC0617	ED0617	EE0617
8	20	M4	4	EA0820	EB0820	EC0820	ED0820	EE0820
10	20		6.4	EA1020	EB1020	EC1020	ED1020	EE1020
12	25	M6	6.4	EA1225	EB1225	EC1225	ED1225	EE1225
16	33		8.4	EA1633	EB1633	EC1633	ED1633	EE1633
20	33	M8	8.4	EA1633	EB1633	EC1633	ED1633	EE1633
			11	EA2033	EB2033	EC2033	ED2033	EE2033

M 材質 SUS420
H 硬度 HRC46±2

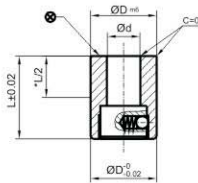


D	L	M	φd	(日)0-9DAY	(班)CLASS	A-L	(空白)BLANK
5	17	M3	3.1	EF0517	EG0517	EH0517	EI0517
6	17		4	EF0617	EG0617	EH0617	EI0617
8	20	M4	4	EF0820	EG0820	EH0820	EI0820
10	20		6.4	EF1020	EG1020	EH1020	EI1020
12	25	M6	6.4	EF1225	EG1225	EH1225	EI1225
16	33		8.4	EF1633	EG1633	EH1633	EI1633
20	33	M8	8.4	EF1633	EG1633	EH1633	EI1633
			11	EF2033	EG2033	EH2033	EI2033

Mold Components

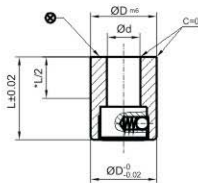
模具配件

J式模具章(J Type Date Marked Pin)



M 材質 SUS420
H 硬度 HRC46±2

D	L	φd	(年)YEAR	(月)MONTH	(年&月)Y&M	(日)DAY	(日)0-3DAY
4	8	1.9	JA0408	JB0408	JC0408	/	JE0408
5	8	2.3	JA0508	JB0508	JC0508	/	JE0508
6	8	2.8	JA0608	JB0608	JC0608	/	JE0608
8	10	4.0	JA0810	JB0810	JC0810	JD0810	JE0810
10	12	5.0	JA1012	JB1012	JC1012	JD1012	JE1012
12	14	6.5	JA1214	JB1214	JC1214	JD1214	JE1214
16	14	10.0	JA1614	JB1614	JC1614	JD1614	JE1614
20	16	12.0	JA2016	JB2016	JC2016	JD2016	JE2016



M 材質 SUS420
H 硬度 HRC46±2

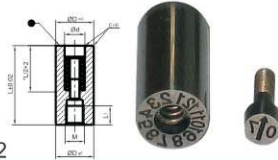
D	L	φd	(日)0-9DAY	(班)CLASS	A-L	(空白)BLANK
4	8	1.9	JF0408	JG0408	JH0408	JI0408
5	8	2.3	JF0508	JG0508	JH0508	JI0508
6	8	2.8	JF0608	JG0608	JH0608	JI0608
8	10	4.0	JF0810	JG0810	JH0810	JI0810
10	12	5.0	JF1012	JG1012	JH1012	JI1012
12	14	6.5	JF1214	JG1214	JH1214	JI1214
16	14	10.0	JF1614	JG1614	JH1614	JI1614
20	16	12.0	JF2016	JG2016	JH2016	JI2016

Mold Components

模具配件

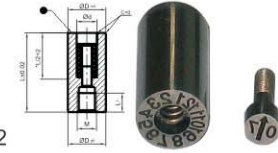
H式模具章(H Type Date Marked Pin)

M 材質 SUS420
H 硬度 HRC46±2



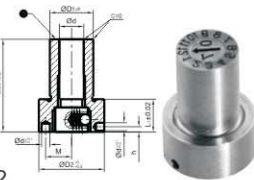
D	L	M	φd	(年)YEAR	(月)MONTH	(年&月)y&m	(日)DAY	(日)0-3DAY
4	12.5	M2	2.0	HA04125	HB04125	HC04125	HD04125	HE04125
5	14	M2.5	2.5	HA0514	HB0514	HC0514	HD0514	HE0514
6	16	M3	3.0	HA0616	HB0616	HC0616	HD0616	HE0616
8	18		4.0	HA0818	HB0818	HC0818	HD0818	HE0818
10	22		5.0	HA1022	HB1022	HC1022	HD1022	HE1022
12	25	M4	6.4	HA1225	HB1225	HC1225	HD1225	HE1225

M 材質 SUS420
H 硬度 HRC46±2



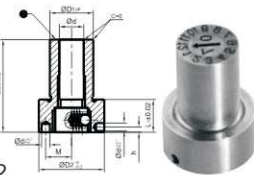
D	L	M	φd	(日)0-9DAY	(班)GLASS	A-L	空白BLANK
4	12.5	M2	2.0	HF04125	HG04125	HH04125	HI04125
5	14	M2.5	2.5	HF0514	HG0514	HH0514	HI0514
6	16	M3	3.0	HF0616	HG0616	HH0616	HI0616
8	18		4.0	HF0818	HG0818	HH0818	HI0818
10	22		5.0	HF1022	HG1022	HH1022	HI1022
12	25	M4	6.4	HF1225	HG1225	HH1225	HI1225

M 材質 SUS420
H 硬度 HRC46±2



D	L	M	φd	(年)YEAR	(月)MONTH	(年&月)y&m	(日)DAY	(日)0-3DAY
6	14	3.95	3.5	HA0614	HB0614	HC0614	HD0614	HE0614
8	17	4.75	4.5	HA0817	HB0817	HC0817	HD0817	HE0817
12	22	8	6.5	HA1222	HB1222	HC1222	HD1222	HE1222
16	27	9.25	9.0	HA1627	HB1627	HC1627	HD1627	HE1627
20	36	11.5	10.5	HA2036	HB2036	HC2036	HD2036	HE2036

M 材質 SUS420
H 硬度 HRC46±2

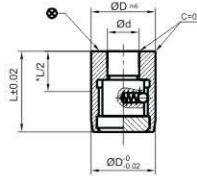


D	L	M	φd	(日)0-9DAY	(班)GLASS	A-L	空白BLANK
6	14	3.95	3.5	HF0614	HG0614	HH0614	HI0614
8	17	4.75	4.5	HF0817	HG0817	HH0817	HI0817
12	22	8	6.5	HF1222	HG1222	HH1222	HI1222
16	27	9.25	9.0	HF1627	HG1627	HH1627	HI1627
20	36	11.5	10.5	HF2036	HG2036	HH2036	HI2036

Mold Components

模具配件

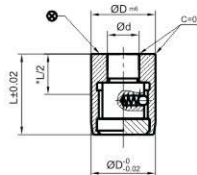
T式模具章(T Type Date Marked Pin)



M 材質 SUS420
H 硬度 HRC46±2



D	L	φd	(年)YEAR	(月)MONTH	(年&月)y&m	(日)DAY	(日)0-3DAY
3	6	1.5	TA0306	TB0306	TC0306	////	TE0306
3	8	1.5	TA0308	TB0308	TC0308	////	TE0308
4	6	2.0	TA0406	TB0406	TC0406	////	TE0406
4	8	2.0	TA0408	TB0408	TC0408	////	TE0408
4	10	2.0	TA0410	TB0410	TC0410	////	TE0410
5	6	2.5	TA0506	TB0506	TC0506	TD0506	TE0506
5	8	2.5	TA0508	TB0508	TC0508	TD0508	TE0508
5	10	2.5	TA0510	TB0510	TC0510	TD0510	TE0510
6	8	2.9	TA0608	TB0608	TC0608	TD0608	TE0608
6	10	2.9	TA0610	TB0610	TC0610	TD0610	TE0610
8	10	3.9	TA0810	TB0810	TC0810	TD0810	TE0810
10	10	4.9	TA1010	TB1010	TC1010	TD1010	TE1010
10	12	4.9	TA1012	TB1012	TC1012	TD1012	TE1012
12	12	5.5	TA1212	TB1212	TC1212	TD1212	TE1212
12	14	5.5	TA1214	TB1214	TC1214	TD1214	TE1214
16	14	7.4	TA1614	TB1614	TC1614	TD1614	TE1614
20	14	8.7	TA2014	TB2014	TC2014	TD2014	TE2014
20	16	8.7	TA2016	TB2016	TC2016	TD2016	TE2016



M 材質 SUS420
H 硬度 HRC46±2



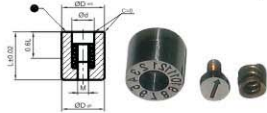
D	L	φd	(日)0-9DAY	(班)CLASS	A-L	(空白)BLANK
3	6	1.5	TF0306	TG0306	TH0306	TI0306
3	8	1.5	TF0308	TG0308	TH0308	TI0308
4	6	2.0	TF0406	TG0406	TH0406	TI0406
4	8	2.0	TF0408	TG0408	TH0408	TI0408
4	10	2.0	TF0410	TG0410	TH0410	TI0410
5	6	2.5	TF0506	TG0506	TH0506	TI0506
5	8	2.5	TF0508	TG0508	TH0508	TI0508
5	10	2.5	TF0510	TG0510	TH0510	TI0510
6	8	2.9	TF0608	TG0608	TH0608	TI0608
6	10	2.9	TF0610	TG0610	TH0610	TI0610
8	10	3.9	TF0810	TG0810	TH0810	TI0810
10	10	4.9	TF1010	TG1010	TH1010	TI1010
10	12	4.9	TF1012	TG1012	TH1012	TI1012
12	12	5.5	TF1212	TG1212	TH1212	TI1212
12	14	5.5	TF1214	TG1214	TH1214	TI1214
16	14	7.4	TF1614	TG1614	TH1614	TI1614
20	14	8.7	TF2014	TG2014	TH2014	TI2014
20	16	8.7	TF2016	TG2016	TH2016	TI2016

Mold Components

模具配件

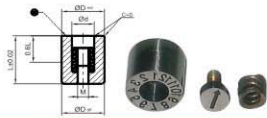
O式模具章(O Type Date Marked Pin)

M 材質 SUS420
H 硬度 HRC46±2



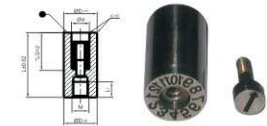
D	L	d	(年)YEAR	(月)MONTH	(年&月)y&m	(日)DAY	(日)0-3DAY
2.6	4	1.4	OA2.604	OB2.604	OC2.604	OD2.604	OE2.604
2.8			OA2.804	OB2.804	OC2.804	OD2.804	OE2.804
3			OA304	OB304	OC304	OD304	OE304
3.5	5	1.8	OA3.505	OB3.505	OC3.505	OD3.505	OE3.505
4			OA405	OB405	OC405	OD405	OE405
5	8	2.1	OA508	OB508	OC508	OD508	OE508
6			OA608	OB608	OC608	OD608	OE608
8			OA810	OB810	OC810	OD810	OE810
10	12	5.2	OA1012	OB1012	OC1012	OD1012	OE1012
12	14	6.2	OA1214	OB1214	OC1214	OD1214	OE1214
16			OA1614	OB1614	OC1614	OD1614	OE1614

M 材質 SUS420
H 硬度 HRC46±2



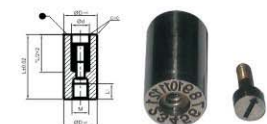
D	L	d	(日)0-9DAY	(班)CLASS	A-L	(空白)BLANK
2.6	4	1.4	OF2.604	OG2.604	OH2.604	OI2.604
2.8			OF2.804	OG2.804	OH2.804	OI2.804
3			OF304	OG304	OH304	OI2304
3.5	5	1.5	OF3.505	OG3.505	OH3.505	OI3.505
4			OF405	OG405	OH405	OI405
5	8	3.1	OF508	OG508	OH508	OI508
6			OF608	OG608	OH608	OI608
8			OF810	OG810	OH810	OI810
10	12	5.2	OF1012	OG1012	OH1012	OI1012
12	14	6.2	OF1214	OG1214	OH1214	OI1214
16			OF1614	OG1614	OH1614	OI1614

M 材質 SUS420
H 硬度 HRC46±2



D	L	d	(年)YEAR	(月)MONTH	(年&月)y&m	(日)DAY	(日)0-3DAY
3	14	1.6	OA0314	OB0314	OC0314	OD0314	OE0314
4		2.5	OA0414	OB0414	OC0414	OD0414	OE0414
5	17	3.1	OA0517	OB0517	OC0517	OD0517	OE0517
6			OA0617	OB0617	OC0617	OD0617	OE0617
8	20	4.6	OA0820	OB0820	OC0820	OD0820	OE0820
10			OA1020	OB1020	OC1020	OD1020	OE1020
12			OA1225	OB1225	OC1225	OD1225	OE1225
16	33	8.4	OA1633	OB1633	OC1633	OD1633	OE1633

M 材質 SUS420
H 硬度 HRC46±2

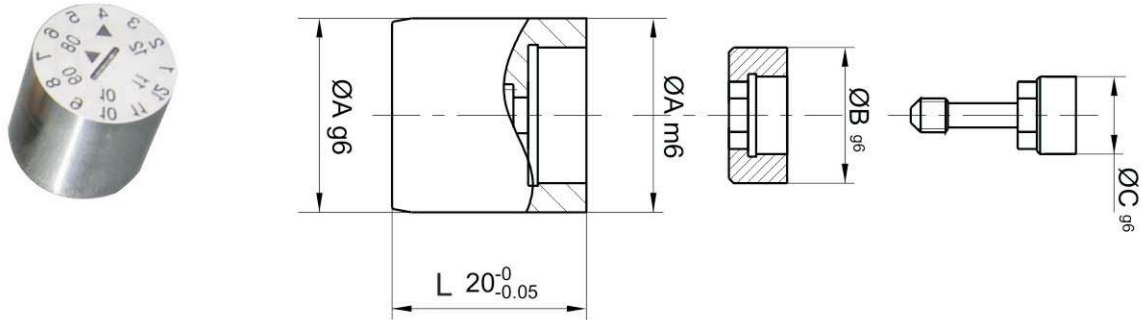


D	L	d	(日)0-9DAY	(班)CLASS	A-L	(空白)BLANK
3	14	1.6	OF0314	OG0314	OH0314	OI0314
4		2.5	OF0414	OG0414	OH0414	OI0414
5	17	3.1	OF0517	OG0517	OH0517	OI0517
6			OF0617	OG0617	OH0617	OI0617
8	20	4.6	OF0820	OG0820	OH0820	OI0820
10			OF1020	OG1020	OH1020	OI1020
12			OF1225	OG1225	OH1225	OI1225
16	33	8.4	OF1633	OG1633	OH1633	OI1633

Mold Components

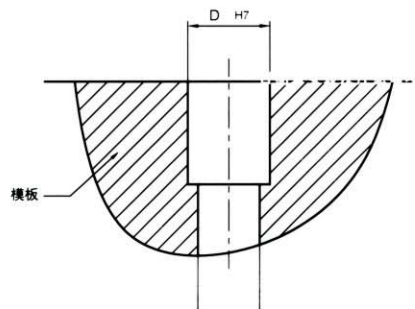
模具配件

Z式模具章(Z Type Date Marked Pin)



編號 (Item No)	Ø A _{m6}		Ø A _{g6}		Ø B	Ø C	L
Z0820	Ø 8	+0.015	Ø 8	-0.005	5.8	3.6	20
Z1020	Ø 10	+0.006	Ø 10	-0.014	7.0	4.0	
Z1220	Ø 12	+0.018	Ø 12	-0.006	8.5	5.0	
Z1620	Ø 16	+0.007	Ø 16	-0.017	11.5	7.0	
Z2020	Ø 20	+0.021 +0.008	Ø 20	-0.007 -0.020	14.0	8.0	

Dm6零件安装通止规(Go-No Go Gauge For Dm6)



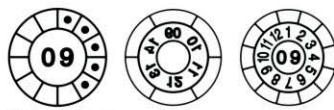
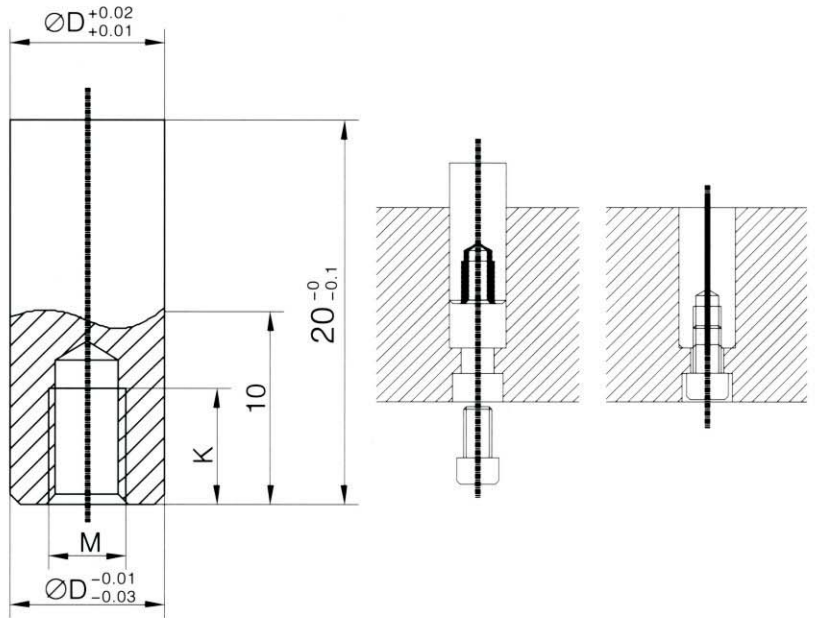
编号 (Item No)	DM6-3	DM6-4	DM6-5	DM6-6	DM6-8	DM6-10	DM6-12	DM6-16	DM6-20
Ø DH7	3	4	5	6	8	10	12	16	20
公差 (Tolerance)	+0.010 +0	+0.012 +0			+0.015 +0		+0.018 +0		+0.021 +0



Mold Components

模具配件

A型压铸模日期章(A Type Date Marked For Die-Casting)



实例：2009年5月 年份章 年月章

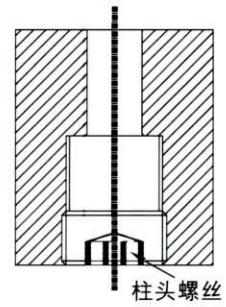
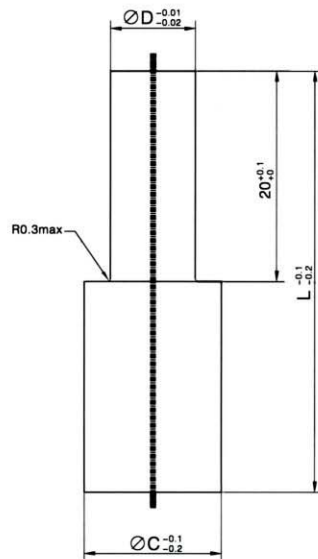
材质：SKD61
硬度：47-52HRC

编号(Item No)	$\varnothing D_{-0.06}^{-0.03}$	K	M
ATDC-8	$\varnothing 8$	6	M3
ATDC-10	$\varnothing 10$	7.5	M4
ATDC-12	$\varnothing 12$	9	M6

Mold Components

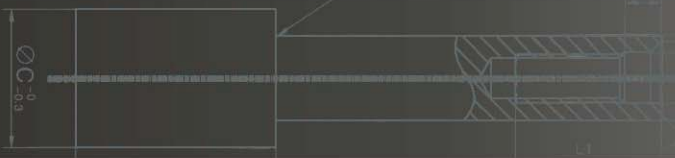
模具配件

B型压铸模日期章(B Type Date Marked For Die-Casting)



材质: SKD61
硬度: 47-52HRC

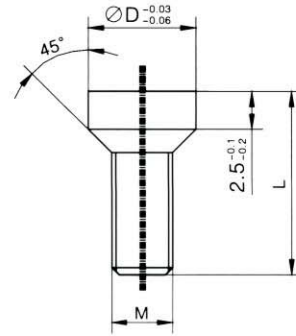
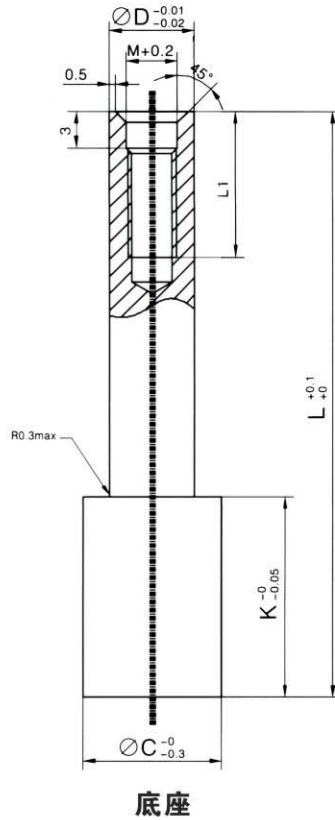
编号(Item No)	$\varnothing D_{-0.01/-0.02}$	$\varnothing C_{-0.1/-0.2}$	L
BTDC-8	$\varnothing 8$	13	30-100
BTDC-10	$\varnothing 10$	15	
BTDC-12	$\varnothing 12$	17	



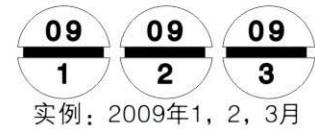
Mold Components

模具配件

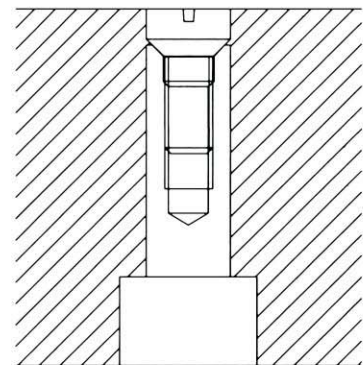
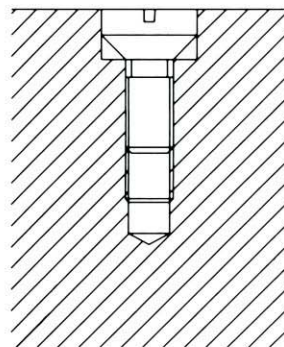
C型压铸模日期章(C Type Date Marked For Die-Casting)



型号	$\varnothing D_{-0.03}^{-0.06}$	M	L1
M3	$\varnothing 6$	M3	10
M4	$\varnothing 7$	M4	12
M5	$\varnothing 8$	M5	15
M6	$\varnothing 10$	M6	18
M8	$\varnothing 12$	M8	20



实例：2009年1, 2, 3月



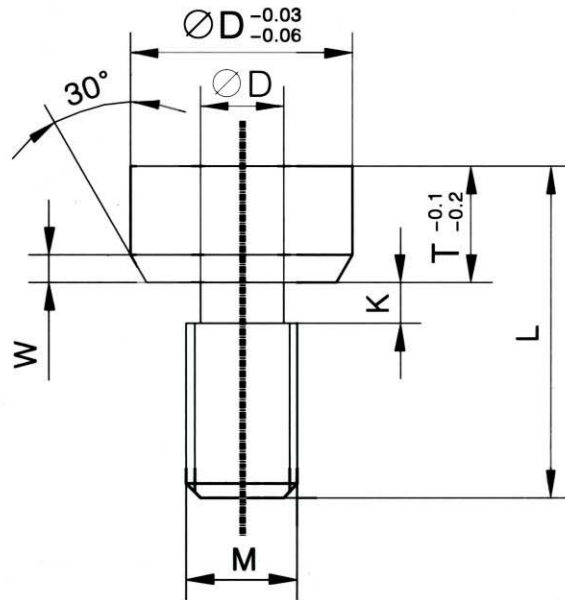
材质：SKD61
硬度：47-52HRC

编号(Item No)	$\varnothing D_{-0.01}^{-0.02}$	M	$\varnothing C_{-0.3}^0$	L1	$K_{-0.05}^0$	$L_{+0.1}^0$
CTDC-3	$\varnothing 6$	M3	$\varnothing 10$	10	L/2-5	30-150
CTDC-4	$\varnothing 7$	M4	$\varnothing 12$	12		
CTDC-5	$\varnothing 8$	M5	$\varnothing 13$	15		
CTDC-6	$\varnothing 10$	M6	$\varnothing 15$	18		
CTDC-8	$\varnothing 12$	M8	$\varnothing 18$	20		

Mold Components

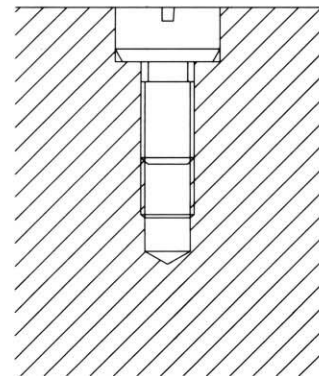
模具配件

螺丝型压铸模日期章 (Screw Type Date Marked For Die-Casting)



09 **09** **09**
1 **2** **3**

实例：2009年1, 2, 3月



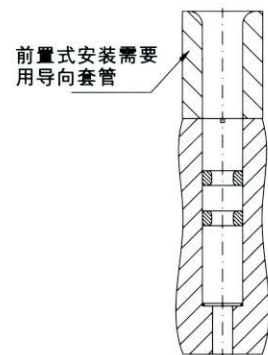
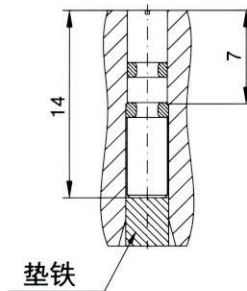
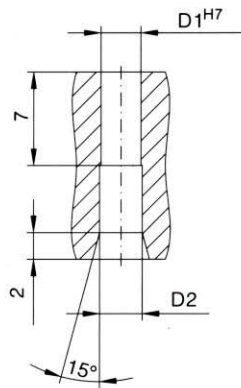
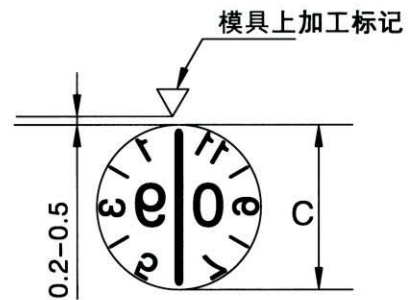
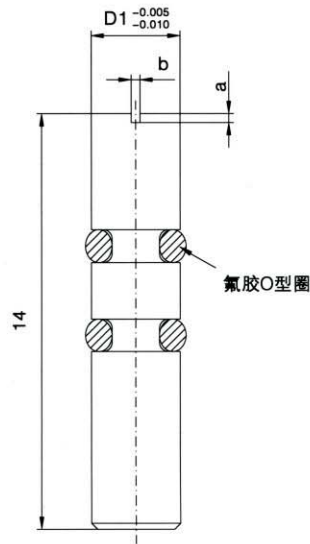
编号(Item No)	$\varnothing D_{-0.03}^{-0.06}$	$\varnothing C$	K	W	$T_{-0.1}^{-0.2}$	M	L
STDC-3	$\varnothing 6$	$\varnothing 2.4$	1.0	1.0	3.2	M3	10
STDC-4	$\varnothing 8$	$\varnothing 3$	1.5	1.0	4.2	M4	12
STDC-5	$\varnothing 10$	$\varnothing 4$	2	1.0	4.2	M5	12
STDC-6	$\varnothing 12$	$\varnothing 5$	2	1.2	5.2	M6	15
STDC-8	$\varnothing 16$	$\varnothing 6.5$	2.5	1.5	6.5	M8	20

Mold Components

模具配件

微型日期章 (Miniature Date Marked Pin)

材質: UT40
 硬度: HRC38-40



安裝孔加工示意圖

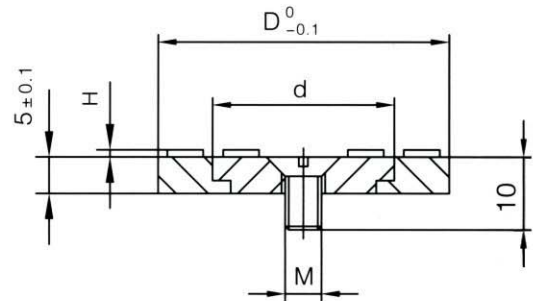
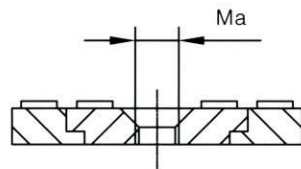
材質: SUS420
 硬度: 47-52HRC

編號(Item No)	D1	D2	a	b	c
MTD-20	2	2.1	0.3	0.1	1.8
MTD-25	2.5	2.6	0.3	0.1	2.3
MTD-30	3	3.2	0.3	0.15	2.8
MTD-40	4	4.2	0.3	0.15	3.8

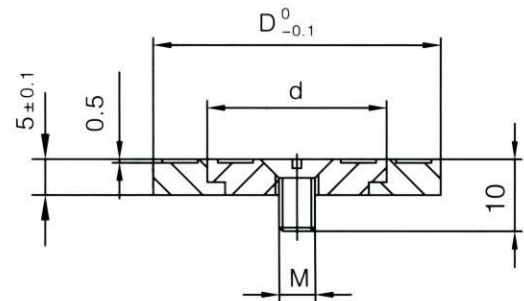
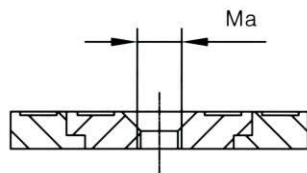
Mold Components

模具配件

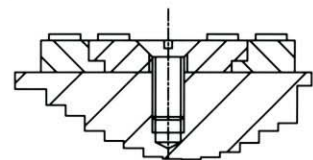
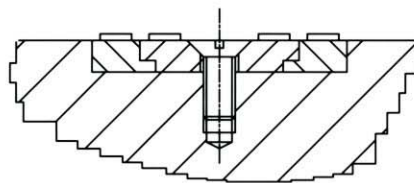
大型模具日期章 (Big-mold-use Date Marked Pin)



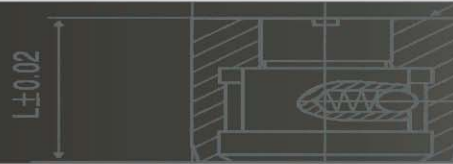
凸字型



凹字型



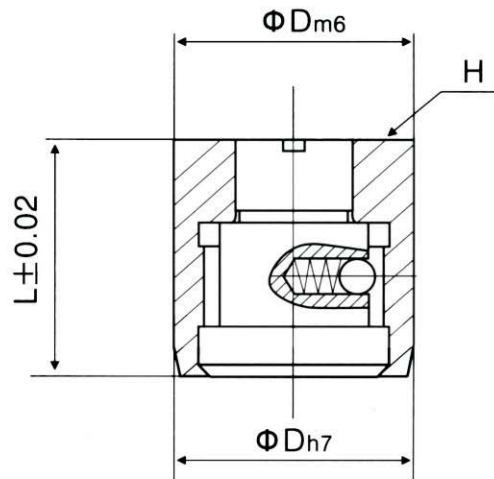
编号(Item No)	D	d	M	Ma	H
LTD-15	15	10	3	4	0.5
LTD-20	20	13	3	4	1
LTD-30	30	19	4	5	1
LTD-40	40	25	5	6	1



Mold Components

模具配件

鍍銅日期章 (BeCu type Date Marked Pin)



材質: UT40
硬度: HRC38-40

编号(Item No)	D	Dm6	Dh7	L	文字深度(Digitagdepth)	箭頭深度(Head depth)	H
BCTD-04	4	4	0 +0.02	8、10	0.14	0.25	0.7
BCTD-05	5	5		8、10			0.7
BCTD-06	6	6		8、10	0.18	0.3	1.3
BCTD-08	8	8		10			1.7
BCTD-10	10	10		10、12	0.2	0.4	2.1
BCTD-12	12	12		12、14			2.6
BCTD-16	16	16		14			3.2
BCTD-20	20	20		14、16			4.3

取出

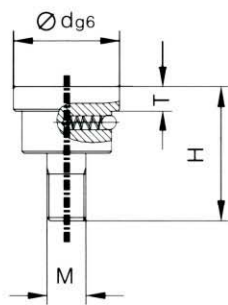
規格	4	5	6	8	10	12	16	20
取出孔徑	≤1.5	≤2	≤3	≤4	≤4.5	≤6	≤10	≤12

可按要求定制各種結構圖案和文字!
Customized for different pattern and word.

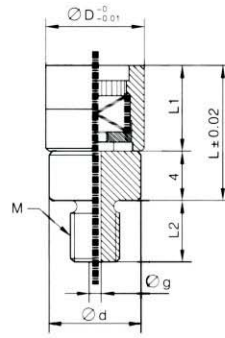
Mold Components

模具配件

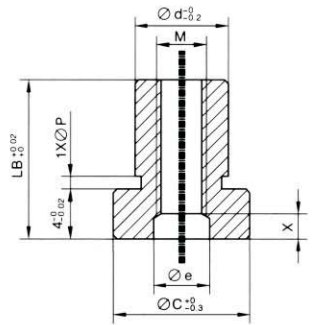
可調整型日期章(Adjustable type Date Marked Pin)



內芯
Core



殼體與連接件
Body & mating part



底座
Base

內芯 Core

型號Type	$\varnothing d$	T	M	H
$\varnothing 6$	3.7	1.5	M1.6X0.2	7.7
$\varnothing 8$	5.0	2.0	M2.3X0.25	9.7
$\varnothing 10$	6.3	2.5	M2.5X35	11.7
$\varnothing 12$	7.5	2.5	M3X0.35	13.7

殼體與連接件 Body & mating part

型號Type	$\varnothing D_{-0.01}^0$	$\varnothing d$	$\varnothing g$	M	L1	L2	L
$\varnothing 6$	$\varnothing 6$	$\varnothing 5.5$	1.0	M3	8.0	4.0	12.0
$\varnothing 8$	$\varnothing 8$	$\varnothing 7.5$	1.0	M4	10.0	5.0	14.0
$\varnothing 10$	$\varnothing 10$	$\varnothing 9.5$	1.5	M5	12.0	6.0	16.0
$\varnothing 12$	$\varnothing 12$	$\varnothing 11.5$	2.0	M6	14.0	8.0	20.0

材質:SUS420
硬度:47-52HRC

LB	X			
	$\varnothing 6$	$\varnothing 8$	$\varnothing 10$	$\varnothing 12$
10.00~20.00	4.0	2.0	0	0
20.01~30.00	14.0	12.0	10	8
30.01~40.00	24.0	22.0	20	18
40.01~50.00	34.0	32.0	30	28
50.01~60.00	-	42.0	40	38
60.01~70.00	-	-	50	48

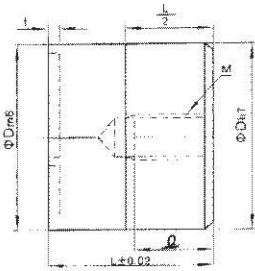
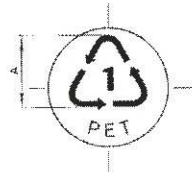
底座Base

型號Type	$\varnothing d$	M	$\varnothing e$	$\varnothing C$	$\varnothing P$
$\varnothing 6$	$\varnothing 5.5$	M3	3.5	9.0	5.0
$\varnothing 8$	$\varnothing 7.5$	M4	4.5	11.0	7.0
$\varnothing 10$	$\varnothing 9.5$	M5	5.5	15.0	9.0
$\varnothing 12$	$\varnothing 11.5$	M6	6.5	20.0	11.0

Mold Components

模具配件

环保章Environmental Protection Marked Pin)



材質 SUS420

硬度 HRC46±2

帶螺紋孔規格

Standard With Threaded Hole

D	8	10	12	16	20
L	10	12	14	14	16
M	M4	M5	M5	M6	M6
A	5	6	7	10	12
T	0.2	0.3	0.3	0.3	0.3
I	5	7	7	7	8

普通規格Common Standard

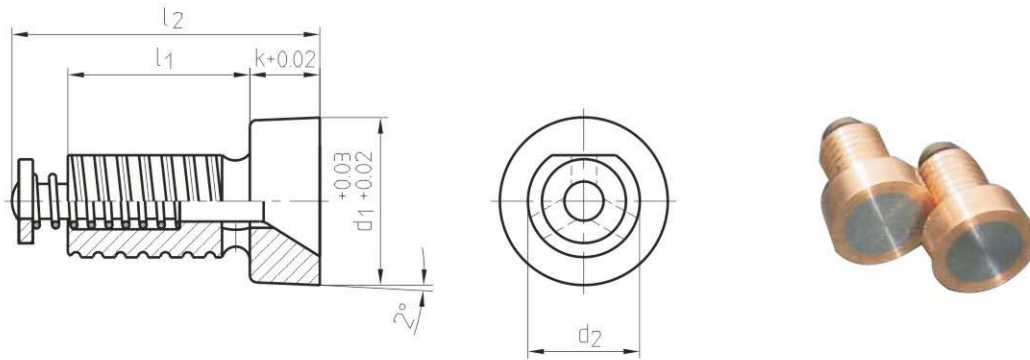
D	4	5	6	8	10	12	16	20
L	8	8	10	10	10	12	14	14
A	2	3	4	5	6	7	10	12
T	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
I	2	2	3	5	7	7	7	8

适用树脂 Resin Appeied	美国SPI规格 US SPI Standard	以美国SIP规格为准 德国.法国规格	Based upon US SPI Standard German French Standards
TYPE	MA1		MB1
聚对苯二甲酸乙二醇酯			
TYPE	MA2		MB2
高密度聚乙烯			
TYPE	MA3	MB3A(德国)German	MB3B(法国)French
聚氯乙烯			
TYPE	MA4	MB4(与美国SPI相同) Same with us SPI	
低密度聚乙烯			
TYPE	MA5	MB5(与美国SPI相同) Same with us SPI	
聚丙烯			
TYPE	MA6		MB6
聚苯乙烯			
TYPE	MA7		MB7
其他树脂			

Mold Components

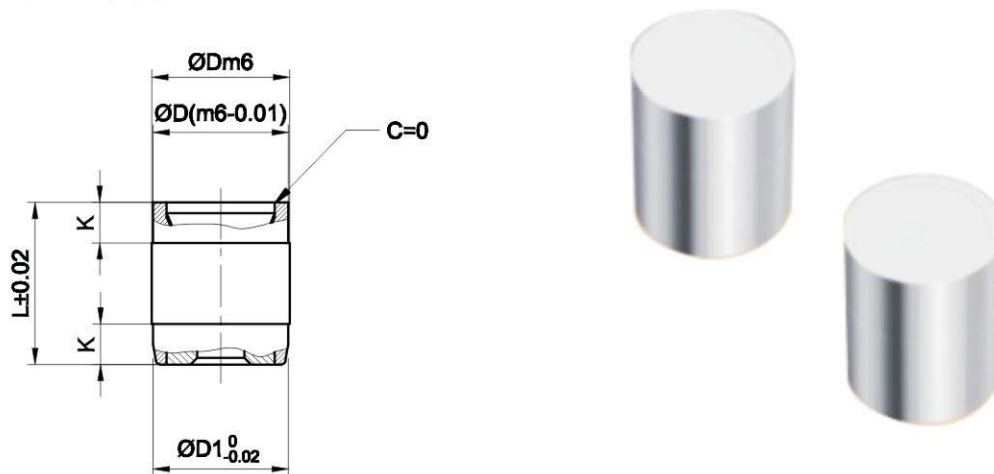
模具配件

H式氣頂(Air Valve)



編號(Item No.)	max. °C	l ₁	l ₂	k	d ₁	d ₂
SZ491/ 8/ 6	250	8	16	5	8	6
SZ491/12/ 8		13	21	5	12	8
SZ491/16/10		12	22	6	16	10

氣動頂針 (空氣梢) Air-Jet Valve



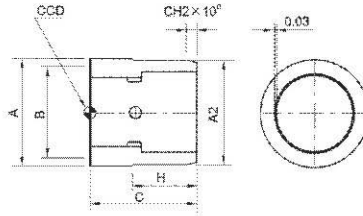
型號Type	ΦDm6		ΦD(m6-0.01)		ΦD1	L	k
GVC	5	+0.012 +0.004	5	+0.002 +0.006	5	12	3
	6		6		6		
	8	+0.015 +0.006	8	+0.005 +0.004	8		
	10		10		10		
	12	+0.018 +0.007	12	+0.008 +0.003	12	20	5
	16		16		16		
	20	+0.021 +0.008	20	+0.011 +0.002	20		

Mold Components

模具配件

氣動頂針(空氣梢)Air-Jet Valve

雙重閥:幫助模具內排氣,降低射出件之不良率,特別是模個內肋(RIB)之部分。
Double valve:effective method to vent the gas/air to minimize the defects, especially for the part with RIB.

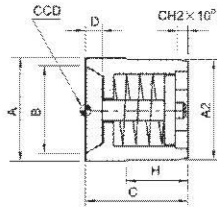


GVD



材質 SUS416
硬度HRC50° -55°

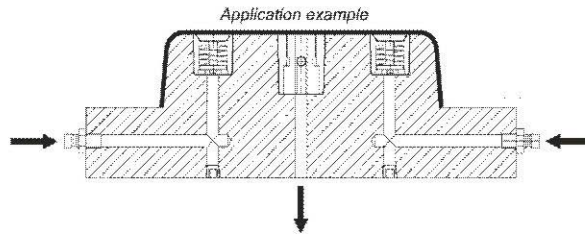
氣壓範圍1.5-6BARS
空氣頂出(風梢):不銹鋼製品,用于輕薄短小的射出件,尺寸精準,作用順暢,持久耐用。
Air pressure:1.5-6 bars
Air-Jet Valve: Made of stainless steel, suitable for the injection of thin and small parts, precise dimensions, smooth function and long endurance.



GVJ



材質 SUS416
硬度HRC50° -55°



公制:mm

Type	A m6	A2 e8	B	C d9	E	H +1
GVD	8	8	5.2	12	6	7
	10	10	6.5	12	8	7
	12	12	8	10	10	7
	16	16	10	12	12	12

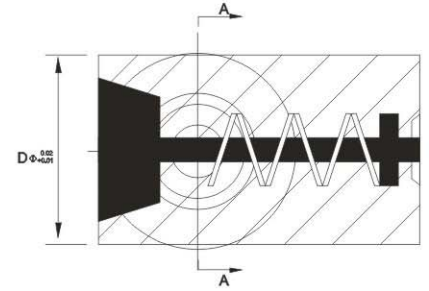
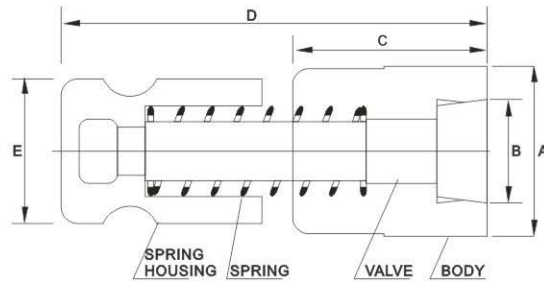
公制:mm

Type	A m6	A2 e8	B	C d9	D	E	H +1
GVJ	6	6	5.2	12	1.5	4	7
	8	8	6.5	12	2	8	7
	10	10	8	12	2.5	10	7
	12	12	10	12	3	12	7
	16	16	13	20	3.5	16	12

Mold Components

模具配件

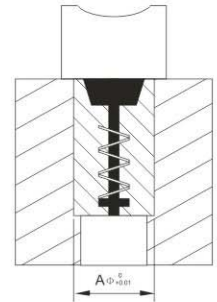
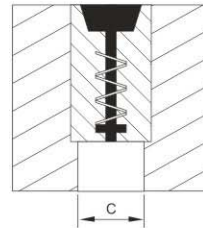
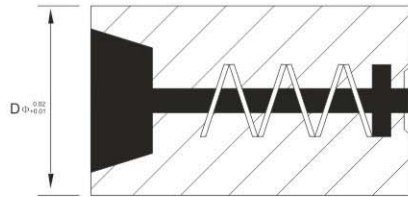
空氣梢(Air Poppet Valve)



材質 不銹鋼(Stainless Steel)

編號(Item No.)	A	B	C	D	E
TVA-08	8	6.6	11	24	6
TVA-10	10	8.0	11	24	6
TVA-12	12	9.7	18	34	8
TVA-16	16	13.0	20	38	8
TVA-18	18	14.8	22	46	12
TVA-20	20	16.0	26	50	12
TVA-25	25	20.0	26	50	12

氣動頂針(Air-Jet Valve)



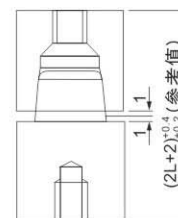
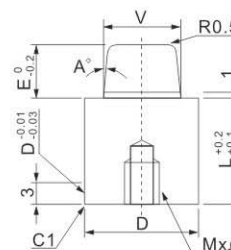
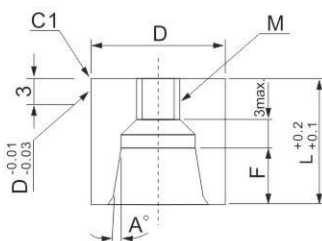
材質 白鐵材質(SUS416)

編號(Item No.)	$D \phi_{+0.02}^{0.02}$	L	$A \phi_{+0.01}^0$	C ϕ
TVB-06	6	12	6	4.2
TVB-08	8	15	8	4.5
TVB-10	10	20	10	7
TVB-12	12	25	12	7.7
TVB-16	16	30	16	10.3
TVB-18	18	35	18	12.0
TVB-20	20	35	20	12.9
TVB-25	25	45	25	14.9
TVB-30	30	45	30	18

Mold Components

模具配件

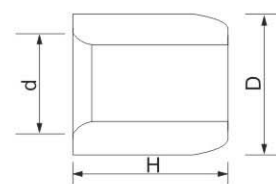
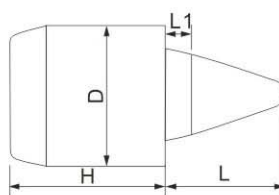
圓柱型導位輔助器(Taper Pin Set)



M 材質 SUJ2

H 硬度 55~60HRC

編號(Item No.)		A°	D _{-0.01} ^{-0.03}	L	V	E	F	Mxℓ
Type	D							
LTP-13	13	5	13	14	7	6	5	M4x10
LTP-16	16		16	14	10	6	5	M5x10
LTP-20	20		20	19	13	9	8	M6x12
LTP-25	25		25	24	16	12	11	M8x16
LTP-30	30		30	29	20	15	14	M10x20
LTP-32	32		32	29	20	15	14	M10x20
LTP-35	35		35	34	24	18	17	M12x24
LTP-42	42		40	39	30	24	23	M12x24



M 材質 SCM-415

H 硬度 HRC60±2

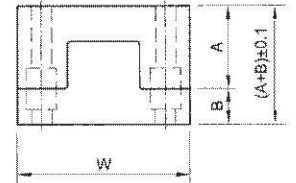
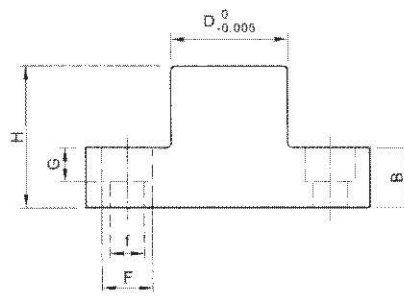
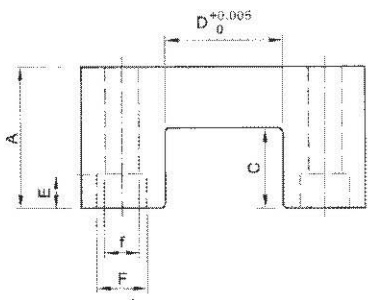
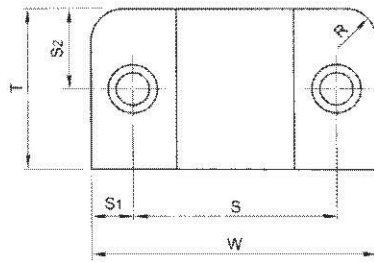
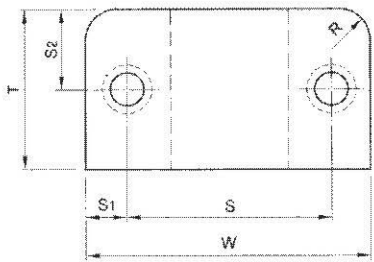
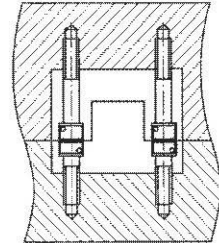
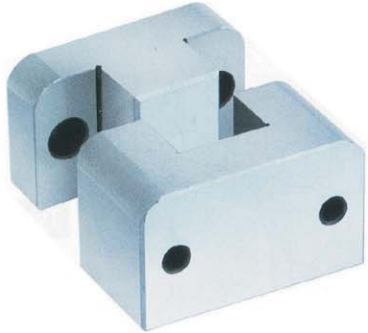
編號(Item No.)	D±0.01	d	H	L	L1	組合間隙 (Assembly gap)
YT-2005	20.05	12.5	18	15	4.5	1m/m
YT-2010	20.10	12.5	18	15	4.5	1m/m
YT-2015	20.15	12.5	18	15	4.5	1m/m
YT-2055	20.55	12.5	18	15	4.5	1m/m
YT-2105	21.05	12.5	18	15	4.5	1m/m
YT-2205	22.05	12.5	18	15	4.5	1m/m

Mold Components

模具配件

導位固定塊(Locking Block Set GLK Type)

使用例



- ① **M** 材質 YK30
H 硬度 56~60HRC
- ② **M** 材質 SKD11
H 硬度 58~62HRC

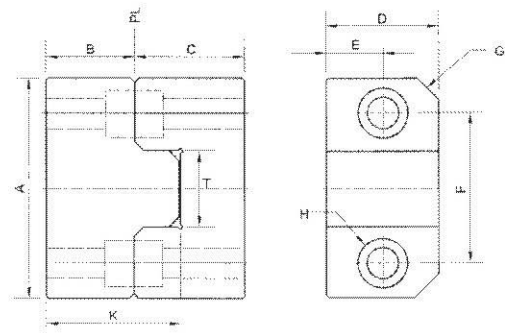
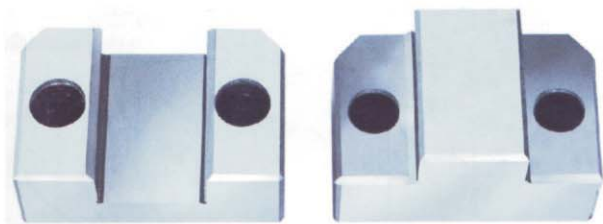
編號(Item No.)	$W^{+0}_{-0.01}$	$T \pm 0.25$	$A \pm 0.05$	$B \pm 0.05$	C	D	E	組立螺絲 Assembling Screws
GLK15	38.1	25.4	22.17	9.47	13.13	12.7	7	M5
GLK25	63.5	38.1	34.87	15.82	19.48	25.4	8	M6
GLK35	88.9	50.8	44.4	19.0	25.70	36.58	11	M8

F	f	G	$H \pm 0.25$	$R \pm 0.25$	$S \pm 0.25$	$S1 \pm 0.25$	$S2 \pm 0.25$
10.5	6	7	22.1	7.0	25.4	6.35	12.7
12.0	7.2	8	34.8	8.5	44.45	9.53	19.05
15.5	10.5	11	44.2	9.5	63.5	12.7	25.4

Mold Components

模具配件

導位固定塊(Locking Block Set GLM Type)



特性說明:

- 1.有效解決側裝式0° 導位固定塊槽加工困難的問題。尤其是對大型模胚更具方便性。
- 2.用於塑件呂質，尺寸精度要求特高的塑膠模具。

Feature:

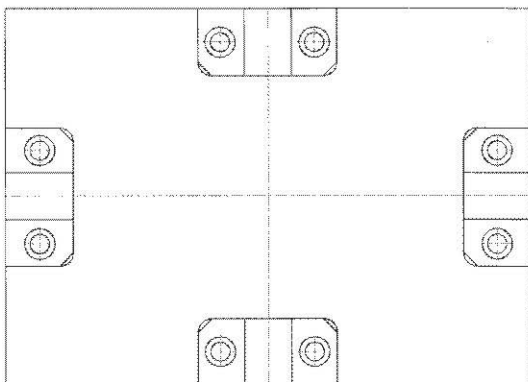
- 1.Easy for 0° assembly, especially for big size mold.
- 2.Suitable for the mold requires higher dimensional precision.

① M 材質 YK30

② M 材質 SKD11

H 硬度 56~60HRC

H 硬度 58~62HRC



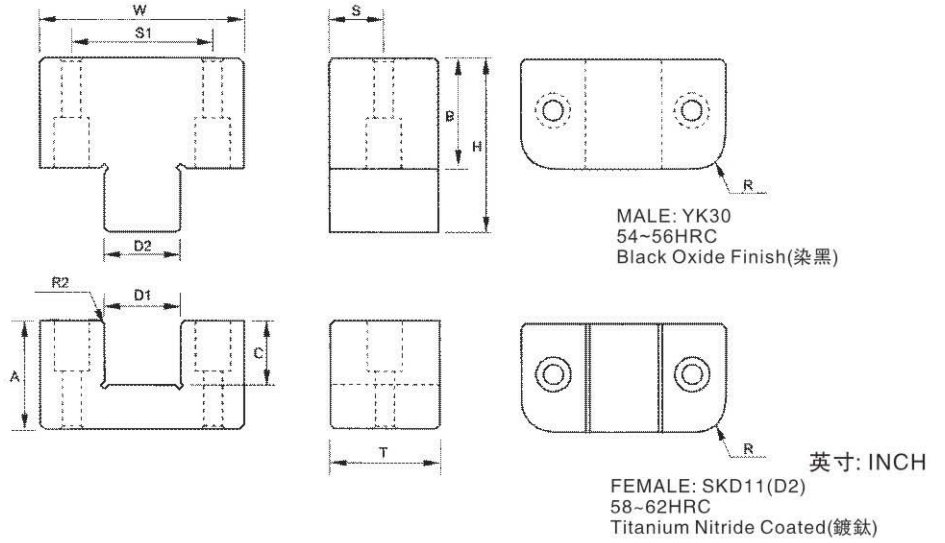
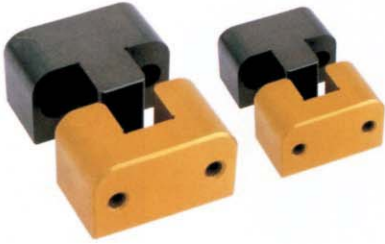
標準件與模板組立圖

編號(Item No.)	A	B	C	D	E	F	G	H	K	T
GLM50	50	20	25	25	12.5	34	C5	M6	30	17
GLM75	75	25	30	50	25	52	C8	M8	40	30

Mold Components

模具配件

導位固定塊(Side Lock GTL Type)



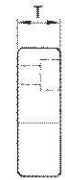
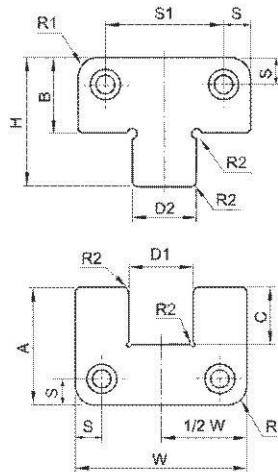
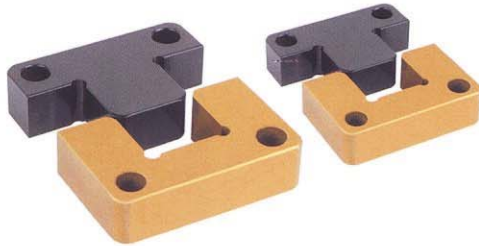
編號(Item No.)	W 0 -0.005	T ±.001	A ±.001	B ±.001	C	OVERALL HEIGHT	D1 ±.0003 0	D2 0 ±.0003	H	R RADIUS	R2	S ±.010	S1 ±.010	SHCS	
														MALE(2)	FEMALE(2)
GTL125	1.250	0.625	0.625	0.500	0.414	1.125	0.438	0.438	0.875	0.26	0.059	0.312	0.875	#6-32X1/2"	#6-32X5/8"
GTL150	1.500	0.875	0.875	0.750	0.531	1.625	0.500	0.500	1.25	0.26	0.059	0.437	1.000	#8-32X3/4"	#8-32X3/4"
GTL200	2.000	1.000	1.125	0.750	0.664	1.875	0.750	0.750	1.375	0.38	0.059	0.500	1.375	#10-32X3/4"	#10-32X1"
GTL300	3.000	1.125	1.500	0.750	0.787	2.250	1.125	1.125	1.500	0.51	0.098	0.562	2.250	1/4-20X3/4"	#1/4-20X1 1/2"

*可接受圖面追加工
Customized is available

Mold Components

模具配件

導位固定塊(Locking Block Set GSL Type)



MALE: YK30
54~56HRC
Black Oxide Finish(染黑)



FEMALE: SKD11(D2)
58~62HRC
Titanium Nitride Coated(鍍鈦)

編號(Item No.)	W 0 -0.0005	T ±.001	A ±.001	B ±.001	C	D1 ±.0003 0	D2 0 ±.0003	H	R1	POCKET RADIUS	R2	S ±.010	S1 ±.010	SHCS
GSL37	1.0000	0.375	1.125	0.875	0.53	0.5000	0.4999	1.37	0.22	3/16	0.06	0.250	0.500	#10-32X1/2"
GSL49	1.2500	0.490	1.125	0.875	0.66	0.5000	0.4999	1.50	0.22	3/16	0.06	0.250	0.750	#8-32X5/8"
GSL50C	1.5000	0.500	0.875	0.875	0.56	0.5630	0.5629	1.40	0.22	3/16	0.06	0.250	1.000	#8-32X5/8"
GSL50	2.0000	0.500	1.375	0.875	0.66	0.7500	0.7499	1.50	0.22	3/16	0.06	0.312	1.376	#10-32X5/8"
GSL75	3.0000	0.750	1.875	0.875	1.13	1.2500	1.2499	1.96	0.28	1/4	0.12	0.375	2.250	1/4-20X3/4"
GSL100	4.0000	1.000	2.375	1.375	1.25	1.5000	1.4999	2.59	0.53	1/2	0.12	0.500	3.000	3/8-16X1"
GSL125	5.0000	1.250	2.875	1.375	1.63	2.0000	1.9999	2.96	0.53	1/2	0.12	0.625	3.750	1/2-13X1 1/4"
GSL150	6.0000	1.500	2.875	1.375	1.75	2.5000	2.4999	3.09	0.53	1/2	0.12	0.625	4.750	1/2-13X1 1/2"

*可接受圖面追加工
Customized is available

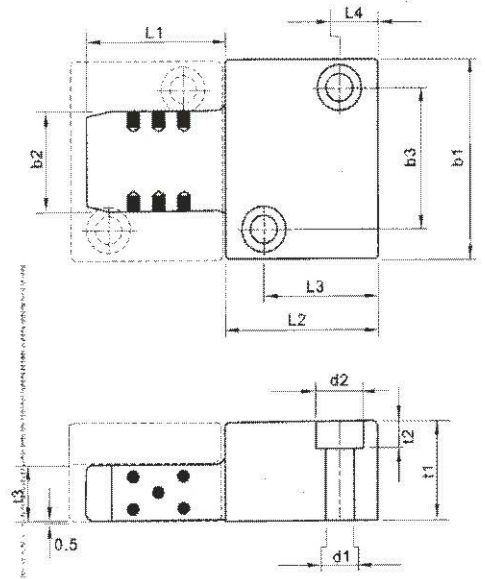
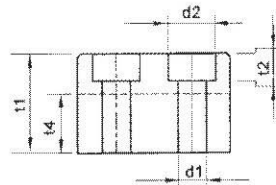
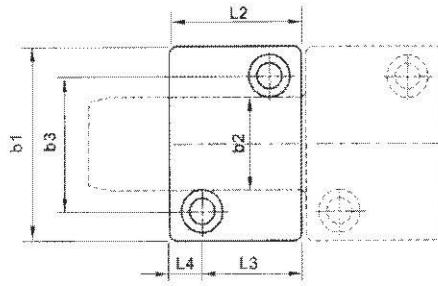
Mold Components

模具配件

方型導引柱/導引塊 (Square Guide Bar/ Guide Retainer)



GSBR



M 材質 YK30+石墨 (Graphite)

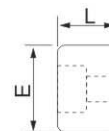
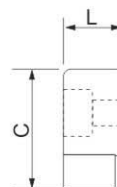
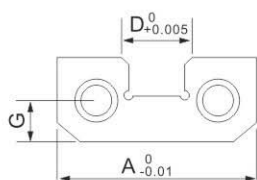
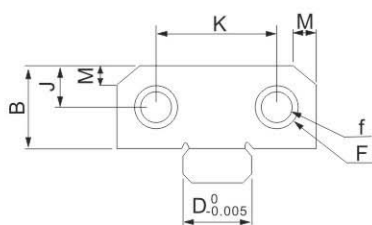
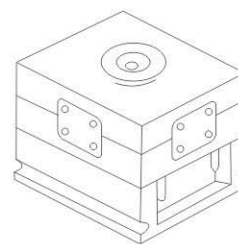
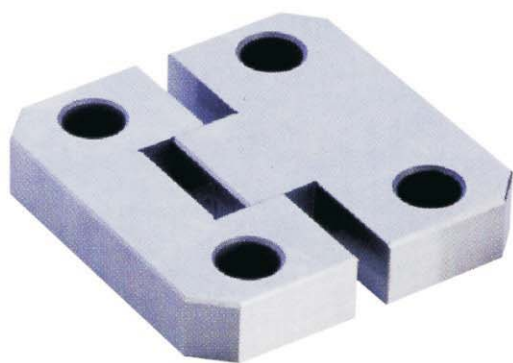
H 硬度 HRC56~60

編號(Item No.)	b2 g5	L1	t4	t3	t2	t1	d2	d1	L4	L3	L2 ^{-0.5 -0.7}	b3	b1
GSBR-40	16	20	12	11	6.8	20	11	6.6	7	15	22	26	40
		40											
GSBR-45	20	25	14	13	6.8	22	11	6.6	7	19	27	31	45
GSBR-50	25	32	15	14	6.8	25	11	6.6	9	27	36	35	50
GSBR-63	32	40	20	19	9.0	32	15	9.0	11	35	46	45	63
GSBR-85	40	50	23	22	11.0	36	18	11.0	15	40	56	60	85
GSBR-100	50	56	25	24	13.0	40	20	14.0	18	48	66	74	100
GSBR-160	125	140	63	62	21.0	11.2	32	22.0	25	135	150	110	160

Mold Components

模具配件

方型輔助器(Straight Block Set)



- ① **M** 材質 YK30
H 硬度 56-60HRC
- ② **M** 材質 SKD11
H 硬度 58-62HRC

公制: mm

編號(Item No.)	A	B	C	D	E	F	f	G	J	K	L	M
PL38	38	22	30	12	22	10.5	6.5	7	7	22	13	5
PL50	50	21.5	30	17	21.5	10.5	6.5	11	11	34	16	5
PL75	75	36	50	25	36	16.5	10.5	18	18	50	19	8
PL100	100	45	65	35	45	16.5	10.5	22	22	70	19	10
PI125	125	45	65	45	45	16.5	10.5	22	22	84	25	10

英制: INCH

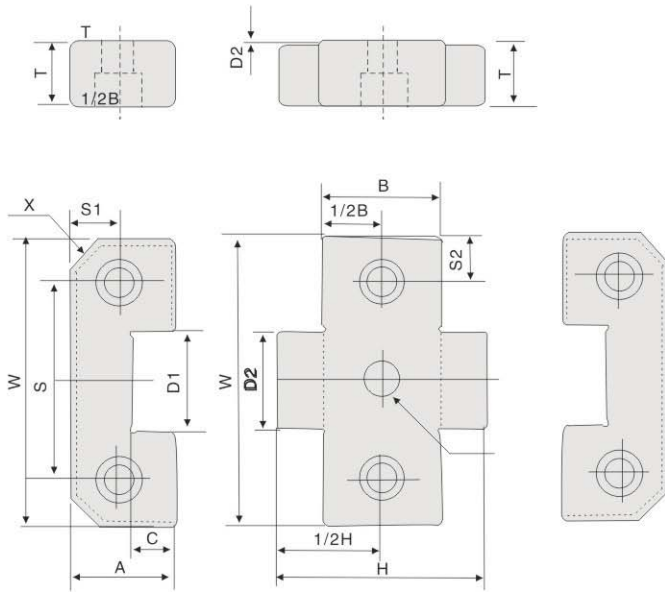
編號(Item No.)	A	B	C	D	E	F	f	G	J	K	L	M
SPL1.5	1.500	0.870	1.180	0.500	0.87	0.433	0.276	0.281	0.437	0.938	0.620	0.190
SPL2.0	2.000	0.870	1.180	0.680	0.87	0.433	0.276	0.375	0.437	1.250	0.620	0.190
SPL3.0	3.000	1.360	1.910	1.000	1.37	0.590	0.413	0.688	0.688	2.250	0.745	0.380
SPL4.0	4.000	1.870	2.640	1.375	1.87	0.590	0.413	0.875	0.875	2.750	0.745	0.500
SPL5.0	5.000	1.870	2.640	1.750	1.87	0.788	0.555	0.875	0.875	3.500	1.120	0.500

Mold Components

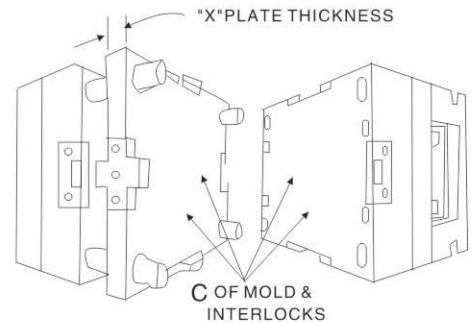
模具配件

X型直式導位互鎖組件 X-Style Straight Inter Lock

GPLX



- M** 材質 YK30
- H** 硬度 Male HRC50° -55°
Female HRC55° -60°
- M** Material: YK30
- H** Hardeness: Male HRC50-55°
Female HRC55-60°



英制: inch

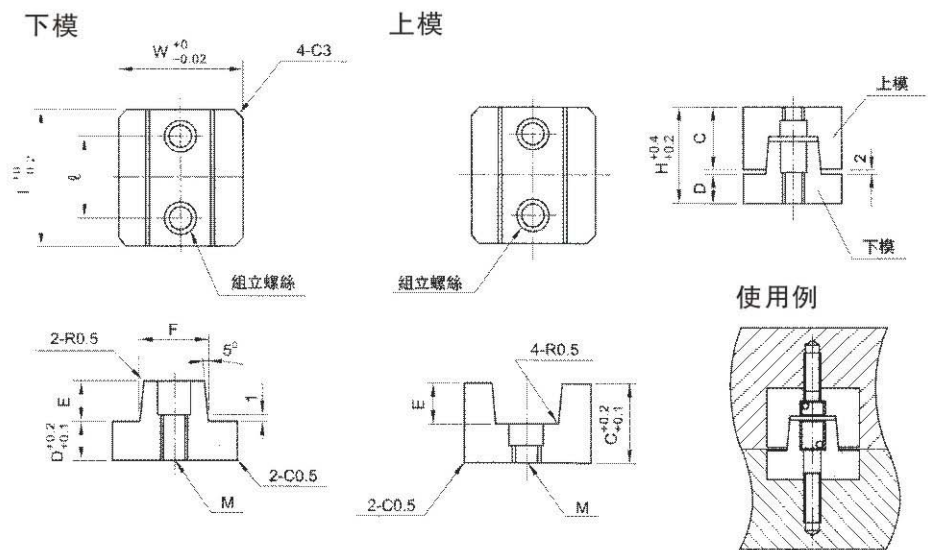
Type No.	W 0 -.0004	B	T	A	C	D1 +.0004 +.0002	D2 0 -.0002	H	P H7	S	S1	S2	X	SHCS
GPLX15085	1.5000	.850	.620	.870	.33	.5000	.5000	1,470	.2500	.938	.281	.281	.19	1/4-20x3/4"
GPLX15135		1,970												
GPLX20085	2.0000	.850	.620	.870	.33	.680	.6800	1,470	.2500	1.250	.375	.375	.19	1/4-20x3/4"
GPLX20135		1,970												
GPLX30085	3.000	.850	.745	1.370	.57	1.000	1.0000	1,950	.3750	2.250	.688	.375	.38	3/8-16x1"
GPLX30135		2,450												
GPLX40135	4.0000	1.350	.745	1.870	.79	1.3750	1.3750	2,890	.3750	2.750	.875	.625	.50	3/8-16x1"
GPLX40185		3,390												
GPLX50135	5.0000	1.350	1.120	1.870	.79	1.7500	1.7500	2,890	.5000	3.500	.875	.750	.50	1/2-13x1-1x4"
GPLX50185		3,390												

(2)Socket head cap screws and(1) dowel of the size and length indicated in the chart are included with each X-Style interlock. Additionally,(2) set head cap screws of the size and length indicated in the chart are included with each female interlock.

Mold Components

模具配件

導位輔助器(Taper Block Set-GTBS Type)



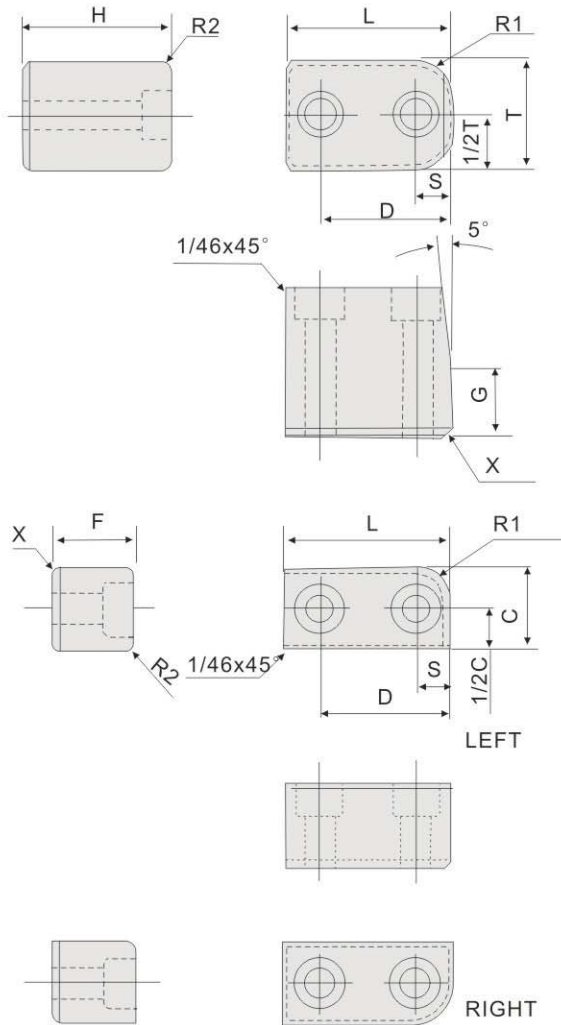
M 材質 YK30 **H** 硬度 56~60HRC

Item No.	W	L	C	D	E	F	H	M	M	ℓ
GTBS-25	25	25	17	9	8	15	28	M4	M5	0
		30								15
		40								20
GTBS-35	35	40	22	11	10	20	35	M6	M8	30
		50								
GTBS-45	45	50	29	14	15	25	45			

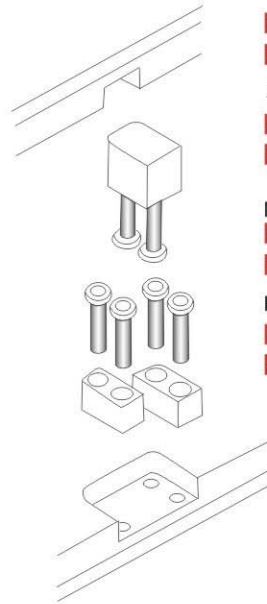
Mold Components

模具配件

導位固定塊組件 (三件式) Locating Block Set



使用例
Diagram



GL



中件

M 材質 SKD11 (D2)

H 硬度 HRC58° -62°

左右件

M 材質 YK 30

H 硬度 HRC50° -54°

Middle part

M Material:SKD11(D2)

H Hardness HRC58-62

Right/Left parts

M Material:YK30

H Hardness:HRC50-54

英制: inch

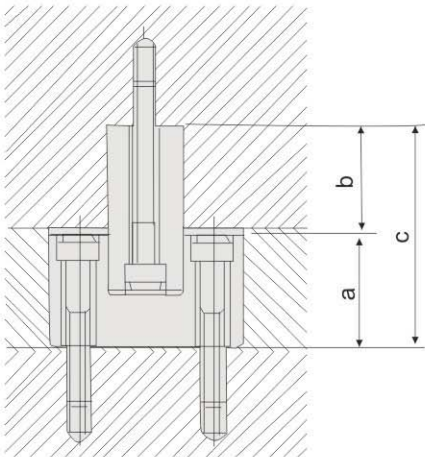
Type No.	L ₀ -.01	T ₀ -.0005	H	C ₀ -.0003	S	D	G	F	POCKET (RET)	R1	R2	X	SHCS
GL 100	1.000	.500	.85	.500	.25	.75	.36	.50	.3/16	.22	.06	.03	MAMLE #10-21x1" FEMALE#10-32x5/8"
GL 150	1.500	1.000	1.35	.750	.31	1.19	.61	.75	1/4	.34	.09	.06	MALE:1/4+20x1-1/2" FEMALE:1/4-20x7/8"
GL 200	2.00	1.500	1.73	1.000	.44	1.56	.73	1.00	3/8	.44	.09	.05	MALE:3/8-16x2" FEMALE:3/8-16x1.1/4"
GL 250	2.500	2.000	2.11	1.250	.56	1.94	.86	1.25	1/2	.53	.09	.09	MALE:1/2-13x2-1/4" FEMALE:1/2-13x1-1/2"

Mold Components

模具配件

導位固定塊組件 (直式) Locating Block Set (Straight Type)

使用例 Diagram



公制:mm

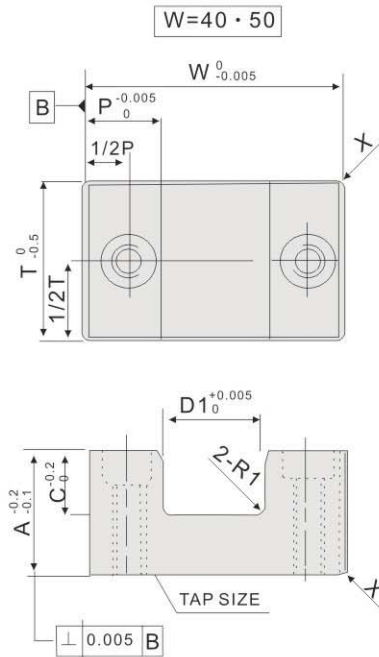
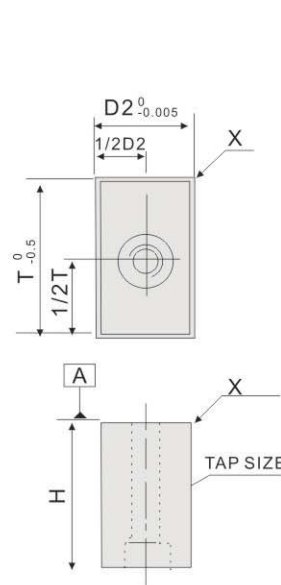
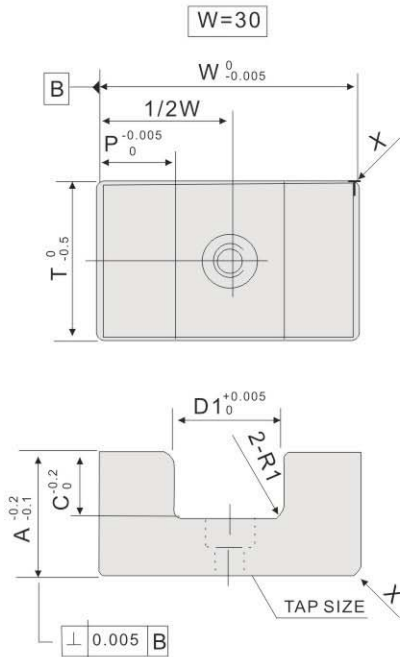
Type No .	A	a	b	c	
GXB	30	14	14	13	28
	30	19	19	13	32
	40	19	19	16	35
	40	24	24	16	40
	50	29	29	21	50
	50	34	34	21	55

GXB



- ① **M** 材質 YK30
H 硬度 HRC56-60°
- ② **M** 材質 SKD11
H 硬度 HRC58-62°

- ① **M** Material:YK30
H Hardness:HRC56-60°
- ② **M** Material:SKD11
H Hardness:HRC58-62°



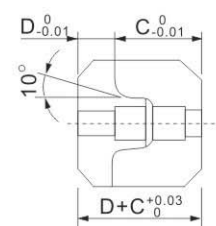
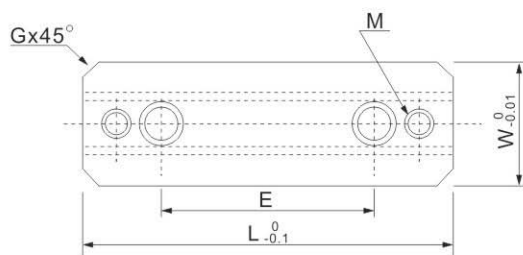
公制:mm

Type No .	W	A	T	C	D1 +0.005 0	D2 -0.005 -0.015	H	P	X	TAP SIZE	SHCS
GXB3014	30	14	20	6	12	12	18	9	1	M5	M4
GXB3019		19									
GXB4019	40	19	25	10	16	16	25	12		M5	M4
GXB4024		24									
GXB5029	50	29	30	15	20	20	35	15		M8	M6
GXB5034		34									

Mold Components

模具配件

導位輔助器(Taper Block Set-GTBL Type)



M 材質 S50C
H 硬度 52~56HRC

公制: mm

編號(Item No.)	W	L	C	D	E	G	M
GTBL50	25	50	17.5	8	0	5	
GTBL100	30	100	22	10	60	5	
GTBL150	40	150	25	13	100	5	M8

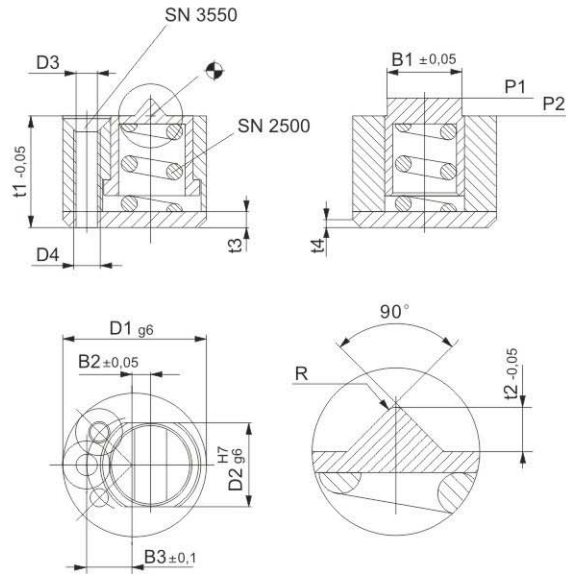
英制: INCH

Item No.	W	L	C	D	E	G	M
GTBL2.0	1.000	1.980	0.690	0.312	0	0.200	3/16"-24
GTBL4.0	1.250	3.980	0.870	0.375	2.50	0.200	1/4"-20
GTBL6.0	1.500	5.980	1.000	0.500	4.00	0.200	5/16"-18

Mold Components

模具配件

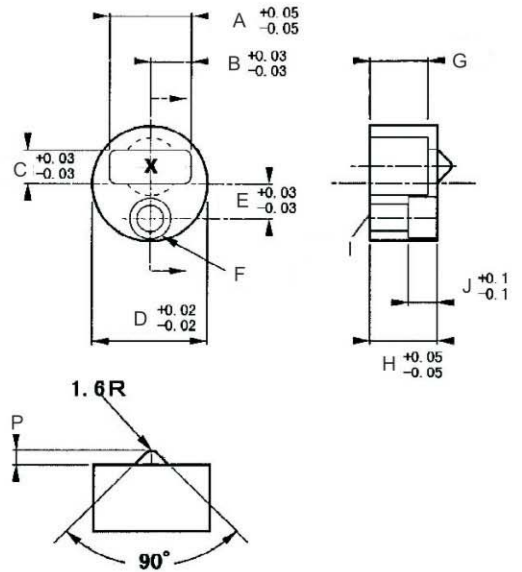
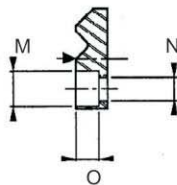
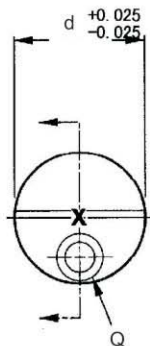
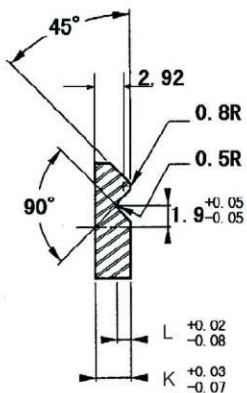
5130定位器 (Locator block)



max. 100°C

編號(Item No.)	D1	B1	B2	B3	t1	t2	t3	t4	D2	D3	D4	R	P1 N	P2 N	SN 2500-	SN 3550-
SZ5130-13	13	6,6	1,4	4,3	10	1,0	1,6	0,35	7	2,2	M3	0,35	28	34	5-12	M2-16
SZ5130-18	18	9,6	2,0	6,0	14	1,8	2,0	0,50	10	3,2	M4	0,5	38	42	8-16,5	M3-20
SZ5130-27	27	14,4	3,0	9,0	21	2,8	3,0	0,50	15	4,3	M5	0,75	38	92	11,6-18,5	M4-25

Locator

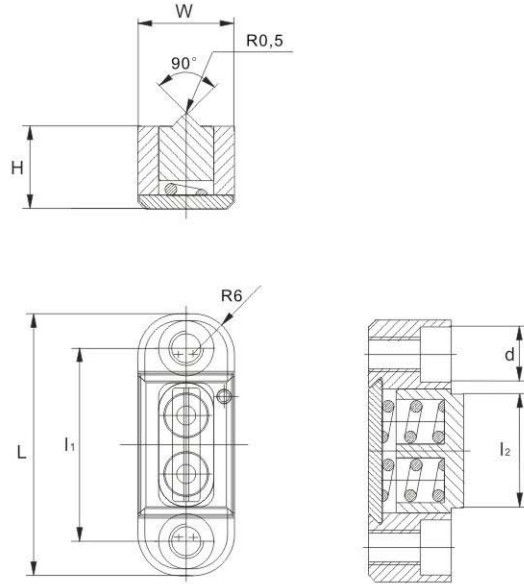


編號(Item No.)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	d
SLK-8A	8.64	4.3	3.8	12.65	3.8	4.3	6.5	7.5	2.3	3.2	3.7	1.4	4.3	2.3	2.54	1.6	4.3	12.65

Mold Components

模具配件

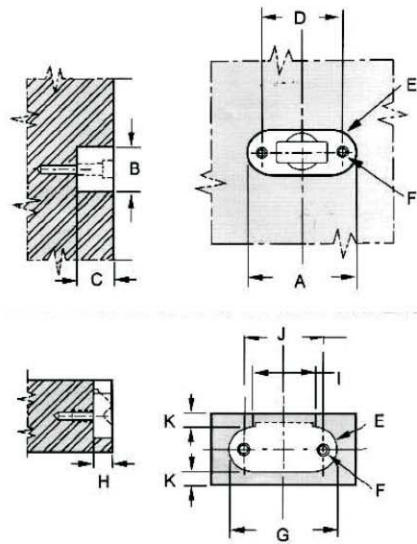
SZ5140定位器 (Locator)



max. 100°C

編號(Item No.)	L	I ₁	I ₂	W	H	d	R
SZ-00	38	28	16	14	12	8	6
SZ-01	53	43	32	18	14		8
SZ-02	56	44	44	48	16		8

Locator-25A (mm)
Locator-50A

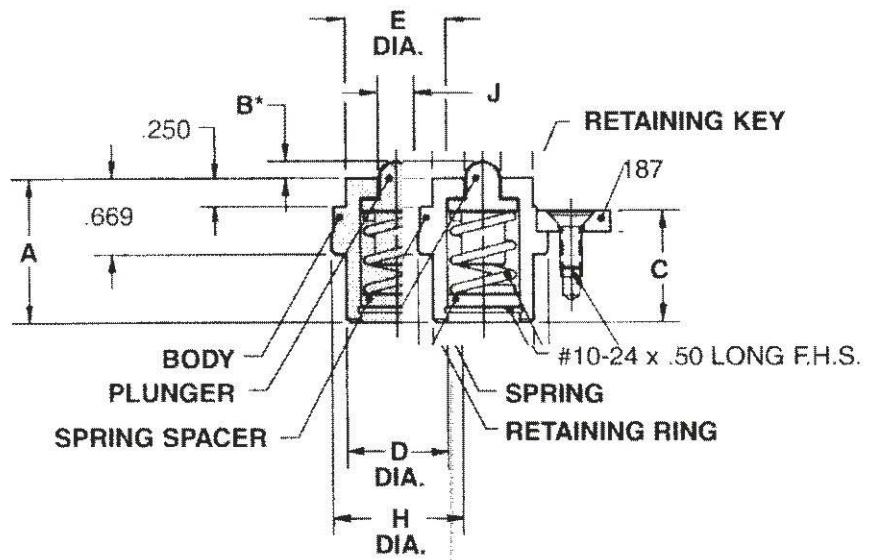
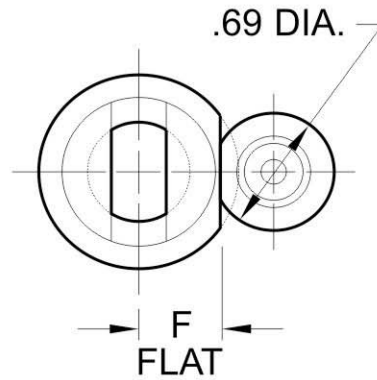


編號(Item No.)	A	B	C	D	E	G	H	I	J	K	F
公差	+0.1 -0	+0.1 -0	+0.05 -0	/	+0.05 -0	+0.1 -0	+0.05 -0	±0.5	/	以上 (above)	/
SSLK-25A	38.1	15.9	12.7	28	R 8	38.1	6.4	22	28	5	#6-32TAP
SSLK-50A	58.4	25.4	22.2	42	R12.7	58.4	10.2	32	42	5	1/4-20TAP

Mold Components

模具配件

D式限位夾(D Type Slide Retainer)

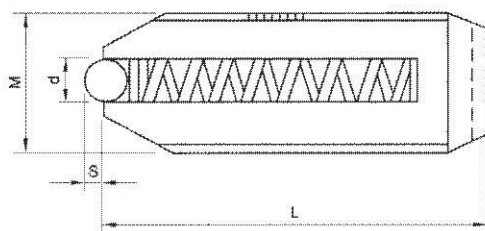


編號(Item No.)	"A"	"B"	"C"	"D" DIA.	"E" DIA.	"F" FLAT	"H" DIA.	"J" PLUNGER
SPSR1000	1.08	.072	.795	.620	.630	.375	.866	.188
SPSR2000	1.32	.121	1.035	.740	.748	.420	.984	.250
SPSR4000	1.26	.149	.975	.870	.866	.468	1.102	.312

Mold Components

模具配件

定位珠(定位螺絲) (Ball Plunger)



GBP

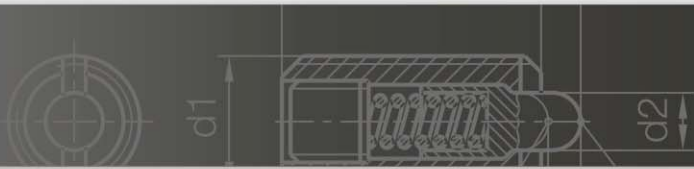
- ☑ 材質 SCM21
- ☑ 鋼珠 SUJ2
- ☑ 彈簧材質 (Spring matl') SWP

公制:mm

編號(Item No.)	M X Pitch	d	S	L	荷重min max load	
GBP-4 (一字)	4×0.7	2.5	1.0	9	0.3	1.0
GBP-5 (一字)	5×0.8	3.0		12	0.5	1.5
GBP-6 (内六角)	6×1.0	3.5	1.2	14	0.7	2.0
GBP-8 (内六角)	8×1.25	5.0	1.8	16	0.9	2.5
GBP-10 (内六角)	10×1.5	6.0	2	19	1.0	3.0
GBP-12 (内六角)	12×1.75	8.0	3	22	1.6	5.0
GBP-16 (内六角)	16×2.0	10.0	4	25	2.5	8.0

公制:mm

編號(Item No.)	英寸牙 (inch)	d	S	L	荷重min max load	
GBPJ-2 1/2	5/56"	5	2	17	1.3	2.6
GBPJ-3	5/56"	6	2		1.0	3.0
GBPJ-4	5/56"	8	3		1.6	5.0

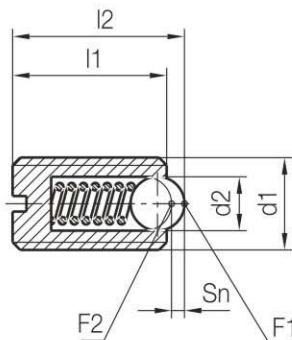


Mold Components

模具配件

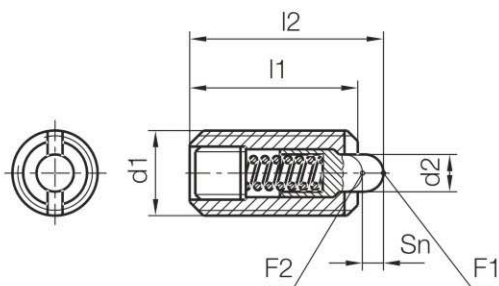
定位珠(定位螺絲) (Ball Plunger)

SZ 371/...



F1	[N]	Sn	l2	d2	d1	l1	Nr. / No.
11,6	6	0,64	9,8	2,5	M 4	9	SZ 371/ 4 x 9
13,3	8,8	0,72	12,9	3	M 5	12	5 x 12
15,1	11,2	0,8	15	3,5	M 6	14	6 x 14
29,5	18,5	1,2	17,5	5	M 8	16	8 x 16
43	23,9	1,6	21	6	M 10	19	10 x 19
59,8	35,9	2	24,5	8	M 12	22	12 x 22
101,6	74	2,4	27,5	10	M 16	24	16 x 24

SZ 372/...



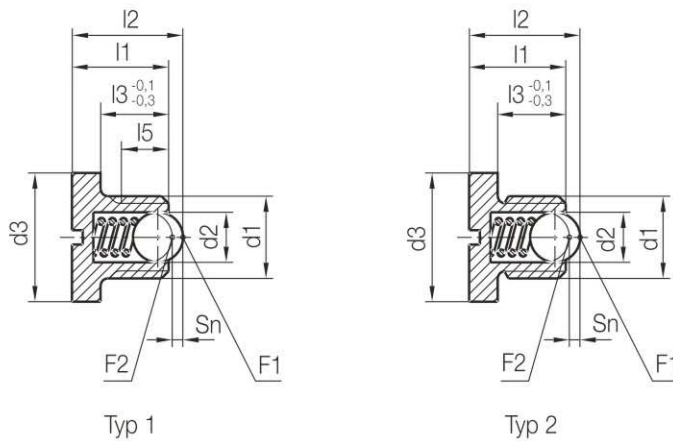
F1	[N]	Sn	l2	d2	d1	l1	Nr. / No.
2,8	1,7	0,8	13	1	M 3	12	SZ 372 / 3 x 12
12	5	1,2	16,5	1,5	M 4	15	4 x 15
16	7	1,8	20,3	2,4	M 5	18	5 x 18
		2	22,5	2,7	M 6	20	6 x 20
28	9	2,4	25	3,5	M 8	22	8 x 22
				4	M 10		10 x 22
44	15	3,2	32	6	M 12	28	12 x 28
80	45	4	37	7,5	M 16	32	16 x 32
112	70	5,6	47	10	M 20	40	20 x 40
144	80	8	62	12	M 24	52	24 x 52

Mold Components

模具配件

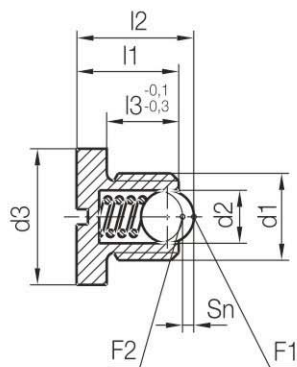
定位珠(定位螺絲) (Ball Plunger)

SZ 36 / ...

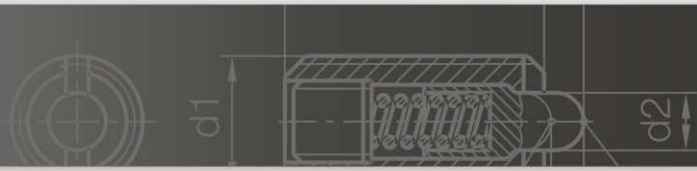


Typ	F2 [N]	[N] F1	Sn	l5	l3	l2	d3	d2	d1	l1	Nr. / No.
1	10,8	6	0,64	4	6,5	9,8	6	2,5	M 4	9	SZ 36 / 4 x 9
	13	8,8	0,72	6	8,5	12,9	8	3	M 5	12	5 x 12
2	15	11,2	0,8	-	9	15	10	3,5	M 6	14	6 x 14
	27,6	18,5	1,2		11	17,5	13	5	M 8	16	8 x 16
	40,8	23,9	1,6		14	22	16	6	M 10	20	10 x 20
	55	35,9	2		15	24,5	18	8	M 12	22	12 x 22

SZ 361/...



F2 [N]	[N] F1	Sn	l3	l2	d3	d2	d1	l1	Nr. / No.
27,6	18,5	1,2	10,8	17,5	13	5	M 8	16	SZ 361 / 8 x 16
55	35,9	2	14,8	24,5	18	8	M 12	22	12 x 22

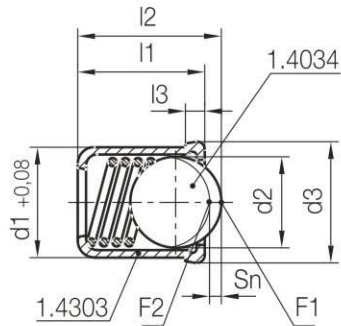


Mold Components

模具配件

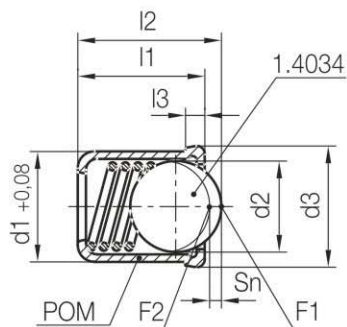
定位珠(定位螺絲) (Ball Plunger)

SZ 374 / . . .



F2 [N]	[N] F1	Sn	l3	l2	d3	d2	d1	l1	Nr. / No.
4	2	0,7	1	5,9	4,6	3	4	5	SZ 374 / 4 x 5
5,6	4	0,8		7	5,6	4	5	6	5 x 6
9,6	6	1,2		8,5	6,5	5	6	7	6 x 7
		1,4		10,8	8,5	6,5	8	9	8 x 9

SZ 375 / . . .

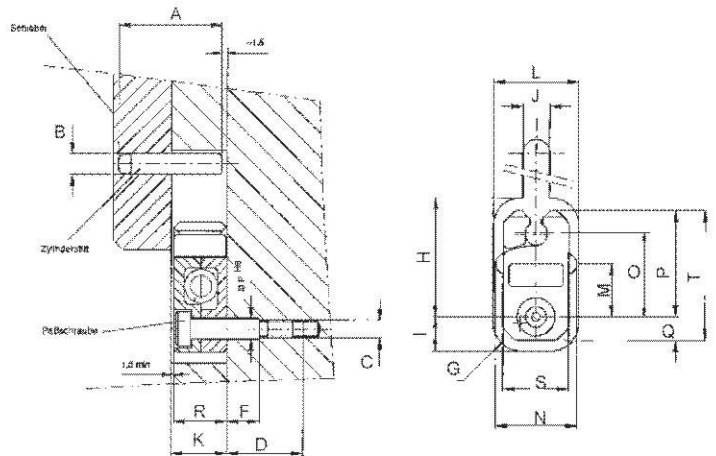


F2 [N]	[N] F1	Sn	l3	l2	d3	d2	d1	l1	Nr. / No.
5,6	3,5	0,7	1	5,9	4,6	3	4	5	SZ 375 / 4 x 5
7,2	5	0,8		7	5,6	4	5	6	5 x 6
11,2	8	1,2		8,5	6,5	5	6	7	6 x 7
13,6	9	1,4		10,8	8,5	6,5	8	9	8 x 9

Mold Components

模具配件

E式行位鎖(E Type Slide Retainer)



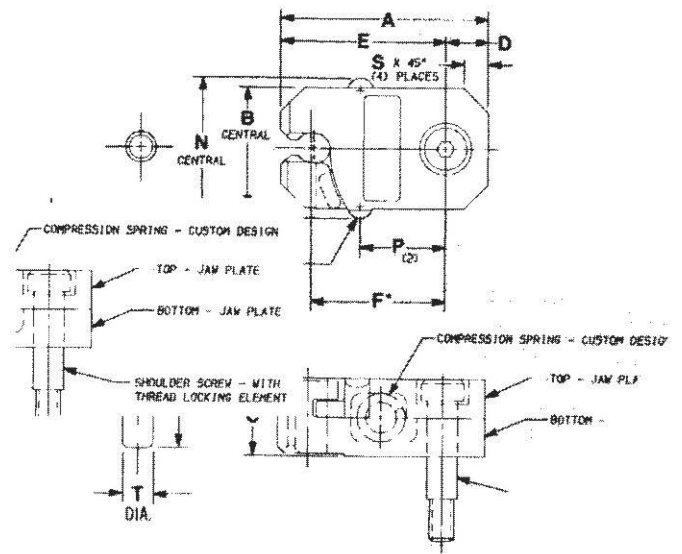
REF	Schieberklammer											Klammerausfrassung in der Form								Aascheg-Max. Schieberstift gewicht			PM Ereatzteile	
	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	Newton	REF	max Nm	
E-0001	38	19	16	7	31,5	24,30	24,0	15,5	25,5	17,5	8	10,0	94,5	9	8,5	6	20	M5	6	32	100	PM5*20	10	
E-0002	54	32	20	11	43,0	34,33	36,5	22,5	38,0	21,5	10	14,5	46,0	10	10,5	8	25	M6	8	40	200	PM6*25	15	
E-0003	86	45	30	19	67,0	53,38	49,5	40,0	5,0	31,5	12	22,5	70,0	12	17,5	10	35	M8	10	60	400	PM8*40	20	



Mold Components

模具配件

D式行位鎖(D Type Slide Retainer)

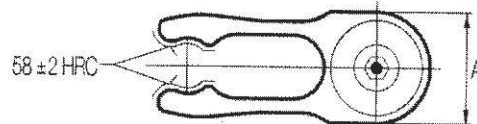
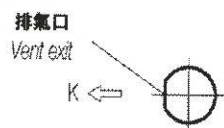
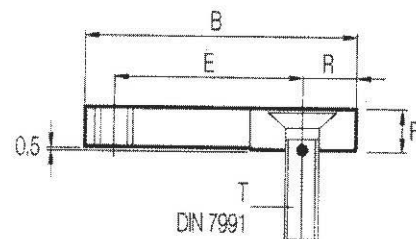
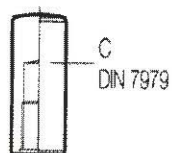


編號(Item No.)	A	B	C	D	E	F*	N	P	S	T	U
D-0001	1.50	.76	.63	.27	1.23	.980	.94	.61	.14	.250	1.25
D-0002	2.13	1.26	.79	.44	1.69	1.375	1.44	.88	.25	.312	1.50
D-0003	3.38	1.76	1.18	.75	2.63	2.125	1.94	1.57	.38	.375	2.25

Mold Components

模具配件

C式限位夾(C Type Slide Retainers)



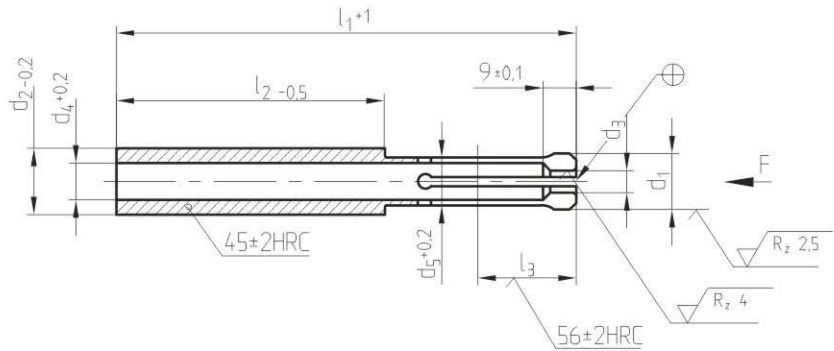
編號(Item No.)	A	B	C	E	F	G	H	K	R	T
SL.123006	12	30	6×20	21	5	4	16	5Kg.	6	M5×16
SL.164008	16	40	8×20	28	6	5	15	7Kg.	8	M6×25
SL.205010	20	50	10×24	34	8	6	17	14Kg.	10	M8×30
SL.246012	24	60	12×32	42	10	7	23	21Kg.	12	M10×40
SL.328012	32	80	16×40	56	12	9	27	28Kg.	16	M12×50
SL.328016					16		25			38Kg.

Mold Components

模具配件

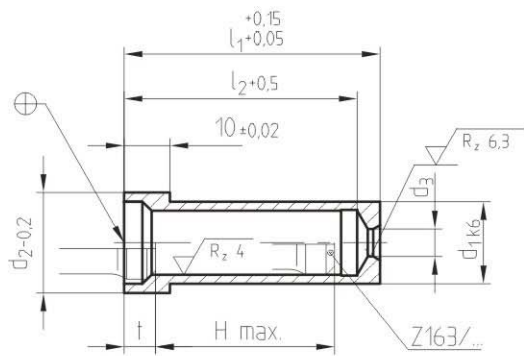
强制回位開關(Pressure Sleeve and Bush)

SZ163



編號(Item No.)	max. F [N]	l_3	l_2	d_1	d_2	d_4	d_5	d_3	l_1
SZ163/6×125	12000	20	73	16	18	10	13	6	125
SZ163/10×160	20000	25	100	20	24	12,5	17	10	160

SZ164



編號(Item No.)	max. H	t	l_2	d_2	d_1	d_3	l_1
SZ164/6×36	24	6,7	31	22	18	6	36
SZ164/6×46	34		41				46
SZ164/6×56	44		51				56

編號(Item No.)	max. H	t	l_2	d_2	d_1	d_3	l_1
SZ164/10×36	23	6,7	30	29	24	10	36
SZ164/10×46	33		40				46
SZ164/10×56	43		50				56
SZ164/10×76	63		70				76

Mold Components

模具配件

射銷斜座 (Inclined Ejector Core Unit)

序號	名稱	數量	材質
1	導軌基體	1	S45C
2	蓋板	2	S45C
3	銷孔	1	S45C
4	銅導板	2	高力黃銅
5	螺絲	1	SCM435
6	杯頭螺絲	4	SCM435



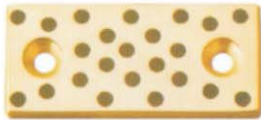
型號/Type	D	d	D1	A	B	C	E	F	MJ	G	H	H1	H2	H3	Hr	H5
GS-8	8	7	4.5	11	20	8	10	7	M4	8	22	12.5	5	11	7	10.5
GS-10	10	7	5.5	15	25	10	12.5	9	M5	9	27	15.5	5	15	8	11.3
GS-12	12	10	7	17	25	12	15	11	M6	10	32	18	7	16	10	4
GS-16	16	12	9	22	30	16	15	14.5	M8	12	36	20	8	20	10	5
GS-20	20	14	11	26	40	20	16	18	M10	16	42	23	11	22	12	8
GS-25	25	16	14	32	45	25	17	22.5	M12	20	50	28	15	26	15	8
GS-30	30	18	14	38	50	30	17	27	M12	25	55	30	15	30	15	9
GS-35	35	20	14	45	60	35	18	32	M12	30	62	35	15	34	18	10
GS-40	40	25	18	55	70	40	19	36	M16	35	70	40	15	44	18	12
GS-45	45	30	18	60	80	45	24	40	M16	40	80	45	15	50	20	14

型號/Type	D	L	L1	L2	W	W1	W2	P1	P2	Mk	N	ST
GS-8	8	32	20	3.6	33	30	19	24	20	M3	3	10
GS-10	10	45	25	4.5	45	40	25	32	30	M4	4	18
GS-12	12	50	30	5	57	51	31	39	35	M6	6	20
GS-16	16	65	40	5	65	58	38	46	40	M6	6	25
GS-20	20	80	50	5	80	72	44	56	55	M8	8	30
GS-25	25	90	55	6	93	85	52	66	65	M10	10	35
GS-30	30	100	60	7	101	93	60	74	70	M10	10	40
GS-35	35	120	75	8	120	110	70	85	80	M12	10	45
GS-40	40	135	85	8	130	120	80	95	90	M12	10	50
GS-45	45	150	95	10	140	130	90	105	110	M12	10	55

Mold Components

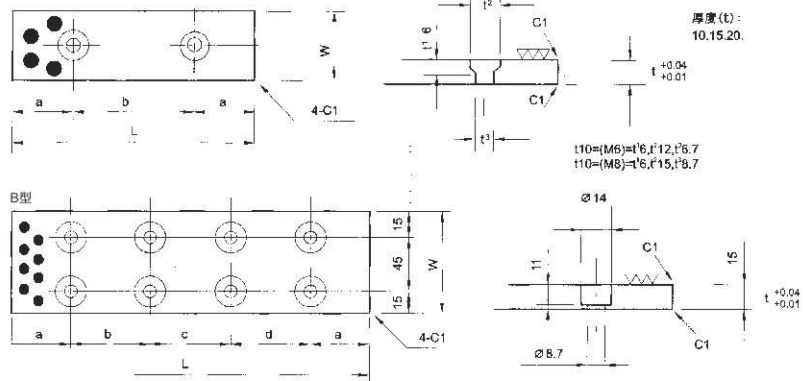
模具配件

無給油耐磨板 (Oil-free Slide Plate)



GPP

材質: 銅合金 石墨(黑鉛)
Matl': Copper Alloy Graphite



Type	寬度 W	長度 L	裝配孔之孔距				螺絲規格 Nut spec	螺絲個數 Nut qty	型 式 Type	備 注	
			a	b	c	d					a
GPP	18	75	15	45			M6平頭螺絲	2	A 型	厚度(t): 10.15.20.	
	"	100	25	50			"	2	"		
	"	125	25	75			"	2	"		
	"	150	25	100			"	2	"		
	28	75	15	45			"	2	"		
	"	100	25	50			"	2	"		
	"	125	25	75			"	2	"		
	"	150	25	100			"	2	"		
	35	100	200	60			M8平頭螺絲	2	"		
	"	150	20	55	55		"	3	"		
	"	200	20	55	50	55	"	4	"		
	"	250	20	70	70	70	"	4	"		
	"	300	20	65	65	65	65	"	5		"
	"	350	200	80	75	75	80	"	5		"
	38	75	15	45			M8平頭螺絲	2	"		
	"	100	25	50			"	2	"		
	"	125	25	75			"	2	"		
	"	150	25	100			"	2	"		
	48	75	15	45			"	2	"		
	"	100	25	50			"	2	"		
	"	125	25	75			"	2	"		
	"	125	25	100			"	2	"		
	50	100	20	60			M8平頭螺絲	2	"		
	"	150	20	55	55		"	3	"		
"	200	20	55	50	55	"	4	"			
"	250	20	70	70	70	"	4	"			
"	300	20	65	65	65	65	"	5	"		
"	400	200	90	90	90	90	"	5	"		
75	150	20	110			M8六角沉頭螺絲	4	B 型			
"	200	20	80	80		"	6	"			
"	250	20	105	105		"	6	"			
"	300	20	85	90	85	"	8	"			
"	400	200	120	120	120	"	8	"			
"	500	20	115	115	115	115	"	10	"		

※ 可接受圖面追加工
Customized is available

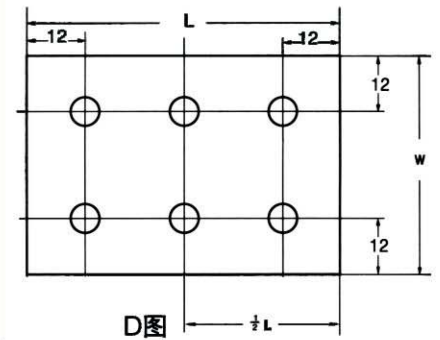
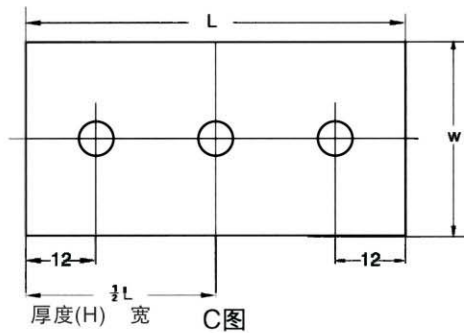
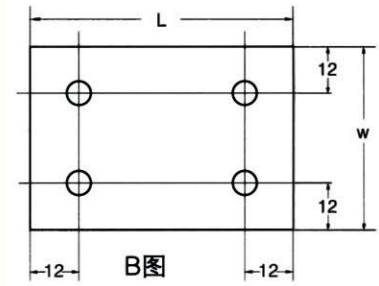
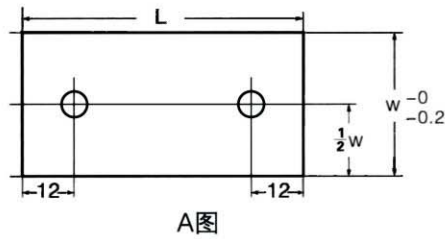
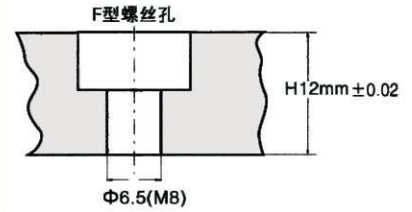
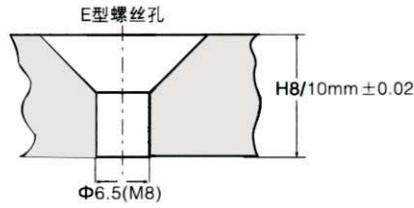
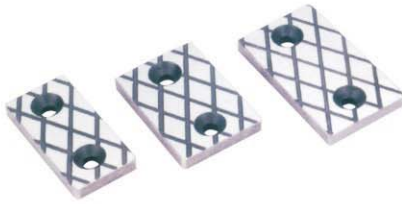
S0.0±mmSfH

S0.0±mm0f\BH

Mold Components

模具配件

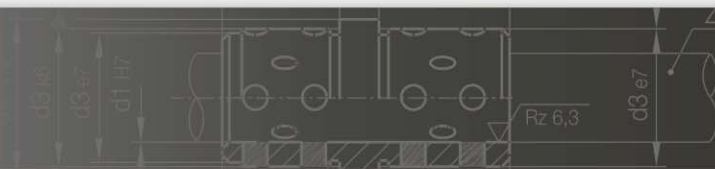
耐磨铁(Wearable Plate)



材质:SUJ5
硬度:60-62HRC

规格

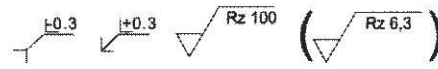
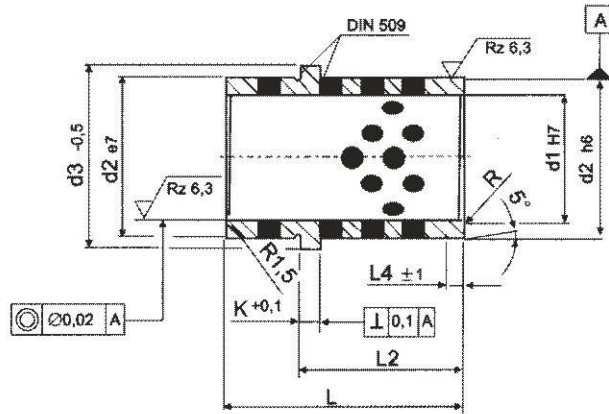
厚度(H)	宽度(W)	长度(L)	图示	厚度(H)	宽度(W)	长度(L)	图示
8 E型孔	30	50	A	10 E型孔	30	50	A
		60	A			60	A
		70	A			70	A
		80	A			80	A
	40	60	A		60	A	
		70	A		70	A	
		80	A		80	A	
		90	A		90	A	
	50	100	C		100	C	
		70	A		70	A	
		80	A		80	A	
		90	A		90	A	
	60	100	C		100	C	
		120	C		120	C	
		80	B		80	B	
		100	B		100	B	
60	120	D	120	D			
	150	D	150	D			
	60	A	60	A			
	70	A	70	A			
12 F型孔	40	80	A	70	80	A	
		90	A		90	A	
		100	C		100	C	
	50	120	C		120	C	
		100	B		100	B	
		120	D		120	D	
	60	150	D		150	D	
		120	D		120	D	
		150	D		150	D	
		200	D		200	D	



Mold Components

模具配件

自動潤滑導杆襯套 (Guide Bushe Self-lubricating)



MAT	HAR
材質	硬度
青銅合金+石墨	HB 180-210
Cooper alloy + graphite	

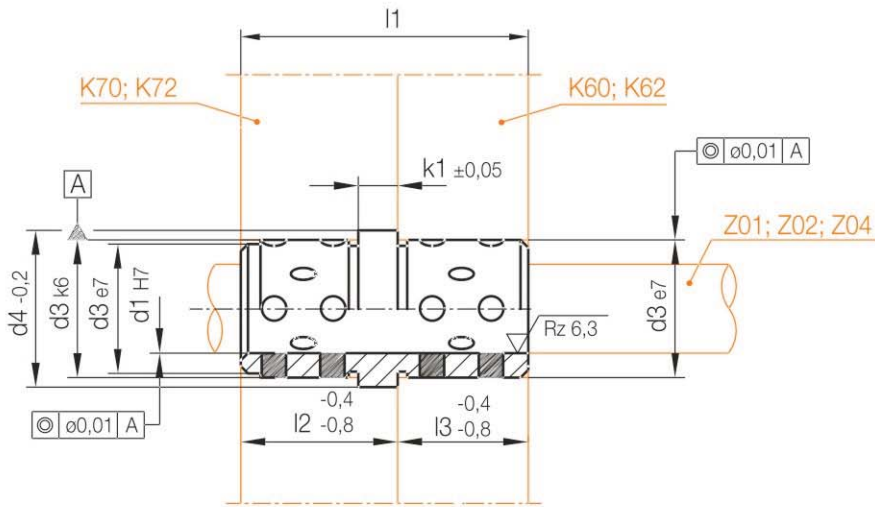
編號 (Item No.)	d1	L	L2	d2	d3	L4	K	R	
GBS14×26	14	26	17	20	25	2	6	1.5	
GBS15×26	15								
GBS18×39	18	39	22	26	31	3			
GBS20×39	20								
GBS22×35	22	49	27	30	35	4			
GBS24×49	24								35
	49								
GBS30×63	30	63	36	42	47				
GBS32×44	32	44							
GBS32×63		63							
GBS40×64	40	64	45.5	50	60	8	8		
GBS50×92	50	92	63.5	63	72				
GBS63×108	63	108	70.5	80	90				

Mold Components

模具配件

石墨銅導套 (Guide Bushe Self-lubricating)

SZ13W/...



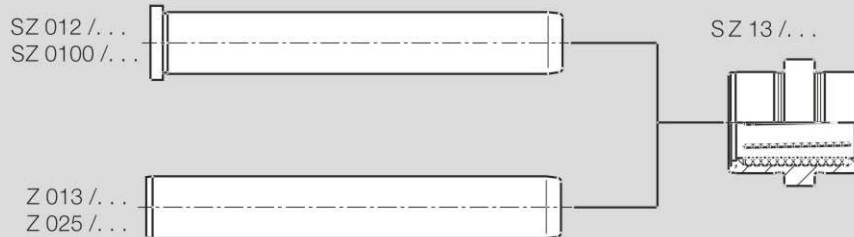
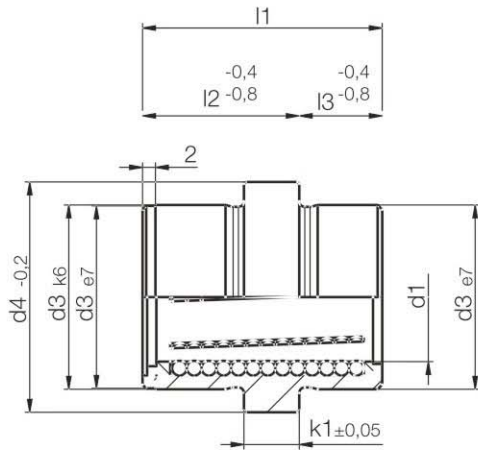
k1	l3	l1	d4	d3	l2	d1	Nr. / No.
6	9	21	16	14	12	10	SZ13W / 12 x 10
		26			17		17 x 10
	12	29	23	18	12	12	
	9	26	25	20	14	14	
	17	39	22	22	15	SZ13W / 22 x 14	
	9	26	17	15	17 x 15		
	12	29	31	26	18	18	
	17	39	31	26	22	18	SZ13W / 22 x 18
					27		27 x 18
		39			22	20	22 x 20
	22	49			27		27 x 20
	17	39	35	30	22	22	22 x 22
	22	49			27		27 x 22
	17	39			22	24	22 x 24
	22	49			27		27 x 24
	27	63			36		36 x 24
	22	49	47	42	27	30	27 x 30
	27	63			36		36 x 30
			73			46	
		63			36	32	36 x 32
36	82	60	54	46	40		46 x 40

Mold Components

模具配件

直線滾珠導套(Guide bush)

SZ 13 / ...

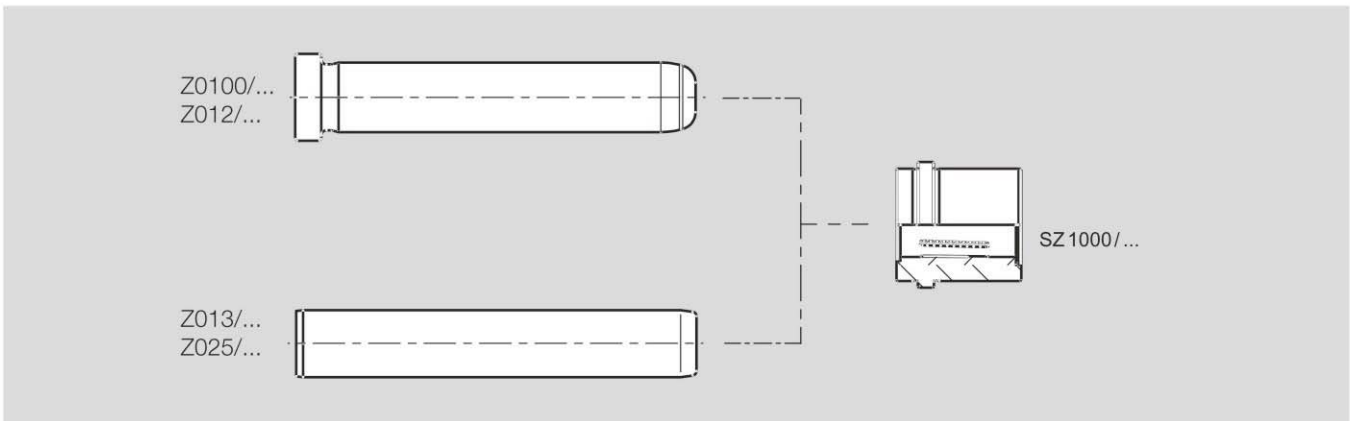
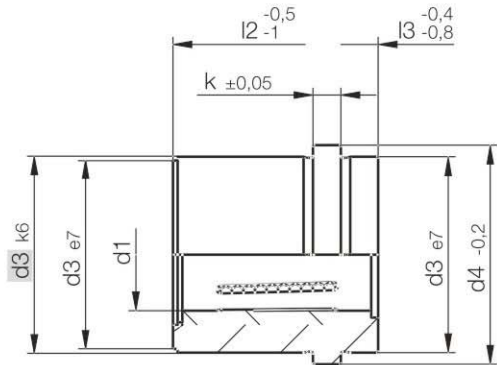


k1	l1	d4	d3	d1	l2	l3	Nr. / No.	
6	21	24	20	10	12	9	SZ 13 / 10 x 12 x 9	
	26				17		17 x 9	
				SZ 13 / 12 x 17 x 9				
	29	28	24	12		12	12	
	34	36	32	18	22		SZ 13 / 18 x 22 x 12	
	39					17	17	
	29	43	39	24	17	12	SZ 13 / 24 x 17 x 12	
	44				27	17	27 x 17	
	49					22	27 x 22	
	39	54	50	30	22	17	SZ 13 / 30 x 22 x 17	
	54				32	22	32 x 22	
	63				36	27	36 x 27	
		39	60	56	36	22	17	SZ 13 / 36 x 22 x 17
			74	70	48			SZ 13 / 48 x 22 x 17

Mold Components

模具配件

直線滾珠導套 (Guide Bush)
SZ 1000 / ...



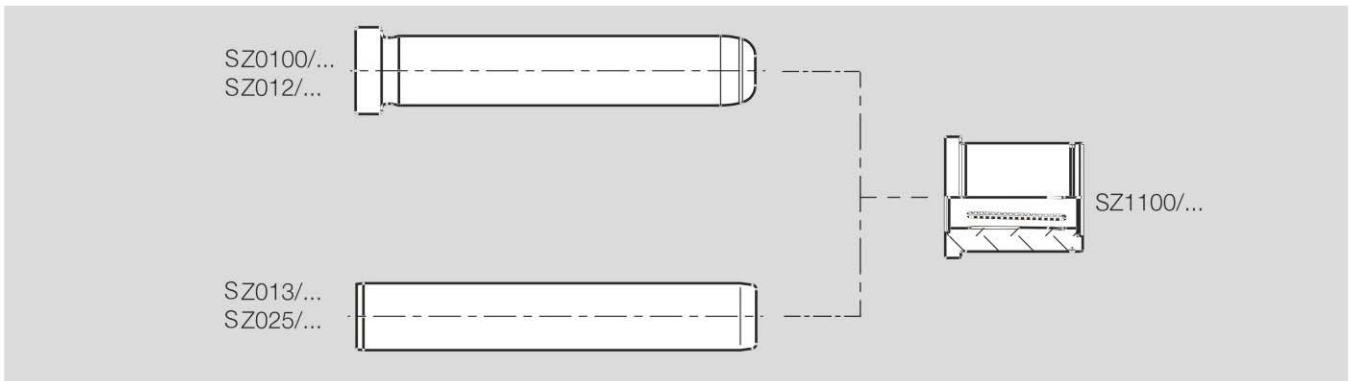
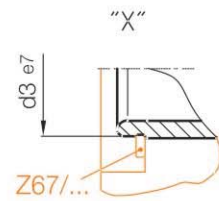
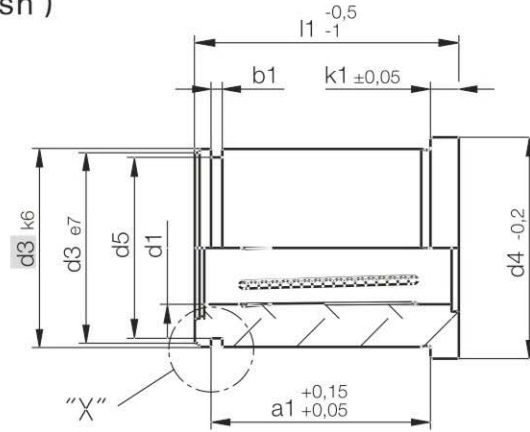
k1	l3	d4	d3	l2	d1	Nr./No.
6	5	25	20	22	9	SZ 1000/ 22x 9
				27		27
				36		36
				46		46
	6	31	26	22	14	SZ 1000/ 22x 14
				27		27
				36		36
				46		46
	8	35	30	27	18	SZ 1000/ 27x 18
				36		36
				46		46
				56		56

k1	l3	d4	d3	l2	d1	Nr./No.					
6	8	47	42	36	24	SZ 1000/ 36x 24					
				46		46					
				56		56					
				66		66					
				76		76					
				86		86					
				10			60	54	46	32	SZ 1000/ 46x 32
									56		56
66	66										
76	76										
				86		86					
				96		96					
				116		116					

Mold Components

模具配件

直線滾珠導套 (Guide Bush)
Z 1100 / ...

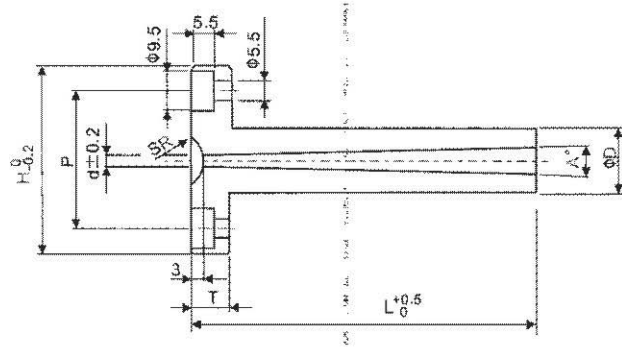


k1	a1	b1	d5	d4	d3	l1	d1	Nr./No.
6	18,3	1,3	19	25	20	27	9	SZ 1100/ 27 x 9
	27,3					36		36
	37,3					46		46
	18,3	24,9	31	26	27	14	SZ 1100/ 27 x 14	
	27,3				36		36	
	37,3				46		46	
	17,6	1,6	28,6	35	30	27	18	SZ 1100/ 27 x 18
	26,6					36		36
	36,6					46		46
	46,6					56		56
	24,85	1,85	39,5	47	42	36	24	SZ 1100/ 36 x 24
	34,85					46		46
	44,85					56		56
	54,85					66		66
64,85	76					76		
74,85	86					86		
10	30,15	2,15	51	60	54	46	32	SZ 1100/ 46 x 32
	40,15					56		56
	50,15					66		66
	60,15					76		76
	70,15					86		86
	80,15					96		96
	100,15					116		116

Mold Components

模具配件

灌嘴A型(Sprue Bushing A Type)



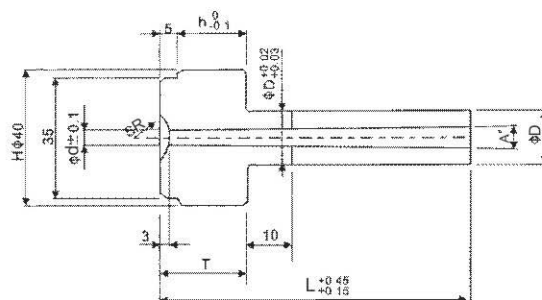
編號 (Item No.)	D	H	P	T	SR	d	A	長度(L)
SBAT-12	12	35	25	10	0	2.0 2.5 3.0 3.5 4.0 4.5 5.0	1° 2° 3°	(40)(50)(60)(70)(80)(90)(100)(110)(120)(130)(140)(150)
SBAT-16	16			15	11			
SBAT-20	20			20	12			
SBAT-16	16	50	36	10	0			
SBAT-20	20			15	11			
SBAT-25	25			20	12			

品名 Product	代號 Model	材質 Material	硬度 Hardness	單位 Unit
45C灌嘴A型	EGCA	S45C	R部位加硬HRC50° ~55° Harder on R area HRC 50° ~55°	mm
WS灌嘴A型	EGUA	SUJ2	HRC58° ~62°	
61灌嘴A型	EGSA	SKD61	HRC50° ~54°	

Mold Components

模具配件

灌嘴B型(Sprue Bushing B Type)



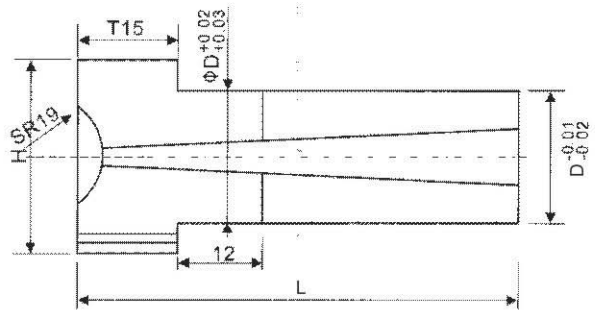
編號 (Item No.)	D		H	T	d	SR	A	長度(L)
SBBT-16×20	16	$\begin{smallmatrix} 0 \\ -0.011 \end{smallmatrix}$	40	20	2.0 2.5 3.0 3.5 4.0 4.5 5.0	0 11 12 13 16 19 21	1° 2° 3°	(40)(50)(60)(70)(80)(90)(100)(110)(120)(130)(140)(150)
SBBT-16×25				25				
SBBT-16×30				30				
SBBT-20×20	20	$\begin{smallmatrix} 0 \\ -0.013 \end{smallmatrix}$	40	20				
SBBT-20×25				25				
SBBT-20×30				30				

品名 Product	代號 Model	材質 Material	硬度 Hardness	單位 Unit
45C灌嘴B型	EGCB	S45C	R部位加硬HRC50° ~55° Harder on R area HRC 50° ~55°	mm
WS灌嘴B型	EGUB	SUJ2	HRC58° ~62°	
61灌嘴B型	EGSB	SKD61	HRC50° ~54°	

Mold Components

模具配件

灌嘴C型(Sprue Bushing C Type)



編號 (Item No.)	D	H	T	長度(L)
SBCT-12×25	12	25	15	(50)(60)(70)(80)(90)(100)(110)(120)(130)(140)(150)
SBCT-16×35	16	35		
SBCT-20×35	20			

品名 Product	代號 Model	材質 Material	硬度 Hardness	單位 Unit
S45C灌嘴C	EGCC	S45C	R部位加硬HRC50° ~55° Harder on R area HRC 50° ~55°	mm

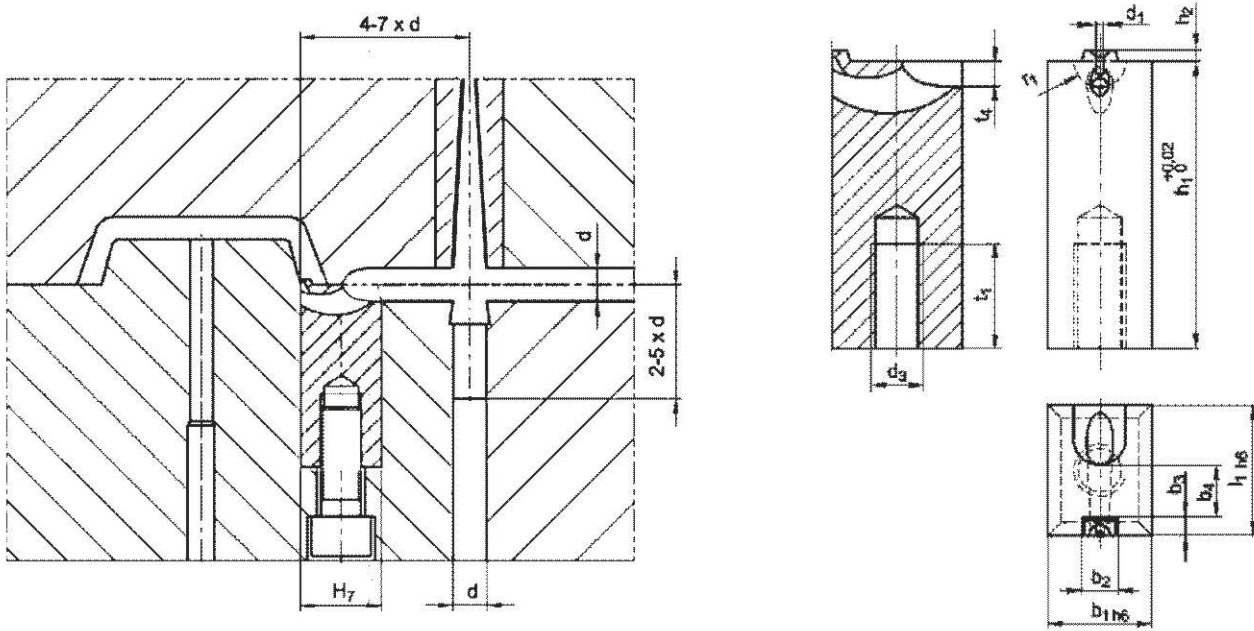
Mold Components

模具配件

潛伏澆口器 (Latent Runner Device)



潛伏澆口器 (Latent Runner Device)



材質:718(Material:718)

編號 (Item No.)	r ₁	t ₁	t ₄	b ₂	b ₃	b ₄	d ₃	h ₂	l ₁	b ₁	h ₁	d ₁
LRD-8×17	1,5	8	2	2,6	1,3	3,7	M4	0,8	8	6	17	0,4
LRD-10×22	2		2	2,6	1,3	3,7						0,6
LRD-12×10	2,25	10	2,25	3,0	1,5	4,5	M5		12	10	27	0,8
LRD-15×12	2,5		2,5	3,5	1,75	5	M6					15
												0,8
												1
												0,8
												1
												1,2

Mold Components

模具配件

排氣栓(GAS Vent)

極微細的排氣孔，能將模具內的瓦斯或空氣立即排出於模具外，簡單而最有效果的產品為提升塑膠成型生產性能發揮威力。

有效解決下列之問題：

- 燒焦
樹脂的填充較排氣快時，空氣受斷熱壓縮，前端部變成高溫，依情形而定，會引起變色，燒焦等問題。
- 溢料
在結合部前端的樹脂溫度上升，粘度下降，而易發生溢料，另外，空氣造成填充障礙，則射出壓力上升，結果模具微張，而全體發生溢料。
- 填充不足
雖然沒有燒焦，溢料發生，但因空氣造成的阻力，減緩了填充比率，造成填充不足的現象。
- 氣泡銀綫
空氣與樹脂凝縮造成氣泡、銀綫、污點等外觀不良問題。
- 循環時間延長
若提高樹脂溫度，模具溫度，降低射出速度，雖然這些不良現象不會發生，但使循環時間延長。

節省能源，節省時間，節省成本

若從設計階段開始考慮TX排氣栓的話，模具的試模次數、時間、材料均可減少。
裝入排氣栓的費用與時間約與往常所需的1/3-1/10。

排氣栓使用方法：

1. 排氣栓在壓入模具時，表面請勿直接打擊。
2. 排氣栓在壓入模具時，請使用JIS規格H7/S6之公差。

GAS



- ① **M** 不銹鋼—射出模具專用
H 硬度 Rv50
孔徑 0.05
M Stainless steel:
for injection mold
H Hardness: RV50
Hole dia. 0.05
- ② **M** 銅—中空模具專用
H 硬度 Rv20
孔徑 0.35
M Brass
H Hardness:RV20
Hole dia.0.35

The micro venting hole enables to vent the gas or air from the mold which enhance the molding productivity easily and efficiently.

Trouble Shooting for:

1. Burnt
2. Overflow
3. Not enough filling
4. Blister & silver streak
5. Longer cycle time

公制：mm

Catalog No .		L
Type	D	
GAS1	4	4.5
	5	10
	6	10
GAS2	8	10
	10	10
	12	12

Mold Components

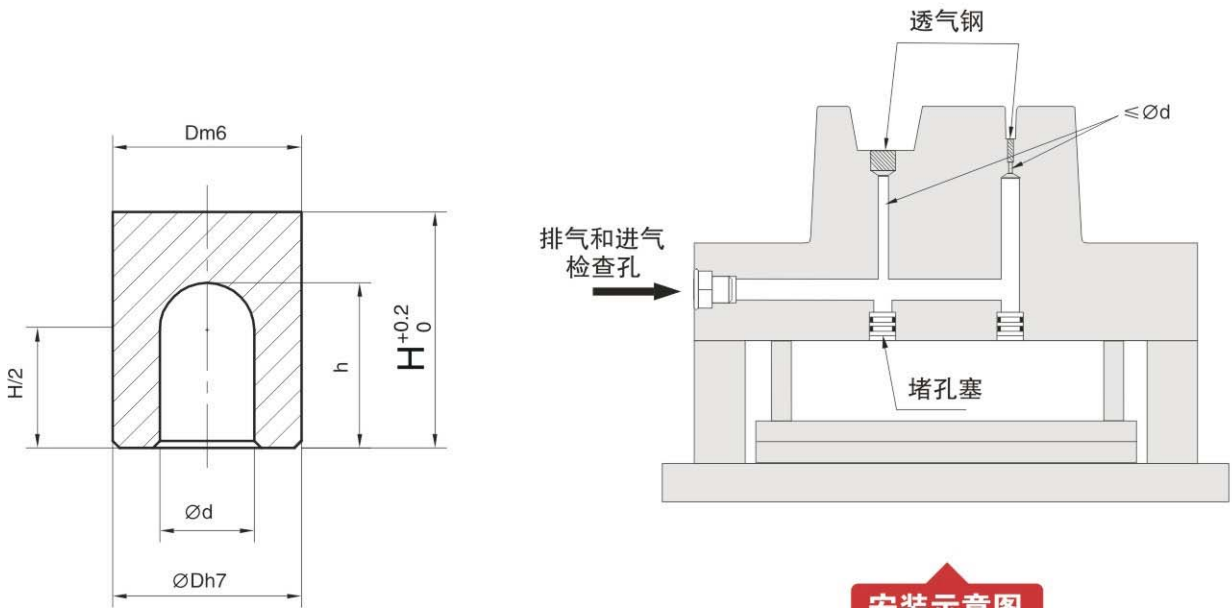
模具配件

透氣元件(Ventilating Component)



微孔直径 Micro hole dia.	10 μm	20 μm	30 μm
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考虑到圆柱体零件在安装时比较方便，在圆柱底部加工了一个内孔，这样设计大幅提高了透气面积，并缩短了溢出气体的路径。本产品可以镶嵌在模具的顶面、斜面或侧面上，安装、清洗加工等与前面描述的透气钢性能相同。



安装示意图

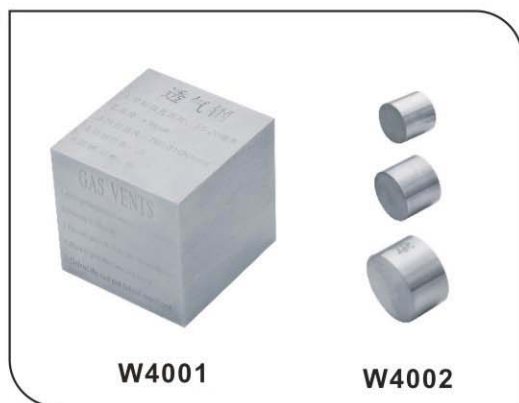
提示：安装孔的排气孔径，应小于Ød尺寸。

型号	Ø Dm6		Ø Dh7		Ø d	H	h
WDSB	4	+0.012 +0.004	4	0 -0.012	2	10	7
	5		5		3		
	6		6		4		
	8	+0.015 +0.006	8	0 -0.015	6	12	8
	10		10		8		
	12	+0.018 +0.007	12	0 -0.018	10	14	10
	16		16				
	18	+0.021 +0.008	18	0 -0.021	12	16	11
20	20						

Mold Components

模具配件

透氣鋼(Gas vent)



材质 (Material): 2Cr16-T

多孔面积 Area	25-30%
密度 Density	5.8-6.3g/CM ³
线性膨胀系数 (20-150°C) CLTE(20-150°C)	6.67 - 6.94 in./in F
热传递系数 (室温下) Heat transfer coefficient(room temp.)	16.93-19.35 BTU/ft. hr. F
屈服强度 Tensile force kgf/mm ²	70-75
拉伸强度 Bucking force kgf/mm ²	45-50
硬度 Hardness (HV)	350-400 (35-40HRC)
加工性能及防锈、防酸 Machining functionality, rust proof, acid proof	好

微孔直径 Micro hole dia.		10 μm			20 μm			30 μm		
W4001	规格 (mm)	50 × 50 × 50			75 × 75 × 30			200 × 150 × 80		
W4002	直径 (mm)	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16	Ø20	Ø28	
	高度 (mm)	10	10	10	12	12	14	15	15	

透气钢是一种优质的透气专用金属材料，其组织状态似许多微型钢球相互熔合，整体都均匀地连接成网状微孔，微孔面积达30%左右，使空气能够顺利地通过任何部位，气体直接从材料中排出。并且具有良好的机械切削性能和防锈防酸性能。广泛用于塑料模具排气及其他疏气、减压、过滤等场合（图一）。合理使用透气钢，全面了解材料性能很有必要，下面介绍关于塑料模具方面的方法和注意事项：

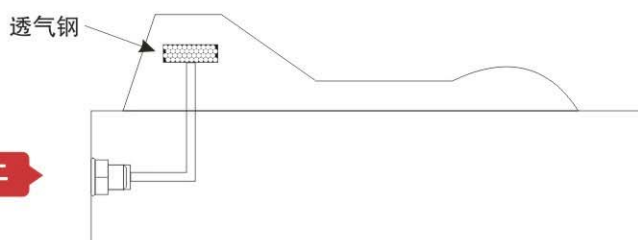
圖一



应用特性

- 1.降低注射压力，减少成型和保压时间。
- 2.由于模具分型面的紧密配合，能解决开模困难等情况。解决通常利用顶针、镶件、透气针等无法提供足够表面区域以容纳可能产生的大量气体等诸多问题，避免了利用分型面或其他排气系统而产生的飞边及其他瑕疵。透气钢有1/4的组织是通孔。
- 3.可使由于浇口偏位、壁厚不匀、壁薄产品等难成型问题得到解决和缓解。
- 4.由于成型材料高温产生的气体和模具腔内快速聚压产生的烧焦、流痕、缺料、吸气造成的零件变形等缺陷能得到充分解决。
- 5.表面皮纹的塑料零件，由于高温高压产生的亮光皮纹，能解决要求亚光的表面。
- 6.降低和消除成型件的内应力，防止产品的变形和曲翘。
- 7.提高成型生产效率，节约生产成本。
- 8.可以镶嵌在模具型芯的顶部或侧面（图二）。

圖二



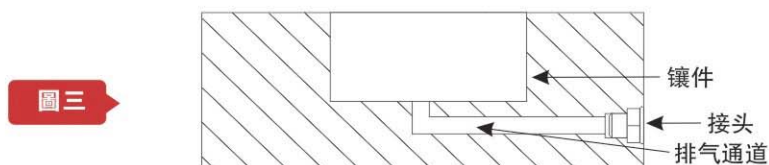
Mold Components

模具配件

透氣鋼(Gas vent)

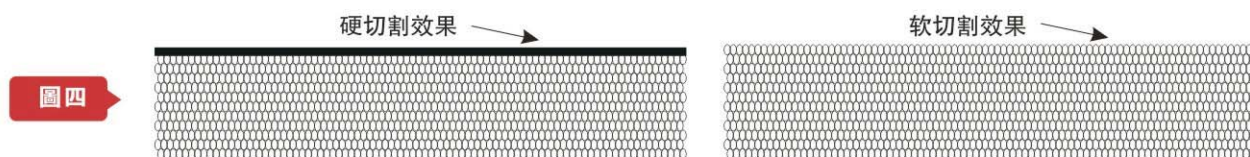
使用方法及注意

1.安装: 在模具上应合理安排位置、大小和数量。建议在动模上使用。在模具上应设计通气孔和保养用进气接头(图三)。它的作用是: 1.把气体导出模具.2.应定期接入高压空气,清除污物,以保持透气钢微孔的畅通。

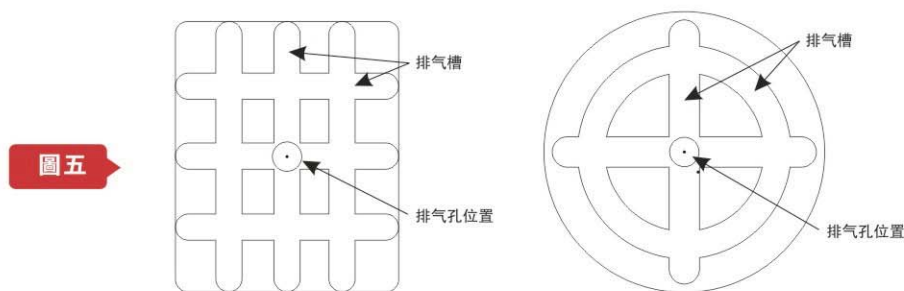


2.切削加工: 可以使用传统的机械切削的方法加工,但需要注意砂轮磨削、铣刀切削、车削、锉刀、钻孔等硬切削加工(硬切削是指对工件有强作用力的,至表面组织产生变化的切削模式),可能会堵塞微孔,按照常规计算要掩盖1/2的孔径,切削时要尽可能保证刀具的锋利。使用线切割、电脉冲和激光等的软切削加工(软切削是指对工件有轻微作用力的,但不至表面组织产生变化的切削模式),对表面的损害就很小。所以建议硬切削时应该留0.1-0.2mm用电脉冲、线切割等软切削来完成加工。(图四)

使用线切割加工时应稍提高加工速度,太慢有可能在微孔里产生电弧,容易断钼丝。另外要注意在加工时的冷却液流入材料体内,长时间会封堵微孔,应在加工完成后及时清洗。



3.透气量: 透气钢的透气量的大小和表面积成正比,表面积越大,透气量越大。高度越高,透气量越弱,应合理选择表面和高度尺寸。镶件底部需要(图五)进行排气槽的加工,以增加透气面积,一般槽的宽度视底面情况来定,尽量够宽,深度在0.05~0.15mm即可:



镶件底部加工图

4.抛光与清洗: 合理使用抛光,最理想的是用超声波机加工。光洁度最高能达到,抛光加工要注意磨削物的清理,应随时检查透气性能,最好是在装配完成后一边进气一边抛光。加工后用丙酮清洗。镶件如果用超声波加丙酮清洗,效果更佳,但必须先做好防火的安全工作。清洗后用风枪吹干,200~300摄氏度烘箱烘干1~2小时。如果采取的方法不对,可能会引起微孔的堵塞,只能采取放电0.1mm~0.2mm去掉已经加工的抛光面,重新上述程序。

5.装配注意: 装配时不应用硬物直接敲打,这样会闭塞微孔,应用硬木或紫铜等垫板敲入。

6.装配后检查: 装配后用丙酮或煤油涂在表面作为介质,利用出气孔进高压空气,检查透气效果。整个表面应都均匀、有力地冒气泡为正常。

7.修复: 在加工和使用过程中尽量避免与油、粉尘等接触,如必须接触时应该及时清洗和干燥。如发现透气性能下降,可

Mold Components

模具配件

透氣鋼(Gas vent)

以用强化机、电脉冲、激光等软加工方式弥补，并用丙酮清洗，待完全干燥后即可恢复。如果材料由于各种原因的引起严重生锈及内部堵塞、腐蚀等长期未清洗，会引起修复困难和报废。

8.冷却水的通过：在镶件上如果要通过冷却水，水道简单的直孔可以使用紫铜管等，如水道弯曲的情况下，可以使用微孔密封剂密封孔道中的微孔，具体步骤为：1.烘箱加温到150℃，时间为1小时，以便蒸发材料内部的水份或油污，再常温冷却。2.用丙酮清洗内孔，直到清洁。3.待丙酮完全蒸发后，用微孔密封剂液体注满内孔，15分钟后倒出液体，半小时换另一端孔重复注入和倒出。24小时干燥后能达到很好的防漏和耐温的效果。假如要去掉微孔密封剂，用丙酮清洗即可。

微孔密封剂

- 1.耐温：300℃
- 2.耐压：600bar
- 3.使用方法：自然渗入
- 4.硬化时间：24小时
- 5.使用条件：清洗油垢后使用
- 6.适合各种金属的毛细孔的密封

9.失效的解决：使用一段时间，透气质量下降：1.有塑料碎屑或焦油堵塞微孔，应使用合适的塑料稀释溶剂，一小时后再进高压空气检查透气质量。2.由于镶件、塑料添加剂、脱模剂等产生的油污堵塞，可由丙酮等清洗表面，再进高压空气检查效果。3.上述仍然不能解决问题，须用软加工方式修补，并用丙酮清洗，待完全干燥后即可恢复。

10.不适合的情况：不能解决流痕、花斑等问题，由于流痕等所引起的原因比较复杂，排气不良、冷料穴的大小、料口的形状和位置、模具温度、塑料的性能等。所以首先要确定是何种原因造成的。透气钢只能解决排气不良。

11.硬度的测试：由于是多孔金属，常规的硬度检测仪器不适合检测，需要用维氏硬度计（30-50克负荷）来检测实际的硬度。

注意

1. 产品出厂时有可能是磨削面，使用时应对作用的两个端面进行软加工。
2. 材料不能锻压、焊接。在需求面积不够时，应采用镶拼的方法。
3. 由于此材料构造的特殊性，强度等性能不适用压铸、铸造模具。如一定需要，请先了解材料的各项性能指数。
4. 材料表面有可能变色是由于真空处理的原因，氮气遇高温产生，不影响使用。
5. 在储存、运输过程中，要注意防止粉尘、油污等侵入。

塑料流动性能与溢料值

热塑性塑料的流动性分为三类：

- 1、流动性好（溢料值0.02~0.03）：聚乙烯、聚丙烯、聚苯乙烯、尼龙等；适宜使用10μm孔径材料。
 - 2、流动性中等（溢料值0.04~0.05）：改性聚苯乙烯、ABS、AS、有机玻璃、聚甲醛、氯化聚酯等；适宜使用20μm孔径材料。
 - 3、流动性差的（溢料值0.05~0.07）：聚碳酸酯、硬聚氯乙烯、聚苯醚、聚砒、氟塑料等；适宜使用30μm孔径材料。
- 塑料的主要成分是大分子（树脂）和添加剂。同一种塑料流动性跟它的大分子的分子量、分子量分布、支化、交联、分子链间相互作用、分子链的柔顺性等都有关系，也跟填料多少、形状（纤维、粒子、片状等）、界面作用等有关。此外，就是组分完全相同的同一种塑料，其流动性也不是固定的，跟温度、流动状态（拉伸、剪切等）有关。

加氮真空热处理参考数据（备注：以下处理表面硬度HRC50，热处理会使尺寸变小，处理前须留余量）

	装炉	升温	升温	淬火	回火
温度（℃）	550-650	850	1030	1030	150
时间（H）	0.5	0.5	1	-	4（2次）

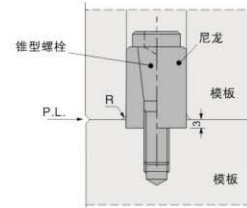
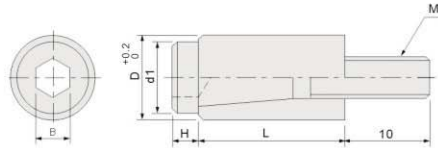
Mold Components

模具配件

鎖模扣 PLA Parting lock



通過對錐形螺栓的鎖緊，能夠調整模板與尼龍套之前的磨擦力。產品使用了特殊的尼龍材料，因此具有良好的耐磨損性和耐熱性，雖然尼龍套管的耐熱溫度為150°C，但在實際使用過程中，因其不斷受到錐形螺栓鎖緊應力的作用，會導致尼龍套管的耐用性降低，請在80°C以下使用。
It can adjust friction between template and nylon sleeve through locking taper bolt. Special nylon material is used for the product. Thus, the product has good abrasion resistance and heat resistance. Although heat resistant temperature of nylon sleeve is 150°C, it will cause durability of nylon sleeve reduce for continuous locking stress of taper bolt in actual use process. Please use it below 80°C.



材質：日本尼龍樹脂+高強合金鋼 注：負公差可定制。

Material: Japanese nylon resin + high strength alloy steel

Type	尺寸 Size					
	D	d1	M	B	L	H
PLA 10	10	8.5	M5	4	18	3
PLA12	12	11.5	M6	5	20	3.2
PLA13	13					
PLA16	16	14	M8	6	25	4
PLA20	20	18	M10	8	30	4

※安裝方法 Installation method:

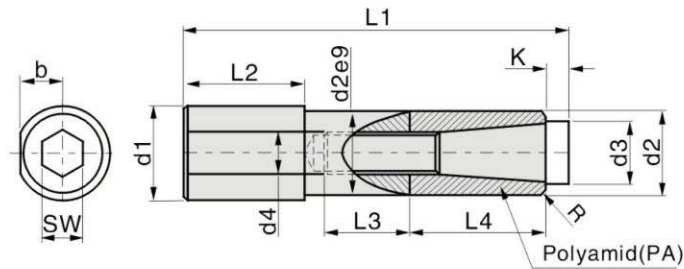
將尼龍套埋入到動模模板中3mm左右。將定模模板孔的內表面進行粗糙精加工對模板面插入口進行倒圓角R，如果進行C倒角，其耐用性會降低。

Installation method: Embed nylon sleeve in template of moving die about 3mm. Implement rough finishing on inner surface of template hole of fixed die and implement filleting R of insertion mouth of template surface. If chamfer C is implemented, its durability will reduce.

※安裝孔徑公差以JIS H7為依據

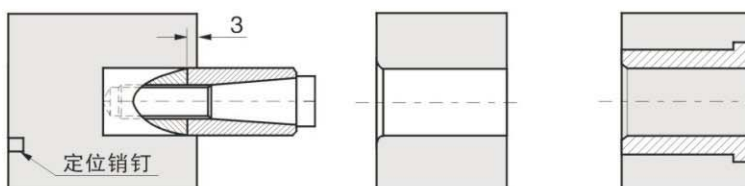
The basis of installation aperture tolerance shall be according to JIS H7.

鎖模扣 SZ172 Parting lock



Type	d2	d1	L2	L1	d3	K	L4	b	SW	d4	L3	R	Max.C
SZ172/10	10	12	22	51	8.5	2	16	5	4	M5	12	1	120
SZ172/16	16	18	23	72	13	4	25	8	6	M8	14	1.5	120

Example 使用例



Mold Components

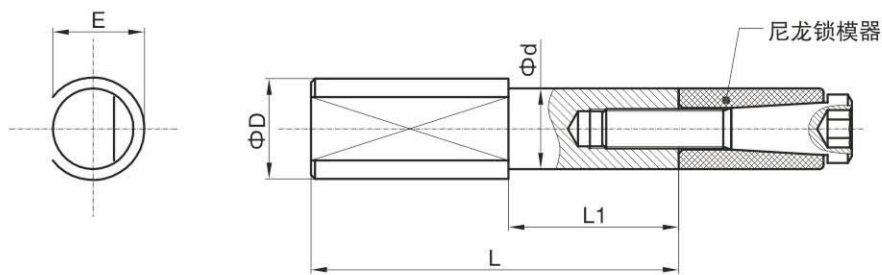
模具配件

尼龍鎖模器連接杆(Nylon Latch Lock Connecting Rod)

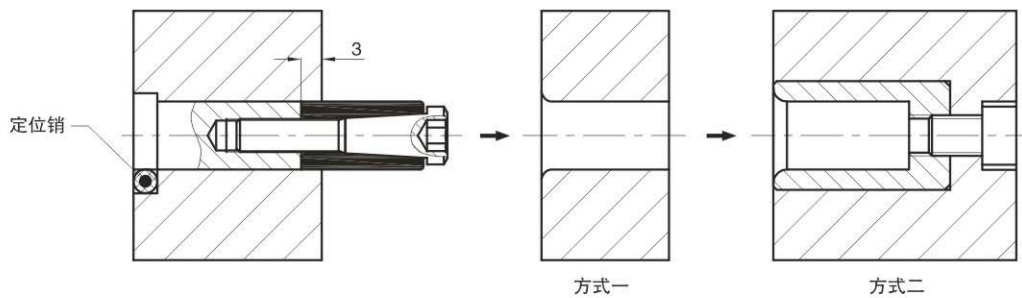


说明:

1. 安装孔可以与尼龙套孔一次性加工成型，提高同心度。
2. 可以根据要求调整尾部台阶的长度。
3. 为了防止转动，在模板上加工一个定位销槽。



安装示意图



尼龙锁模器	L	L1	ΦD	Φd	E
Φ10	50	20	12	10	11
Φ12	50	20	14	12	13
Φ13	60	20	15	13	14
Φ16	70	30	18	16	17
Φ20	80	30	22	20	21

Mold Components

模具配件

尼龍鎖模器襯套(Nylon Latch Lock)



材质：45#

特点：

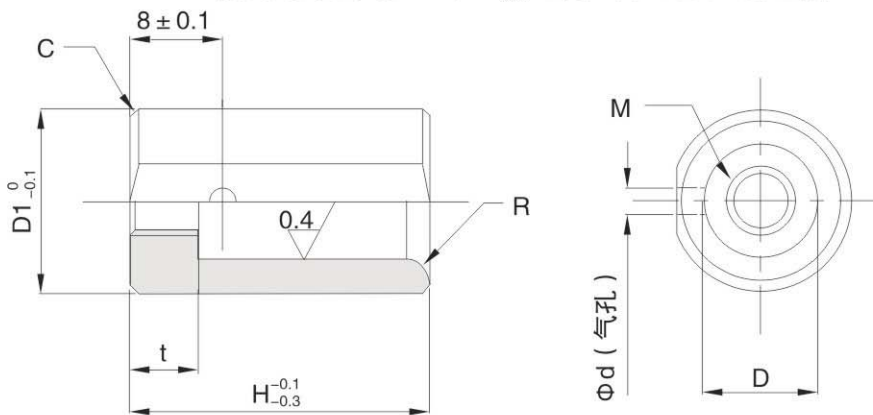
通过使用专用衬套，安装时可不用对孔进行抛光和R角加工。
因为衬套的底孔M大于螺栓头部的内六角，可插入六角扳手，简单地进行安装调整和保养维修。

注意事项：

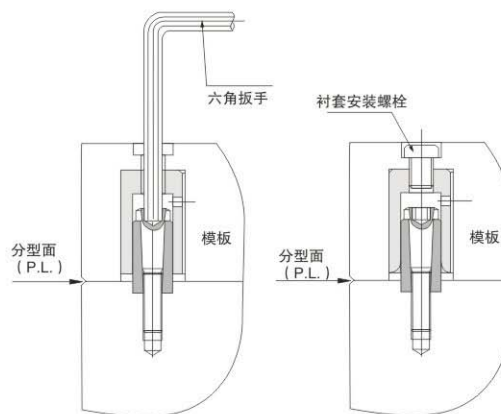
选择衬套安装螺栓的长度时，要保证在合模时螺栓不会接触到锥型螺栓，以避免螺栓相互碰撞造成破损。

安装方法

请将衬套的孔径精加工到 $D1^{+0.1}_{+0.05}$ 左右。（孔深度为 $H^{+0.1}_{+0.05}$ 左右）



安装示意图



D	D1	H	t	R	d	C	M
10	16	26	6	2	2.3	0.8	6
13	20	30	8	2.5	2.8	1.0	8
16	25	37	10	3	3	1.0	10
20	30	42	10	3	3	1.0	10

Mold Components

模具配件

開閉鎖組件 Slide Lock Set

GRLA\GRLB

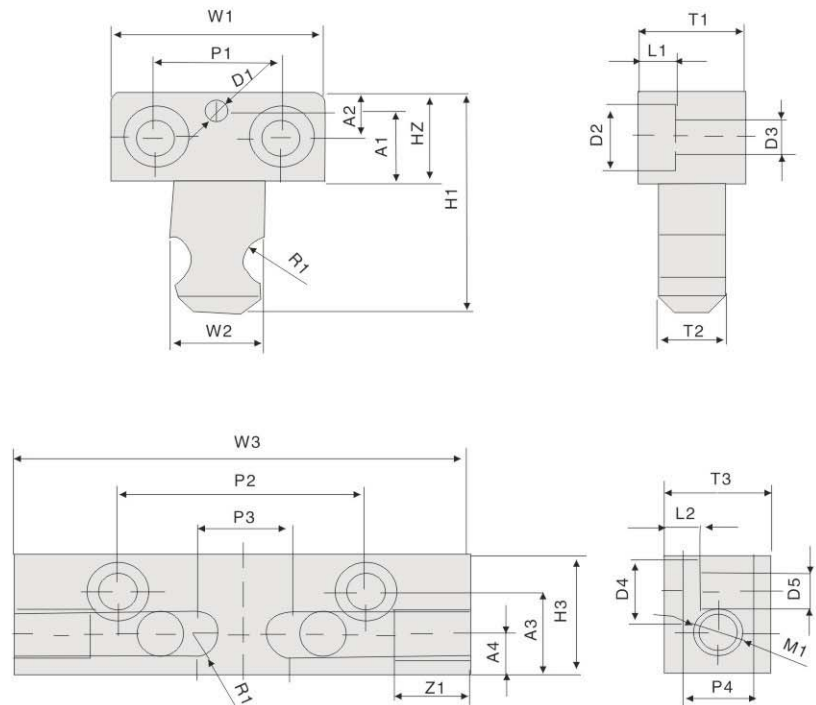


M 表面處理 黄色烤漆
H 材質 S50C
 附屬品:螺絲\定位銷

M Material:S50C
 Yellow coating
H Accessory:screw & locating pin

公制: mm

位置	Type No .	
	GRLA	GRLB
A1	20	6
A2	12.5	12
A3	23	21
A4	11	10
D1	6	5
D2	17	10.5
D3	10	6.5
D4	17	11
D5	10	6.5
H1	62.5	48
H2	25	20
H3	33	28
L1	10	6.5
L2	10	6.5
M1	M14*2.0	M12*1.75
P1	35	25
P2	70	60
P3	26	18
P4	20	12.5
R1	R6.5	R4.25
T1	30	20.5
T2	19.5	12
T3	30	20.5
W1	60	40
W2		17.5
W3		86
Z1		20



Mold Components

模具配件

机械拉钩 (标准型) (Mechanical Hook)



材质: 固定座 S50C 固定衬套 Sk3 使用温度80℃以下
Material: Base-S50C, Sleeve SK2 Working temp. below 80℃

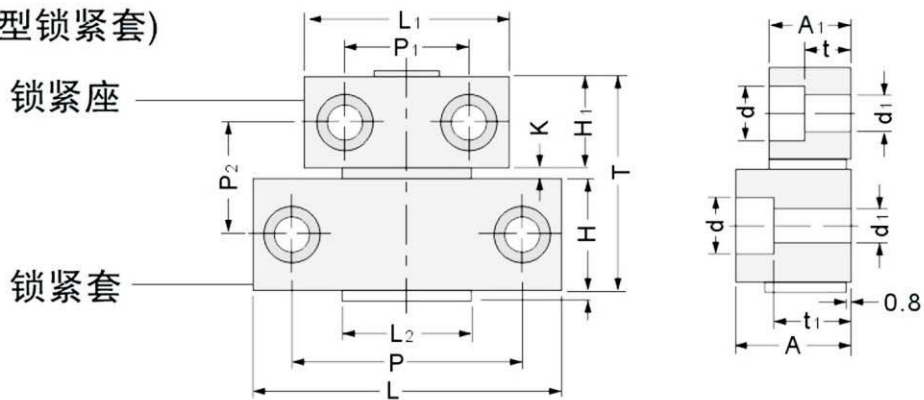
滚柱开闭方式:

1. 借由碟形弹簧、内部滚轴及滚柱的组合, 能使模具开闭呈现良好的平衡状态。
2. 借由滚轴的回转, 可以防止磨损偏掉。由于上下对称的缘故, 固定衬套即便有磨损也可将其反转再利用。
3. 由于固定座的背面有做逃料, 所以也能对应模板的间隔差距。

荷重调整与荷重特性:

1. 使用六角扳手即可调整开闭力。当锁紧调整螺栓的程度为最大荷重时, 少锁紧1/2圈会减少50%荷重, 少锁紧1圈以上会呈现0荷重的状态。
 ※MPLK10少锁紧1/2圈会降低约25%荷重。少锁紧1圈会降低约70%荷重。
2. 模具闭合时的荷重是模具打开时的50%程度之低荷重。
3. 将调整螺栓固定螺丝弄松后, 以调整螺栓来调整荷重。
4. 调整后必须调整螺栓在锁紧状态下, 锁上固定螺丝。

MPLK (标准型锁紧套)



标准型: MPLK (一般衬套)

No.	最大使用荷重 (2组常温使用时)	L	L1	L2	T	H	H1	J	K	P	P1	P2	A	A1	t	t1	d	d1	▲ 附属品 各2PCS
10	981N (100kgf)	48	36	25	42	22	18	2	2	36	24	22	24	16	9.5	18	11	6.5	CB6-20 CB6-30
20	1961N (200kgf)	54	42	25	42	22	18	2	2	40	28	22	24	16	9	16	11	6.5	CB6-20 CB6-25 CB6-30
30	2942N (300kgf)	65	46	35	48.5	25	20	3.5	3.5	50	31	26	27	19	9.5	17	11	7	CB6-30 CB6-35
60	5884N (600kgf)	73	50	35	48.5	25	20	3.5	3.5	52	33	26	27	19	9.5	17	14	9	CB8-30 CB8-35
*80S	7845N (800kgf)	73	50	35	56.5	25	20	3.5	11.5	52	33	34	27	19	9.5	17	14	9	CB8-30 CB8-35
100	9807N (1000kgf)	103	65	48	58	30	24	4	4	76	42	31	34	25	13	19	17	11	CB10-30 CB10-35

Mold Components

模具配件

机械拉钩 (加长型) (Mechanical Hook)



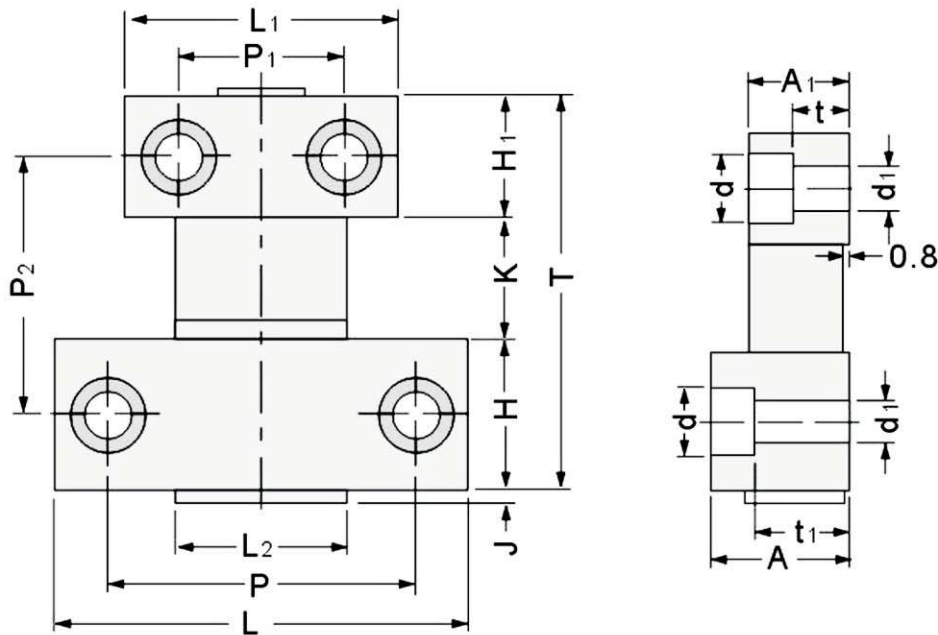
材质: 固定座 S50C 固定衬套 Sk3 使用温度80℃以下
Material: Base S50C Sleeve SK2 Working temp. below 80℃

滚柱开闭方式:

1. 借由碟形弹簧、内部滚轴及滚柱的组合，能使模具开闭呈现良好的平衡状态。
2. 借由滚轴的回转，可以防止磨损偏掉。由于上下对称的缘故，固定衬套即便有磨损也可将其反转再利用。
3. 由于固定座的背面有做逃料，所以也能对应模板的间隔差距。

荷重调整与荷重特性:

1. 使用六角扳手即可调整开闭力。当锁紧调整螺栓的程度为最大荷重时，少锁紧1/2圈会减少50%荷重，少锁紧1圈以上会呈现0荷重的状态。
 ※MPLK10少锁紧1/2圈会降低约25%荷重。少锁紧1圈会降低约70%荷重。
2. 模具闭合时的荷重是模具打开时的50%程度之低荷重。
3. 将调整螺栓固定螺丝弄松后，以调整螺栓来调整荷重。
4. 调整后必须调整螺栓在锁紧状态下，锁上固定螺丝。



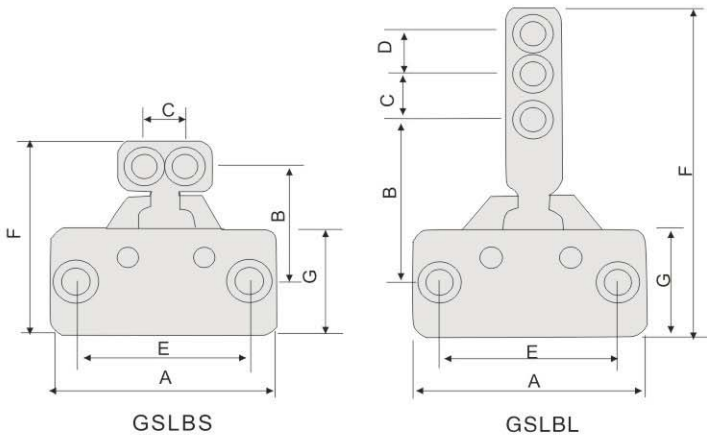
加长型: MPLK (一般衬套)

No.	最大使用荷重 (2组常温使用时)	L	L1	L2	T	H	H1	J	K	P	P1	P2	A	A1	t	t1	d	d1	▲ 附属品 各2PCS
60L	5884N (600kgf)	73	50	35	79.5	25	20	3.5	34.5	52	33	57	27	19	9.5	17	14	9	CB8-30 CB8-35
80	7845N (800kgf)	73	50	35	87.5	25	20	3.5	42.5	52	33	65	27	19	9.5	17	14	9	CB8-30 CB8-35
100L	9807N (1000kgf)	103	65	48	89	30	24	4	35	76	42	62	34	25	13	19	17	11	CB10-30 CB10-35

Mold Components

模具配件

開閉器B型、E型 Slide Lock (B、E Type)



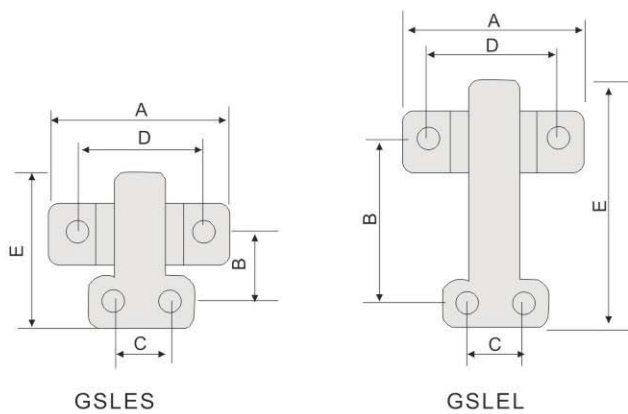
GSLBS



- M 材質 SK-2
- H 硬度 HRC58° -60°
- M Hardness:HRC58-60°
- H Material:SK-2

公制: mm

Type No .	A	B	C	D	E	F	G	拉力 Tensile force	SHCS
GSLBS	78	40	15	-	60	68	38	500kg	5/16"
GSLBL	78	58	15	15	60	116	38	500kg	5/16"



GSLES



- M 材質 SK-2
- H 硬度 HRC58° -60°
- M Hardness:HRC58-60°
- H Material:SK-2

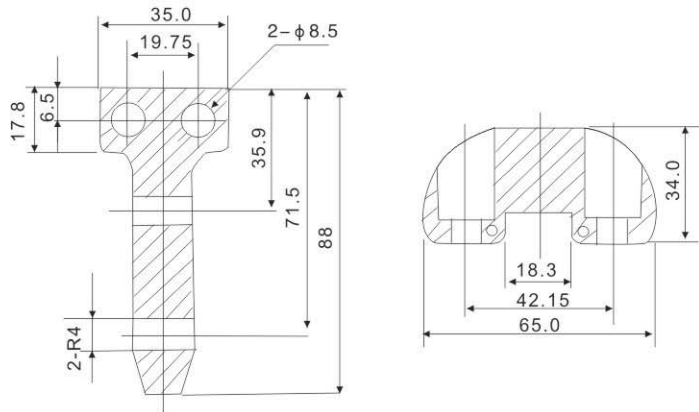
公制: mm

Type No .	A	B	C	D	E	拉力 Tensile force	SHCS
GSLES	62	28	20	45	54	400kg	5/16"
GSLEL	62	62	20	45	88	400kg	5/16"

Mold Components

模具配件

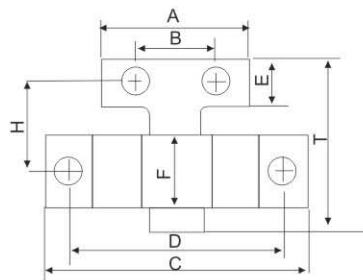
開閉器半圓型 Slide Locks



GSLA 半圓型



- M** 材質 白SUS404
- H** 硬度HRC50° -52°
- M** Material:SUS404
- H** Hardness:HRC50-52°



GSL型



裝置之功能及優點:

- 1.利用簡單之構造,可使模具完全找開與密合,且裝置簡單互換性高.
- 2.本裝置最適合三模板之針點射出,有拉斷料頭與脫模一閃完全之功能.
- 3.本裝置有四種型:GSL-2型適合5盎司以下之模具,GSL-3型適合中型模具,GSL-4型適合大型模具.
- 4.本裝置採用高級合金鋼熱處理後研磨而成.採用進口彈簧,品質可靠.

Feature & advantage:

- 1.Simple structure & high interchangeability, makes the mold close & open with no gap
- 2.Applicable for 3-plate pin-gate mold for its scrap cut-off & one-time demolding
- 3.4 types are available for this device:
 - GSL-2 for mold below 2 ounce
 - GSL-3 for the medium size mold
 - GSL-4 for big size mold
- 5.Use high-end hardened & ground alloy steel along with imported spring at reliable quality

- M** 材質 SCM21
- H** 硬度 HRC55° -60°
- M** Material:SCM21
- H** Hardness:HRC55-60°

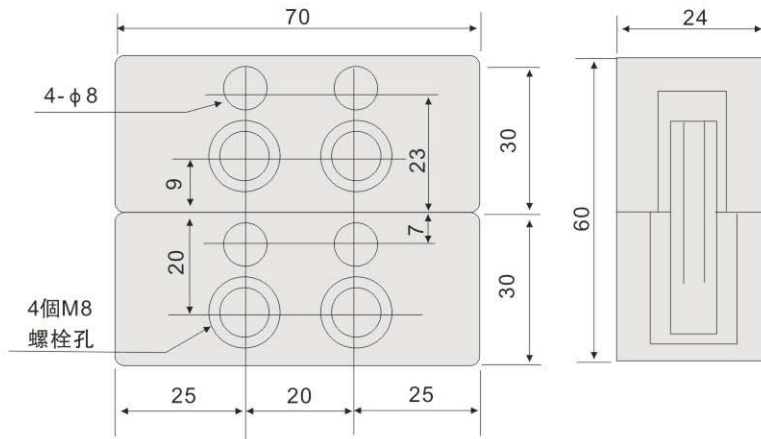
公制: mm

Type No .	A	B	C	D	E	F	H	T	孔	拉模力 kg
GSL2S	40	26	72	60	20	20	23	49	M8	250
GSL2L	36	22					66	96		
GSL3S	50	30	113	90	22	30	38	73	M10	300
GSL3L							79	118		
GSL4S	50	30	113	90	22	30	38	73	M12	400
GSL4L					25		103	135		

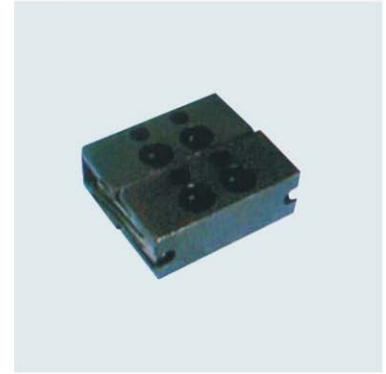
Mold Components

模具配件

强力型自動鎖模器(Best Lock 600)



GBL



材質 SCM21
Material: SCM21

最新實用强力型：

- 引張力600kg以上
- 開模次數100萬回以上
- 彈簧耐熱溫度300℃
- 開模入力10kg以下

Advantage:

- Tensile force above 600kgs
- Shooting times above 1 million times
- Spring heat endurance 300℃
- Molding power input below 10kgs

最新强力型模器之功能及說明：

1. 本產品為業者一般開閉器開模力量不够而精心設計。為一般開閉器中之扣模力量優者。
2. 本產品採用高級合金鋼精密鑄造而成，精度高、抗拉力強。
3. 利用巧妙、簡易的曲綫引張彈簧設計原理，使本產品達到入模力量小，10kg以下（不傷模具），出模力最大600kg以上（鎖模力特強）。
4. 彈簧綫採用耐熱彈簧（日本SUS631）。
5. 本產品作用力為向外兩側，且插入力很小故不傷模具，裝置時兩邊對稱，除螺絲外再以φ8固定稍固定之，故字全可靠。
6. 本扣模器使用在小水口大型模具，使用時可一次安裝2組以上。

Feature:

1. Powerful than other mold lock items in the market.
2. Made of material high-end alloy steel, high precision & tensile force.
3. Unique spring design enables the small molding power input - less than 10kgs (no harm to mold) & max. molding power output above 600kgs.
4. Spring: water-resistant spring (SUS631).
5. Applicable for big molds with small water gate. More than 2 sets are application for the in stallation.

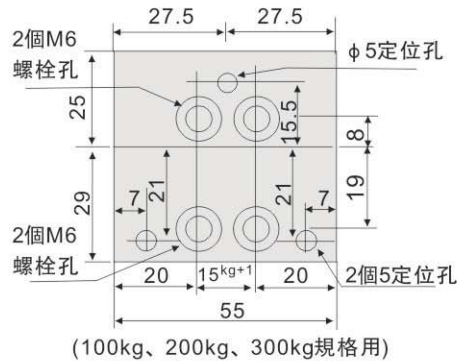
公制：mm

Type	kg
GBL	600

Mold Components

模具配件

扣模器 Slide Lock (GBLS Type)



GBLS



材質 SCM21
Material:SCM21

扣模器之功能及使用說明：

- 1.本裝置適合於三模板之針點射出模，有拉斷料額與脫模一次完成之功能。(二色成型之最適)
- 2.本產品採用精密鑄造而成，精度高，拉勾採用高級合金鋼經熱處理研磨而成。勾力特強，兩側採用之耐熱彈簧片，彈性佳，耐熱力強，有數十萬次之開模能力。
- 3.本裝置作用力向外側，故不傷模具，裝置時兩邊對稱，固定銷孔用5mm之鉸刀鉸過後，再以固定銷固定之，以增加固定性。
- 4.本裝置尺寸有一型，但扣模分為三種如下：
GBLS-100拉力模100kg
GBLS-200拉力模力200kg
GBLS-300拉力模300kg
大型模具使用時可一次安裝2組以上之扣模器

Feature:

- 1.Applicable for 3-plate pin-gate mold for its scrap cut-off & one-time demolding(especially 2-color mold)
- 2.Made by precision die casting with high precision.Puller hook is made of high-end hardened and ground alloy steel.Use heat-resistant spring on 2 sides to give good flexibility, heat-endurance and more than 100,000 shooting times.
- 3.External acting force to protect the mold.
- 4.one size but with 3 locking types available:
-GBLS10-100(tensile force 100kgs)
-GBLS10-200(tensile force 200kgs)
-GBLS10-300(tensile force 300kgs)
suggest to use more than 2 sets for the big mold

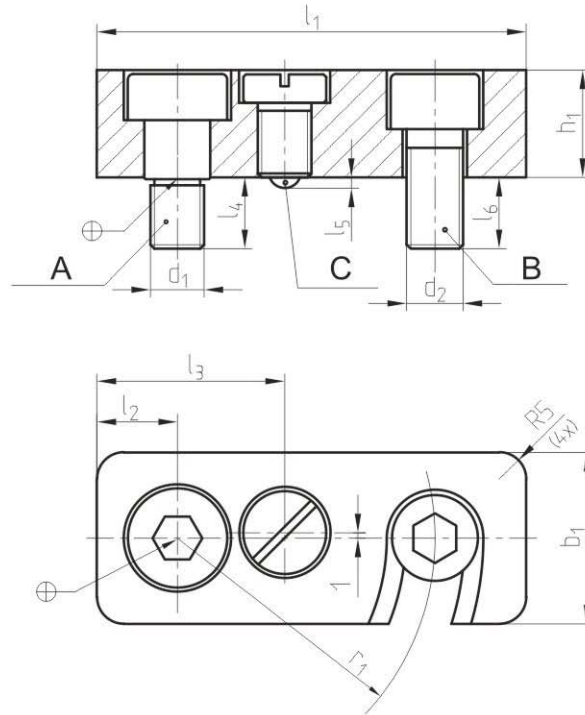
公制：mm

Type	kg
GBLS	100
	200
	300

Mold Components

模具配件

H式安全扣(Tool Safety Device)



編號(Item No.)	A	B	C	d ₁	d ₂	r ₁	l ₂	l ₃	l ₄	l ₅	l ₆	h ₁	b ₁	l ₁
SZ73/ 12×20×50	6×6	6×14	5×12	M 6	M 6	30	10	24	9	0,9	8	12	20	50
SZ73/ 16×25×63	8×10	8×18	8×16	M 8	M 8	38	13	30	11	1,5	11	16	25	63
SZ73/ 12×32×80	10×12	10×22	10×20	M10	M10	48	15	35	13	2	13	20	32	80

Mold Components

模具配件

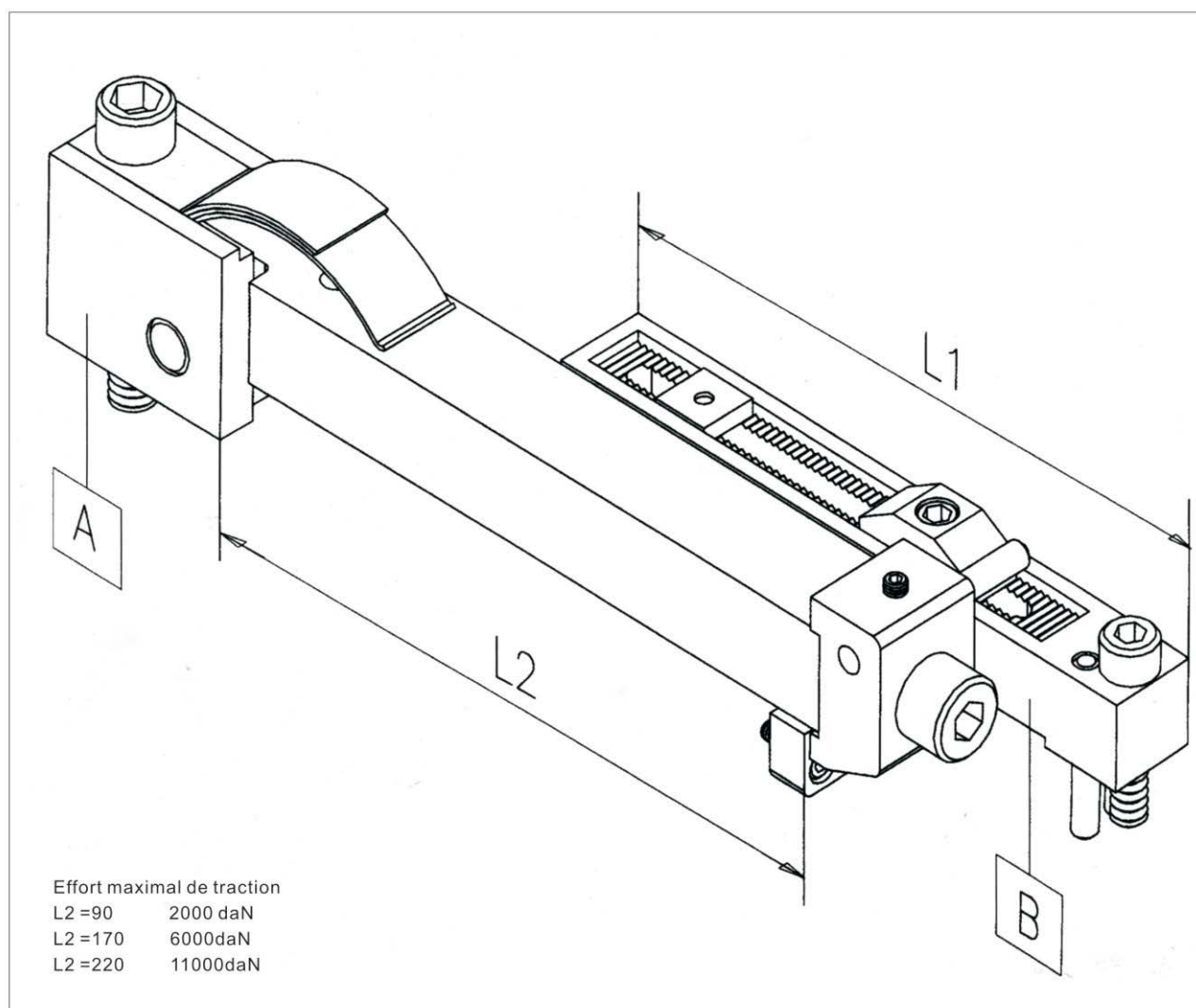
鎖模組件

QUEUE D' EJECTION

QUEUE D' EJECTION
AUSWERFER STANGE
EJE DE EXPULSION

REF. 450-451-452

MOULD OPENING DEVICE
DISPOSITIVO DI APERTURA STAMPI
TUINCO DE ABERTURA



Exemple de commande: Réf 450L1=300 → 450-300

Références	Tarif prix unitaire en EUR HT					
	ENSEMBLE		SOUS ENSEMBLE A		SOUS ENSEMBLE B	
	450		451		452	
L1	300	400	--	--	300	400
L2	270	256	270	256	--	--
	299.73	433.63	299.73	183.34	17.42	133.90

Mold Components

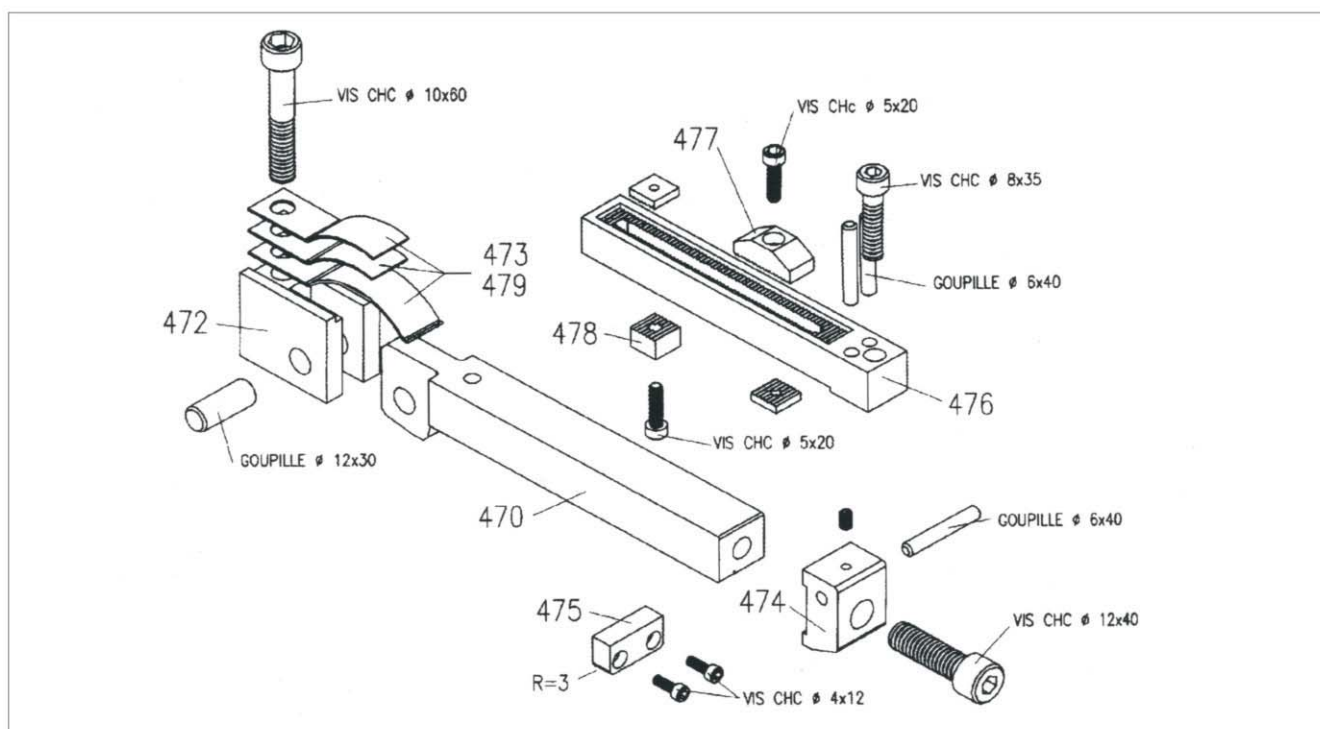
模具配件

鎖模組件

DISPOSITIF D'OUVERTURE DE MOULE (REGLABLE)
KLINKEZUG FÜR FORMENOFFNUNG
DISPOSITIVO DE APERTURA DE MOLDE FIJO

REF. 470-
-472 a 479

MOULD OPENING DEVICE
DISPOSITIVO DI APERTURA STAMPI
ACESSOIOS DE TRINCOS



Exemple de commande: Réf 480L2=256 → 480-256

Références	Tarif prix unitaire en EUR HT					
	Barif prix unitaire en EUR HT			Barre d' appui nue		
		470		476		
L1	--	--	--	140	204	254
L2	90	170	220	--	--	--
	61.29	70.66	117.42	75.40	83.22	104.03

DeSIGNATION	Tarif prix unitaire en EUR HT			Références	
	L1	L2			
Bloc	--	90		472	43.16
	--	170			
	--	220			
Ressort	--	90		473	14.94
	--	170			
	--	220			
Crochet	--	90		474	23.59
	--	170			
	--	220			
Butee fixe	--	90		475	12.57
	--	170			
	--	220			
Came	140	--		477	23.59
	204	--			
	254	--			
Talon	140	--		478	20.39
	204	--			
	254	--			

Mold Components

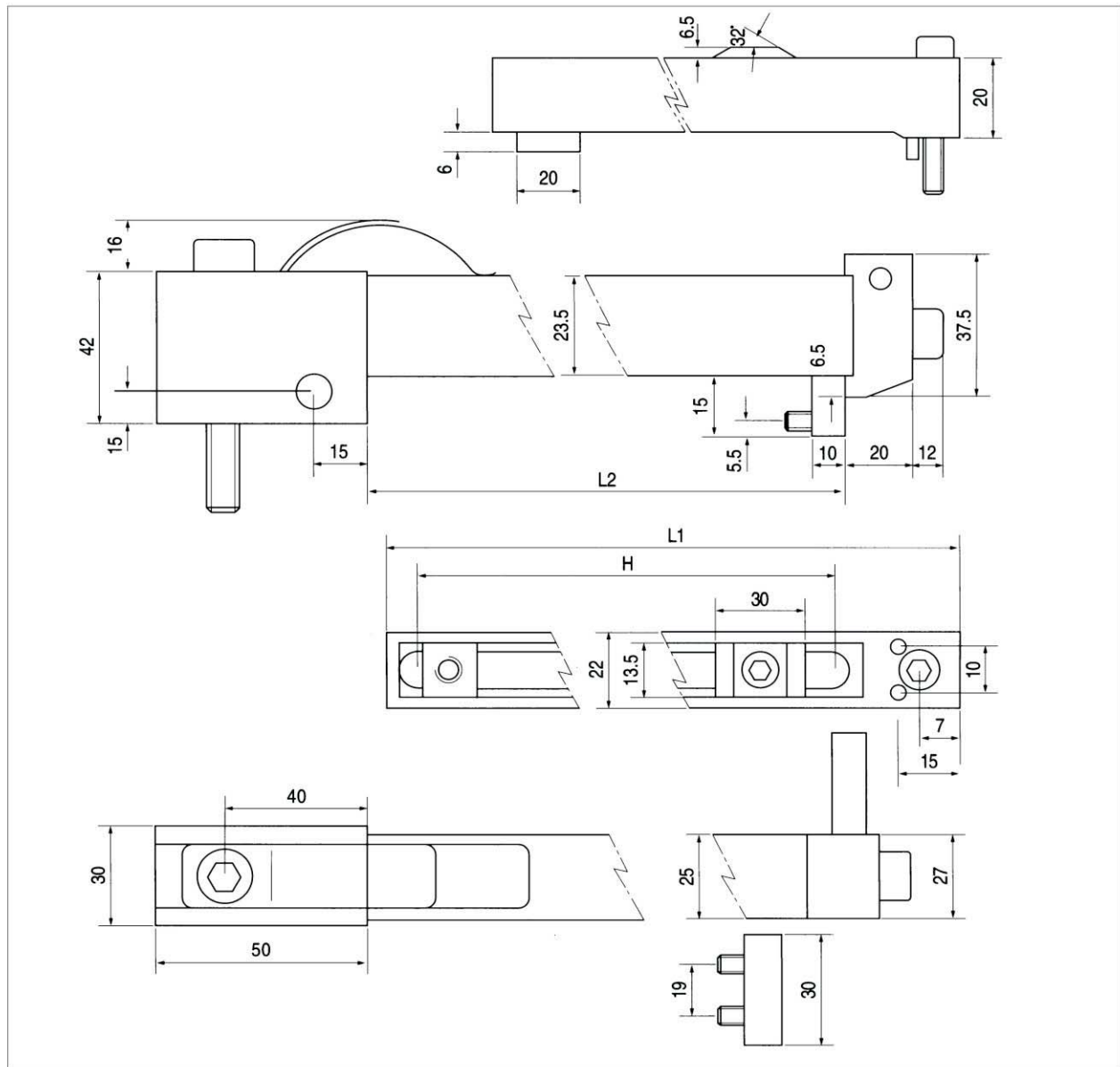
模具配件

鎖模組件 Dispositif D,Ouverture De Mould(Reglable)

REF. 470-
-472 a 479

DISPOSITIF D'OUVERTURE DE MOULD (REGLABLE)
KLINKENZUG FUR FORMENOFFUNG
DISPOSITIVO DE APERTURA DE MOLDE FIJO

MOULD OPENING DEVICE
DISPOSITIVO DI APERTURA STAMPI
ACESSOIOS DE TRINCOS



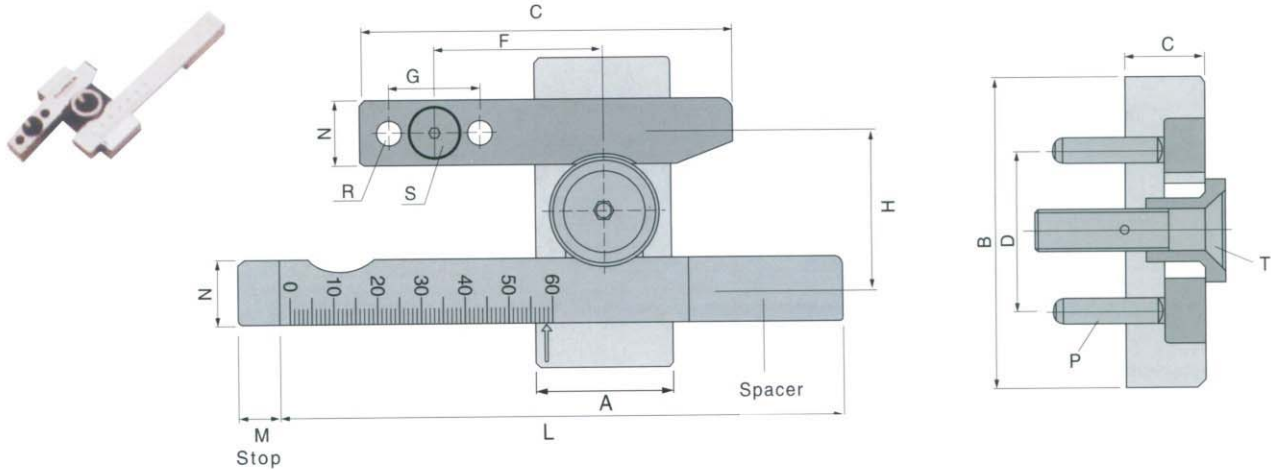
-FICHE TECHNIQUE-

L1	H
140	85
204	149
254	199

Mold Components

模具配件

鎖模扣/ Latch Lock SGS



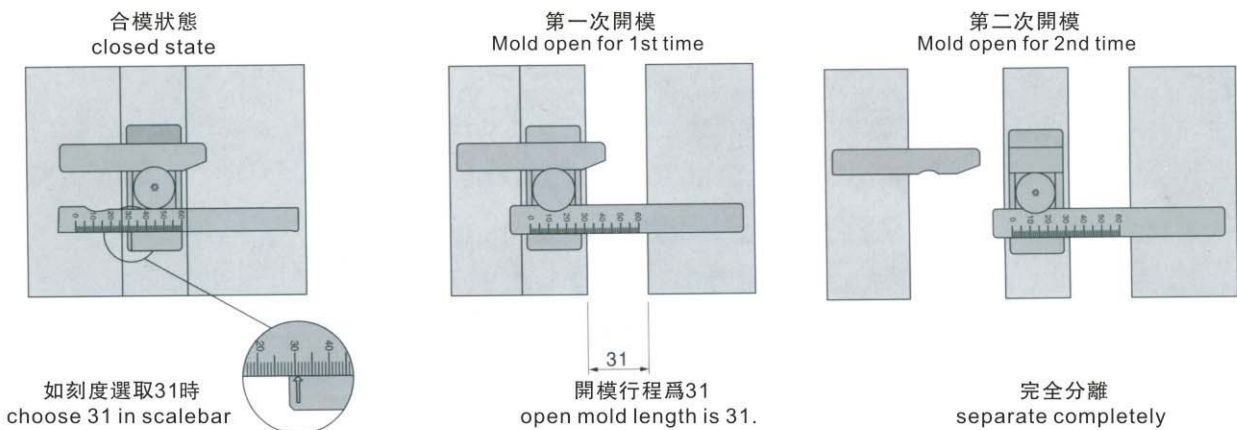
Material M材質	Hardness 硬度
1.0503	HRC55°±3°

型號/Type	尺寸/Dimension															sca
	A	B	C	D	E	F	G	H	L	M	N	P(x2)	R(x4)	S(x2)	T	
SGS-1	22	66	16	38	75	30	25	32	105	10	15	φ6x20	φ6x30	M6x30	M6x35	40
SGS-2	36	86	19	46	102	43	32	42.7	153	12	20	φ8x24	φ8x36	M8x36	M8x40	60
SGS-3	42	106	24	56	124	51	40	50.2	190	15	24.5	φ10x30	φ10x40	M10x40	M10x45	80

※注意：選擇所需的行程後，再固定墊板上的刻度杆。
Choosing the required length before fixing the scale bar of the cushion plate

Example

使用例



Mold Components

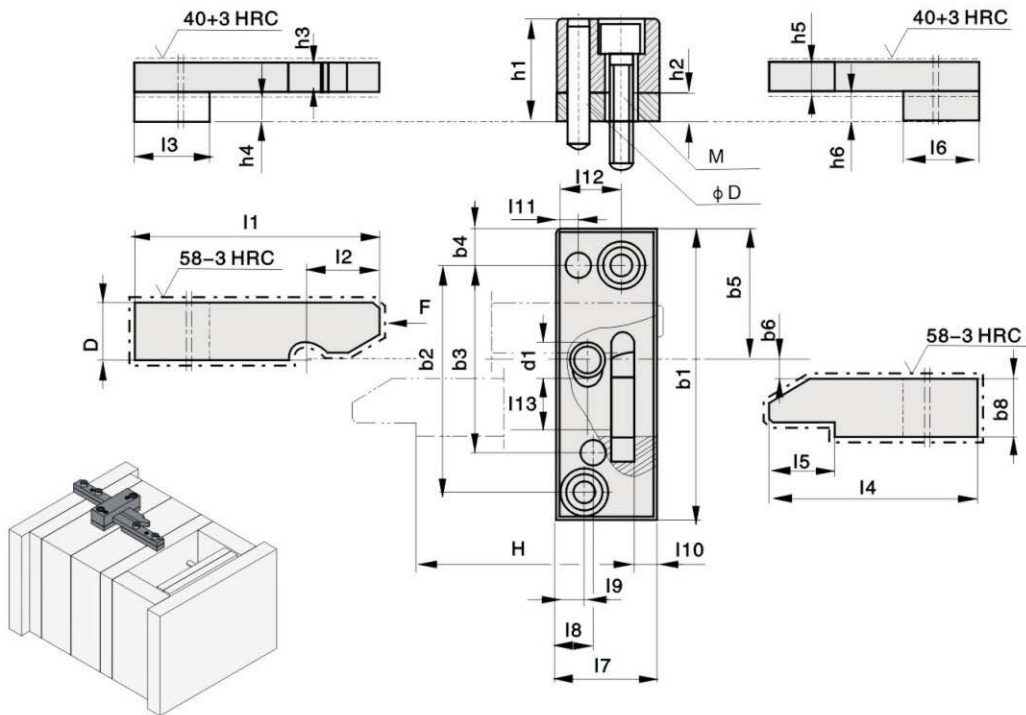
模具配件

鎖模扣 SZ170
Latch Lock



設計簡潔，容易安裝。操作時具有高度的可靠性。
經試驗和測試與Z171可以兩選一使用。

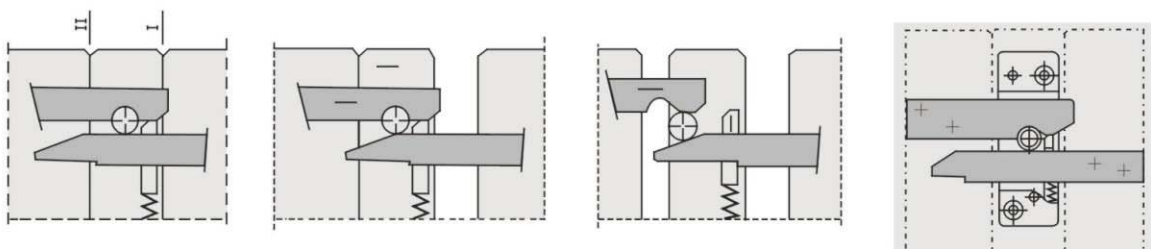
Designed simple, easy to install, the height is adjustable when operating. test proved that you can choose one from Z170 and Z171.



Type	b1	l7	b4	l11	l9	l8	l12	b5	l13	h2	l1	b7	h3	l4	b8	h5	d1	l6
Z170/1	63	22	8	5	6	8	14	28.5	7	6	100	12.5	6	125	12.5	6	8	80
Z170/2	90	34	13	8	8	18	24	45	16	7.5	140	20	12.5	160	16	12.5	12	117
Z170/3	110	42	15	9	9	22	31	55	20	12	200	25	16	250	20	16	14	125

Type	h6	l3	h4	l5	l2	l10	F[N]	Hmin	Hmax	h1	h6	b2	b3	φD	M
Z170/1	6.5	6.5	6.5	14.1	16	5	8000	5.5	80	22	4	49	40.5	Φ5x30	M5x25
Z170/2	8	8	8	17.86	22.5	5	14000	9.5	110	32.5	6	69	62	Φ6x50	M6x40
Z170/3	12.5	12.5	12.5	18	25	7	24000	10.5	190	44	7	80	80	Φ8x60	M8x45

Example
使用例

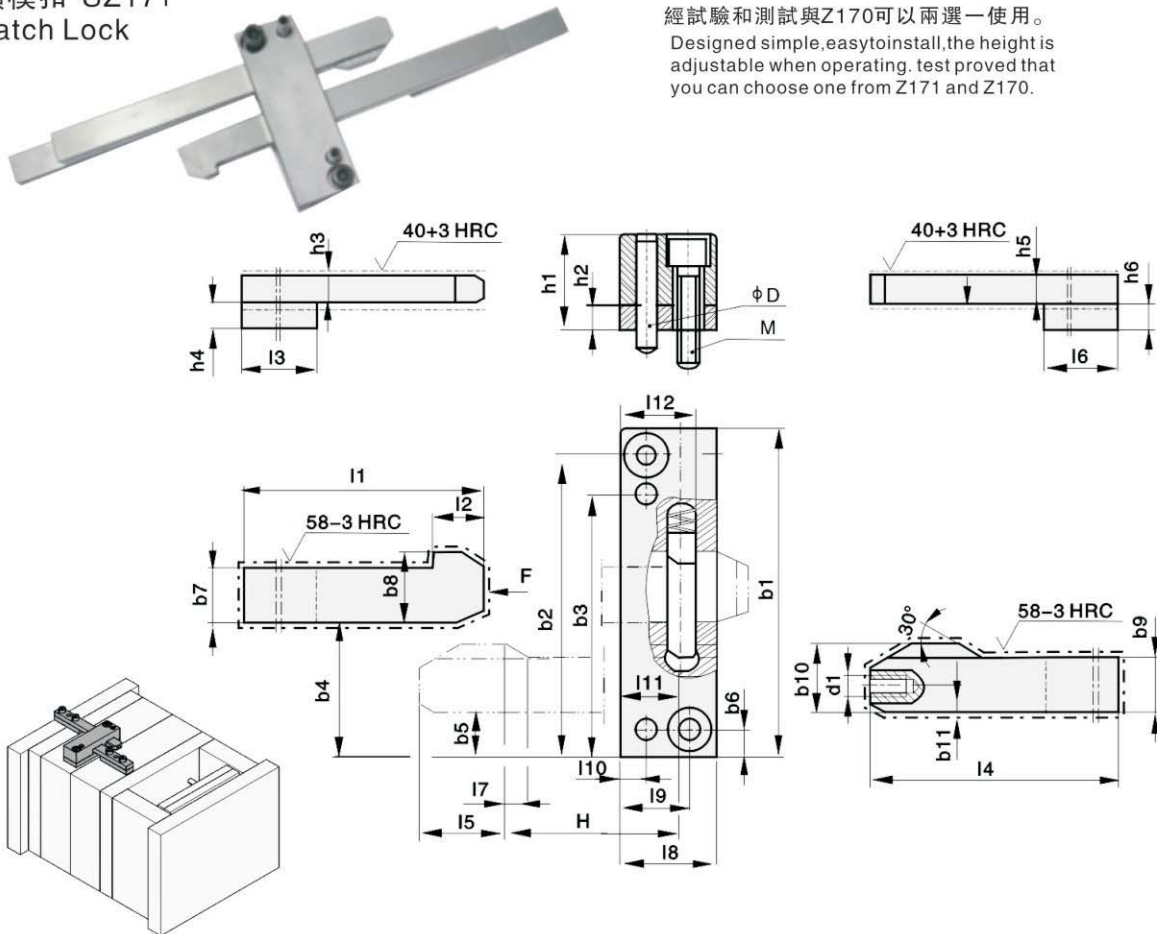


Mold Components

模具配件

鎖模扣 SZ171
Latch Lock

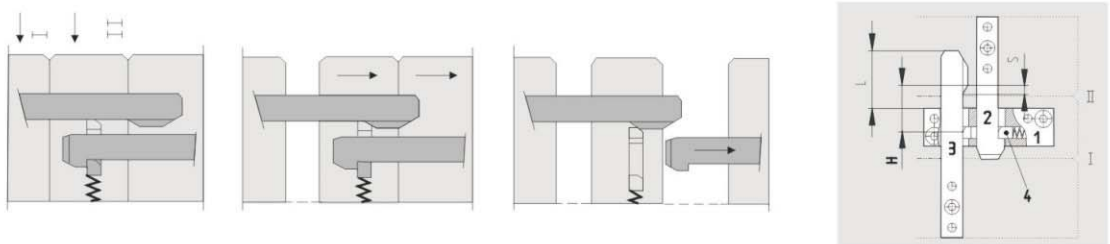
設計簡潔，容易安裝。操作時具有高度的可靠性。
經試驗和測試與Z170可以兩選一使用。
Designed simple, easy to install, the height is adjustable when operating. test proved that you can choose one from Z171 and Z170.



Type	b1	l8	l9	l10	b6	b3	b2	h2	l1	b7	b8	h3	l4	b9	b10	l5	l2	l3	h4
SZ171/1	75	22	16	6	6	60	69	6	140	12.5	16	6	140	12.5	15.5	20	12	63	6.5
SZ171/2	90	31.5	24	8	7	73	83	7.5	180	16	20.5	12.5	180	16	20	27	16	100	8
SZ171/3	112	40	30	10	9	88	103	12	250	20	25.5	16	250	20	25	36	20	125	12.5

Type	h5	b11	d1	F[N]	Hmin	Hmax	h1	h6	l6	l7	l11	l12	b4l	l12	phi D	M
SZ171/1	6	6	4	6500	5.5	80	22	6.5	63	5.2	13.5	17.5	30.5	10	Phi 5x30	M5x25
SZ171/2	12.5	7.5	8	15500	7	110	32.5	8	100	9.65	19	25	38	12	Phi 6x50	M6x40
SZ171/3	16	9.5	10	22000	9	160	43.5	12.5	125	8.7	25	32	48	16	Phi 8x60	M8x45

Example
使用例

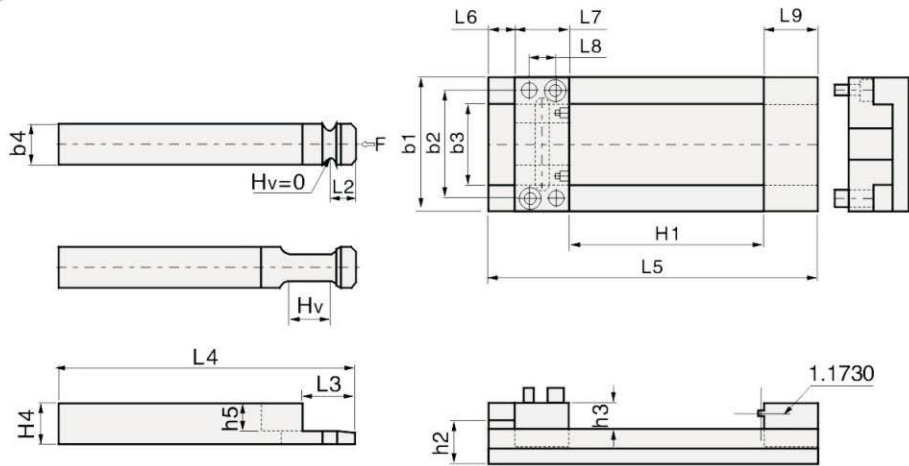
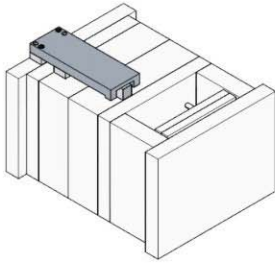


Mold Components

模具配件

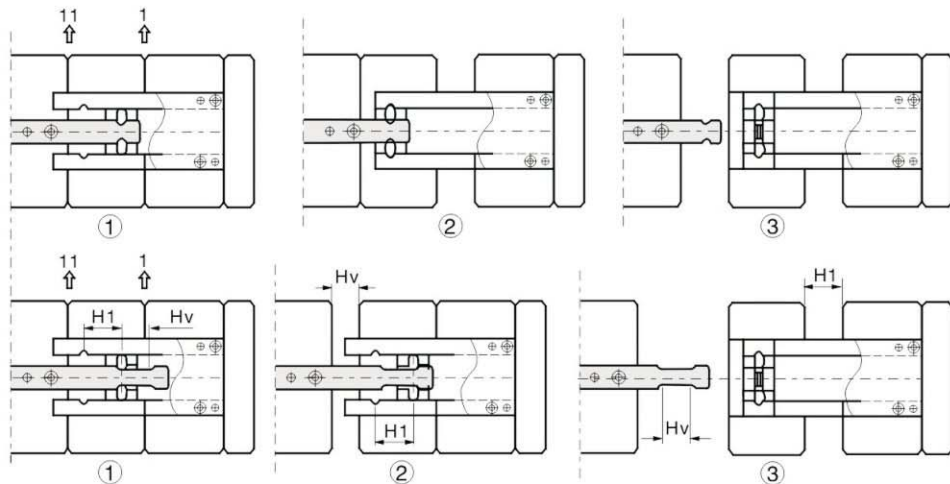
鎖模扣 SZ174 Latch Lock

特點：安裝加工簡單，機械互鎖設計，安全可靠，連體式方型定位，使產品更精準。
可根據模具荷重選擇對應產品，在模板上至少至2套并對稱使用。使用溫度範圍120°C。
Characteristics: Installation and processing are simple. Design of mechanical interlock is safe and reliable. Connecting body and square positioning make product more accurate.
People can select corresponding product according to die load. There shall be at least 2 sets on template for symmetrical use. Operating temperature range is 120°C.



Type	b1	H1	Hv	L5	L4	L3	L2	h5	h4	h3	h2	h6	b4	b3	b2	L9	L8	L7	L6	安裝螺絲	定位鋪	F(N)
Z174/50	50	90	0	140	140	20	9.75	10	16	9.3	16	22.3	15	30.05	40	20	10	20	10	M4x12	6x20	16000
			20			40																
		130	0	180	180	20																
			50			70																
Z174/80	80	117	0	200	200	34	16.75	13	21	12.3	22	30.3	20	45.05	60	34	16	34	15	M6x16	6x20	2700
			32			66																
		167	0	250	250	34																
			75			109																
Z174/100	100	145	0	250	250	45	22.25	16	27	15.5	27	37.5	25	60.05	80	45	22	45	15	M8x18	8x24	48000
			50			95																
		195	0	300	300	45																
			80			125																

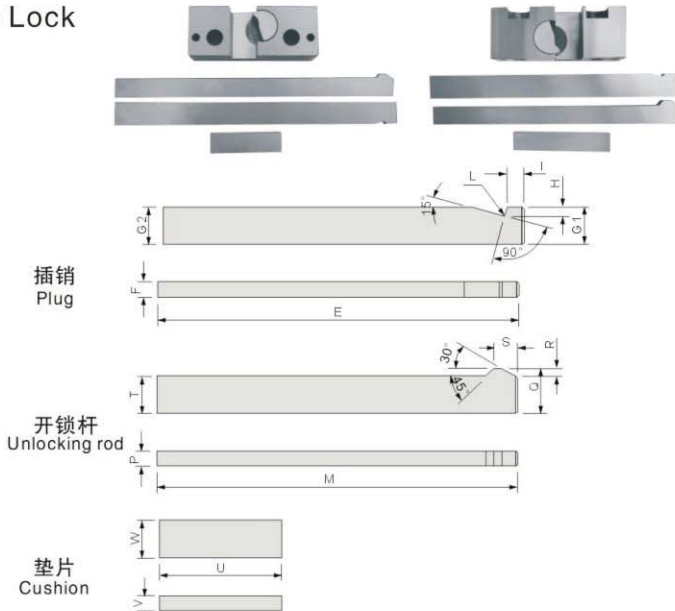
Example 使用例



Mold Components

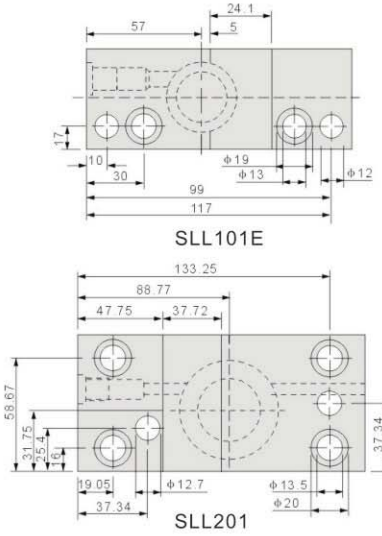
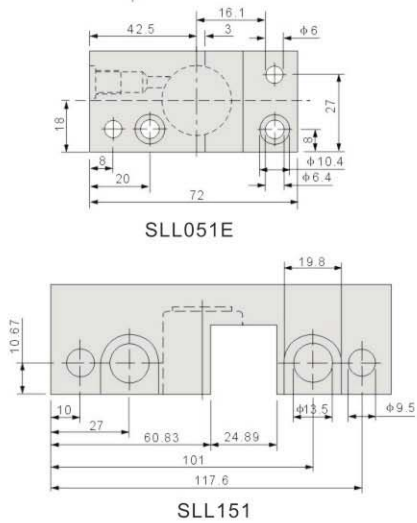
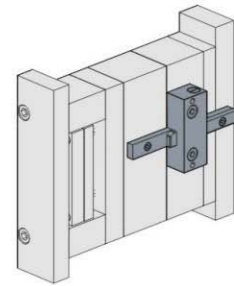
模具配件

鎖模扣 SLL Latch Lock

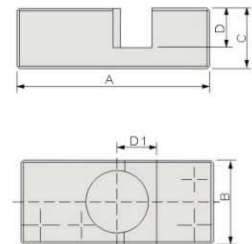


消除了打碎模具的可能情况，因為不需要任何可以改變變的調整或需要可能意外碰掉的連接。適用於一般的或重型的模具，每副模具最少需要四個鎖模扣。

To eliminate the possible break the mold, because it does not require any can be changed to adjust or may be connected to accidentally drop. Applicable to general or heavy die, each mold need at least four locking buckle.



鎖模机架
Locking blocks



Type	尺寸 Size										
	A	B	C	D NOM.	E	F	G1 NOM.	G2 NOM.	H	I NOM.	L RAD.
SLL051E	180	35	25	16.2	180	7.9	116	16	3.4	6	1
SLL101E	127	47	37	22.2	254	11.9	24	24	3.5	12	
SLL151		49.2	36.5			12.07	24.56	24.81	2.92	12.7	0.75
SLL201	152.5	74.6	61.9	38.1	406	24.77	37.21	37.46	4.75	15.9	1

Type	尺寸 Size								
	M	P	Q	R NOM.	S	T	U	V	W
SLL051E	180	7.9	16	3	3.5	12.5	55	8	12
SLL101E	254	9.9	24	4	16	20	75	12	20
SLL151		9	24.81	4.76	15.87	20.95	76.2	12.39	22.22
SLL201	406	12.07	37.46	6.98	22.22	31.87	114.3	25.27	38.1

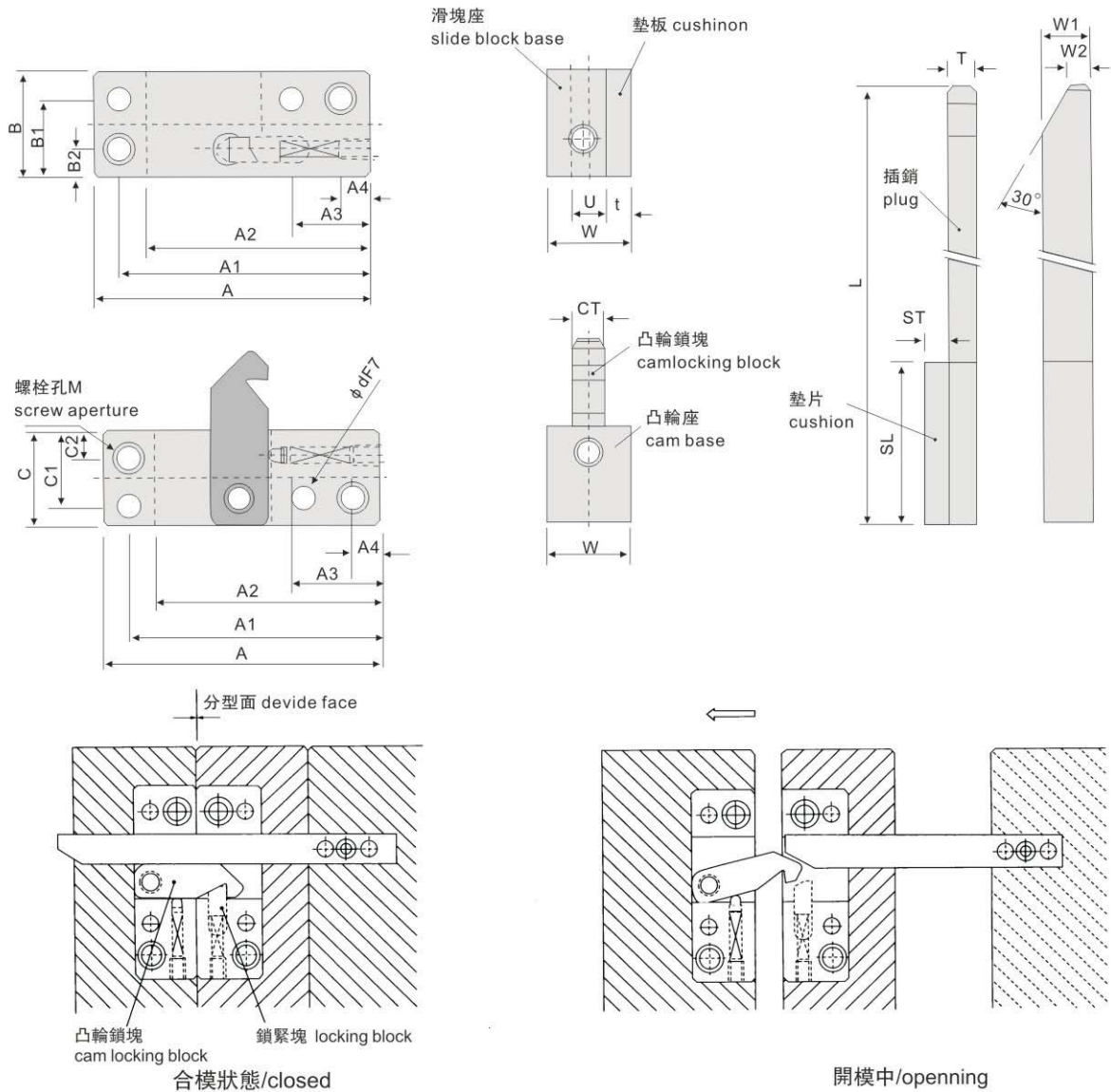
Mold Components

模具配件

鎖模扣/Latch Lock SPPL

此款產品結構小，正確開模，無反作用力。完全沒有鎖模負載，可用于低壓鎖模成形。其動作與合模順序無關。流道板先于分型面閉合時，鎖緊塊起到後退功能。

Small structure, precise mold opening, no acting force, no locking load, applicable for low pressure molding.



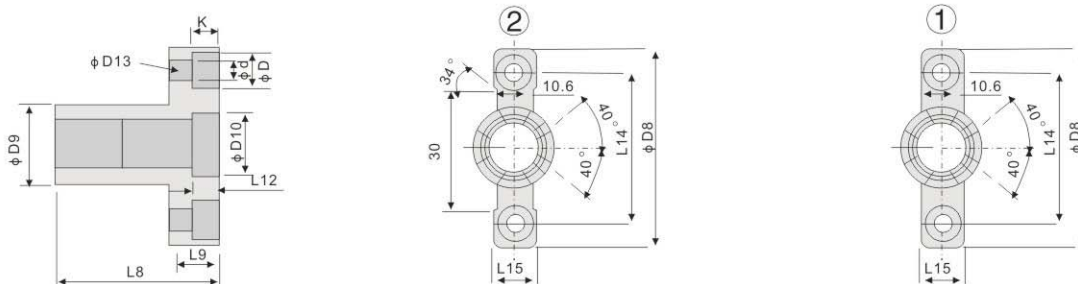
型號/Type	滑塊座			凸輪座 slide block base cam base			墊板 cushion			插銷/plug			墊片/cushion									
	A	A1	A2	A3	A4	B	B1	B2	C	C1	C2	W	U	螺栓孔M screw aperture	d	t	W1	W2	W2	L	ST	SL
SPPL (輕負載用/light load)	68	61.5	55	19	7	26	19	7	24	17	7	20	8	M6	6	6	13	5.9	7	250	6.5	40
SPPL (中負載用/medium load)	88	79	70	24	9	38	29	9	30	21	9	30	12	M8	8	7	16	8	10	300	8	50
SPPL (重負載用/heavy load)	104	93	82	27	11	48	37	11	38	27	11	45	20	M10	10	8	20	9.5	15.5	350	10.2	55

Mold Components

模具配件

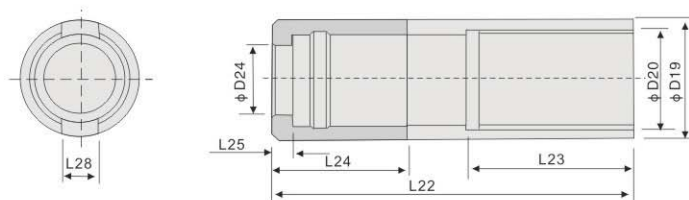
鎖模組件 Dispositif D,Ouverture De Mo uld(Reglable)

SDKL31-SDKL32



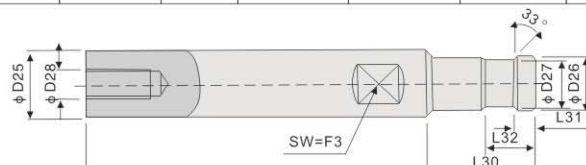
型號/Type	型號/Type (+DKL62)	尺寸 size	D8	D9	D10	L8	L9	L12	L14	L15	R1	φ D13			Metric S.H.C.S
												φ d	φ D	φ K	
SDKL31-2031②	SLD18-2032②	小型 small	54	20.6	M16x1	40	13	7	40	12.6	2.5	6.8	10.4	6.8	M6x1
SDKL31-3031①	SLD18-3032①	中型 medium	60	24.4	M19x1	51	15	8	46						
SDKL31-4031①	SLD18-4032①	大型 large	78	32.4	M24x1	38	20	10	60	17	4	8.4	13.7	8.5	M8x1.25

SDKL71-SDKL72



型號/Type	尺寸 size	行程範圍	L22	D19	D20	D24	L23	L24	L25	L28
SDKL71-2071	小型 small	5-30	86	28	M22X1.25	16	37	31.5	6	10.8
SDKL71-2072		30-55								
SDKL71-3071	中型 medium	6-41	111	34	M26x1.25	19	49	41	7	12.8
SDKL71-3072		41-76								
SDKL71-4071	大型 large	12-58	152	45	M34x1.5	26	65	56	10	17.3
SDKL71-4072		58-104								

SDKL81-SDKL82



型號/Type	尺寸 size	L29	D25	D26	D27	L30	L31	L32	F3	D28
SDKL81-2081	小型 small	140	16	12.4	9.8	21	4	6.7	13	M8x1.25
SDKL81-2082		250								
SDKL81-3081	中型 medium	160	19	14.5	11.7	24	4.6	7.6	15	m10x1.5
SDKL81-3082		280								
SDKL81-4081	大型 large	200	26	19.5	15.9	31	5.5	9.5	22	M12x1.75
SDKL81-4082		310								

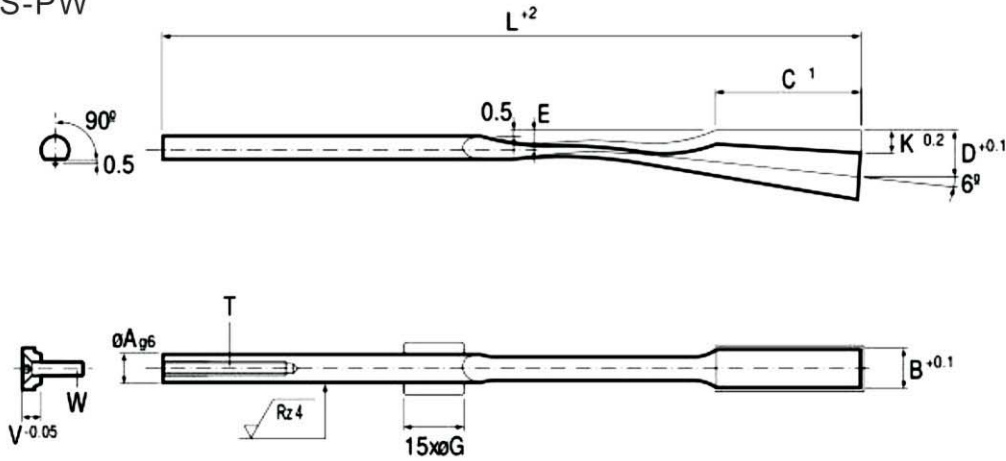


Mold Components

模具配件

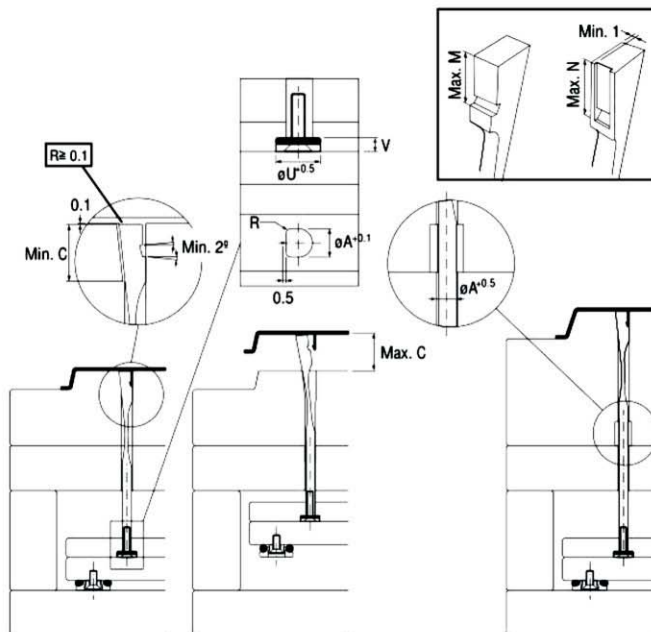
彈弓頂針 (Sprung core)

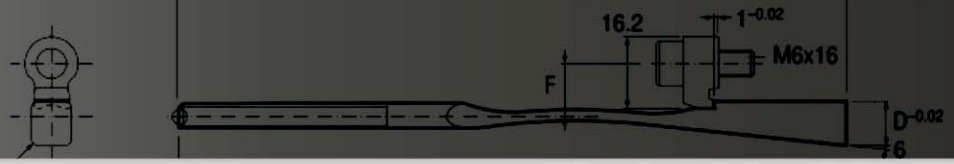
S-PW



型号	A	B	C	D	E	G	K	L	M	N	R	T	U	V	W	CS
S-PW.060622	6	6.2	22	9	3.5	-	3.5	125	16	18	1.25	M4*36	12	5	M4*16	-
S-PW.060630	6	6.2	30	10	3.5	12	4.5	175	20	26	1.25	M4*36	12	5	M4*16	•
S-PW.060822	6	8.2	22	9	3.5	-	3.5	125	16	18	1.25	M4*36	12	5	M4*16	-
S-PW.060830	6	8.2	30	10	3.5	12	4.5	175	20	26	1.25	M4*36	12	5	M4*16	•
S-PW.080825	8	8.2	25	11.5	4.5	-	4.5	140	18	21	2	M5*36	14	6	M5*16	-
S-PW.081025	8	10.2	25	11.5	4.5	-	4.5	140	18	21	2	M5*36	14	6	M5*16	-
S-PW.081030	8	10.2	30	11.2	4.5	12	4.5	175	20	26	2	M5*36	14	6	M5*16	•
S-PW.081225	8	12.2	25	11.5	4.5	-	4.5	140	18	21	2	M5*36	14	6	M5*16	-
S-PW.081230	8	12.2	30	11.2	4.5	12	4.5	175	20	26	2	M5*36	14	6	M5*16	•
S-PW.101430	10	14.2	30	13.6	5.5	16	5.5	175	20	26	2.5	M6*36	18	8	M6*16	•
S-PW.101630	10	16.2	30	13.6	5.5	16	5.5	175	20	26	2.5	M6*36	18	8	M6*16	•
S-PW.101830	10	18.2	30	13.6	5.5	16	5.5	175	20	26	2.5	M6*36	18	8	M6*16	•

使用范例：

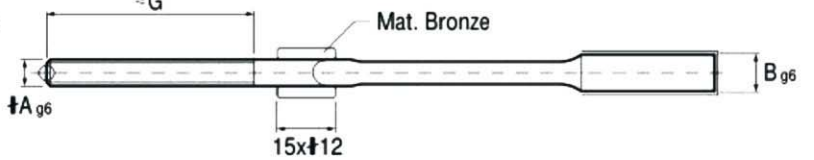
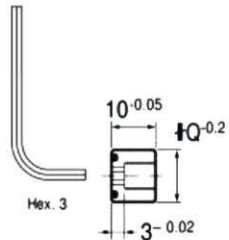
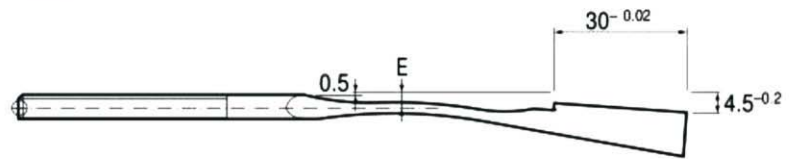
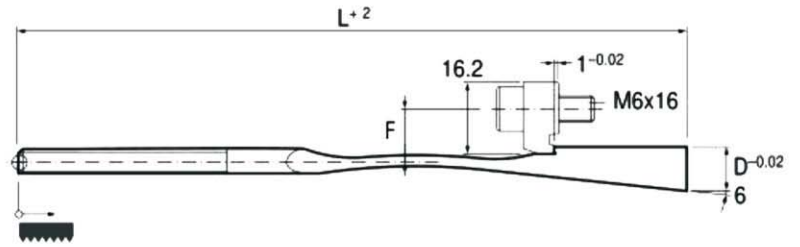
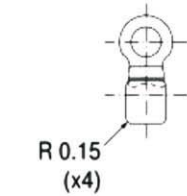




Mold Components

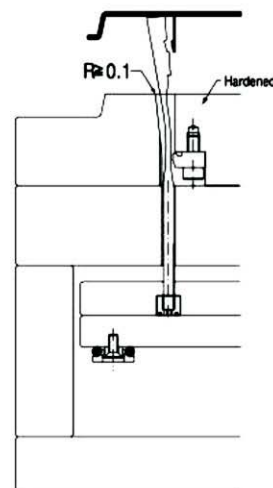
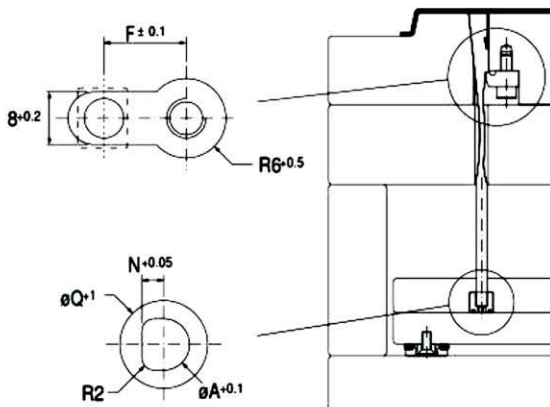
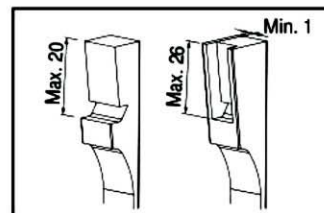
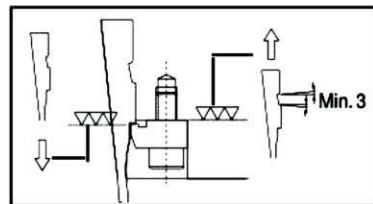
模具配件

彈弓頂針 (Sprung core)
S-PX



型号	A	B	D	E	F	L=175		L=250		L=325		N	Q
						≈G	CS	≈G	CS	≈G	CS		
S-PX.060630-..	6	6.2	10	3.5	12.5	60	-	80	•	80	•	2.5	12
S-PX.060830-..	6	8.2	10	3.5	12.5	60	-	80	•	80	•	2.5	12
S-PX.081030-..	8	10.2	11.2	4.5	13.5	60	-	80	•	80	•	3.5	14
S-PX.081230-..	8	12.2	11.2	4.5	13.5	60	-	80	•	80	•	3.5	14

使用范例：



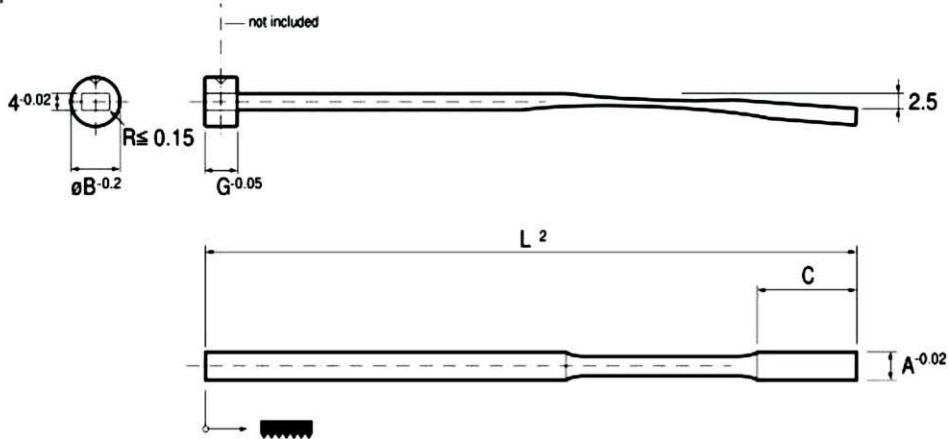


Mold Components

模具配件

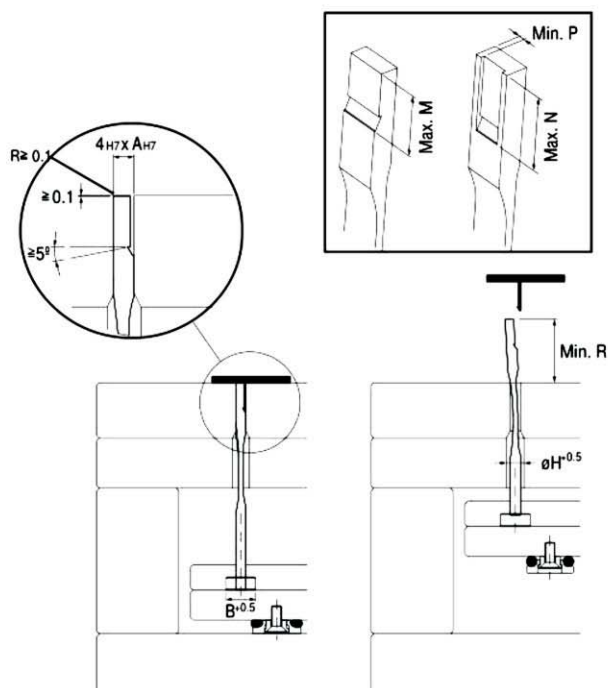
彈弓頂針 (Sprung core)

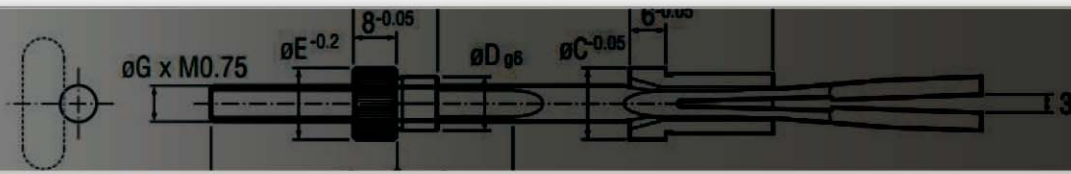
S-PF



型号	A	B	C	G	H	L	M	N	P	R	Balinit C®	Hard
S-PF.044150	4	8	24	6	6	150	12	14	0.8	30	•	52±2 HRC
S-PF.054150	5	8	24	6	6	150	12	14	0.8	30	•	52±2 HRC
S-PF.064200	6	12	30	8	7	200	18	20	1	36	•	52±2 HRC
S-PF.0642WB	6	12	30	8	7	200	18	20	1	36	-	58±2 HRC
S-PF.084200	8	14	30	8	9	200	18	20	1	36	•	52±2 HRC
S-PF.0842WB	8	14	30	8	9	200	18	20	1	36	-	58±2 HRC
S-PF.104200	10	16	30	8	11	200	18	20	1	36	•	52±2 HRC
S-PF.1042WB	10	16	30	8	11	200	18	20	1	36	-	58±2 HRC
S-PF.124200	12	18	30	8	13	200	18	20	1	36	•	52±2 HRC
S-PF.1242WB	12	18	30	8	13	200	18	20	1	36	-	58±2 HRC

使用範例：

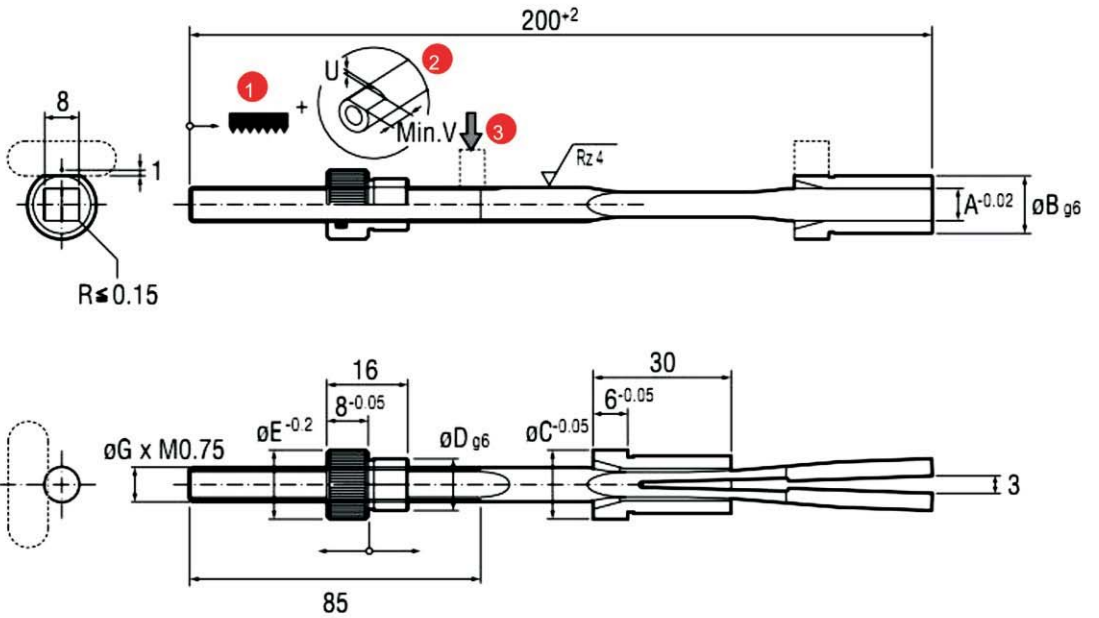




Mold Components

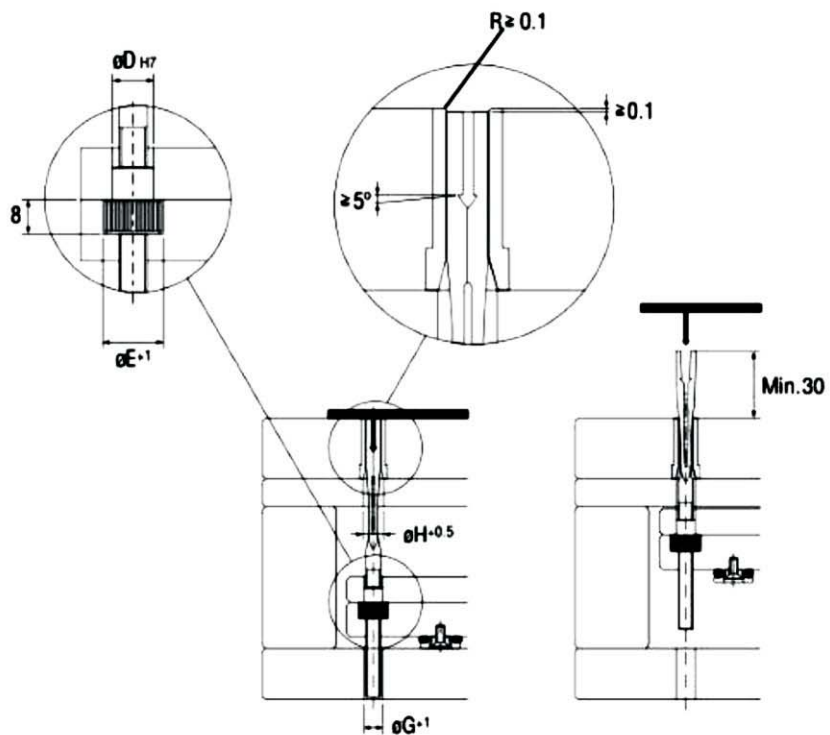
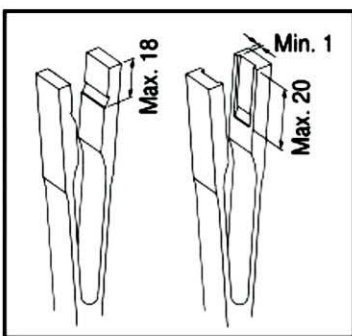
模具配件

彈弓頂針 (Sprung core)
S-ED



型号	A	B	C	D	E	G	H	U	V	Balinit C®
S-ED.068200	6	12	14	10	14	6	10	0.5	10	•
S-ED.088200	8	14	16	12	16	8	12	0.5	10	•
S-ED.108200	10	16	18	14	18	8	14	0.5	15	•
S-ED.128200	12	16	18	16	20	8	15	0.5	15	•

使用范例：

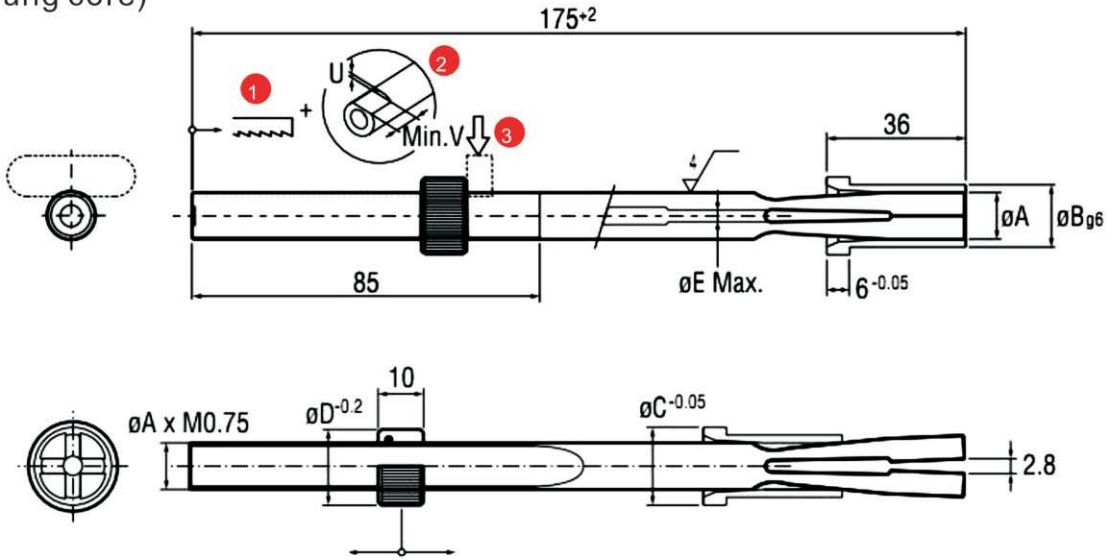




Mold Components

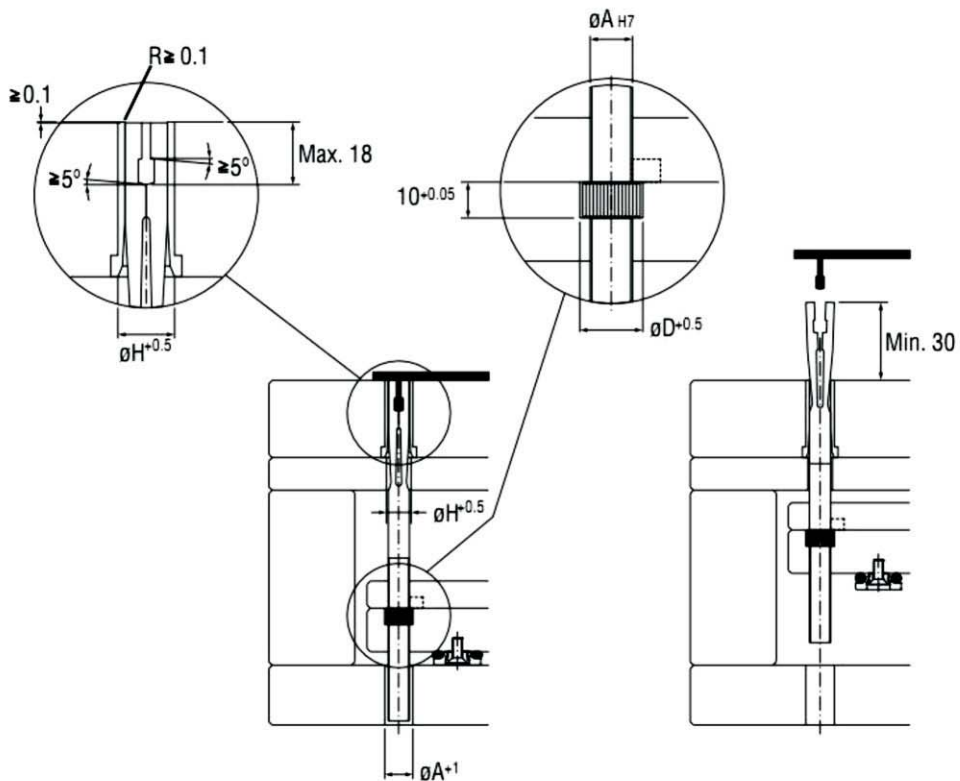
模具配件

彈弓頂針 (Sprung core)
S-EE



型号	A	B	C	D	E	H	U	V
S-EE.060175	6	162.5	9.0	3.5	22	12.5	24.3	88
S-EE.082175	8	162.5	9.0	3.5	22	12.5	24.3	88
S-EE.103175	10	200.0	11.5	4.5	26	16.5	26	111
S-EE.124175	12	200.0	11.5	4.5	26	16.5	26	111
S-EE.168175	16	200.0	12.5	4.5	30	20.5	28.5	107

使用范例：

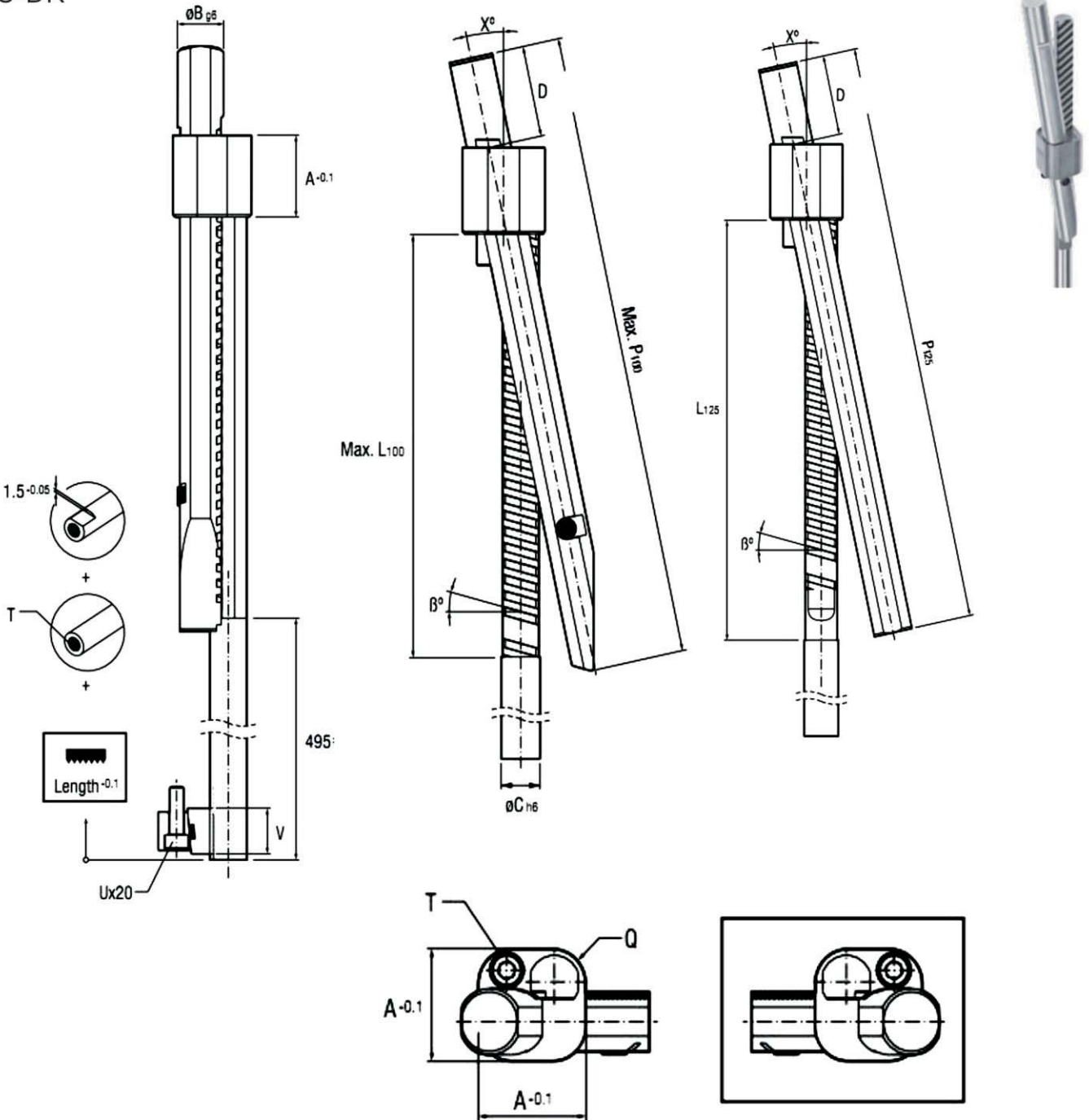




Mold Components

模具配件

雙齒條斜頂 (Double Rack Lifter)
S-DR

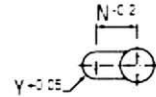
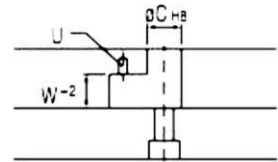
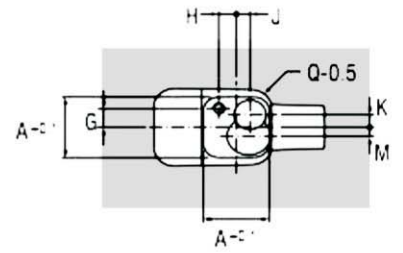
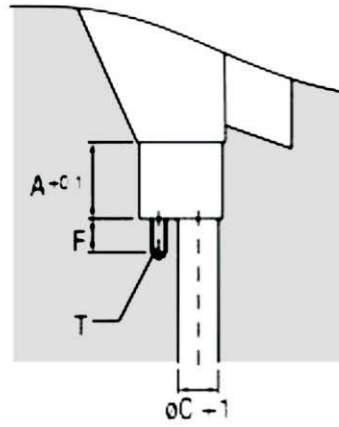
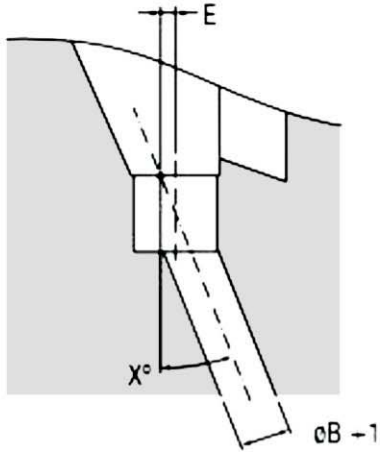


Stroke100	Stroke125	X°				A	B	C	D	L100	P100	L125	P125	Q	T	U	V
S-DR.22100I-X	S-DR.22125L-X	8	12	16	20	22	12	12	30	152	194	202	254	6.5	M6	M5	17
S-DR.28100I-X	S-DR.28125L-X	8	12	16	20	28	16	14	36	185	230	194.5	254	8.5	M8	M5	17
S-DR.34100I-X	S-DR.34125L-X	8	12	16	20	34	20	20	36	196	246	188.5	260	10.5	M8	M6	19
S-DR.40100I-X	S-DR.40125L-X	8	12	16	20	40	22	22	36	208	266	195	270	10.5	M10	M6	19
S-DR.45100I-X	S-DR.45125L-X	8	12	16	20	46	24	24	42	220	278	201.3	280	10.5	M12	M6	19

Mold Components

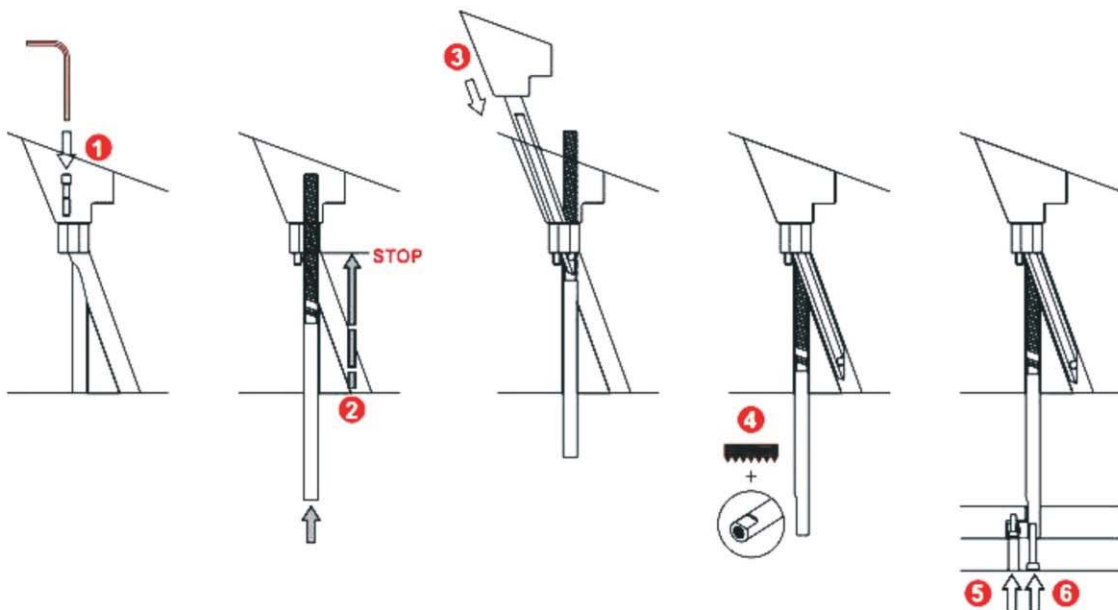
模具配件

安装尺寸:



Stroke 100	Stroke 125	E	F	G	H	J	K	M	N	W	Y	Z
S-DR.22100L-	S-DR22125L- S-KR.22125L-	3.5	13	5.6	5.6	4.2	3.7	4.2	19.6	18	7	M6
S-DR.28100L-	S-DR28125L- S-KR.28125L-	4.8	16	7.5	7.5	5	5.4	4.8	20.6	18	7	M6
S-DR.34100L-	S-DR34125L- S-KR.34125L-	6	16	10.5	8	7	7	5	22.4	20	8	M8
S-DR.40100L-	S-DR40125L-	7	20	11	11	7	8	7	24.4	20	8	M8
S-DR.45100L-	S-DR46125L-	9	25	13	13	8	8	9	26.4	20	8	M8

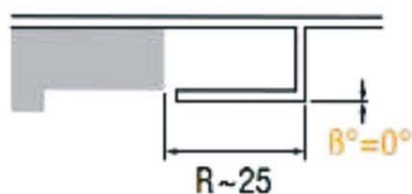
使用范例:



Mold Components

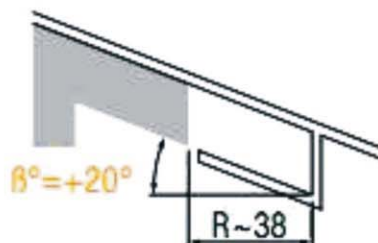
模具配件

0° 角度 $\beta=0$



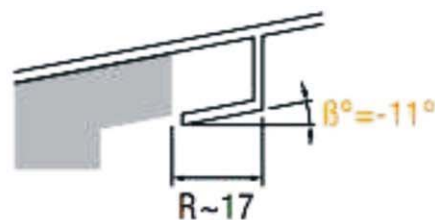
K-DR.XX100L-16or K-DR.XX125L-12
K-KR.XX125L-12

正角度 $\beta>0$



K-DR.XX100L-20or K-DR.XX125L-16
K-KR.XX125L-16

负角度 $\beta<0$



K-DR.XX100L-12or K-DR.XX125L-8
K-KR.XX125L-8

β°	K-DR.XX100L-8		K-DR.XX100L-12		K-DR.XX100L-16		K-DR.XX100L-20	
	S(- β°)	S(+ β°)	S(- β°)	S(+ β°)	S(- β°)	S(+ β°)	S(- β°)	S(+ β°)
0	14		21.2		28.6		36.4	
1	14.0	14.0	21.1	21.3	28.5	28.8	36.1	36.6
2	13.9	14.1	21.1	21.4	28.3	28.9	35.9	36.8
3	13.6	14.1	21.0	21.5	28.2	29.1	35.7	37.1
4	13.9	14.1	20.9	21.5	28.1	29.2	35.4	37.3
5	13.8	14.2	20.8	21.6	27.9	29.4	35.0	37.8
6	13.8	14.2	20.7	21.7	27.8	29.5	35.0	37.8
7	13.8	14.3	20.7	21.8	27.7	29.7	34.8	38.1
8	13.7	14.3	20.6	21.9	27.5	29.8	34.6	38.3
9	13.7	14.3	20.4	22.0	27.2	30.2	34.2	38.6
10	13.7	14.4	20.4	22.0	27.2	30.2	34.2	38.8
11	13.6	14.4	20.4	22.1	27.1	30.3	33.9	39.1
12	13.6	14.4	20.3	22.2	27.0	30.5	33.7	39.4
13	13.6	14.5	20.2	22.3	26.8	30.7	33.5	39.7
14	13.5	14.5	20.1	22.4	26.7	30.8	33.3	40.0
15	13.5	14.6	20.1	22.5	26.6	31.0	33.1	40.3
16	13.5	14.6	20	22.6	26.5	31.2	32.9	40.6
17	13.4	14.6	19.9	22.7	26.3	31.4	32.7	40.9
18	13.4	14.7	19.8	22.8	26.2	31.6	32.5	41.2
19	13.4	14.7	19.8	22.9	26.1	31.8	32.3	41.6
20	13.3	14.8	19.7	23	25.9	32	32.1	41.9
21	13.3	14.8	19.6	23.1	25.8	32.2	31.9	
22	13.2	14.9	19.5	23.2	25.6	32.4		
23	13.2	14.9	19.4	23.3	25.5	32.6		
24	13.2	14.9	19.4	23.4	25.4	32.8		
25	13.1	15.0	19.3	23.5	25.2	33.1		
26	13.1	15.0	19.2	23.7	25.1	30.9		
27	13.1	15.1	19.1	23.8	25.0	30.7		
28	13.0	15.1	19.0	23.9	24.8	30.4		
29	13.0	15.2	19.0	24.0	24.7	30.2		
30	12.9	15.2	18.9	24.2	24.6	30.0		
31	12.9	15.3	18.8		24.4	29.8		
32	12.9	15.4	18.7		24.3	29.6		
33	12.8	15.4	18.6		24.1	29.4		
34	12.8	15.5	18.5		24.0	29.2		
35	12.7	15.5	18.5		23.8	29.0		
36	12.7		18.4		23.7	28.7		
37	12.7		18.3		23.5	28.5		
38	12.6		18.2		23.4	28.3		
39	12.6		18.1		23.1	28.1		
40	12.5		18		23.1	27.8		
41	12.5		17.9		22.9	27.6		
42	12.4		17.8		22.7	27.4		
43	12.4		17.7		22.6	27.1		
44	12.3		17.6		22.4	26.9		
45	12.3		17.5		22.2	26.6		

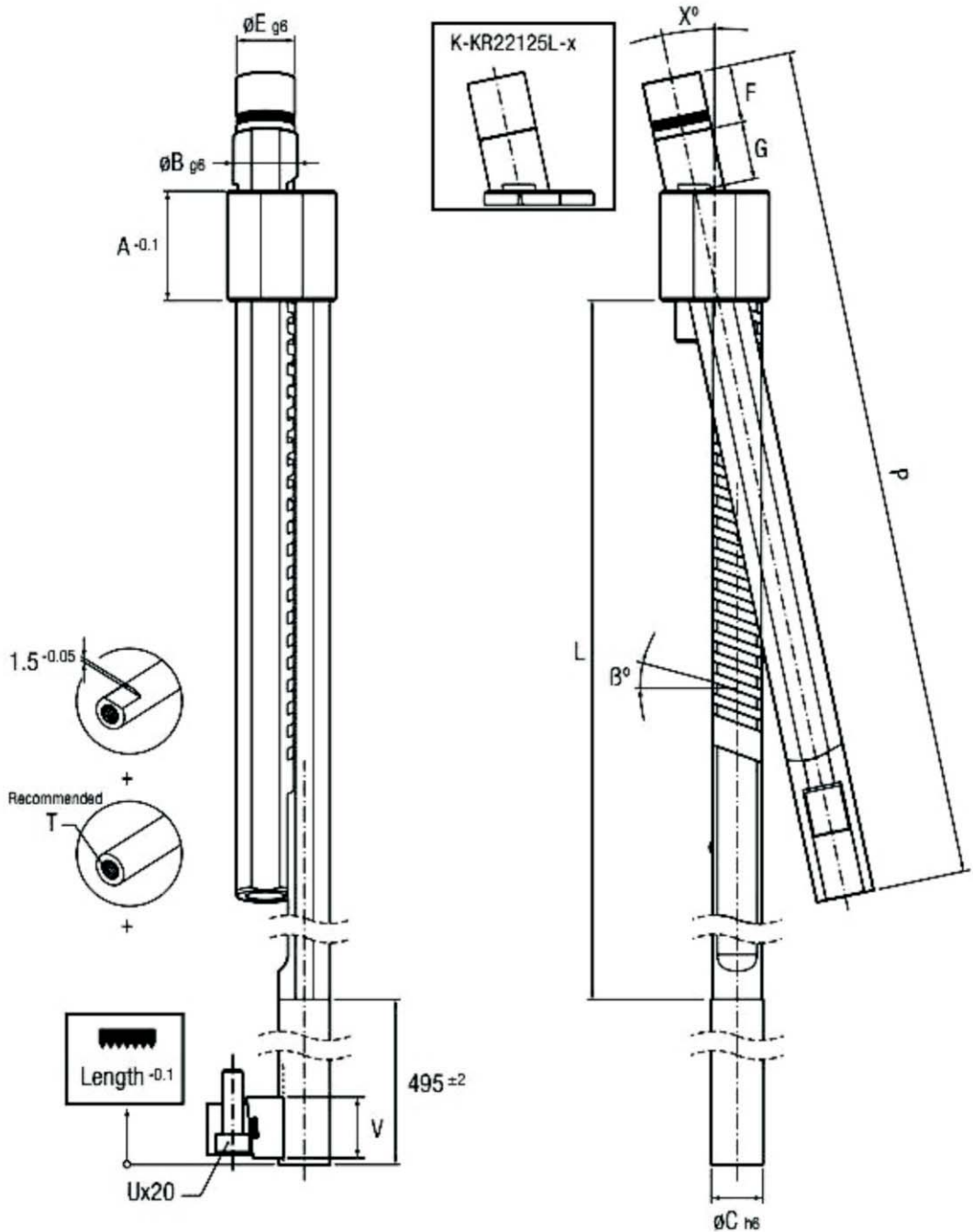
β°	K-KR.XX125L-8		K-KR.XX125L-12		K-KR.XX125L-16		K-KR.XX125L-20	
	S(- β°)	S(+ β°)	S(- β°)	S(+ β°)	S(- β°)	S(+ β°)	S(- β°)	S(+ β°)
0	17.5		26.5		35.8		45.4	
1	17.5	17.6	26.4	26.6	35.6	36.0	45.2	45.7
2	17.4	17.6	26.3	26.7	35.4	36.2	44.9	46.0
3	17.4	17.6	26.2	26.8	35.3	36.3	44.6	46.3
4	17.3	17.7	26.1	26.9	35.1	36.5	44.3	46.6
5	17.3	17.7	26.0	27.0	34.9	36.7	44.0	46.9
6	17.3	17.8	25.9	27.1	34.7	36.9	43.8	47.3
7	17.2	17.8	25.8	27.2	34.6	37.1	43.5	47.6
8	17.2	17.8	25.8	27.2	34.6	37.3	43.2	47.9
9	17.1	17.9	25.7	27.4	34.2	37.5	43.0	48.2
10	17.1	18.0	25.6	27.6	34.1	37.7	42.7	48.6
11	17.1	18.0	25.5	27.7	33.9	37.9	42.4	48.9
12	17.0	18.1	25.4	27.8	33.7	38.1	42.2	48.9
13	17.0	18.1	25.3	27.9	33.6	38.3	41.9	49.6
14	16.9	18.2	25.2	28.0	33.4	38.6	41.7	50.0
15	16.9	18.2	25.1	28.1	33.2	38.8	41.4	50.4
16	16.8	18.3	25.0	28.2	33.1	39.0	41.1	50.7
17	16.8	18.3	24.9	28.4	32.9	39.2	40.9	51.1
18	16.8	18.4	24.8	28.5	32.7	39.5	40.6	51.5
19	16.7	18.4	24.7	28.6	32.6	39.7	40.4	52.0
20	16.7	18.5	24.6	28.7	32.4	40.0	40.1	52.4
21	16.6	18.5	24.5	28.9	32.2	40.2	39.9	
22	16.6	18.6	24.4	29.0	32.1	40.5	39.6	
23	16.5	18.6	24.3	29.2	31.9	40.8	39.4	
24	16.5	18.7	24.2	29.3	31.7	41.0	39.1	
25	16.4	18.7	24.1	29.4	31.6	41.3	38.8	
26	16.4	18.8	24.0	29.6	31.4		38.6	
27	16.3	18.9	23.9	29.7	31.2		38.3	
28	16.3	18.9	23.8	29.9	31.1		38.1	
29	16.2	19.0	23.7	30.1	30.9		37.8	
30	16.2	19.1	23.6	30.2	30.7		37.5	
31	16.1	19.1	23.5		30.5		37.3	
32	16.1	19.2	23.4		30.3		37.0	
33	16.0	19.3	23.3		30.2		36.7	
34	16.0	19.4	23.2		30.0		36.2	
35	15.9	19.4	23.1		29.8		35.9	
36	15.9		23.0		29.6		35.9	
37	15.8		22.9		29.4		35.7	
38	15.8		22.7		29.2		35.4	
39	15.7		22.6		29.0		35.1	
40	15.7		22.5		28.8		34.8	
41	15.6		22.4		28.6		34.5	
42	15.5		22.3		28.4		34.2	
43	15.5		22.1		28.2		33.9	
44	15.4		22.0		28.0		33.6	
45	15.4		21.9		27.8		33.3	



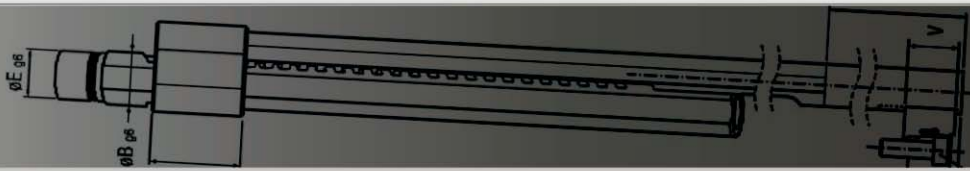
Mold Components

模具配件

帶運水雙齒條斜頂 (Cooled Rack Lifter Double Cremallera Refrigerada)
S-KR



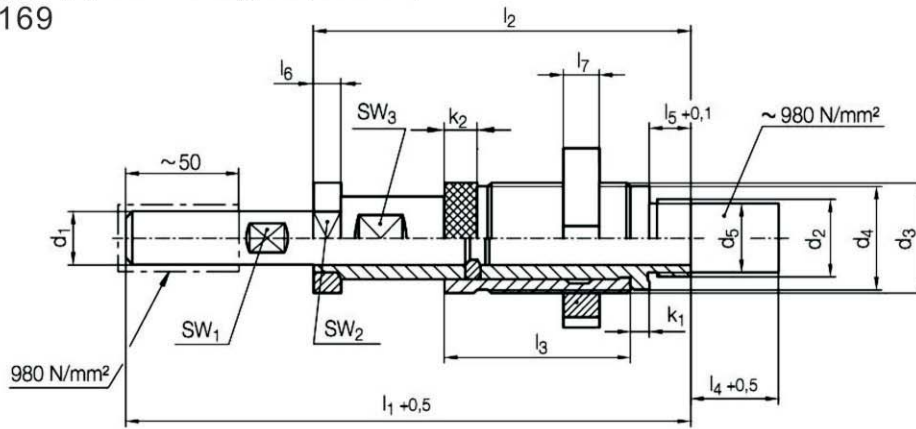
Stroke125	X°			A	B	C	E	F	G	L	P	Q	T	U	V	Stroke 125	
S-KR.22125L-X	8	12	16	20	22	12	12	11	16	14	282	254	6.5	M6	M5	17	S-KR.22125L-X-S
S-KR.28125L-X	8	12	16	20	28	16	14	14	16	20	294.5	254	8.5	M8	M5	17	S-KR.28125L-X-S
S-KR.34125L-X	8	12	16	20	34	20	18	36	18	18	28.5	260	10.5	M8	M6	19	S-KR.34125L-X-S



Mold Components

模具配件

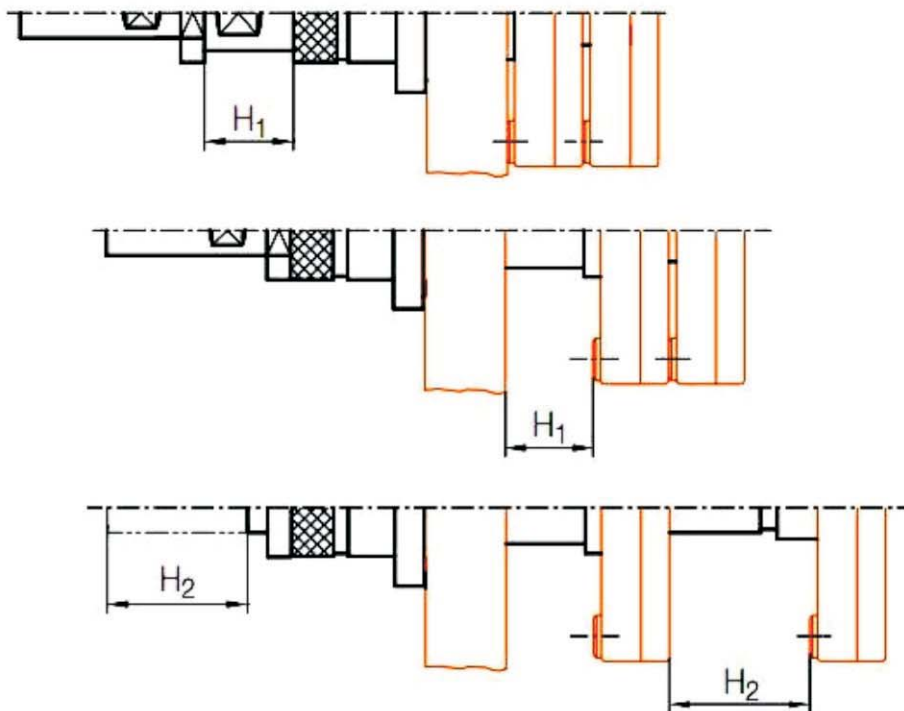
二次顶出 (Two-Stage Ejectors)
S-Z169

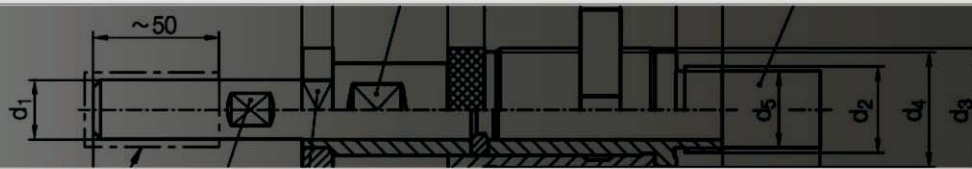


型号	D1	H1		H2		L1	L2	L3	L4	L5	L6	L7	D2
		min	max	min	max								
S-Z169/16	16	5	30	5	50	164	112	56	26	11	9	11	M22×1
S-Z169/22	22	6	40	6	70	220	148	75	36	16		12	M30×1.5
S-Z169/30	30	7	50	7	85	255	170	80	45	21	11	13	M40×1.5
S-Z169/40	40	7.5	60	7.5	70	270	200	98		22	12	14	M52×1.5

D3	D4	D5	K1	K2	SW1	SW2	SW3
M32×1.5	22	60	48	M11×1	17.4	22	5.4
M42×1.5	28	75	61	M14×1	21	27	6.5
M60×1.5	38	100	82	M18×1	26	33	8.8
M70×1.5	52	125	104	M25×1.5	35	43	11

使用示例:

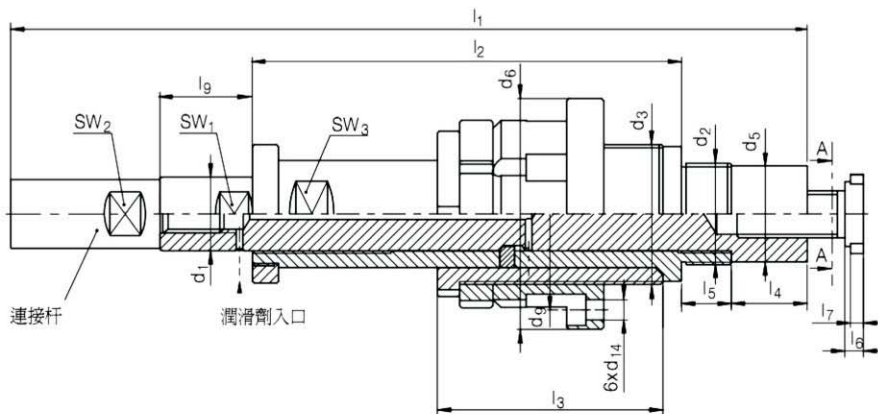




Mold Components

模具配件

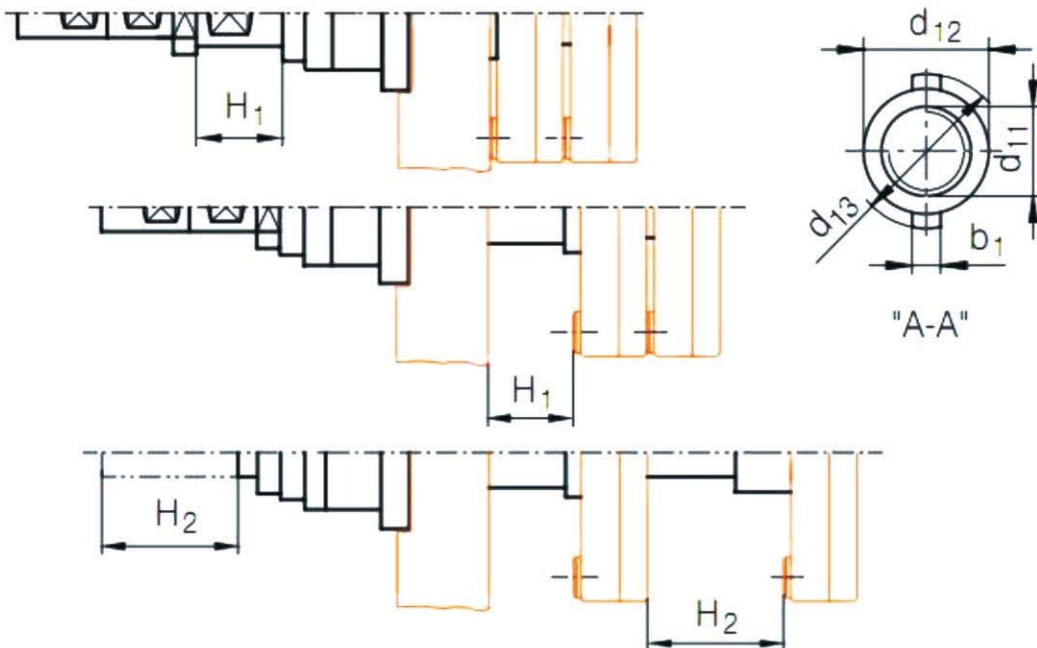
二次顶出 (Two-Stage Ejectors)
S-Z1691



型号	D1	H2 max	H1	L1	L2	L3	L4	L5	L6	L7	L9	B1	D2	D3
S-Z1691/17	17	65	4-30	228	110	63	21	12	5	3.5	25	4	M24×1.5	M35×1.25
S-Z1691/22	22	80	6-42	270	131	74	17	17	6	4	30	5	M30×1.5	M45×1.5
S-Z1691/30	30	95	10-60	340	166	89	27	17	7	5	38	6	M40×1.5	M60×1.5
S-Z1691/40	40	130	14-86	470	232	122	41	27	10	7	50	8	M55×1.5	M75×1.5

D5	D6	D9	D11	D12	D13	D14	Sw1	Sw2	Sw3
22	60	48	M11×1	17.4	22	5.4	13	12	21
28	75	61	M14×1	21	27	6.5	17	17	27
38	100	82	M18×1	26	33	8.8	24	22	36
52	125	104	M25×1.5	35	43	11	32	32	46

使用示例:

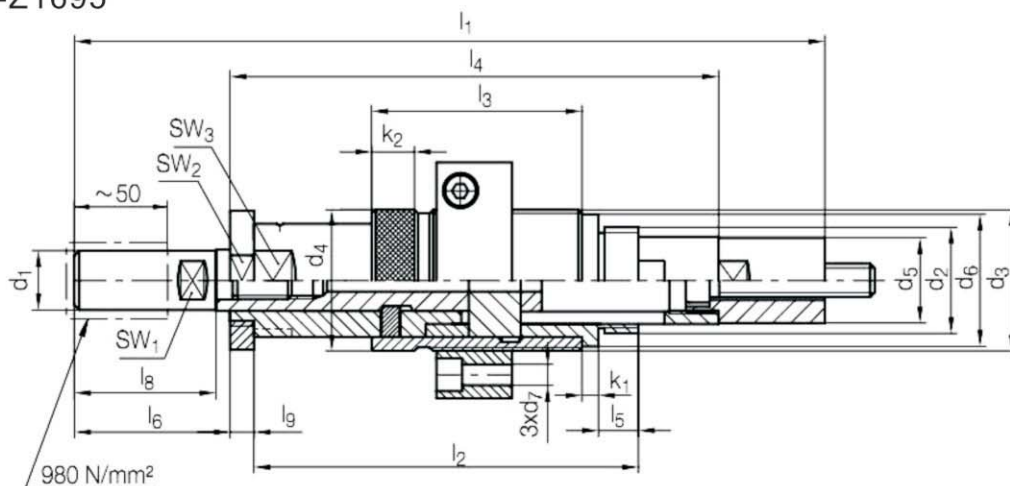




Mold Components

模具配件

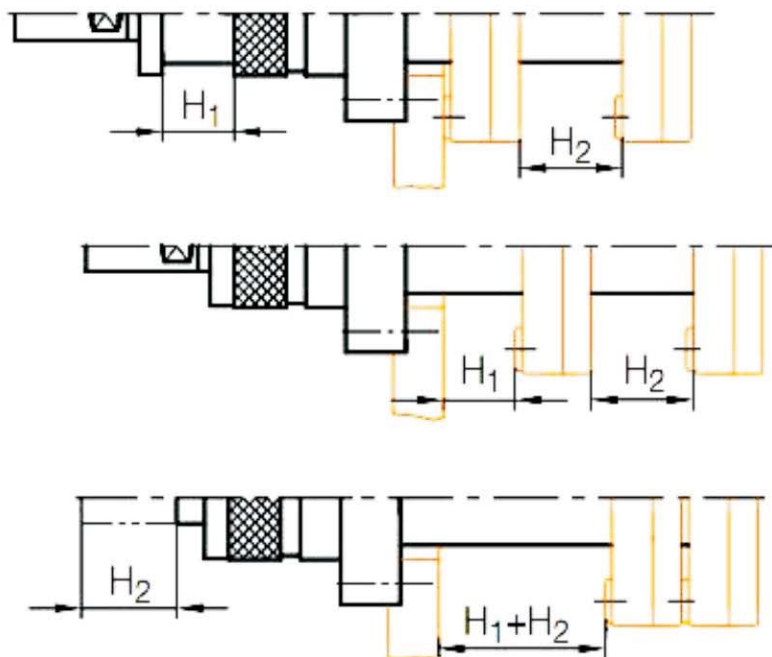
二次顶出 (Two-Stage Ejectors)
S-Z1695



型号	'd1	D2	D3	D4	D5	D6	D7	H1		H2	
								min	max	min	Max
S-Z1695/22	17	M40×1.5	M52×1.5	52	31.5	50	9	6	36	12	48
S-Z1695/25	22	M45×1.5	M60×1.5	60	36	56	9	8	50	20	60
S-Z1695/32	30	M55×1.5	M72×1.5	72	44	70	11	16	60	30	86

L1	L2	L3	L4	L5	L6	L8	L9	Sw1	Sw2	Sw3	K1	K2
278	141	82	175	17	58	52	10	17	46	36	6	18
329	163	89	207		66	60		19	55	41	7	
430	196	106	257	22	102	82	12	27	65	50	8	16

使用示例:

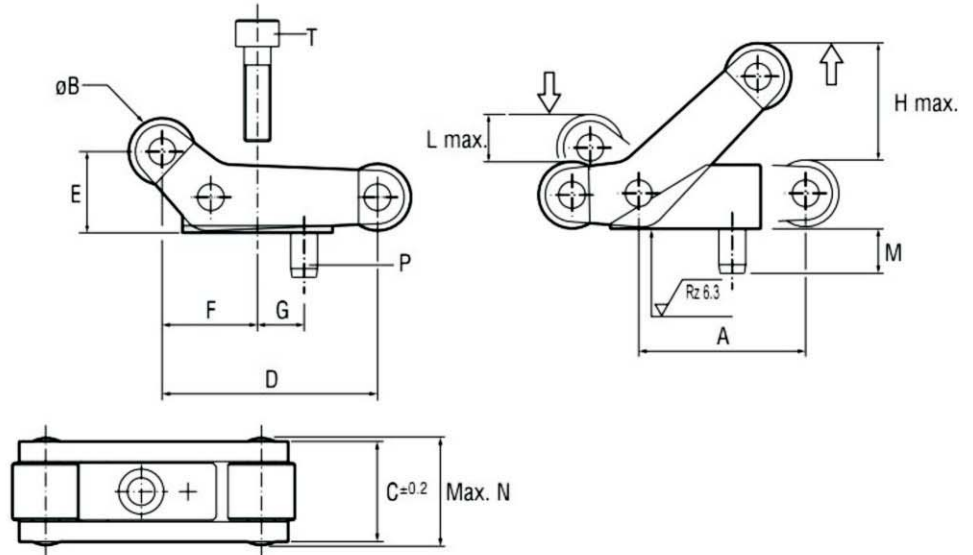




Mold Components

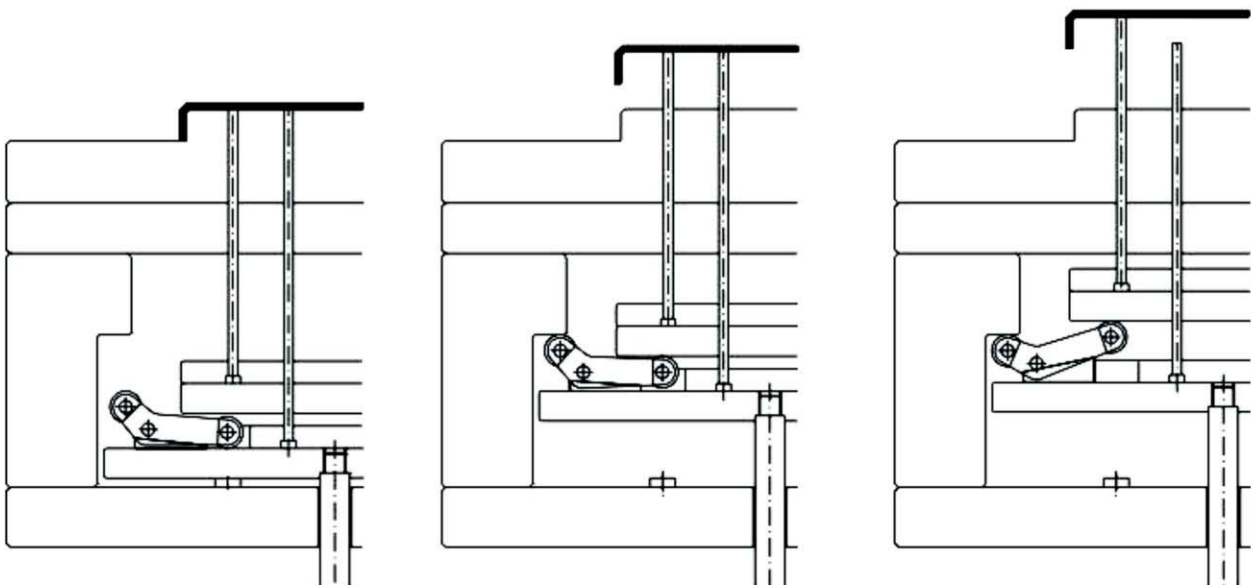
模具配件

模板加速器 (Plate Accelerator)
S-EP



型号	A	B	C	D	E	F	G	Hmax	Lmax	M	N	P	T	Max
S-EP.200813	20	8	13.2	25.8	9.4	11.4	6	13.6	5.5	5	15	$\Phi 2.5 \times 10$	M3×12	125
S-EP.251016	25	10	16	32.3	11.8	14.3	7	17	6.8	6	18.5	$\Phi 3 \times 12$	M4×16	250
S-EP.371522	37.5	15	22	48.5	17.7	21.5	10.5	25.5	10.2	8	25	$\Phi 4 \times 16$	M6×25	350
S-EP.502030	50	20	30	64.6	23.6	28.6	14	34	13.6	10	34	$\Phi 5 \times 20$	M8×30	800

使用示例:





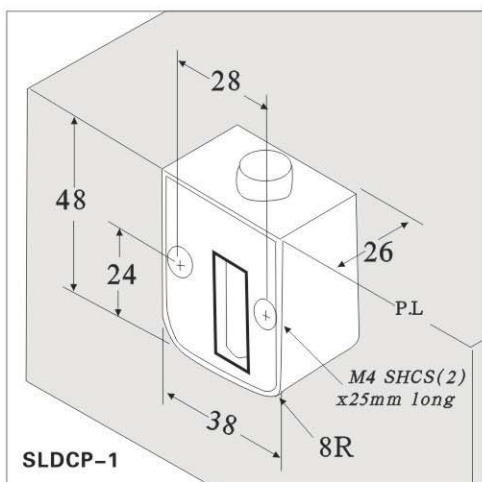
Mold Components

模具配件

模具计数器 (Counter)

专利产品(Patented Product)

SLD Mold Counter positively monitor mold usage by tracking activity for the life of tool, for precisely knowing the pressing times of molds.



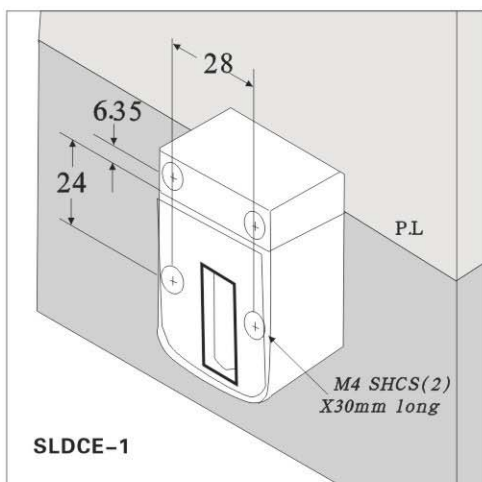
SLDCP-1

Parting line Mount 符入式構造

■ Glass filled Nylon 材質: 尼龍含玻璃纖維

▲ Hex Socket Screws x2(M4x25)

配件: 內六角螺絲M4x25兩枚



SLDCE-1

Extrnal Mount 外裝型構造

"No Pocket Machining Necessary"

■ Block; Blackening S45C 檔塊材質: 鐵, 染黑

▲ Hex Socket Screws x4 M4x25

配件: 內六角螺絲M4x25四枚

* MPSE-7-MRSP-7x1+S45C Block x 1

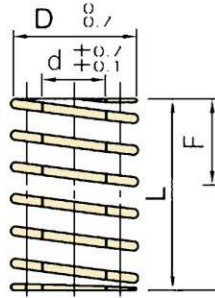


- ✓ Design and made in Taiwan.
- ✓ Two mounting styles are available for easy installation of the mold counter.
- ✓ Working perfectly under(120°C/250°F)
- ✓ 7 digits(0000000-9999999)
- ✓ Non resettable design.
- ✓ Pure mechanical design
- ✓ Stainless steel used for inner metal part.
- ✓ Working available under water.
- ✓ 遠律達模具計數器可以正確記錄模具使用次數, 提供模具使用者及模具製造商衡量模具壽命的依據。
- ✓ 非任保市面現有產品的仿製品。
- ✓ 材料擁有耐磨以及耐高溫的特性, 提供120度與160度兩種耐熱系數的計數器產品, 可以滿足您特殊及一般的塑膠射出模具的需求。
- ✓ 純機械式計量控器則不需要更換電池, 可以長時間使用。內部的機械構造, 金屬部零件皆經防鏽處理, 在水中特殊的環境中仍可正確發揮作用。
- ✓ 有效行程 1.5mm - 2.0mm
- ✓ 僅需距離計數器按鈕底面1.5mm - 2.0mm即可計數。
- ✓ 不可歸零及防拆裝置設計, 可提供正確可靠的模具計數, 避免因拆卸造成的生產糾紛。
- ✓ 七位數設計 (0000000 - 9999999) 將可以滿足絕大部分的需求。

Mold Components

模具配件

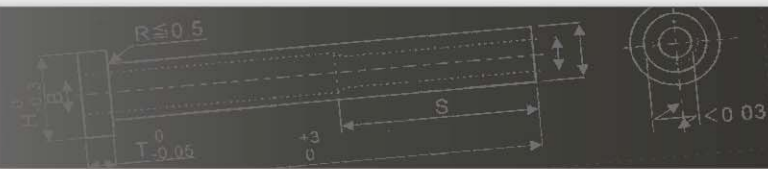
弹簧 (Spring)



型号(Item.No.)				
TF 黄色	TL 蓝色	TM 红色	TH 绿色	TB 茶色

尺寸 (D*d*L)	尺寸 (D*d*L)	尺寸 (D*d*L)	尺寸 (D*d*L)	尺寸 (D*d*L)	尺寸 (D*d*L)	尺寸 (D*d*L)
6X3X15	12X6X20	16X8X70	22X11X25	27X13.5X40	35X17.5X70	60X30X70
6X3X20	12X6X25	16X8X75	22X11X30	27X13.5X45	35X17.5X75	60X30X80
6X3X25	12X6X30	16X8X80	22X11X35	27X13.5X50	35X17.5X80	60X30X90
6X3X30	12X6X35	16X8X90	22X11X40	27X13.5X55	35X17.5X90	60X30X100
6X3X35	12X6X40	16X8X100	22X11X45	27X13.5X60	35X17.5X100	60X30X125
6X3X40	12X6X45	18X9X25	22X11X50	27X13.5X65	35X17.5X125	60X30X150
6X3X45	12X6X50	18X9X30	22X11X55	27X13.5X70	35X17.5X150	60X30X175
6X3X50	12X6X55	18X9X35	22X11X60	27X13.5X75	35X17.5X175	60X30X200
6X3X55	12X6X60	18X9X40	22X11X65	27X13.5X80	35X17.5X200	60X30X250
6X3X60	12X6X65	18X9X45	22X11X70	27X13.5X90	40X20X40	60X30X300
8X4X15	12X6X70	18X9X50	22X11X75	27X13.5X100	40X20X50	60X30*350
8X4X20	12X6X75	18X9X55	22X11X80	30X15X25	40X20X60	60X30X400
8X4X25	12X6X80	18X9X60	22X11X90	30X15X30	40X20X70	60X30X450
8X4X30	14X7X25	18X9X65	22X11X100	30X15X35	40X20X80	60X30X500
8X4X35	14X7X30	18X9X70	22X11X125	30X15X40	40X20X90	
8X4X40	14X7X35	18X9X75	22X11X150	30X15X45	40X20X100	
8X4X45	14X7X40	18X9X80	25X12.5X25	30X15X50	40X20X125	
8X4X50	14X7X45	18X9X90	25X12.5X30	30X15X55	40X20X150	
8X4X55	14X7X50	18X9X100	25X12.5X35	30X15X60	40X20X175	
8X4X60	14X7X55	20X10X25	25X12.5X40	30X15X65	40X20X200	
8X4X70	14X7X60	20X10X30	25X12.5X45	30X15X70	40X20X250	
8X4X80	14X7X65	20X10X35	25X12.5X50	30X15X75	40X20X300	
10X5X20	14X7X70	20X10X40	25X12.5X55	30X15X80	50X25.5X50	
10X5X25	14X7X75	20X10X45	25X12.5X60	30X15X90	50X25.5X60	
10X5X30	14X7X80	20X10X50	25X12.5X65	30X15X100	50X25.5X70	
10X5X35	14X7X90	20X10X55	25X12.5X70	30X15X125	50X25.5X80	
10X5X40	16X8X25	20X10X60	25X12.5X75	30X15X150	50X25.5X90	
10X5X45	16X8X30	20X10X65	25X12.5X80	30X15X175	50X25.5X100	
10X5X50	16X8X35	20X10X70	25X12.5X90	30X15X200	50X25.5X125	
10X5X55	16X8X40	20X10X75	25X12.5X100	35X17.5X40	50X25.5X150	
10X5X60	16X8X45	20X10X80	25X12.5X125	35X17.5X45	50X25.5X175	
10X5X65	16X8X50	20X10X90	25X12.5X150	35X17.5X50	50X25.5X200	
10X5X70	16X8X55	20X10X100	27X13.5X25	35X17.5X55	50X25.5X250	
10X5X75	16X8X60	20X10X125	27X13.5X30	35X17.5X60	50X25.5X300	
10X5X80	16X8X65	20X10X150	27X13.5X35	35X17.5X65	60X30X60	

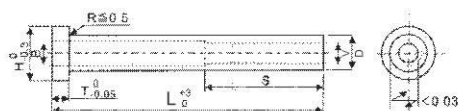
订购范例(Order): TF DxdxL



Mold Components

模具配件

FDAC射梢套筒(司筒)(FDAC Ejector Sleeve)



範圍 ϕ	外徑 g6	內徑 H5
0.5-3	-0.002 -0.008	+0 +0.004
3.01-6	-0.004 -0.012	+0 +0.005
6.01-10	-0.005 -0.014	+0 +0.006
10.0-18	-0.006 -0.017	+0 +0.008
18.01-30	-0.007 -0.020	+0 +0.009
30.01-50	-0.009 -0.025	+0 +0.011
50.01-80	-0.010 -0.029	+0 +0.013

編號 (Item No.)	外徑 D g6	內徑 V H5	頭徑 H ₀ -0.3	頭厚 T ₀ -0.05	長度(L)
FDAC-4×8	4	2-2.5	8	3	(50~200)(201~300)(301~400)(401~500)(501~600)(601~700)(701~)
FDAC-4.5×8	4.5	2-3			
FDAC-5×10	5	2-3.5	10	3	
FDAC-5.5×10	5.5	2-4			
FDAC-6×12	6	2-4.5	12	5	
FDAC-6.5×12	6.5	2-5			
FDAC-7×12	7	2.5-5.5	14	5	
FDAC-8×14	8	3-6			
FDAC-9×14	9	3.5-7	16	5	
FDAC-10×16	10				
FDAC-11×16	11	3.5-8	20	7	
FDAC-12×20	12				

品名Product	代號Model	材質Material	硬度Hardness	單位Unit
FDAC直身司筒	DSFA	FDAC	Nitrided 表面(Surface)Hv900- 內圓(Core)HRC40-45	mm

Mold Components

模具配件

FDAC雙節射梢套筒(司筒)(FDAC Stepped Ejector Sleeve)



範圍 ∅	外徑 g6	內徑 H5
0.5-3	-0.002 -0.008	+0 +0.004
3.01-6	-0.004 -0.012	+0 +0.005
6.01-10	-0.005 -0.014	+0 +0.006
10.0-18	-0.006 -0.017	+0 +0.008
18.01-30	-0.007 -0.020	+0 +0.009
30.01-50	-0.009 -0.025	+0 +0.011
50.01-80	-0.010 -0.029	+0 +0.013

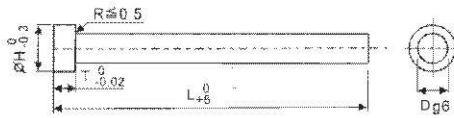
編號 (Item No.)	外徑1 $D_{-0.05}^0$	外徑2 Pg6	內徑 V_{H5}	頭徑 $H_{-0.3}^0$	頭厚 $T_{-0.05}^0$	長度(L)
FDACSJ-4×8	4	3~11	2~2.5	8	3	(50~200)(201~300)(301~400)(401~500)(501~600)(601~700)(701~)
FDACSJ-4.5×8	4.5		2-3			
FDACSJ-5×10	5		2-3.5	10		
FDACSJ-5.5×10	5.5		2-4			
FDACSJ-6×12	6		2-4.5	5		
FDACSJ-6.5×12	6.5		2-5			
FDACSJ-7×12	7		2.5-5.5			
FDACSJ-8×14	8		3-6		14	
FDACSJ-9×14	9		3.5-7			
FDACSJ-10×16	10		3.5-8		16	
FDACSJ-11×16	11					
FDACSJ-12×20	12			20	7	

品名Product	代号Model	材質Material	硬度Hardness	單位Unit
FDAC双节司筒	DSFB	FDAC	Nitrided 表面(Surface)Hv900~ 內圓(Core)HRC40~45	mm

Mold Components

模具配件

SKH51德規射梢(HSS Straight Ejector Pin (DIN standard))



範圍 ∅	外徑 g6
0.5~3	-0.002 -0.008
3.01~6	-0.004 -0.012
6.01~10	-0.005 -0.014
10.0~18	-0.006 -0.017
18.01~30	-0.007 -0.020

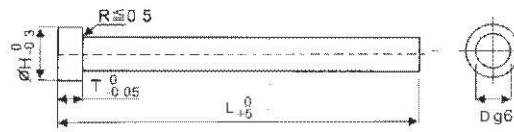
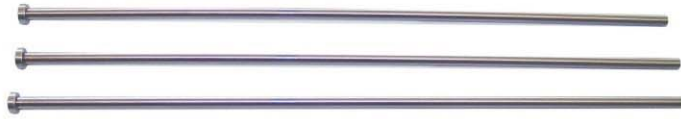
編號 (Item No.)	外徑 D g6	頭徑 H ⁰ _{-0.3}	頭厚 T ⁰ _{-0.05}	長度(L)
SKH51DG-1.5×3	1.5	3	1.5	(100)(125)(160)(200)(250)(315)
SKH51DG-2.0×4	2.0	4	2	
SKH51DG-2.2×4	2.2	5		
SKH51DG-2.5×5	2.5			
SKH51DG-2.7×5	2.7	6		
SKH51DG-3.0×6	3.0			
SKH51DG-3.2×6	3.2			
SKH51DG-3.5×7	3.5	7	3	
SKH51DG-3.7×7	3.7			
SKH51DG-4.0×8	4.0	8		
SKH51DG-4.2×8	4.2			
SKH51DG-4.5×8	4.5	10		
SKH51DG-5.0×10	5.0			
SKH51DG-5.2×10	5.2			
SKH51DG-5.5×10	5.5	12		
SKH51DG-6.0×12	6.0			
SKH51DG-6.2×12	6.2			
SKH51DG-6.5×12	6.5			
SKH51DG-7.0×12	7.0	14		
SKH51DG-7.5×12	7.5			
SKH51DG-8.0×14	8.0			
SKH51DG-8.2×14	8.2			
SKH51DG-9.0×14	9.0	16		
SKH51DG-9.5×14	9.5			
SKH51DG-10.0×16	10.0			
SKH51DG-11.0×16	11.0	20		
SKH51DG-12.0×20	12.0			

品名Product	代號Model	材質Material	硬度Hardness	單位Unit
SKH51 頂針	DPHA	SKH51 M2	HRC58° ~62°	mm

Mold Components

模具配件

SKD61氮化德規射梢 HWS Nitrided Straight Ejector Pin (DIN standard)



範圍 \varnothing	外徑 g6
0.5~3	-0.002 -0.008
3.01~6	-0.004 -0.012
6.01~10	-0.005 -0.014
10.0~18	-0.006 -0.017
18.01~30	-0.007 -0.020

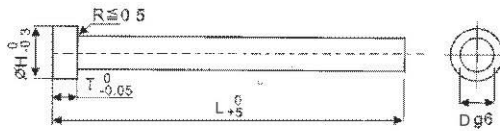
編號 (Item No.)	外徑 D _{g6}	頭徑 H _{-0.3} ⁰	頭厚 T _{-0.05} ⁰	長度(L)
SKD61DHDG-1.5×3	1.5	3	1.5	(100)(125)(160)(200)(250)(315)(400)(500)(630)(800)
SKD61DHDG-2.0×4	2.0	4	2	
SKD61DHDG-2.2×4	2.2			
SKD61DHDG-2.5×5	2.5	5		
SKD61DHDG-2.7×5	2.7			
SKD61DHDG-3.0×6	3.0	6		
SKD61DHDG-3.2×6	3.2			
SKD61DHDG-3.5×7	3.5	7		
SKD61DHDG-3.7×7	3.7			
SKD61DHDG-4.0×8	4.0	8	3	
SKD61DHDG-4.2×8	4.2			
SKD61DHDG-4.5×8	4.5	10		
SKD61DHDG-5.0×10	5.0			
SKD61DHDG-5.2×10	5.2	12		
SKD61DHDG-5.5×10	5.5			
SKD61DHDG-6.0×12	6.0	14	5	
SKD61DHDG-6.2×12	6.2			
SKD61DHDG-6.5×12	6.5	16		
SKD61DHDG-7.0×12	7.0			
SKD61DHDG-7.5×12	7.5	20		
SKD61DHDG-8.0×14	8.0			
SKD61DHDG-8.2×14	8.2	22	7	
SKD61DHDG-9.0×14	9.0			
SKD61DHDG-9.5×14	9.5	22		
SKD61DHDG-10.0×16	10.0			
SKD61DHDG-11.0×16	11.0	22		
SKD61DHDG-12.0×20	12.0			
SKD61DHDG-14.0×22	14.0	22		
SKD61DHDG-16.0×22	16.0			

品名Product	代號Model	材質Material	硬度Hardness	單位Unit
SKD61氮Nitrided	DPSA	SKD61H13 1.2343	表面(Surface)Hv900~ 內部(Core)HRC40°~45°	mm

Mold Components

模具配件

SKD61全硬德規射梢 HWS Hardened Ejector Pin (DIN standard)



範圍 ∅	外徑 g6
0.5-3	-0.002 -0.008
3.01-6	-0.004 -0.012
6.01-10	-0.005 -0.014
10.0-18	-0.006 -0.017
18.01-30	-0.007 -0.020

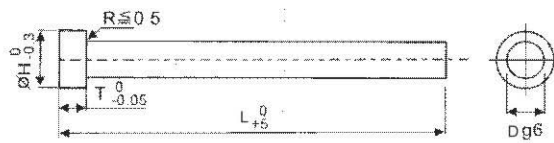
編號 (Item No.)	外徑 D g6	頭徑 H 0 -0.3	頭厚 T 0 -0.05	長度(L)
SKD61QYDG-1.5×3	1.5	3	1.5	(100)(125)(160)(200)(250)(315)(400)(500)(630)(800)
SKD61QYDG-2.0×4	2.0	4	2	
SKD61QYDG-2.2×4	2.2	5	2	
SKD61QYDG-2.5×5	2.5			
SKD61QYDG-2.7×5	2.7	6	3	
SKD61QYDG-3.0×6	3.0			
SKD61QYDG-3.2×6	3.2	7	5	
SKD61QYDG-3.5×7	3.5			
SKD61QYDG-3.7×7	3.7	8	7	
SKD61QYDG-4.0×8	4.0			
SKD61QYDG-4.2×8	4.2	10	3	
SKD61QYDG-4.5×8	4.5			
SKD61QYDG-5.0×10	5.0	12	5	
SKD61QYDG-5.2×10	5.2			
SKD61QYDG-5.5×10	5.5	14	7	
SKD61QYDG-6.0×12	6.0			
SKD61QYDG-6.2×12	6.2	16	5	
SKD61QYDG-6.5×12	6.5			
SKD61QYDG-7.0×12	7.0	20	7	
SKD61QYDG-7.5×12	7.5			
SKD61QYDG-8.0×14	8.0	22	5	
SKD61QYDG-8.2×14	8.2			
SKD61QYDG-9.0×14	9.0	22	7	
SKD61QYDG-9.5×14	9.5			
SKD61QYDG-10.0×16	10.0	22	5	
SKD61QYDG-11.0×16	11.0			
SKD61QYDG-12.0×20	12.0	22	7	
SKD61QYDG-14.0×22	14.0			
SKD61QYDG-16.0×22	16.0			

品名Product	代號Model	材質Material	硬度Hardness	單位Unit
SKD61氮化 Nitrided	DPNA	SKD61 H13 1.2343	HRC50°~54°	mm

Mold Components

模具配件

WS全硬射梢 WS Ejector Pin (DIN standard)



範圍 \varnothing	外徑 g6
0.5~3	-0.002 -0.008
3.01~6	-0.004 -0.012
6.01~10	-0.005 -0.014
10.0~18	-0.006 -0.017
18.01~30	-0.007 -0.020

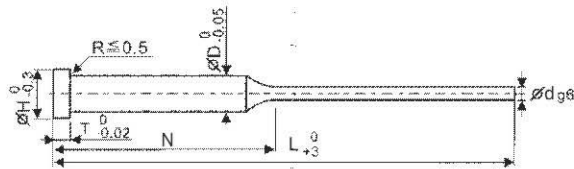
編號 (Item No.)	外徑 D_{g6}	頭徑 $H_{-0.3}^0$	頭厚 $T_{-0.05}^0$	長度(L)
WSQY- 1.5 × 3	1.5	3	1.5	(100)(125)(160)(200)(315)(400)(500)(630)(800)
WSQY- 2.0 × 4	2.0	4	2	
WSQY- 2.2 × 4	2.2	5		
WSQY- 2.5 × 5	2.5			
WSQY- 2.7 × 5	2.7	6		
WSQY- 3.0 × 6	3.0			
WSQY- 3.2 × 6	3.2			
WSQY- 3.5 × 7	3.5	7	3	
WSQY- 3.7 × 7	3.7			
WSQY- 4.0 × 8	4.0	8		
WSQY- 4.2 × 8	4.2			
WSQY- 4.5 × 8	4.5	10		
WSQY- 5.0 × 10	5.0			
WSQY- 5.2 × 10	5.2			
WSQY- 5.5 × 10	5.5	12		
WSQY- 6.0 × 12	6.0			
WSQY- 6.2 × 12	6.2			
WSQY- 6.5 × 12	6.5			
WSQY- 7.0 × 12	7.0		5	
WSQY- 7.5 × 12	7.5			
WSQY- 8.0 × 14	8.0			
WSQY- 8.2 × 14	8.2			
WSQY- 9.0 × 14	9.0	14		
WSQY- 9.5 × 14	9.5			
WSQY- 10.0 × 16	10.0		16	
WSQY- 11.0 × 16	11.0			
WSQY- 12.0 × 20	12.0	20	7	
WSQY- 14.0 × 22	14.0	22		
WSQY- 16.0 × 22	16.0			

品名Product	代號Model	材質Material	硬度Hardness	單位Unit
Ws全硬射梢	DPUA	SUJ2 100cr6 1.2067	HRC58° ~62°	mm

Mold Components

模具配件

SKH51雙節射梢(高速鋼)(HSS Stepped Ejector Pin)



範圍 ϕ	外徑 g6
0.5~3	-0.002 -0.008
3.01~6	-0.004 -0.012
6.01~10	-0.005 -0.014
10.0~18	-0.006 -0.017
18.01~30	-0.007 -0.020

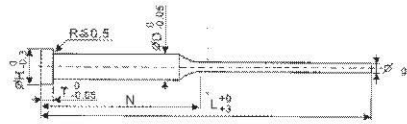
編號 (Item No.)	外徑1 D _{g6}	外徑2 d _{g6}	頭徑 H _{-0.3} ⁰	頭厚 T _{-0.05} ⁰	長度(L)
SKH51SJGS- 1.5 × 0.6	1.5	0.6	3	1.5	(100)(125)(160)(200)(250)(315)
SKH51SJGS- 1.5 × 0.8		0.8			
SKH51SJGS- 1.5 × 1.0		1.0			
SKH51SJGS- 2.0 × 0.8	2.0	0.8	4	2	
SKH51SJGS- 2.0 × 1.0		1.0			
SKH51SJGS- 2.0 × 1.2		1.2			
SKH51SJGS- 2.0 × 1.5	2.5	1.5	5	2	
SKH51SJGS- 2.5 × 0.8		0.8			
SKH51SJGS- 2.5 × 1.0		1.0			
SKH51SJGS- 2.5 × 1.2	3.0	1.2	6	3	
SKH51SJGS- 2.5 × 1.5		1.5			
SKH51SJGS- 2.5 × 2.0		2.0			
SKH51SJGS- 3.0 × 1.0	4.0	1.0	8	3	
SKH51SJGS- 3.0 × 1.2		1.2			
SKH51SJGS- 3.0 × 1.5		1.5			
SKH51SJGS- 3.0 × 2.0	4.0	2.0	8	3	
SKH51SJGS- 3.0 × 2.5		2.5			
SKH51SJGS- 4.0 × 2.0	4.0	2.0	8	3	
SKH51SJGS- 4.0 × 2.5		2.5			

品名Product	代號Model	材質Material	硬度Hardness	單位Unit
SKH51 雙節頂針	DPHB	SKH51 M2	HRC58 ~62	mm

Mold Components

模具配件

SKD61双节射梢(氮化) (HWS Nitrided Stepped Ejector Pin)



範圍 ∅	外徑 g6
0.5~3	-0.002 -0.008
3.01~6	-0.004 -0.012
6.01~10	-0.005 -0.014
10.0~18	-0.006 -0.017
18.01~30	-0.007 -0.020

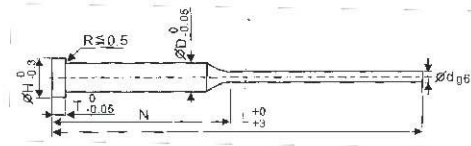
編號 (Item No.)	外徑1 D _{g6}	外徑2 d _{g6}	頭徑 H 0 -0.3	頭厚 T 0 -0.05	長度(L)
SK61SJ-1.5×0.6	1.5	0.6	3	1.5	(100)(125)(160)(200)(250)(315)
SK61SJ-1.5×0.8		0.8			
SK61SJ-1.5×1.0		1.0			
SK61SJ-2.0×0.8	2.0	0.8	4	2	
SK61SJ-2.0×1.0		1.0			
SK61SJ-2.0×1.2		1.2			
SK61SJ-2.0×1.5		1.5			
SK61SJ-2.5×0.8	2.5	0.8	5		
SK61SJ-2.5×1.0		1.0			
SK61SJ-2.5×1.2		1.2			
SK61SJ-2.5×1.5		1.5			
SK61SJ-2.5×2.0		2.0			
SK61SJ-3.0×1.0	3.0	1.0	6	3	
SK61SJ-3.0×1.2		1.2			
SK61SJ-3.0×1.5		1.5			
SK61SJ-3.0×2.0		2.0			
SK61SJ-3.0×2.5		2.5			
SK61SJ-4.0×2.0	4.0	2.0	8		
SK61SJ-4.0×2.5		2.5			

品名Product	代號Model	材質Material	硬度 Hardness	單位Unit
SKD61氮化 Nitrided	DPSB	SKD61 H13 1.2343	表面(Surface)Hv900~ 內部(Core)HRC40° ~45°	mm

Mold Components

模具配件

SKD61全硬雙節射梢(HWS Hardened Stepped Ejector Pin)



範圍 ∅	外徑 g6
0.5~3	-0.002 -0.008
3.01~6	-0.004 -0.012
6.01~10	-0.005 -0.014
10.0~18	-0.006 -0.017
18.01~30	-0.007 -0.020

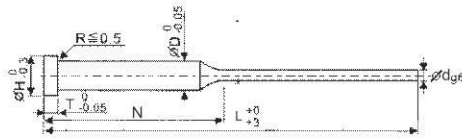
編號 (Item No.)	外徑1 D _{g6}	外徑2 d _{g6}	頭徑 H _{-0.3} ⁰	頭厚 T _{-0.05} ⁰	長度(L)
SKD61QY-1.5×0.6	1.5	0.6	3	1.5	(100)(125)(160)(200)(250)(315)
SKD61QY-1.5×0.8		0.8			
SKD61QY-1.5×1.0		1.0			
SKD61QY-2.0×0.8	2.0	0.8	4	2	
SKD61QY-2.0×1.0		1.0			
SKD61QY-2.0×1.2		1.2			
SKD61QY-2.0×1.5	1.5				
SKD61QY-2.5×0.8	2.5	0.8	5	2	
SKD61QY-2.5×1.0		1.0			
SKD61QY-2.5×1.2		1.2			
SKD61QY-2.5×1.5		1.5			
SKD61QY-2.5×2.0	2.0				
SKD61QY-3.0×1.0	3.0	1.0	6	3	
SKD61QY-3.0×1.2		1.2			
SKD61QY-3.0×1.5		1.5			
SKD61QY-3.0×2.0		2.0			
SKD61QY-3.0×2.5	2.5				
SKD61QY-4.0×2.0	4.0	2.0	8	3	
SKD61QY-4.0×2.5		2.5			

品名Product	代號Model	材質Material	硬度Hardness	單位Unit
SKD61全硬双节射梢	DPNB	SKD61 H13 1.2343	HRC50°~54°	mm

Mold Components

模具配件

WS雙節射梢(HWS Stepped Ejector Pin)



範圍 ϕ	外徑 g6
0.5~3	-0.002 -0.008
3.01~6	-0.004 -0.012
6.01~10	-0.005 -0.014
10.0~18	-0.006 -0.017
18.01~30	-0.007 -0.020

編號 (Item No.)	外徑1 D_{g6}	外徑2 d_{g6}	頭徑 $H_{-0.3}^0$	頭厚 $T_{-0.05}^0$	長度(L)
WSSEP-1.5×0.6	1.5	0.6	3	1.5	(100)(125)(160)(200)(250)(315)
WSSEP-1.5×0.8		0.8			
WSSEP-1.5×1.0		1.0			
WSSEP-2.0×0.8	2.0	0.8	4	2	
WSSEP-2.0×1.0		1.0			
WSSEP-2.0×1.2		1.2			
WSSEP-2.0×1.5	1.5				
WSSEP-2.5×0.8	2.5	0.8	5		
WSSEP-2.5×1.0		1.0			
WSSEP-2.5×1.2		1.2			
WSSEP-2.5×1.5		1.5			
WSSEP-2.5×2.0		2.0			
WSSEP-3.0×1.0	3.0	1.0	6	3	
WSSEP-3.0×1.2		1.2			
WSSEP-3.0×1.5		1.5			
WSSEP-3.0×2.0		2.0			
WSSEP-3.0×2.5		2.5			
WSSEP-4.0×2.0	4.0	2.0	8		
WSSEP-4.0×2.5		2.5			









品名Product	代號Model	材質Material	硬度Hardness	單位Unit
SUJ2全硬射梢	DPUB	SUJ2 100cr6 1.2067	HRC58 ~62°	mm

Mold Components

模具配件

頂針司筒/Ejector pins Ejector sleeves

各類非標件訂制

頂針	 標準型  DLC塗層  TiN塗層  表面發黑  鍍銅材質  螺旋槽型  頭部錐度型  頭部止轉型	AISI	公制	SKH51	標準型	58-62HRC	JZ-AH		
			英制	SKD61	鍍銅材質	-	JZ-PCM		
		DIN	公制	SKD61	頭部錐度型	900HV-	JZ-Z43		
					頭部止轉型	48-52HRC	JZ-E1790		
				SKH51	頭部錐度型	58-62HRC	JZ-Z42		
					頭部止轉型	58-62HRC	JZ-E1786		
		JIS	公制	SKD61	標準型	58-62HRC	JZ-Z40		
					標準型	48-52HRC	JZ-CPD		
					螺旋槽型	48-52HRC	JZ-SP-EPD		
					螺旋槽型	48-52HRC	JZ-SP-EPDS		
					螺旋槽型	900HV-	JZ-SP-EPN		
					螺旋槽型	900HV-	JZ-SP-EPJ		
				SKH51	標準型	58-62HRC	JZ-EPH		
					標準型	58-62HRC	JZ-EPHE-B		
					標準型	58-62HRC	JZ-CPH-M		
					TiN塗層	58-62HRC	JZ-N-EPT		
		TiN塗層	58-62HRC	JZ-N-EPTJ					
		TAIWAN	公制	SKD61	標準型	900HV-	JZ-PS		
CHING CHEUK	公制	SKD61	標準型	48-52HRC	JZ-PSS				
			DLC塗層	48-52HRC	JZ-Z40DS				
			表面發黑	900HV-	JZ-Z40B				
			表面發黑	900HV-	JZ-B-EPS				
		SKH51	標準型	48-52HRC	JZ-Z40S				
			DLC塗層	58-62HRC	JZ-Z40DH				
		SKD61	DLC塗層	48-52HRC	JZ-S-EEX				
			表面發黑	900HV-	JZ-B-EEX				
			標準型	58-62HRC	JZ-HEEX				
			DLC塗層	58-62HRC	JZ-H-EEX				
SKH51	標準型	58-62HRC	JZ-HEEX						
SKH51	DLC塗層	58-62HRC	JZ-H-EEX						
托針	 標準型  DLC塗層  TiN塗層	AISI	英制	SKD61	標準型	900HV-	JZ-EXS		
		DIN	公制	SKD61	標準型	900HV-	JZ-Z44		
				-	-	-	-	-	
		JIS	公制	SKD61	標準型	900HV-	JZ-EJS		
					標準型	48-52HRC	JZ-EDSF		
				SKH51	標準型	58-62HRC	JZ-EHSJE		
					標準型	58-62HRC	JZ-ESH		
					TiN塗層	58-62HRC	JZ-N-EETSL		
		TiN塗層	58-62HRC	JZ-N-EETSJL					
		TAIWAN	公制	SKD61	標準型	900HV-	JZ-SS		
		CHING CHEUK	公制	SKD61	DLC塗層	48-52HRC	JZ-Z44DS		
					DLC塗層	48-52HRC	JZ-S-EEDSF		
SKH51	DLC塗層			58-62HRC	JZ-H-EESH				
DKH51	DLC塗層	58-62HRC	JZ-H-EEXS						
扁頂針	 標準型	AISI	英制	SKH51	標準型	58-62HRC	JZ-EJB-IMH		
		DIN	公制	SKD61	標準型	900HV-	JZ-Z46		
				SKH51	標準型	58-62HRC	JZ-Z465		
				SKH51	DLC塗層	58-62HRC	JZ-Z465		

Mold Components

模具配件

頂針司筒/Ejector pins Ejector sleeves

頂針/司筒	圖示	標準	單位	材料	塗層	硬度	型號	
扁頂針	 DLC塗層	JIS	公制	SKH51	標準型	58-62HRC	JZ-ERPH	
				SKH51	標準型	58-62HRC	JZ-ERF□M	
	 刻字型ERF□M	TAIWAN	公制	SKD61	標準型	900HV-	JZ-RPS	
				-	-	-	-	
	CHING CHEUK		公制	SKD61	DLC塗層	48-52HRC	JZ-S-EERPH	
				SKH51	DLC塗層	58-62HRC	JZ-Z465DH	
英制			SKH61	DLC塗層	58-62HRC	JZ-H-EERPH		
			SKD61	DLC塗層	48-52HRC	JZ-S-EEJB		
司筒		AISI	公制	SKD61	標準型	900HV-	JZ-JFS	
			英制	SKD61	標準型	900HV-	JZ-S	
	DIN	公制	SDK61	標準型	900HV-	JZ-Z45		
			SDK61	標準型	48-52HRC	JZ-Z456		
			SKH51	標準型	58-62HRC	JZ-Z451		
	JIS	公制	SKD61	標準型	900HV-	JZ-ESF		
	TAIWAN	公制	SKD61	標準型	900HV-	JZ-SV		
			-	-	-	-		
	中間針		JIS	公制	SKH51	標準型	58-62HRC	JZ-EP SH
					SKH51	標準型	58-62HRC	JZ-EP SHE
中間托針		JIS	公制	SKH51	標準型	58-62HRC	JZ-EP SHS	
				SKH51	標準型	58-62HRC	JZ-EP SHSE	
中間扁頂針		JIS	公制	SKH51	標準型	58-62HRC	JZ-ERSH	
				SKH51	標準型	58-62HRC	JZ-ERSHE	

頂針使用分類說明:

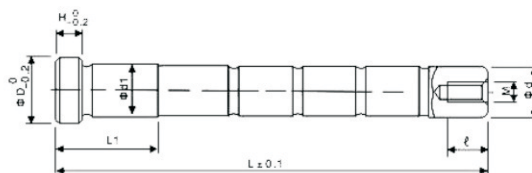
根據模具的要求不同，頂針系列選用建議分為四大類。

1. 低產量、低要求模具: 模具壽命要求不高, 10萬模次以內, 模芯為普通預硬鋼材, 建議優先選用臺標或表面氮化頂針, 例如JZ-AE、JZ-EX、JZ-PS、JZ-SS等。
2. 中產量、中要求模具: 模具壽命10萬-50萬模次, 建議選用真空全硬頂針, 例如JZ-E1790、JZ-PSS等。
3. 高產量、高要求模具: 模具壽命50萬-100萬模次, 建議選用真空+表面氮化頂針或SKH-51高速鋼真空全硬針, 例如JZ-H-EXX、JZ-EPH等。
4. 高精度、高要求模具: 壽命1007J模次以上且要求精密度高的模具, 建議選用真空+表面DLC塗層頂針, 例如JZ-H-XX、JZ-S-EEX等。

Mold Components

模具配件

SP塑膠模拉杆 (水口邊)



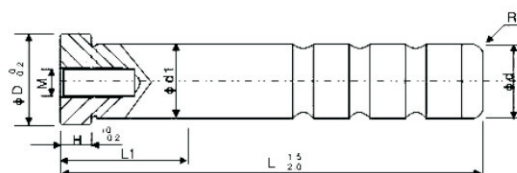
材質20cr

熱處理硬度: HRC60°C ± 2°C

SP拉杆尺寸對照表

基本尺寸	d直徑	公差	d1緊位	公差	D頭部	H厚度	e	M
12	12	-0.020	12	+0.015	17	5	4	M6-12
16	16	-0.025	16		20	6	5	M8-16
20	20	-0.030	20	+0.020	25	8	7	M10-20
25	25		30					
30	30	-0.035	30	+0.020	35	10	8	M12-25
35	35	40						
40	40	-0.045	40	+0.025	45	12	10	M16-30
50	50		55					

SBP 塑膠模中導柱 (中托邊)



材質20cr

熱處理硬度: HRC60°C ± 2°C

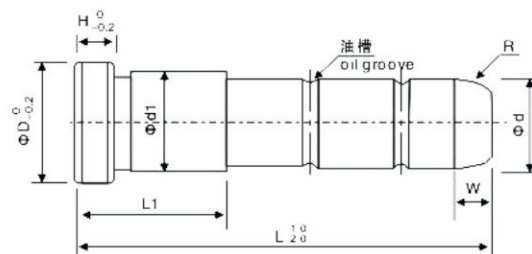
SBP中導柱尺寸對照表

基本尺寸	d直徑	公差	d1緊位	公差	D頭部	H厚度	M
12	12	-0.020	12	+0.015	17	5	M6-12
16	16	-0.025	16		20	6	M8-16
20	20	-0.030	20	+0.020	25	8	M10-20
25	25		30				
30	30	-0.035	30	+0.020	35	10	M12-25
35	35	40					
40	40	-0.045	40	+0.025	45	12	M16-30
50	50		55				

Mold Components

模具配件

BGP塑膠模導柱 (直邊)



材質20cr

熱處理硬度: HRC60°C ± 2°C

BGP塑膠模導柱尺寸對照表

基本尺寸	d直徑	公差	d1緊位	公差	D頭部	H厚度	M
12	12	-0.020	12	+0.015	17	5	M6-12
16	16	-0.025	16		20	6	M8-16
20	20	-0.030	20	+0.020	25		8
25	25		-0.035		25	30	
30	30	-0.035	30	+0.020	35	10	M12-25
35	35		40				
40	40	-0.045	40	+0.025	45	12	M16-30
50	50		50		55		

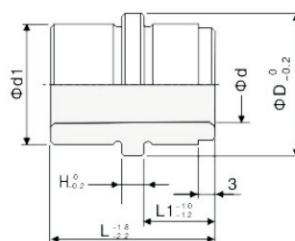
Mold Components

模具配件

EBB塑膠模中托導套 (中托司)



材質20cr



熱處理硬度：HRC60°C ± 2°C

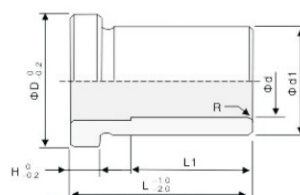
EBB中托導套尺寸對照表

基本尺寸	內孔d	公差	外徑d1	公差	D頭部	H厚度
10	10	-0.010 -0.015	14	+0.010 +0.015	18	5
12	12	-0.010 -0.020	18	+0.015 +0.020	22	
16	16		25		30	6
20	20		30		35	8
25	25	-0.015 -0.025	35	+0.020	40	
30	30		42	+0.025	47	10
35	35		46	+0.025	54	
40	40		55		+0.025	60
50	50	70	+0.030	75		
60	60	80		+0.030		85
70	70	90			95	

BA塑膠模有托導套 (托司)



材質20cr



熱處理硬度：HRC60°C ± 2°C

BA有托導套尺寸對照表

基本尺寸	內孔d	公差	外徑d1	公差	D頭部	H厚度
10	10	-0.010 -0.015	14	+0.010 +0.015	18	5
12	12	-0.010 -0.020	18	+0.015 +0.020	22	
16	16		25		30	6
20	20		30		35	8
25	25	-0.015 -0.025	35	+0.020	40	
30	30		42	+0.025	47	10
35	35		48	+0.025	54	
40	40		55		+0.025	60
50	50	70	+0.030	75		
60	60	80		+0.030		85

Mold Components

模具配件

鋼珠導套

塑膠鋼珠襯套

MBJ MS

材質: POM (工程樹脂)

鋁合金鋼珠襯套

MBS MBJH

材質: A5052S

單價: 元/套

Catalog No.		D1	D2	do	L	MBJ塑膠標準件	MBS塑膠標準	MBS鋁合金標準	MBJH鋁合金加密
Type	PD								
MBJ MS MBS MBJH	13	13.3	16.7	2	20-40	40	60	60	80
	16	16.3	19.7			46	65	66	86
	19	19.5	24.5	3	30-60	48	70	70	98
	20	20.5	25.5			48	70	70	98
	22	22.5	27.5			48	70	70	98
	25	25.2	30.5			48	70	70	98
	28	28.5	33.5	4	40-70	50	75	74	105
	32	32.5	39.5			75	108	102	152
	36	36.5	43.5	5	50-80	78	110	108	155
	38	38.5	47.5			100	118	118	164
	45	45.5	54.5			110	150	150	21
	50	50.5	59.5			120	160	165	228
	60	60.5	69.5		50-110	140	190	180	260

訂購範例 Catalog No. x L - 數量
Order MBJ 25 x 50 - 50

鋁合金鋼珠襯套

MBJH

材質: A5052S

塑膠鋼珠襯套

MBS

材質: POM (工程樹脂)

固定壓塊

STK

單價: 元/套

Catalog No.		D1	D2	do	L	MBS塑膠標準	MBJH鋁合金加密
Type	PD						
MBJH MBS	4	4.1	5.7	1	10-20	100	130
	8	8.3	11.7	2	10-30	100	130
	10	10.3	13.7	2	10-30	90	120
	12	12.3	15.7	2	20-35	90	120
	16	16.3	19.7	2	20-50	90	120
	19	19.3	24.5	3	30-60	70	98
	20	20.5	25.5	3	40-60	70	98
	22	22.5	27.5	3	40-70	70	98
	25	25.5	30.5	3	40-80	70	98

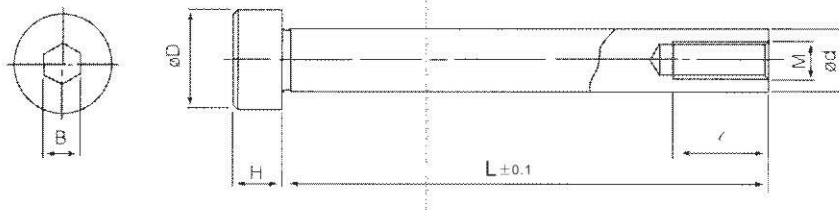
Catalog No.		STK
Type	PD	
STK	12	20
	13	20
	14	20
	16	20
	19	25
	20	25
	22	30
	25	30

訂購範例 Catalog No. x L - 數量
Order SGNH 16 x 120 - 50

Mold Components

模具配件

小拉杆A型(PBA Puller Bolt A Type)



寸法表 Dimension

M 材質	M 硬度	強度區分
SCM 435	HRC 38-44 熱處理	12.9

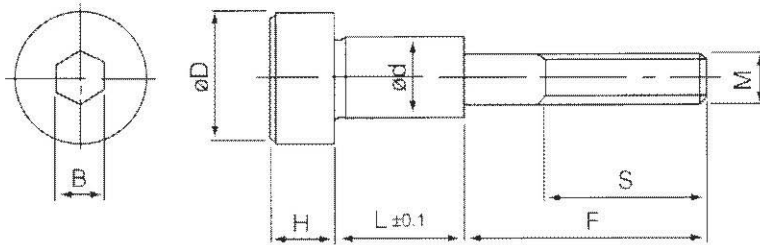
編號(Item No.)	d		D		H		M	S	B
	尺寸 Size	公差 Tolerance	尺寸 Size	公差 Tolerance	尺寸 Size	公差 Tolerance			
SSD10-A	10	0 -0.15	16	0 -0.43	8	0 -0.36	M6	12	6
SSD13-A	13		18	10	0 -0.43	M8	23	8	
SSD16-A	16	24	0 -0.52	14		0 -0.43	M10	25	10
SSD20-A	20	28		M12	30		14		
SSD25-A	25	0 -0.20	33	0 -0.62	18	M16	35	17	

Mold Components

模具配件

小拉杆C型 (PBB Puller Bolt C Type)

EXICC



寸法表 Dimension

M 材質	M 硬度	強度區分
SCM 435	HRC 38-44 熱處理	12.9

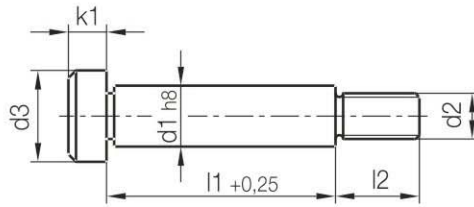
編號 (Item No.)	d		D		H		M	S	B
	尺寸 Size	公差 Tolerance	尺寸 Size	公差 Tolerance	尺寸 Size	公差 Tolerance			
SSD10-C	10	0 -0.15	16	0 -0.43	8	0 -0.36	M6	18	6
SSD13-C	13		18		10		M8	24	8
SSD16-C	16	0 -0.20	24	0 -0.52	14	0 -0.43	M10	26	10
SSD20-C	20		28		M12		30	14	
SSD25-C	25		33		18		M16	38	17

代表 尺寸	L	F
10	16	22
	21	27
13	14	30
	19	35
16	24	40
	15	35
	20	40
20	30	45
	20	45
	30	50
25	35	55
	31	60
	41	65

Mold Components

模具配件

等高螺絲 (Stripper Bolts)
SZ 38 / . . .



Icon	sw1	k1	l2	d3	d2	d1	l1	Nr./No.
4	3	4,5	9,5	10	M5	6	8	SZ38/ 6x 8
							10	10
							12	12
							16	16
							20	20
							25	25
							30	30
							40	40
							50	50
	60	60						
	4	5,5	11	13	M6	8	8	SZ38/ 8x 8
							10	10
							12	12
							16	16
							20	20
							25	25
							30	30
							40	40
							50	50
60							60	
70	70							
80	80							
5	7	13	16	M8	10	10	SZ38/10x 10	
						12	12	
						16	16	
						20	20	
						25	25	
						30	30	
						40	40	
						50	50	
						60	60	
						70	70	
80	80							
90	90							
100	100							
1	6	9	16	M10	12	12	SZ38/12x 12	
						16	16	
						20	20	

Icon	sw1	k1	l2	d3	d2	d1	l1	Nr./No.
1	6	9	16	18	M10	12	25	SZ38/12x 25
							30	30
							40	40
							50	50
							60	60
							70	70
							80	80
							90	90
							100	100
							8	11
	25	25						
	30	30						
40	40							
50	50							
60	60							
70	70							
80	80							
90	90							
100	100							
120	120							
10	14	22	30	M16	20	30	SZ38/20x 30	
						35	35	
						40	40	
						50	50	
						60	60	
						70	70	
						80	80	
						90	90	
100	100							
120	120							
140	140							
12	16	27	36	M20	24	50	SZ38/24x 50	
						60	60	
						70	70	
						80	80	
						90	90	
						100	100	
120	120							

Mold Components

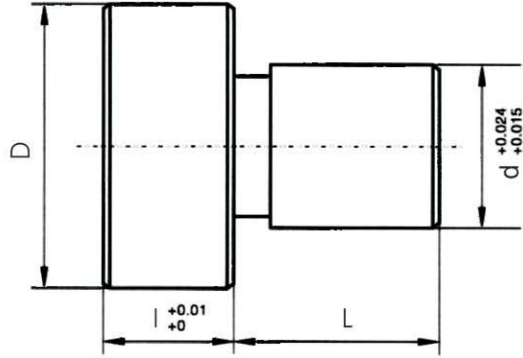
模具配件

停止梢(Stop Pin)

材质:S45C
硬度:HRC48

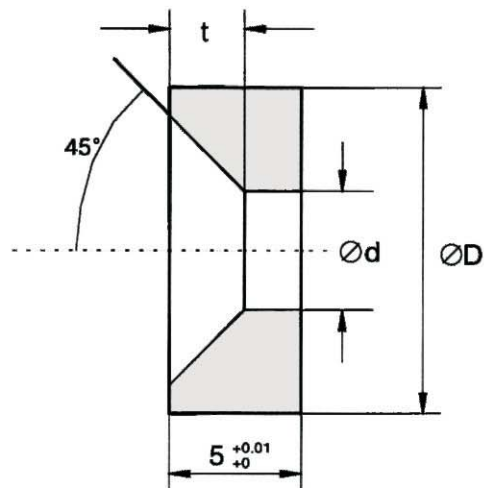


可为客户规格定制。
Customized available.



编号(Item No.)	∅ D	∅ d	L	l
SP-16	16	8	10	5

垫片(Shim)



材质:S45C
硬度:HRC48

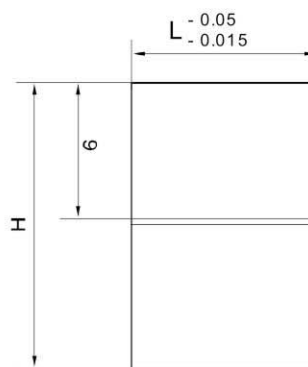
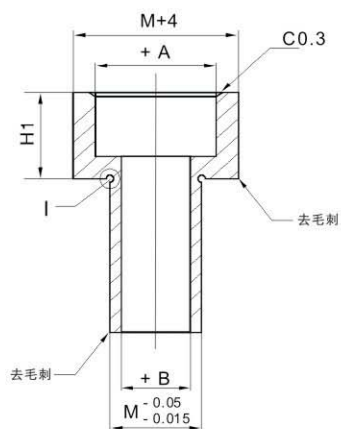


编号(Item No.)	∅ D	∅ d	t
SRA-16	16	5.5	3.0
SRA-20	20	6.6	3.5
SRA-25	25	8.5	4.4

Mold Components

模具配件

墊鐵(Back-up Block)



材質: 718(Material:718)

編號 (Item No.)	$L \begin{smallmatrix} -0.05 \\ -0.015 \end{smallmatrix}$	$M \begin{smallmatrix} -0.05 \\ -0.015 \end{smallmatrix}$	+ A	+ B	H	H1
8X6X17	8	6	8	4.3	15C 25C 35C 45	4.5
10X8X22	10	8	8	4.3	15C 25C 35C 45	4.5
12X10X27	12	10	9.5	5.3	15C 25C 35C 45	5.5
15X12X27	15	12	11	6.3	15C 25C 35C 45	6.5

Mold Components

模具配件

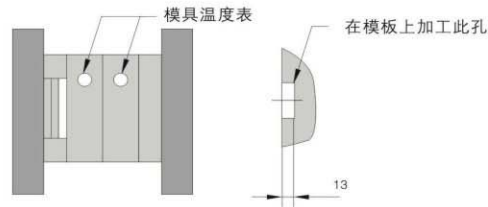
模具專用生料帶(P.T.F.E. Tape for Mold)



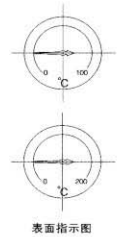
密度(Density) : 0.4 g/cm
 寬度(Width) : 12mm
 厚度(Thickness) : 0.1mm
 長度(Length) : 10M
 工作溫度(Work Temp.): -190°C ~ +370°C

測量範圍: 0-200°C
 精度: ±3
 Temp. range: 0-200°C
 Tolerance: ±3

模具溫度計 (Mold Thermo-meter)

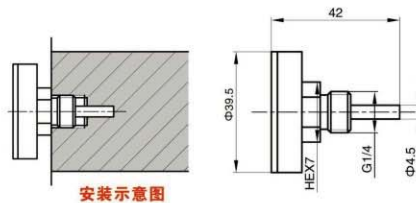


注: 如需長期使用, 建議此安裝方法



表面指示圖

型号(Item No.)	溫度範圍 (Temp.range)	直徑(Diameter)	高度(Height)	範圍與精度 (Temp.range & tolerance)
NKC-100	0~100	40	13	100°C ±2
NKC-200	0~200	40	13	200°C ±3

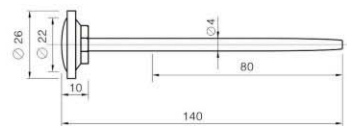


測量範圍: 0-200°C
 精度: ±3

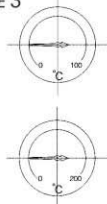


表面指示圖

型号(Item No.)	範圍與精度 (Temp.range & tolerance)
SNKC-100	100°C ±3



測量範圍: 0-200°C
 精度: ±3



表面指示圖

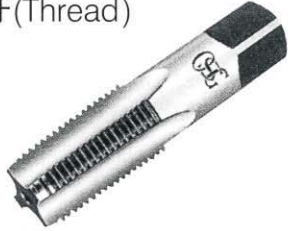
型号(Item No.)	範圍與精度 (Temp.range & tolerance)
SSNKC-100	100°C ±3
SSNKC-200	200°C ±3

安裝示意圖

Mold Components

模具配件

絲攻螺紋工具
PT/NPT牙(Thread)



編號(Item No.)	規格(TYPE)	編號(Item No.)	規格(TYPE)
SK-01PT	1/8PT /G	SK-01NPT	1/8NPT
SK-02PT	1/4PT /G	SK-02NPT	1/4NPT
SK-03PT	3/8PT /G	SK-03NPT	3/8NPT
SK-04PT	1/2PT /G	SK-04NPT	1/2NPT
SK-06PT	3/4PT /G	SK-06NPT	3/4NPT
SK-08PT	1PT /G	SK-08NPT	1NPT

螺紋環規
Thread Ring Gage(GO/NO GO)



類別	英制錐管螺紋		英制直管螺紋	美制錐管螺紋
編號	規格(日標)	規格(歐標)	規格	規格
STRG	1/8PT	RB1/8	G1/8	1/8NPT
STRG	1/4PT	RB1/4	G1/4	1/4NPT
STRG	3/8PT	RB3/8	G3/8	3/8NPT
STRG	1/2PT	RB1/2	G1/2	1/2NPT
STRG	3/4PT	RB3/4	G3/4	3/4NPT
STRG	1PT	RB1	G1	1NPT

螺紋塞規
Thread Plug Gage(GO/NO GO)

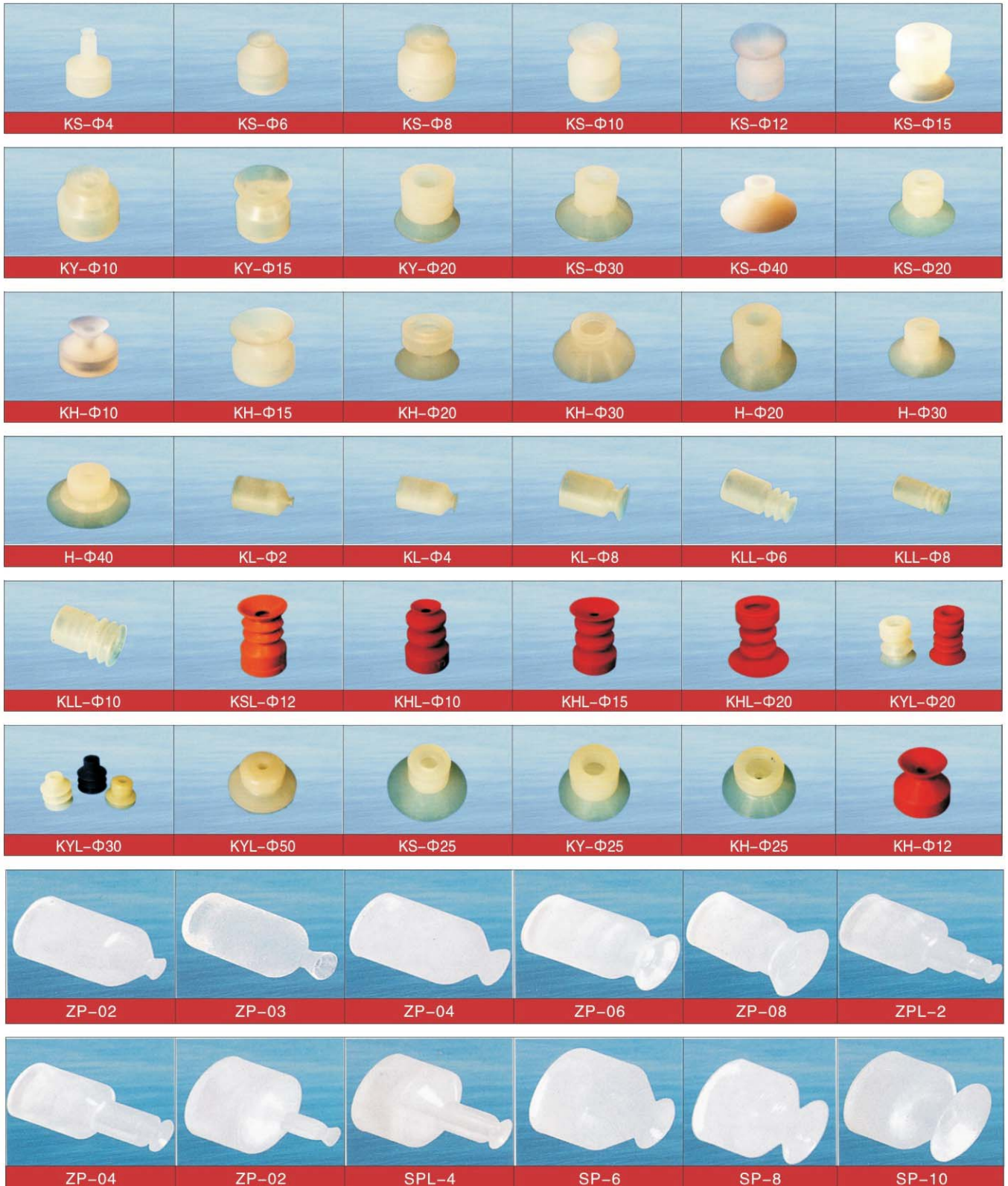


類別	英制錐管螺紋		英制直管螺紋	美制錐管螺紋
編號	規格(日標)	規格(歐標)	規格	規格
STPG	1/8PT	RB1/8	G1/8	1/8NPT
STPG	1/4PT	RB1/4	G1/4	1/4NPT
STPG	3/8PT	RB3/8	G3/8	3/8NPT
STPG	1/2PT	RB1/2	G1/2	1/2NPT
STPG	3/4PT	RB3/4	G3/4	3/4NPT
STPG	1PT	RB1	G1	1NPT

Plastic Injection Accessories

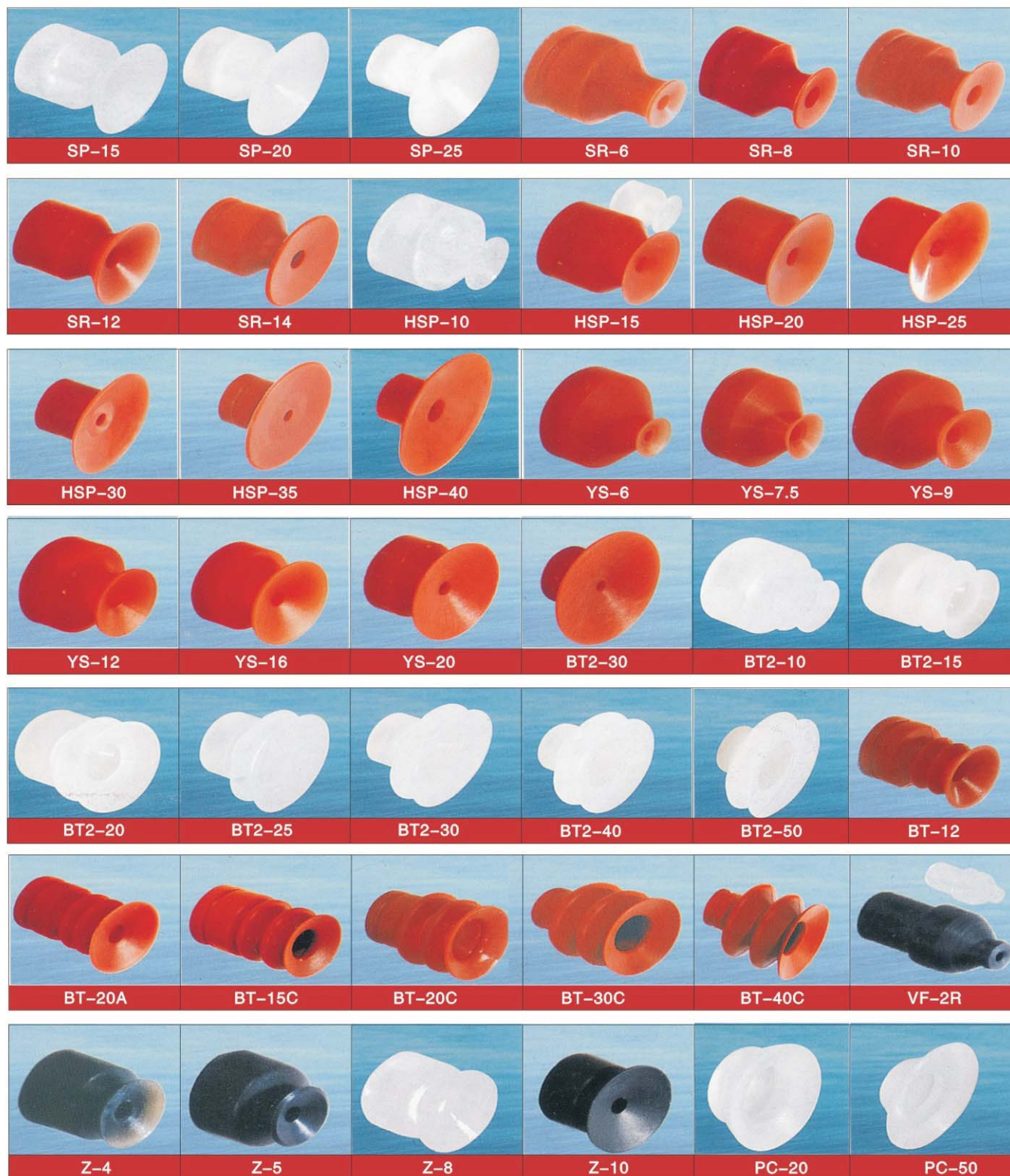
注塑廠配件

機械手吸盤(Sucking CAP)



Plastic Injection Accessories

注塑廠配件



Plastic Injection Accessories

注塑廠配件



Plastic Injection Accessories

注塑廠配件

機械手彈簧座(Sucking Base)

					
CN 525 Φ6	CN 526 Φ8	CN 527 Φ6	CN 528 Φ10	SS-20金具	SS-30金具
					
S-05金具	S-10金具	S-20金具	S-30金具	FB-SSH防转金具	FB-SH防转金具
					
哈模塑钢具 (平头)	哈模塑钢金具 (尖头)	SS-01A哈模金具 (平头)	哈模金具 (尖头)	迷你金具H2	迷你金具T2
					
有信金个ST2	有信金具ST2L	有信金具T1	有信金具T2L	有信金具	PCB金具
					
继手T1	继手T2	25圆夹片	50 x 30	50 x 30夹片	60 x 35夹片
					
NCD-10气缸	NCD-20气缸	1810气缸	1820气缸	1210HPW微型气缸	1210HP微型气缸
					
M4固定金具	H14金具固定块	L型 固定块	各款式治具铝条	M5-6 x 4.气咀	

Plastic Injection Accessories

注塑廠配件



PF-80



H80



PCG90



BL-155

Plastic Injection Accessories

注塑廠配件

切絲器 (Shredding Device)

塑膠射出自動切絲器之特點:

- 1.此產品安裝簡易，使用時無須保養
- 2.不影響架模作業程序，以避免增加生產工時
- 3.不須耗電，不增加額外附加成本
- 4.可以相互替代使用，可降低成本
- 5.外型美觀，安裝後與安裝前外形無異



第二代切絲器

第二代切絲器產品規格

規格	型號	CS103	CS104	CS105	CS106	CS107
外徑 O.D.		25m/m	25m/m	25m/m	25m/m	25m/m
厚度		2m/m	2m/m	2m/m	2m/m	2m/m
入料孔 Material feeding hole		3m/m	4m/m	5m/m	6m/m	7m/m



第2代切絲器 安裝說明

- (一) 1.將模具之射出嘴取出修改；
2.再將射出嘴入料孔中心處修改為深度1-2m/m,直徑為25m/m之平面凹槽；
3.將切絲器放置凹槽內，裝回模具；
- (二) 1.確認模具射嘴是否為平面；
2.射嘴若非平面，請將射嘴修平；
3.將切絲器入料孔對準模具射嘴入料孔（切絲器有磁性將吸附在射嘴上）；
- (三) 1.若無射嘴之模具，也請將入料孔中心處修平（切絲器直接對準入料孔）
2.或將入料孔中心處修改為深度1-2m/m直徑為25 m/m之平面凹槽，再將切絲器 放置凹槽內。

尼龍材質



安裝前



安裝後

ABS材質



安裝前



安裝後

塑膠射出自動切絲器，特別針對各種材質塑膠制品設計，讓產品更加精緻，更完美。

適用材質

PS、PP、PE、ABS、AS、PA、LCP、PC、PBT、POM、475、尼龍、壓克力等各種塑膠射出原料材質。

Plastic Injection Accessories

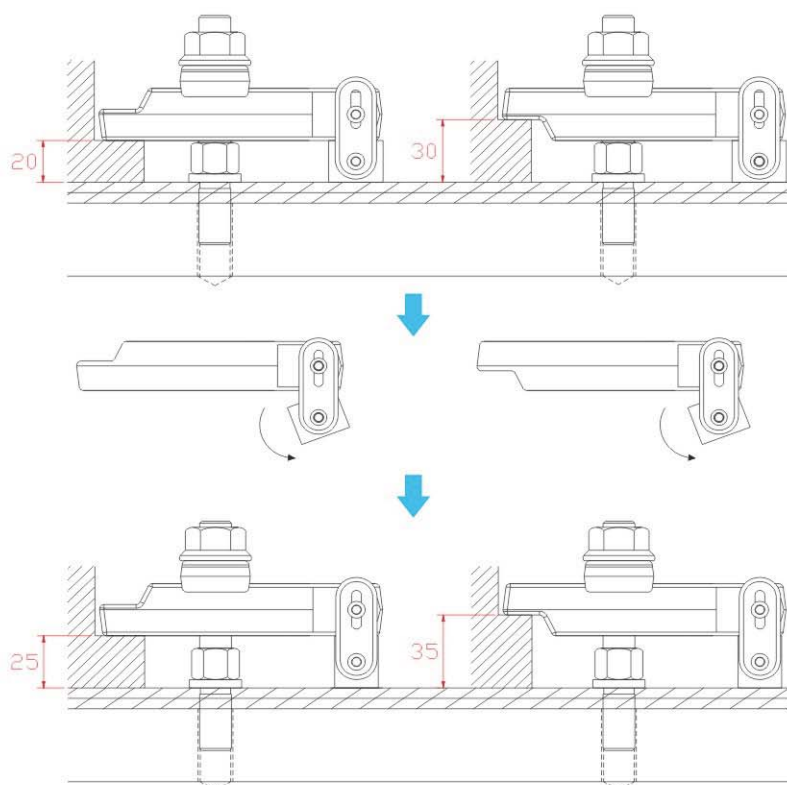
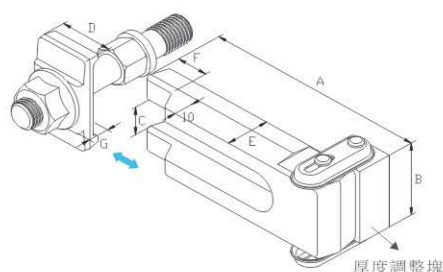
注塑廠配件

專業模具用壓板（螺帽、螺栓） Professional Mold Plate (nuts, bolts)



規 格	CE12-95B	CE16-95B	CE16-130B			
各 部 尺 寸	A	95	95	130		
	B	44	44	44		
	C	16.5	16.5	16.5		
	D	32	32	32		
	E	25	25	25		
	F	18	18	18		
	G	11	11	11		
BLOCK尺寸 Block size	20x25		20x25	20x25		
適用模具固定板厚度 Applicable fixed mold plate thickness	20、30	25、35	20、30	25、35	20、30	25、35
全高 Entire height	76		80	80		
適用雙頭牙螺絲 Applicable dual-head screw	M12x1.75-96L		M16x2.0-110L		M16x2.0-110L	
螺絲固定長度 Screw fixed length	20		30		30	
斷熱板5mm時 Tundish board 5mm	15		25		25	
斷熱板10mm時 Tundish board 10mm	10		20		20	

SMART CLAMP 選 用 表



- 標準規格，四重搭配
- 一體連結，管理容易
- 安裝拆卸，簡單容易

Plastic Injection Accessories

注塑廠配件

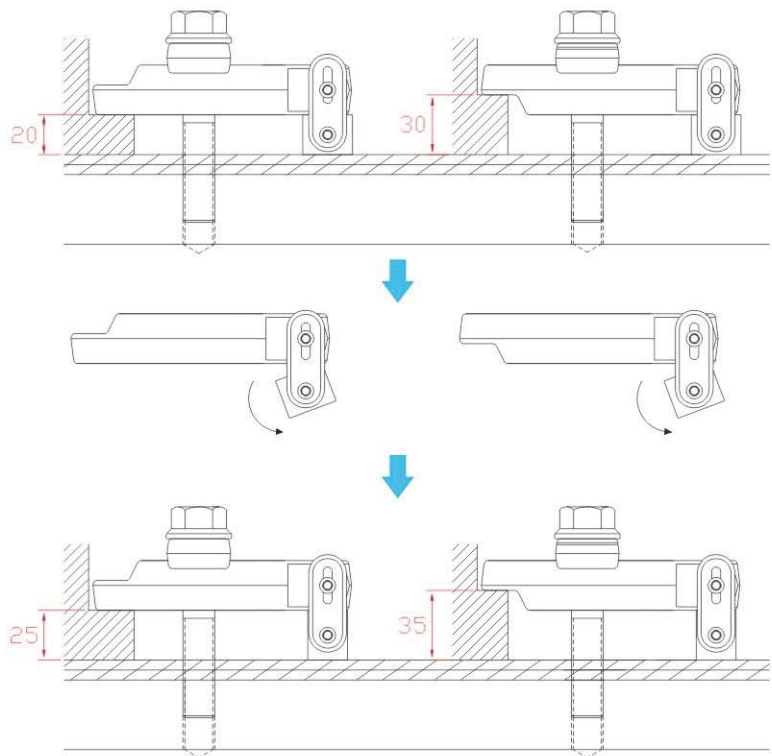
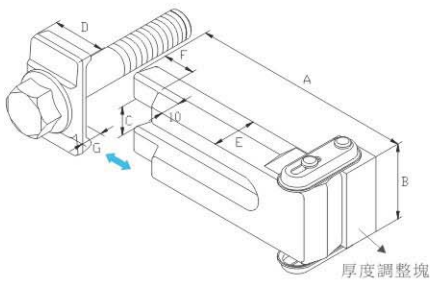
專業模具用壓板 (螺帽、螺栓) Professional Mold Plate (nuts, bolts)



規 格	CE12-95	CE16-95	CE16-130			
各 部 尺 寸	A	95	95	130		
	B	44	44	44		
	C	16.5	16.5	16.5		
	D	32	32	32		
	E	25	25	25		
	F	18	18	18		
	G	11	11	11		
BLOCK尺寸 Block size	20x25		20x25		20x25	
適用模具固定板厚度 Applicable fixed mold plate thickness	20、30	25、35	20、30	25、35	20、30	25、35
全高 Entire height	67	72	72	77	72	77
適用螺絲 Applicable screw	M12x1.75-80L		M16x2.0-90L		M16x2.0-90L	
螺絲固定長度 Screw fixed length	19	24	29	34	29	34
斷熱板5mm時 Tundish board 5mm	14	19	24	29	24	29
斷熱板10mm時 Tundish board 10mm	9	14	19	24	19	24

SMART CLAMP

選 用 表



- 標準規格，四重搭配
- 一體連結，管理容易
- 安裝拆卸，簡單容易

Plastic Injection Accessories

注塑廠配件

離型劑自動噴霧器(Automatic Spray Release Agent)



B-828



專利54503號

本公司苦心研究多年，歷經無數次之試驗，始研制成功之離型劑自動噴霧機，相信對貴公司之射出成型機，有相當大之助益。讓您財源廣進。

本產品適用於塑膠射出成型機、橡膠射出成型機、鋁制射出成型機。

本機采活動型式，可自由轉換機臺及方向使用。本產品之功能有四大優點：定時、定量、定次、定點、決不誤差。

1.時間即金錢

本產品可定時噴混離型劑，可減少您手工噴混離型劑的寶貴時間。

2.浪費即金錢

本產品可定量噴混離型劑，以節省您不必要的浪費。

3.損失即金錢

本產品可定次噴混離型劑，避免人工提前或延誤噴混，造成產品不良之損失。

4.適量即金錢

本產品定點噴混離型劑，避免人工噴混面積之擴大或油量之過多，節省離型劑之消耗及表面油痕。

聰明的老板：請您仔細的計算看看按裝本產品後的獲利增加多少？

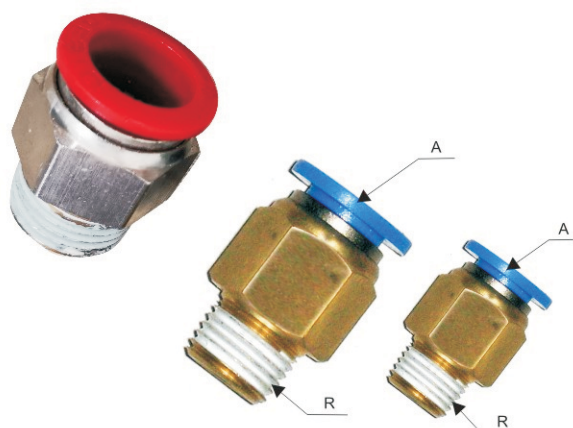
Plastic Injection Accessories

注塑廠配件

塑料空壓接頭(PLASTIC AIR PRESSURE CONNECTOR)

<table border="1"> <tr><th>規格Type</th></tr> <tr><td>SP-20</td></tr> <tr><td>SP-30</td></tr> <tr><td>SP-40</td></tr> </table>	規格Type	SP-20	SP-30	SP-40		<table border="1"> <tr><th>規格Type</th></tr> <tr><td>SM-20</td></tr> <tr><td>SM-30</td></tr> <tr><td>SM-40</td></tr> </table>	規格Type	SM-20	SM-30	SM-40		<table border="1"> <tr><th>規格Type</th></tr> <tr><td>SH-20</td></tr> <tr><td>SH-30</td></tr> <tr><td>SH-40</td></tr> </table>	規格Type	SH-20	SH-30	SH-40	
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SH-30																	
SH-40																	
SF		PP		PM													
<table border="1"> <tr><th>規格Type</th></tr> <tr><td>SF-20</td></tr> <tr><td>SF-30</td></tr> <tr><td>SF-40</td></tr> </table>	規格Type	SF-20	SF-30	SF-40		<table border="1"> <tr><th>規格Type</th></tr> <tr><td>PP-20</td></tr> <tr><td>PP-30</td></tr> <tr><td>PP-40</td></tr> </table>	規格Type	PP-20	PP-30	PP-40		<table border="1"> <tr><th>規格Type</th></tr> <tr><td>PM-20</td></tr> <tr><td>PM-30</td></tr> <tr><td>PM-40</td></tr> </table>	規格Type	PM-20	PM-30	PM-40	
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PM-40																	
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PH-30																	
PH-40																	
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PF-20																	
PF-30																	
PF-40																	
規格Type																	
SMV二通接頭																	
SMY三通接頭																	

省力接頭(Quick Fitting)

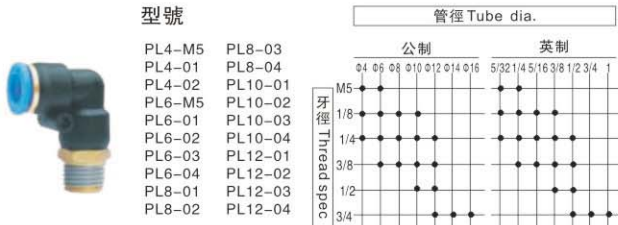


系列(Series)	編號(Item No.)	氣管外徑TUBE O.D(A)	牙螺紋(Thread size)(R)
SPC	SPC6-01PT	6	1/8PT
	SPC6-02PT		1/4PT
	SPC8-01PT	8	1/8PT
	SPC8-02PT		1/4PT
	SPC8-03PT		3/8PT
	SPC10-01PT	10	1/8PT
	SPC10-02PT		1/4PT
	SPC10-03PT		3/8PT
	SPC12-02PT	12	1/4PT
	SPC12-03PT		3/8PT

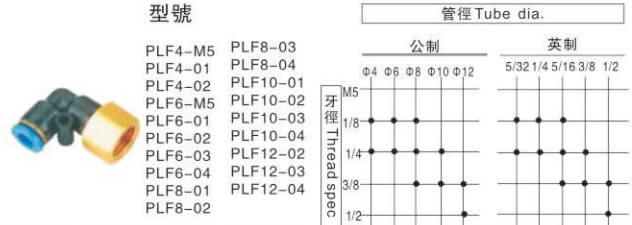
Plastic Injection Accessories

注塑廠配件

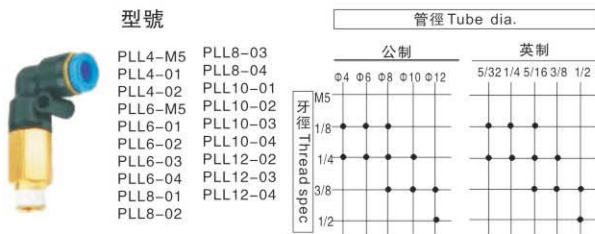
PLL型螺紋三通



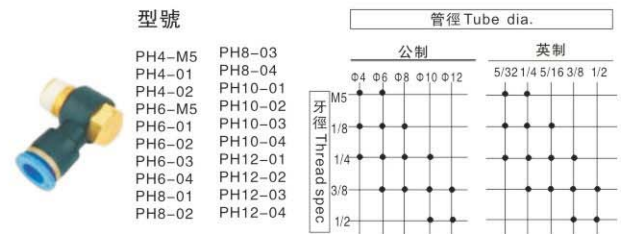
PLFL型螺紋三通



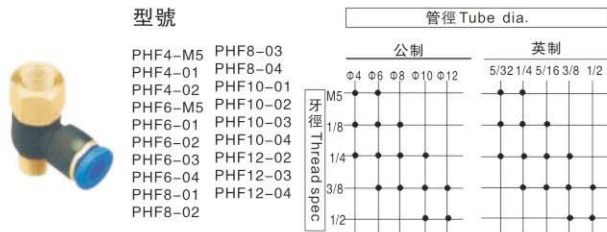
PLL L型加長螺紋三通



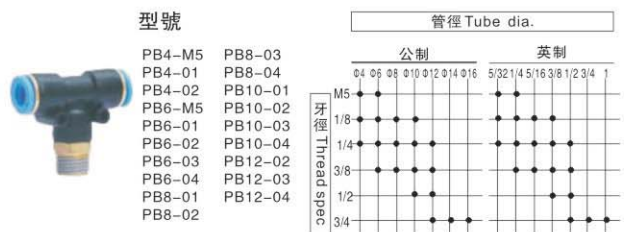
PH外六角接頭



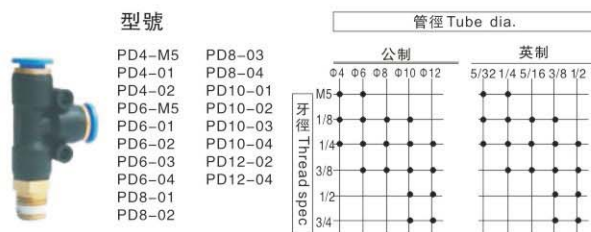
PHF串聯接頭



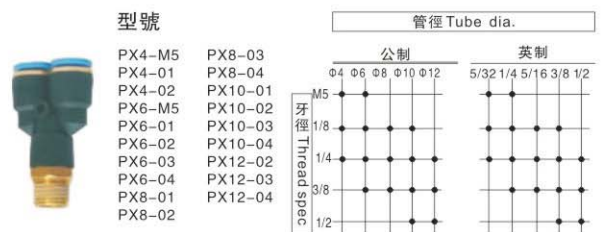
PB T型螺紋三通



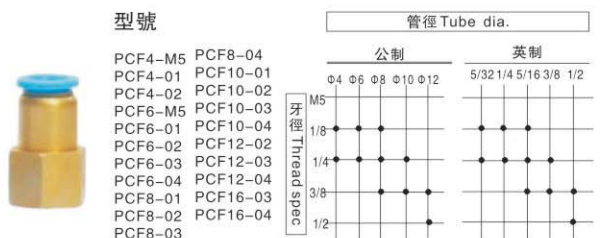
PD T型側三通外螺



PX Y型螺紋三通



PCF內螺紋直通



Plastic Injection Accessories

注塑廠配件

PK五通



型號

- PK4
- PK6
- PK8
- PK10
- PK12

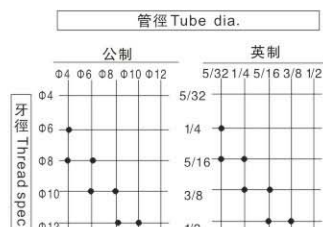


PKG五通變徑



型號

- PKG4-4
- PKG6-4
- PKG8-6
- PKG10-8
- PKG12-10

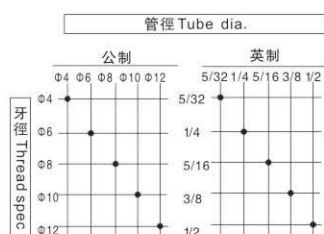


PM隔板直通



型號

- PM4
- PM6
- PM8
- PM10
- PM12
- PM16

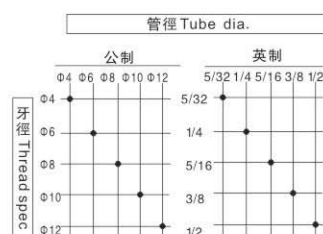


PU直通



型號

- PU4
- PU6
- PU8
- PU10
- PU12
- PU14
- PU16

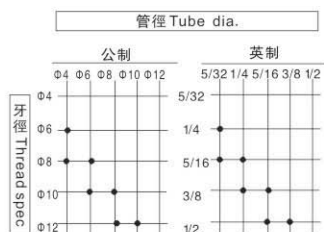


PG直通變徑



型號

- PG6-4
- PG8-4
- PG8-6
- PG10-6
- PG10-8
- PG12-8
- PG12-10
- PG16-12

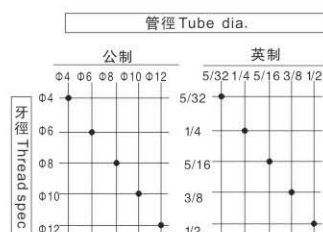


PV L型二通



型號

- PV4
- PV6
- PV8
- PV10
- PV12
- PV14
- PV16

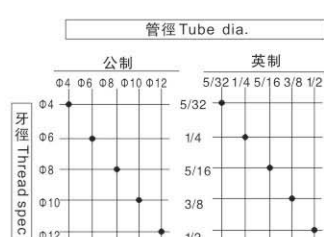


PY Y型三通



型號

- PY4
- PY6
- PY8
- PY10
- PY12
- PY16



PYG Y型三通變徑



型號

- PYG6-4
- PYG8-4
- PYG8-6
- PYG10-6
- PYG10-8
- PYG12-8
- PYG12-10



PE T型三通



型號

- PE4
- PE6
- PE8
- PE10
- PE12
- PE14
- PE16

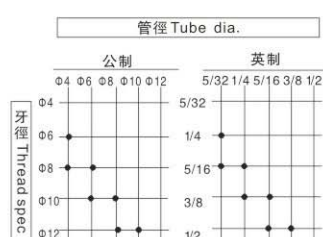


PEG T型三通變徑



型號

- PEG6-4
- PEG8-4
- PEG8-6
- PEG10-6
- PEG10-8
- PEG12-8
- PEG12-10
- PEG16-12



Plastic Injection Factory Parts

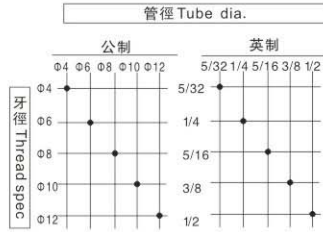
注塑廠配件

PZA十字四通



型號

- PZA4
- PZA6
- PZA8
- PZA10
- PZA12

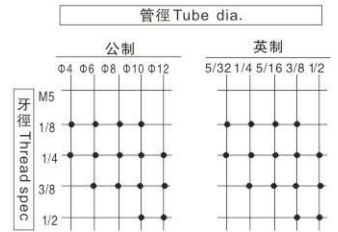


SL節流閥



型號

- SL4-M5
- SL4-01
- SL4-02
- SL6-M5
- SL6-01
- SL6-02
- SL6-03
- SL6-04
- SL8-01
- SL8-02
- SL8-03
- SL8-04
- SL10-01
- SL10-02
- SL10-03
- SL10-04
- SL12-02
- SL12-03
- SL12-04
- SL16-04

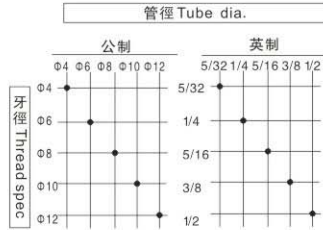


LSA管道型



型號

- PSA4
- PSA6
- PSA8
- PSA10
- PSA12
- PSA16

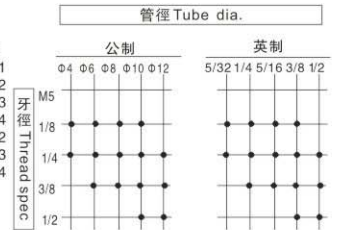


PKB型螺紋五通



型號

- PKB4-01
- PKB4-02
- PKB6-01
- PKB6-02
- PKB6-03
- PKB8-01
- PKB8-02
- PKB8-03
- PKB10-01
- PKB10-02
- PKB10-03
- PKB10-04
- PKB12-02
- PKB12-03
- PKB12-04

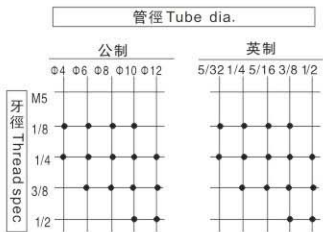


PKD型螺紋五通



型號

- PKD4-01
- PKD4-02
- PKD6-01
- PKD6-02
- PKD6-03
- PKD8-01
- PKD8-02
- PKD8-03
- PKD10-01
- PKD10-02
- PKD10-03
- PKD10-04
- PKD12-02
- PKD12-03
- PKD12-04

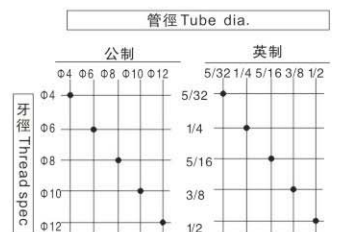


HVFF手動開關



型號

- HVFF-4
- HVFF-6
- HVFF-8
- HVFF-10
- HVFF-12
- HVFF-16



測壓治具



Plastic Injection Factory Parts

注塑廠配件

全金屬省力接頭 (QUICK FITTING)

JPC



規格Type	規格Type
4-M5	8-03
4-01	8-04
4-02	10-01
6-M5	10-02
6-01	10-03
6-02	10-04
6-03	12-01
6-04	12-02
8-01	12-03
8-02	12-04

JPOC



規格Type	規格Type
4-M5	8-03
4-01	8-04
4-02	10-01
6-M5	10-02
6-01	10-03
6-02	10-04
6-03	12-01
6-04	12-02
8-01	12-03
8-02	12-04

JSL



規格Type	規格Type
4-M5	8-03
4-01	8-04
4-02	10-01
6-M5	10-02
6-01	10-03
6-02	10-04
6-03	12-01
6-04	12-02
8-01	12-03
8-02	12-04

JPC



規格Type	規格Type
4-M5	8-03
4-01	8-04
4-02	10-01
6-M5	10-02
6-01	10-03
6-02	10-04
6-03	12-01
6-04	12-02
8-01	12-03
8-02	12-04

其它省力接頭 (QUICK FITTING)

DPC



規格Type	規格Type	規格Type
4-M5	8-M5	12-02
4-01	8-01	12-03
4-02	8-02	12-04
4-03	8-03	14-02
4-04	8-04	14-03
6-M5	10-01	14-04
6-01	10-02	16-02
6-02	10-03	16-03
6-03	10-04	16-04
6-04	12-01	16-06

DPOC



規格Type	規格Type	規格Type
4-M5	8-03	14-02
4-01	8-04	14-03
4-02	10-01	14-04
6-M5	10-02	16-02
6-01	10-03	16-03
6-02	10-04	16-04
6-03	12-01	16-06
6-04	12-02	
8-01	12-03	
8-02	12-04	

Hose

管類

滌綸紡織網管(Terylene Braided Hose)

臺塑滌綸紡網管(G. M. H. Terylene Braided Hose)



編號 (Item No)	規格 (Type)	內徑(I.D.)*外徑(O.D.)mm	常用壓力(kgf/cm ²) Common pressure	破壞壓力(kgf/cm ²) Destructive force
GMH-02PT	1/4	6 * 11	8	30
GMH-03PT	3/8	10 * 15	9	27
GMH-04PT	1/2	12 * 18	10	30
GMH-05PT	5/8	15 * 21	8	24
GMH-06PT	3/4	19 * 26	8	18
GMH-08PT	1	25 * 33	8	24

備註: 工作溫度(Working Temp.): 0°C~+65°C

日本東洋滌綸紡織網管(Japan TOYORON Terylene Braided Hose)

編號 (Item No)	規格 (Type)	內徑(I.D.)*外徑(O.D.)mm	常用壓力(kgf/cm ²) Common pressure	破壞壓力(kgf/cm ²) Destructive force
GMH-02PT	1/4	6 * 11	10	73
GMH-03PT	3/8	9 * 15	10	56
GMH-04PT	1/2	12 * 18	8	52
GMH-05PT	5/8	15 * 22	8	46
GMH-06PT	3/4	19 * 26	6	38
GMH-08PT	1	25 * 33	6	30

備註: 工作溫度(Working Temp.): -5°C~+65°C

臺塑橡膠風炮管(G.M.H. Rubber Wind Pipe)



編號 (Item No)	規格 (Type)	內徑(I.D.)mm	外徑(O.D.)mm	工作壓力(kgf/cm ²) Working pressure
GMH-R02PT	5/16	8	13	25
GMH-R03PT	3/8	10	15	25
GMH-R04PT	1/2	13	19	25
GMH-R05PT	5/8	16	23	25
GMH-R06PT	3/4	19	27	25
GMH-R08PT	1	25	32.5	25

備註: 工作溫度(Working Temp.): -30°C~+100°C

PU氣動膠管(PU Pneumatic Rubber Tube)

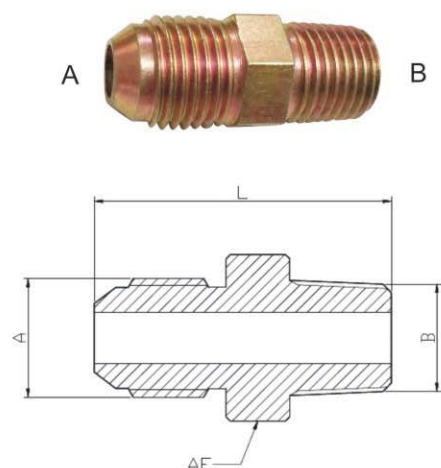


編號 (Item No)	內徑(I.D.)*外徑(O.D.)mm	工作壓力(kgf/cm ²) Working pressure
PU-4*2.5	4 * 25	10
PU-4*6	4 * 6	10
PU-5*8	5 * 8	10
PU-6.5*10	6.5 * 10	10
PU-8*12	8 * 12	8
PU-9.6*12.6	9.6 * 12.6	8
PU-13*16	13 * 16	6

備註: 工作溫度(Working Temp.): 0°C~+65°C

Oil Nipple 油嘴

油嘴 (Oil Nipple)



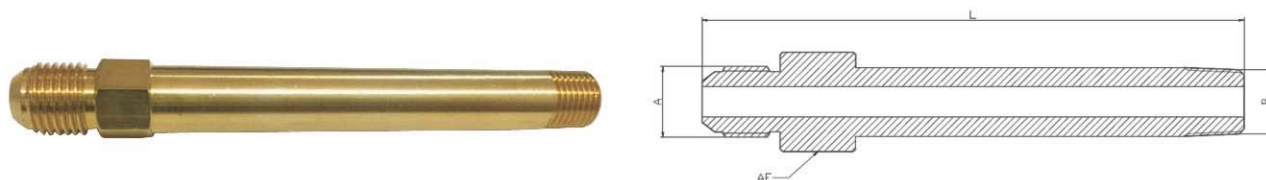
1.美制油嘴

型號(Mode NO.)	A(接油管)	B(接模具內牙)	L	A/F
ON-1/4H*1/8PT-M	1/4H(7/16UNF)	1/8PT	34	11
ON-1/4H*1/4PT-M	1/4H(7/16UNF)	1/4PT	34	11
ON-3/8H*1/8PT-M	3/8H(9/16UNF)	1/8PT	32	14
ON-3/8H*1/4PT-M	3/8H(9/16UNF)	1/4PT	34	14
ON-3/8H*3/8PT-M	3/8H(9/16UNF)	3/8PT	34	17
ON-1/2H*3/8PT-M	1/2H	3/8PT	40	21
ON-1/2H*1/2PT-M	1/2H	1/2PT	40	21

備注:

上述直型油嘴: B端牙型可按客戶需求訂制, 型號書寫如: ON-A端牙型*B端牙型-M, 例如: ON-3/8H*1/4NPT-M

加長型油嘴



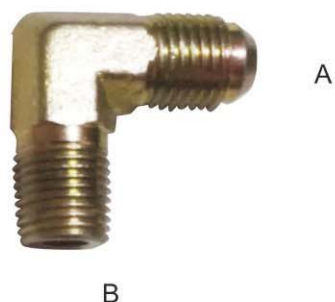
型號(Mode NO.)	A(接油管)	B (接模具內牙)	L	A/F
ON-3/8H*1/8PT-100	3/8H(9/16UNF)	1/8PT	100	14
ON-3/8H*1/4PT-100	3/8H(9/16UNF)	1/4PT	100	14
ON-3/8H*3/8PT-100	3/8H(9/16UNF)	3/8PT	100	17

備注:

以上加長油嘴型號祇例舉常用的, 全長及牙型可按客戶需求訂制.

加長油嘴型號書寫如: ON-A端牙型*B端牙型*全長, 例如: ON-3/8H*1/4PT*100mm

90度油嘴

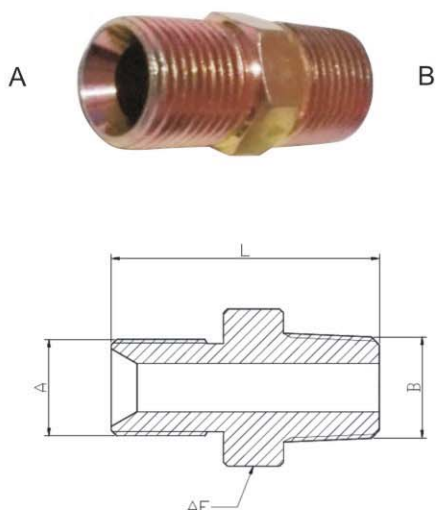


備注:

90度油嘴型號: ON-A端牙型*B端牙型*90度,
例如: ON-3/8H*1/4PT*90度

PS:油嘴材質有: 黃銅、不銹鋼、鐵鍍五彩

Oil Nipple 油嘴

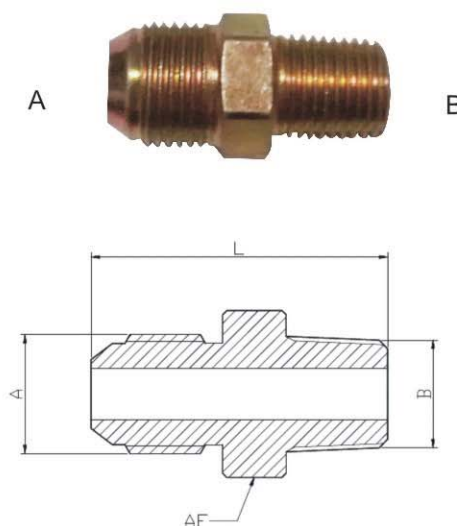


2. 英制凹头油嘴

型號(Mode NO.)	A(接油管)	B(接模具內牙)	L	A/F
ON-1/4BSP凹*1/8PT-M	1/4BSP凹	1/8PT	34	11
ON-1/4BSP凹*1/4PT-M	1/4BSP凹	1/4PT	34	11
ON-3/8BSP凹*1/8PT-M	3/8BSP凹	1/8PT	34	14
ON-3/8BSP凹*1/4PT-M	3/8BSP凹	1/4PT	34	14
ON-3/8BSP凹*3/8PT-M	3/8BSP凹	3/8PT	34	17
ON-1/2BSP凹*3/8PT-M	1/2BSP凹	3/8PT	40	21
ON-1/2BSP凹*1/2PT-M	1/2BSP凹	1/2PT	40	21

備注：

1. B端牙型可按客戶需求訂制，型號書寫如：ON-A端牙型*B端牙型*全長，例如：ON-3/8BSP凹*1/4NPT-M
2. 油嘴可以做加長型，加長油嘴型號書寫如：ON-A端牙型*B端牙型*全長，
例如：ON-3/8BSP凹*1/4PT*100mm
3. 此類油嘴有90度標準件，型號書寫如：ON-A端牙型*B端牙型*90度，例如：ON-3/8H*1/4PT*90度
4. 油嘴材質有：鐵鍍五彩、黃銅、不銹鋼



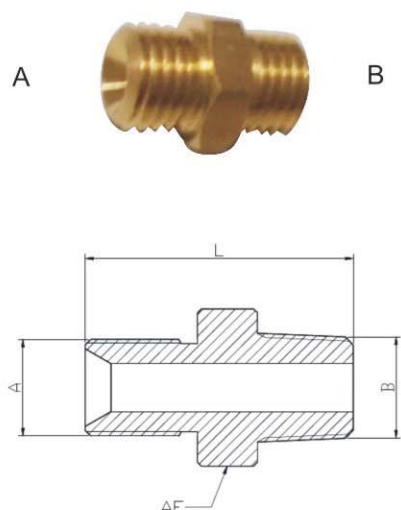
3. 英制凸头油嘴

型號(Mode NO.)	A(接油管)	B(接模具內牙)	L	A/F
ON-1/4BSP凸*1/8PT-M	1/4BSP凸	1/8PT	34	11
ON-1/4BSP凸*1/4PT-M	1/4BSP凸	1/4PT	34	11
ON-3/8BSP凸*1/8PT-M	3/8BSP凸	1/8PT	34	14
ON-3/8BSP凸*1/4PT-M	3/8BSP凸	1/4PT	34	14
ON-3/8BSP凸*3/8PT-M	3/8BSP凸	3/8PT	34	17
ON-1/2BSP凸*3/8PT-M	1/2BSP凸	3/8PT	40	21
ON-1/2BSP凸*1/2PT-M	1/2BSP凸	1/2PT	40	21

備注：

1. 油嘴B端牙型可按客戶需求訂制，型號書寫如：ON-A端牙型*B端牙型*全長，例如：ON-3/8BSP凸*1/4NPT-M
2. 油嘴可以做加長型，加長油嘴型號書寫如：ON-A端牙型*B端牙型*全長，
例如：ON-3/8BSP凸*1/4PT*100mm
3. 油嘴材質有：鐵鍍五彩、黃銅、不銹鋼

Oil Nipple 油嘴

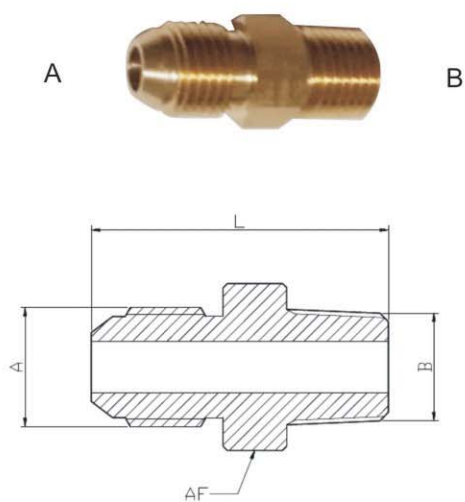


4. 公制凹頭油嘴

型號(Mode NO.)	A(接油管)	B(接模具內牙)	L	A/F
ON-M14*1.5凹*1/8PT-M	M14*1.5凹	1/8PT	34	11
ON-M14*1.5凹*1/4PT-M	M14*1.5凹	1/4PT	34	11
ON-M16*1.5凹*1/8PT-M	M16*1.5凹	1/8PT	34	14
ON-M16*1.5凹*1/4PT-M	M16*1.5凹	1/4PT	34	14
ON-M18*1.5凹*3/8PT-M	M18*1.5凹	3/8PT	34	17
ON-M18*1.5凹*3/8PT-M	M18*1.5凹	3/8PT	40	21
ON-M18*1.5凹*1/2PT-M	M18*1.5凹	1/2PT	40	21

備注：

1. B端牙型可按客戶需求訂制，型號書寫如：ON-A端牙型*B端牙型*全長，例如：ON-M16*1.5凹*1/4NPT-M
2. 油嘴可以做加長型，加長油嘴型號書寫如：ON-A端牙型*B端牙型*全長，
例如：ON-M16*1.5凹*1/4PT*100mm
3. 油嘴材質有：鐵發黑、黃銅、不銹鋼



5. 公制凸頭油嘴

型號(Mode NO.)	A(接油管)	B(接模具內牙)	L	A/F
ON-M14*1.5凸*1/8PT-M	M14*1.5凸	1/8PT	34	11
ON-M14*1.5凸*1/4PT-M	M14*1.5凸	1/4PT	34	11
ON-M16*1.5凸*1/8PT-M	M16*1.5凸	1/8PT	34	14
ON-M16*1.5凸*1/4PT-M	M16*1.5凸	1/4PT	34	14
ON-M18*1.5凸*3/8PT-M	M18*1.5凸	3/8PT	34	17
ON-M18*1.5凸*3/8PT-M	M18*1.5凸	3/8PT	40	21
ON-M18*1.5凸*1/2PT-M	M18*1.5凸	1/2PT	40	21

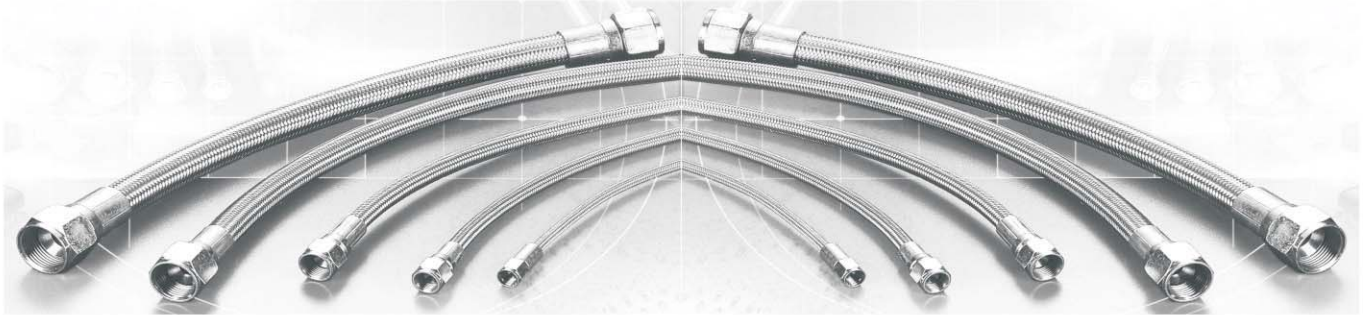
備注：

1. B端牙型可按客戶需求訂制，型號書寫如：ON-A端牙型*B端牙型*全長，例如：ON-M16*1.5凸*1/4NPT-M
2. 油嘴可以做加長型，加長油嘴型號書寫如：ON-A端牙型*B端牙型*全長，
例如：ON-M16*1.5凸*1/4PT*100mm
3. 油嘴材質有：鐵發黑、黃銅、不銹鋼

Hose

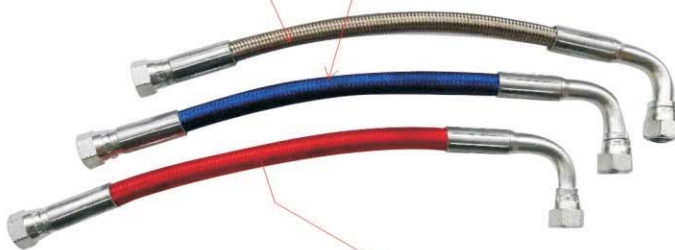
管類

鐵弗龍管(P. T. F. E. Hose)

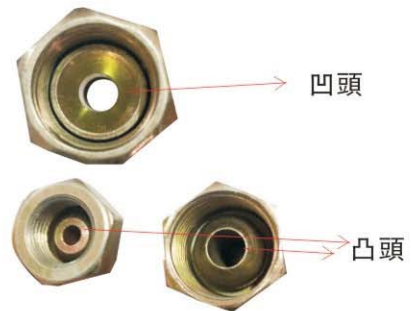


其它顏色保溫棉鐵氟龍管

藍色保溫棉鐵弗龍管



紅色保溫棉鐵弗龍管



凹頭

凸頭

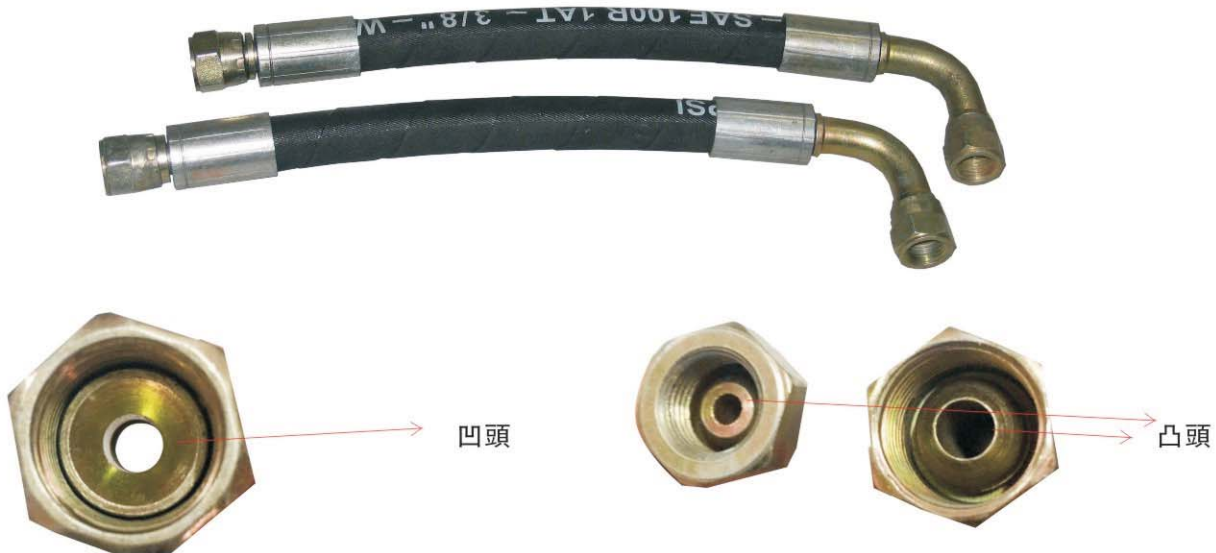
編號 (Item)	內徑 (I.D)(mm)	外徑 (O.D)(mm)	常用工作壓力 (kg)	最小彎曲半徑 /mm ± 3mm	內螺紋(可根據需要選配) (Internal Thread)
FHS-20	5.5mm~6mm	8~8.5mm	16KG	75	6/17UNF(1/4H)、1/4BSP凸、 1/4BSP凹、……
FHS-25	6mm~6.5mm	9~9.5mm	16KG	81	6/17UNF(1/4H)、1/4BSP凸、 1/4BSP凹、M14*1.5凸、 M14*1.5凹、……
FHS-30	7.5~8mm	11~11.5mm	16KG	92	9/16UNF(3/8H)、3/8BSP凸、 3/8BSP凹、M16*1.5凸、 M16*1.5凹、……
FHS-40	9.5~10mm	12.5~13mm	16KG	131	1/2H、1/2BSP凸 ……

備注：

1. 工作溫度-40度~+250度，最高溫時最大耐壓13KG左右。
2. 鐵弗龍管兩端壓的內螺紋接頭形狀有：直型、90度型、有部分型號有45度型，可根據需要選定. 若一端直接需壓外牙，也OK，客戶提供圖紙即可。
3. 管子兩端接頭型狀的表示方法：雙直、一彎一直、雙彎同向、雙彎反向、雙彎*接頭夾角角度等，若方向比較特別，則最好用圖示的方法表達。
4. 訂購型號書寫方法，如：FHS-20*1/4BSP凸*全長*兩端接頭的樣式*夾角
5. 鐵弗龍管全長小於300mm長以內公差約0~5mm，大於300mm以上，公差約0~10mm。
6. 鐵弗龍管有帶紅、藍保溫棉的，若需要帶保溫棉的鐵弗龍管，客戶訂購時說明即可。

Hose 管類

鋼絲編織液壓膠管(Wire Braided Hydraulic Rubber Hose)



編號 (Item)	內徑 (I.D)(mm)	外徑 (O.D)(mm)	常用工作壓力 (kg)	最小彎曲半徑 /mm ± 3mm	內螺紋(可根據需要選配) (Internal Thread)
2BR-02H	5.5mm~6mm	15.5~16.5mm	40MPA	100	6/17UNF(1/4H)、1/4BSP凸、 1/4BSP凹、M14*1.5凸、 M14*1.5凹、……
2BR-02.5H	8mm~8.5mm	16mm~18mm	35MPA	120	M16*1.5凸、M16*1.5凸、 ……
2BR-03H	9.5mm~10mm	18.5~19mm	33MPA	130	9/16UNF(3/8H)、3/8BSP凸、 3/8BSP凹、M18*1.5凸、 M18*1.5凹、M20*1.5
2BR-04H	12.5mm~13mm	22mm~23mm	27.5MPA	180	1/2H、1/2BSP凸、1/2BSP 凹、M22*1.5、M24*1.5
2BR-05H	15.5mm~16mm	25mm~26mm	25MPA	200	M26*1.5、M27*1.5
2BR-06H	18.5mm~19mm	30mm~31mm	21.5MPA	240	"3/4H、3/4BSPT凸、3/4BSPT 凹M30*1.5、M30*2.0、……
2BR-08H	24.5mm~25mm	38mm~39mm	16.5MPA	300	1"H、1"BSP凸、1"BSP凹、 M36*2、……

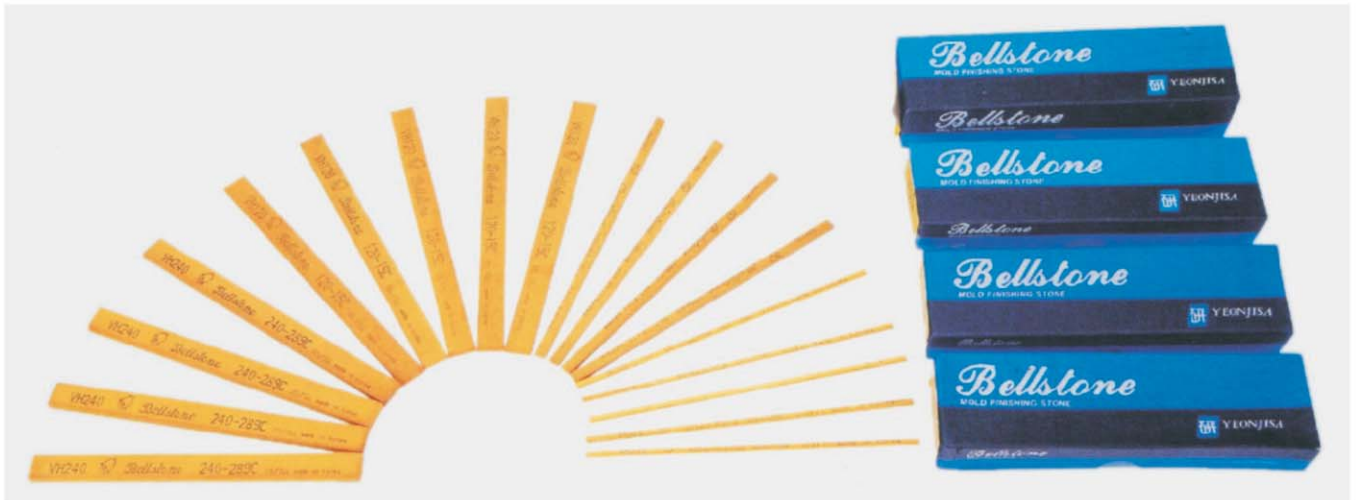
備注：

1. 工作溫度-40度~+100度，
2. 高壓管兩端壓的內螺紋接頭形狀有：直型、90度型、有部分型號有45度型，可根據需要選定. 若一端直接需壓外牙，也OK，客戶提供圖紙即可。
3. 管子兩端接頭型狀的表示方法：雙直、一彎一直、雙彎同向、雙彎反向、雙彎*接頭夾角角度等，若方向比較特別，則最好用圖示的方法表達。
4. 訂購型號書寫方法，如：2BR-02H*1/4BSP凸*全長*兩端接頭的樣式*夾角
5. 高壓油管全長小于300mm長以內公差約0~5mm，大于300mm以上，公差約0~10mm。

Whetstone tools

油石工具

韓國金鐘VH系列



用途：

採用高純度的氧化鋁研磨材料（WA）利用VITRIFIED法處理的產品。特別是結合力强、耐衝擊力强、不易折斷，適用於放電加工、表面結尾作業、棱角加工以及深溝等的加工。

粒度	120# 240#	320# 400#	600# 800#	1000#	1200#	1500#	2000#	3000#
規格	1.5x6x100 2x6x100 3x6x100	1.5x13x100 3x13x100	3x3x150	3x6x150	6x6x150	3x13x150	5x13x150	

*日韓粒度標準與美制標準對照表

日韓標準	120	150	180	220	320	400	600	800	1000	1200	3000
美制標準	120	160	180	220	320		400		600		900

Whetstone tools

油石工具

美國Gesswein油石 (American Gesswein Whetstone)
Finishing Stones For Mold & Die Polishing

D系列

中等硬質氧化鋁，理想的軟硬度，適合硬模具鋼，鋁，鈹銅和鋅合金的快速研削，表面光潔度好。具備各川大小和形狀，以適應不同需法度。

	粒度/Grit	編號/Item#
5/32"x5/32"x4"	150#	0010
	220#	0020
	320#	0030
	400#	0040
	600#	0060
	900#	0090

	粒度/Grit	編號/Item#
1/4"x1/8"x6"	150#	2101
	220#	2201
	320#	2301
	400#	2401
	600#	2601
	900#	2901

	粒度/Grit	編號/Item#
5/32"x5/32"x4"	150#	2102
	220#	2202
	320#	2302
	400#	2402
	600#	2602
	900#	2902



	粒度/Grit	編號/Item#
1/2"x1/8"x6"	150#	2103
	220#	2203
	320#	2303
	400#	2403
	600#	2603
	900#	2903

	粒度/Grit	編號/Item#
1/2"x1/4"x6"	150#	2104
	220#	2204
	320#	2304
	400#	2404
	600#	2604
	900#	2904

M系列

油石為碳化硅材質，適于所有類型的鋼材，以及有色金屬的粗加工，特別適用不銹鋼材料的研磨拋光。

	粒度/Grit	編號/Item#
5/32"x5/32"x4"	220#	1002
	320#	1003
	400#	1004
	600#	1006

	粒度/Grit	編號/Item#
1/4"x1/8"x6"	220#	1201
	320#	1301
	400#	1401
	600#	1601

	粒度/Grit	編號/Item#
1/4"x1/4"x6"	220#	1202
	320#	1302
	400#	1402
	600#	1602



	粒度/Grit	編號/Item#
1/2"x1/8"x6"	220#	1203
	320#	1303
	400#	1403
	600#	1603

	粒度/Grit	編號/Item#
1/2"x1/4"x6"	220#	1204
	320#	1304
	400#	1404
	600#	1604

*日韓粒度標準與美制標準對照表

日韓標準	120	150	180	220	320	400	600	800	1000	1200	3000
美制標準	120	160	180	220	320	400	400		600		900

Whetstone tools

油石工具

美國Gesswein油石 (American Gesswein Whetstone)



EDM系列

專用于研磨電火花加工後的表面，硬度高切削力強。可手持作業，配合超聲波研磨工具效果更佳。

	粒度/Grit	編號/Item#
5/32"x5/32"x4"	120#	0610
	180#	0620
	220#	0622
	320#	0630
	400#	0640
	600#	0660

	粒度/Grit	編號/Item#
1/4"x1/4"x6"	120#	6122
	180#	6182
	220#	6202
	320#	6302
	400#	6402
	600#	6802

	粒度/Grit	編號/Item#
1/4"x1/8"x6"	120#	6121
	180#	6181
	220#	6201
	320#	6301
	400#	6401
	600#	6601

	粒度/Grit	編號/Item#
1/2"x1/16"x6"	120#	8120
	180#	6180
	220#	6200
	320#	6300
	400#	6400
	600#	6600

	粒度/Grit	編號/Item#
1/2"x1/8"x6"	120#	6123
	180#	6183
	220#	6203
	320#	6303
	400#	6403
	600#	6803

	粒度/Grit	編號/Item#
1/2"x1/4"x6"	120#	6124
	180#	6184
	220#	6204
	320#	6304
	400#	6404
	600#	6604

OT系列

用于較硬材質研磨切削，油石含油無需額外的潤滑。用于精加工模具的細節塑造。提供優良的切削能力。具方形長方形和新的形狀，粒度從120#至1200#以適就不同需求。



	粒度/Grit	編號/Item#
5/32"x5/32"x4"	120#	0510
	180#	0518
	220#	0520
	320#	0530
	400#	0540
	600#	0660

	粒度/Grit	編號/Item#
1/4"x1/6"x6"	120#	5101
	180#	5001
	220#	5201
	320#	5301
	400#	6401
	600#	5601

	粒度/Grit	編號/Item#
1/2"x1/14"x6"	120#	5104
	180#	5004
	220#	5204
	320#	5304
	400#	5404
	600#	5604

	粒度/Grit	編號/Item#
1/2"x1/8"x6"	120#	5103
	180#	5003
	220#	5203
	320#	5303
	400#	5403
	600#	5603

	粒度/Grit	編號/Item#
1/4"x1/6"x6"	120#	5102
	180#	5002
	220#	5202
	320#	5302
	400#	5402
	600#	5603

各個系列油石適用範圍對照表

油石系列	表面類型	各種工具鋼	熱處理過的工具鋼	電火花表面	機加工表面	不銹鋼	鋁材	有色金屬
D系列		■	■		■	■		
EDM系列		■		■				
OT系列		■		■	■	■		
M系列		■				■	■	■

■代表可以使用的材料表面
■代表最適合的材料表面

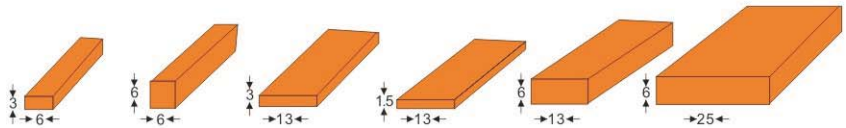
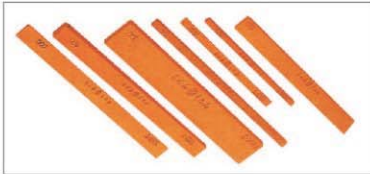
Whetstone tools

油石工具

YHB-TURBO EDM 放電研磨油石

· 適用於電加工後面表面粗磨，使表面細棉光滑，本身材質較硬，研削力特強。

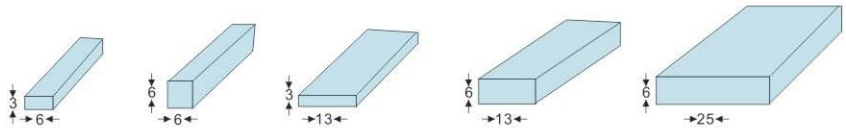
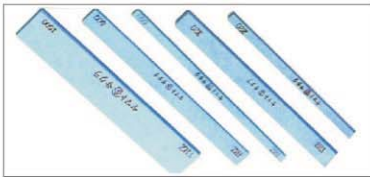
全長：150mm
規格：3x6 6x3 3x13 1.5x13 6x13 6x25
粒度：120# 220# 320# 400# 600#



YHZ藍寶油石

· 適用於一般鋼模未經熱處理研磨：材質半硬，研削後鋼材表面細綿，尤其要拋光鏡面的材質，極具切削力，可幹式與油式研磨兩用。

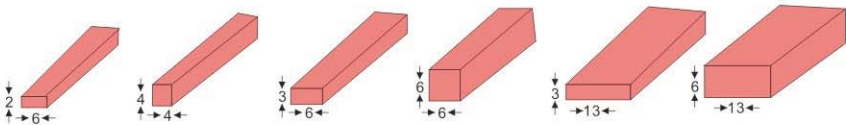
全長：150mm
規格：3x6 6x6 3x13 6x13 6x25
粒度：120# 220# 320# 400# 600#
800# 1000# 1200# 1500#



YHA紅寶油石



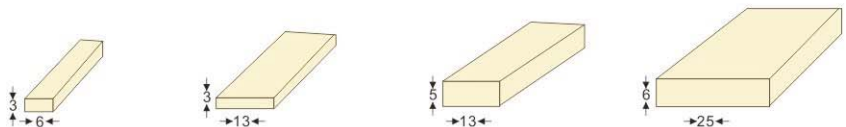
全長：2x6 4x4/100mm 3x6 6x6 3x13 6x13/150mm
規格：3x6 2x6 4x4 6x6 3x13 6x13
粒度：120# 220# 320# 400# 600#



WAS硫磺石油



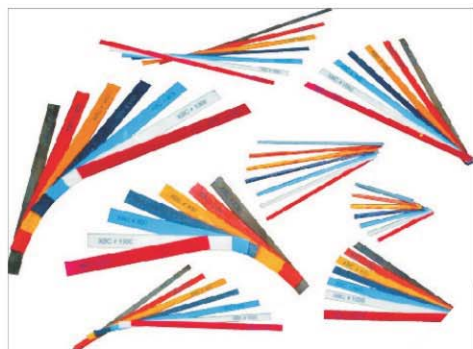
全長：150mm
規格：3x6 3x13 6x13 6x25
粒度：120# 220# 320# 400# 600# 800# 1000#



Whetstone tools

油石工具

日本XEBEC纖維油石



特点

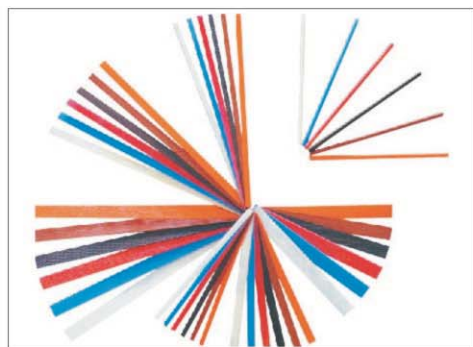
能克服从前油石折断、裂痕、缺角等缺点。研磨效率大幅度提升。面粗度能达均一修饰。研磨时，间隙不会阻滞。研磨时，不容易发热。因是纤维组合，油石粒均匀充实，对放电加工面的粗修饰，可以简单达成。对于头痛的细微毛边可以简单除去而且不容易再产生二次毛边。圆状棒构造，对侧面的研磨没问题，用途更广泛。产品种类丰富。

注意事项

圆柱型先端研磨时，与研磨面保持45°角使用。
圆柱型配合(电动式、超音波、气动式)工具，研磨效率更好。
配合振动工具，回转工具使用时，附上使用注意事项及说明书——一定要详读。
圆状棒配合回转工具使用时，最高转速为65,000转，请一定严格遵守。为了使用安全，请戴上保护眼镜、保护口罩、手套等等。

長x高x寬/mm	茶200#	赤茶300#	橙400#	黑600#	藍800#	白1000#	紅1200#
100x1x4	AD-1004M	AL-1004M	AO-1004M	AP-1004M	AB-1004M	AW-1004M	AR-1004M
100x1x6	AD-1006M	AL-1006M	AL-1006M	AP-1006M	AB-1006M	AW-1006M	AR-1006M
100x1x10	AD-1010M	AL-1010M	AO-1010M	AP-1010M	AB-1010M	AW-1010M	AR-1010M
100xφ3	PD-30M	PL-30M	PO-30M	PP-30M	PB-30M	PW-30M	PR-30M

SUPERSTONE纖維油石



说明

SUPERSTONE纤维油石(俗称超级油石)系将高纯度之陶瓷纤维以热塑性树脂结合制造而成，具有高硬度、耐磨耗及不易折断的特性。除可用于手持研磨外且适用于气动、电动往复研磨机上使用。尤其在超音波振动研磨机上使用，更有优异的效果!

長x高x寬/mm	翠綠120#	金色180#	棕色300#	橙色400#	黑色600#	藍色800#	白色1000#	紅色1200#
1x4x100	NSE104	NSG104	NSL104	NSO104	NSP104	NSB104	NSW104	NSR104
1x6x100	NSE106	NSG106	NSL106	NSO106	NSP106	NSB106	NSW106	NSR106
1x10x100	NSE110	NSG110	NSL110	NSO110	NSP110	NSB110	NSW110	NSR110
100xD3	NSED3B	NSGD3B	NSLD3B	NSOD3B	NSPD3B	NSBD3B	NSWD3B	NSRD3B

CERATON 超級油石



说明

陶瓷纤维油石(俗称超级油石)系将高纯度之陶瓷纤维以热塑性树脂结合制造而成，具有高硬度、耐磨耗及不易折断的特性。除可用于手持研磨外且适用于气动、电动往复研磨机上使用。尤其在超音波振动研磨机上使用，更有优异的效果!

适用材质

陶瓷纤维油石可在许多不同的材质上作研磨加工:比如各种模具钢材、不锈钢、铜铝合金等。举凡模具、齿轮、冲子、刀具等物件的粗糙表面都可利用陶瓷纤维油石来打磨。

适用范围

陶瓷纤维油石最适用于一般难研磨加工处，如窄沟壁、沟底、孔、刻痕、肋部及微小精细处，皆可由电加工面研磨到精细之表面。

特性

陶瓷纤维油石除了具有市面上原有产品的效能外，更增加了平面研磨的功效。此外，售价也更为低廉。

長x高x寬/mm	咖啡180#	橙250#	黑280#	深藍360#	藍400#	綠500#	黃700#	粉紅1000#	紅1200#
100x1x4	CSBR-1004	CSOR-1004	CSBL-1004	CSN-1004	CSB-1004	CSG-1004	CSY-1004	CSP-1004	CSR-1004
100x1x6	CSBR-1006	CSOR-1006	CSBL-1006	CSN-1006	CSB-1006	CSG-1106	CSY-1006	CSP-1006	CSR-1006
100x1x10	CSBR-1010	CSOR-1010	CSBL-1010	CSN-1010	CSB-1010	CSG-1010	CSSY-1010	CSP-1010	CSR-1010
100xφ3	CGBR-3	CGOR-3	CGBL-3	CGN-3	CGB-3	CGG-3	CGY-3	CGP-3	CGR-3

Whetstone tools

油石工具

五星級超精度微調式天然鑽石膏



粗磨

鎢錳碳化物工具(Tungsten carbide),陶瓷工業產品(Ceramics),水晶玻璃,合成金屬(Cermets),燒結產品(PCD)。

精磨

碳化物和鑽綫抽引的模具(Carbide and diamond wire drawing dies),水晶玻璃產品,金屬精密封蓋面(Metal seals)。

上光磨

陶瓷的及碳化物的底座和精密封蓋面(Ceramic and carbide valve seats and seals),光學具品(Optical components),珍貴希石與半希石(Precious&semi-precious stones)。

超上光磨

半導體晶體制品和基盤(Semiconducting crystals & substrates),磁性記存磁頭(Magnetiread / write heads),電子光學材料(Electro-optical materials)。

粒度	170#	230#	300#	600#	1200#	1800#	3000#	8000#	14000#	100000#	240000#
微米數	90U	60U	45U	25U	14U	8U	6U	3U	1U	1/4U	1/10U
顏色	白色	橘黃色	紫色	赤褐色	棕色	紅色	黃色	綠色	藍色	灰色	灰色
研削用途	快速研磨	快速研磨	快速研磨	精磨及預先拋光	精磨及預先拋光	精磨及預先拋光	精磨及預先拋光	最後拋光	最後拋光	最後拋光	最後拋光

水性超精度微調式天然鑽石膏



水性膏劑易從研品上洗淨,對光潔度要求高的面,喜百事水性膏劑是理想的推薦品。但是用油性膏劑的話,對其面可能產生影響。

ENGIS公司調配研制的喜百事水性膏劑是最早成功的磨膏劑,現在仍廣泛被鑄模和模型工業為達到精密的人工精研磨而採用。潤滑料則使用水性潤滑油。

粒度	0-1/5	0-1/2	0-1	0-2	2-4	4-8	8-12
微米數	240,000	100,000	60,000	14,000	8,000	3,000	1,800
粒度	12-22	22-36	36-54	54-80	-	-	-
微米數	1,200	600	322	277	230	170	100

日本櫻花油性天然鑽石膏



粒度	200#	230#	320#	600#	1200#	1800#
微米數	90U	60U	45U	30U	15U	9U
顏色	黑色	紫色	咖啡色	紅色	藍色	草綠色
研削用途	粗仕研削	粗仕研削	粗仕研削	粗仕研削	一般亮度	一般亮度

粒度	3000#	5000#	8000#	14000#	60000#	100000#
微米數	6U	4U	3U	1U	1/2U	1/4U
顏色	橘紅色	灰色	黃色	粉紅色	銀色	金色
研削用途	精密亮度	精密亮度	精密亮度	超鏡面拋光	超鏡面拋光	超鏡面拋光

臺灣一品鑽石研磨膏



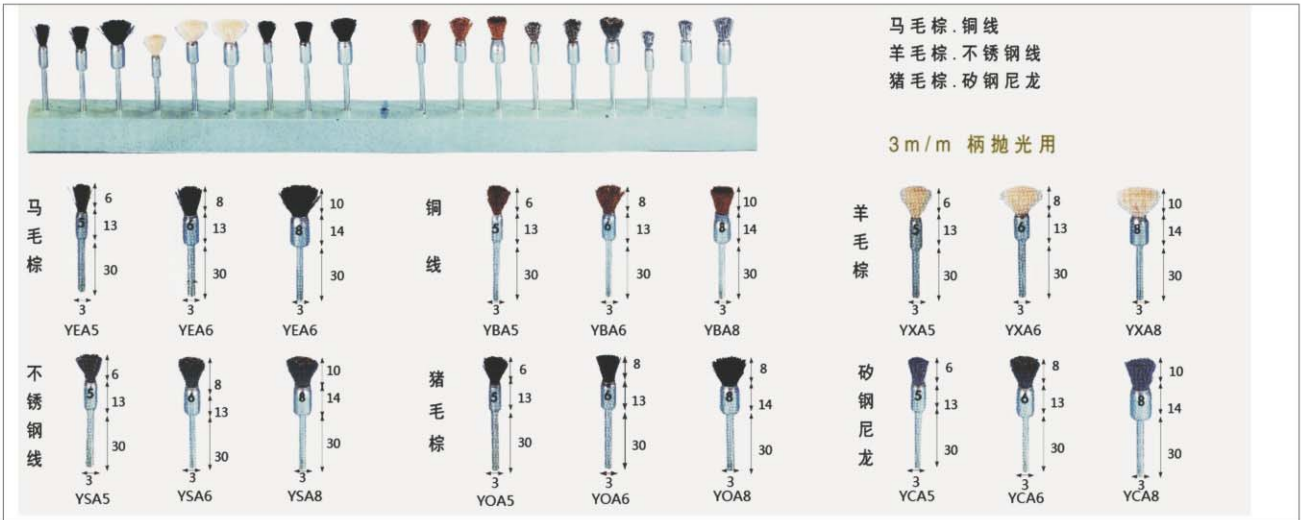
粒度	1/2 (0-1)	1 (0-2)	3 (2-4)	4.5(3-6)	6(4-8)	8 (6-10)	9 (6-12)
微米數	28000	14000	8000	5000	3000	2000	1800
顏色	灰色	白色	黃色	淡棕色	橙色	深紫色	綠色
研削用途	鏡面拋光	鏡面拋光	精細拋光	精細拋光	精細拋光	精細拋光	精細拋光

粒度	15(10-20)	17.5(15-20)	25(25-30)	35(30-40)	60(40-60)	90(80-100)
微米數	1200	1000	800	600	400	200
顏色	藍色	深綠	咖啡色	紅色	紫色	黑色
研削用途	普通拋光	普通拋光	普通拋光	普通拋光	粗磨拋光	粗磨拋光

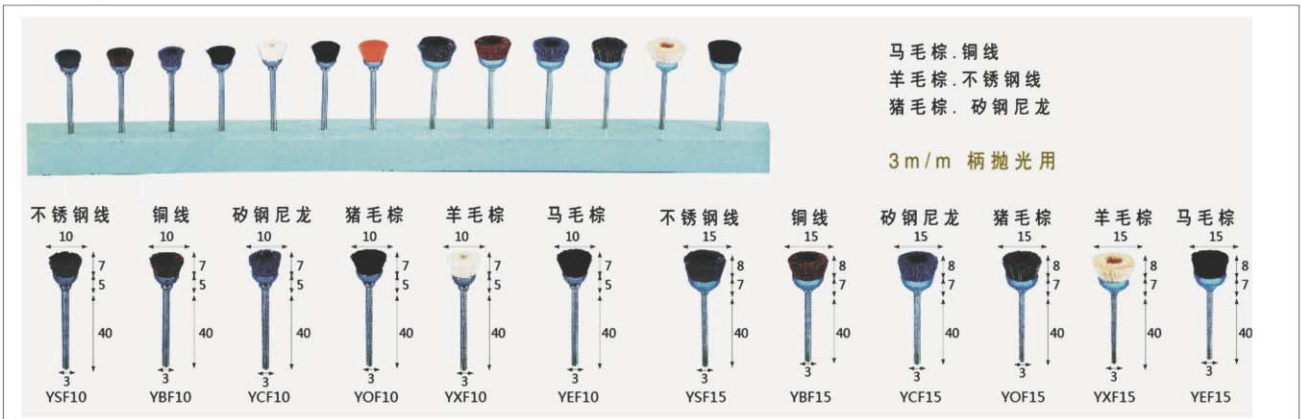
Whetstone tools

油石工具

磨角刷3m/m柄

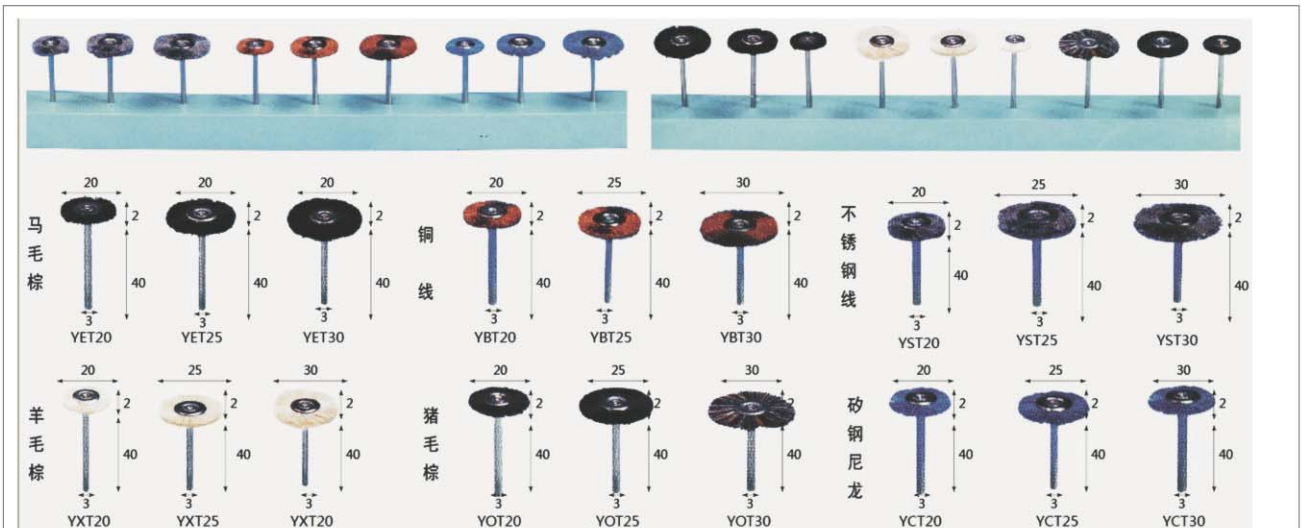


附柄碗型



附柄平面3m/m柄

馬毛棕、銅綫、羊毛棕、不銹鋼綫、猪毛棕、砂鋼尼龍 3 m/m柄抛光用



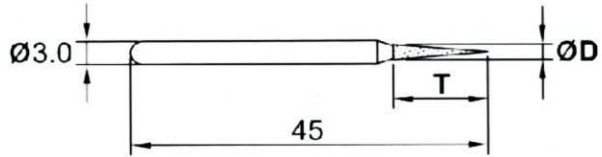
Whetstone tools

油石工具

鑽石磨棒 (Diamond Mounted Points)



BM Series- ϕ 3.0mm shank



Order no.	10A	15A	20A	20A	30A	35A	40A	50A	60A	10C	15C	20C	25C	30C
ϕ D	1	1.5	2	2.5	3	3.5	4	5	6	1	1	2	2.5	3
T	8	8	8	8	10	10	10	10	10	8	8	8	8	10
Grit Size	#150	#150	#120	#120	#120	#120	#120	#100	#100	#150	#150	#120	#120	#120

Order no.	35c	40c	50c	60c	20T	30T	30V	13R	14R	15R	20R	20R	20P	30P
ϕ D	3.5	3.5	5	6	2	3	3	1.2	1.5	1.5	2	3	2	8
T	10	10	10	10	10	10	10	16	13	10	12	14	12	15
Grit Size	#120	#120	#100	#100	#120	#120	#120	#150	#150	#150	#150	#120	#150	#150

Order no.	40P	50P	60P	20F	30F	40F	50F	60F	30J	40J	50J	60J	10B	15B
ϕ D	4	5	6	2	3	4	5	6	3	4	5	6	1	1.5
T	15	15	13	10	10	10	10	12	14	9	10	13	-	-
Grit Size	#150	#150	#150	#120	#120	#120	#100	#100	#120	#120	#100	#100	#200	#150

Order no.	20B	25B	30B	40B	50B	60B	80B	30Q	40Q	50Q	60Q	20S	30S	40S
ϕ D	2	2.5	3	4	5	6	8	3	4	5	6	2	3	4
T	-	-	-	-	-	-	-	5	7	9	10	4	6	8
Grit Size	#150	#120	#120	#120	#100	#100	#100	#120	#120	#100	#100	#120	#120	#120

2.5 0.5

2.0 0.5

60

40

Whetstone tools 油石工具

CF-400 鑽石平斜銼刀(Diamond Tapered Hand Files)



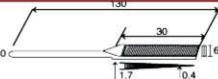

PVC套裝12支

型號	粒度	型號	粒度
 CF-408J	#150	 CF-404J	#150
CF-408F	#200	CF-404F	#200
CF-408V	#400	CF-404V	#400
CF-408X	#600	CF-404X	#600
CF-406J	#150	CF-402J	#150
CF-406F	#200	CF-402F	#200
CF-406V	#400	CF-402V	#400
CF-406X	#600	CF-402X	#600

PTF-10 精密鑽石平斜銼刀(Diamond Tapered Hand Files)



PVC套裝10支

型號	粒度	型號	粒度
 PTF-16F	#200	 PTF-12F	#200
PTF-16V	#400	PTF-12V	#400
PTF-16X	#600	PTF-12X	#600
PTF-14F	#200	 PTF-103X	#200
PTF-14V	#400		#400
PTF-14X	#600		#600

機械用鑽石平斜銼刀(Diamond Taperde Machine Files)


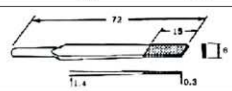

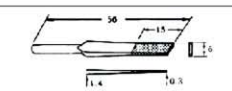
往覆式挫刀機用

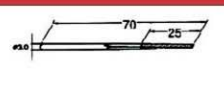

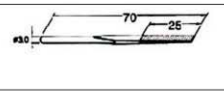

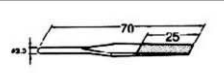



MTF-100
PVC套裝12支



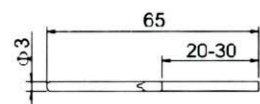
MTF-120
PVC套裝12支

粒度: #200#400-300	型號
	MTF-13
	MTF-16
	MTF-23
	MTF-26

粒度: #200#400-300	型狀	型號
		MTP-12
		MTP-14
		MTP-16

機械用鑽石異型銼刀

往覆式挫刀機用



MBF-90
PVC套裝10支

型號	型狀	規格
1.MBF-901		5.5x1.2
2.MBF-902		3.2x1.4
3.MBF-903		5x2
4.MBF-904		3.2x1.4
5.MBF-905		3
6.MBF-906		3
7.MBF-907		邊長2.5
8.MBF-908		3.2x1.4
9.MBF-900		3.2x1.4
10.MBF-910		4x2

Whetstone tools

油石工具

羊毛輪(Felt Bobs)

图型 Form												
编号 Order No	AB-0408A	AB-0509A	AB-0610A	AB-0810A	AB-1014A	AB-1220A	AB-2020A	AB-0408C	AB-0509C	AB-0610C	AB-0810C	AB-1013C
图型 Form												
编号 Order No	AB-1214C	AB-1220C	AB-0410J	AB-0512J	AB-0616J	AB-0817J	AB-1014J	AB-1020J	AB-1220J	AB-1225J	AB-088	AB-108
图型 Form												
编号 Order No	AB-12B	AB-18B	AB-1014R	AB-1225R	AB-1218T	AB-1218H	AB-2503E	AB-2505E	Ak300			

羊毛條(Felt Stick)

FB-229 帶柄羊毛條尺寸6x6x25mm
 FB-229-1 帶柄羊毛條尺寸8x8x25mm
 FB-330 帶柄羊毛條尺寸10x10x25mm
 FB-331 硬質羊毛條尺寸6x6mm 8x8mm 10x10mm

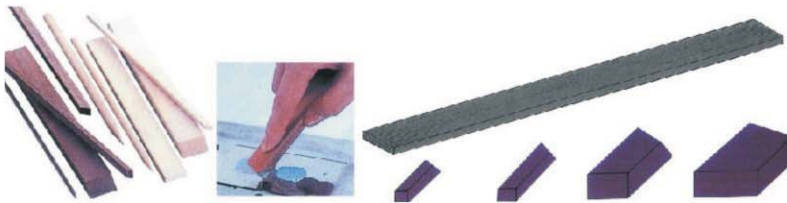


羊毛條(Felt Stick)



品名	厚度(mm)	長度(mm)	寬度(mm)
羊毛卷	1	25	1500
羊毛卷	3	25	1500

方形木條(Lapping Wood Stick)



品名	厚度(mm)	長度(mm)
硬木	3x3 3x7 4.5x4.5 6.5x6.5	150
軟木	8x12.5 8x19	

包裝：10支裝

適用模具鏡面拋光用，木條本身分為軟木和硬木，粗研磨用硬木，拋光用軟木，配合鑽石膏打光，可達鏡面效果。

圓形木條(Wood Bobs)



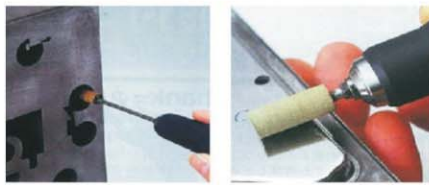
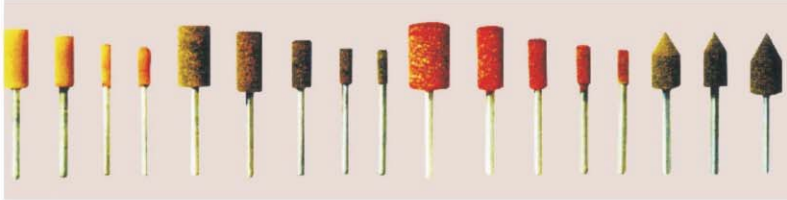
品名	規格	長度(mm)
硬木	Φ3 Φ4.5 Φ6.5 Φ9.5	150
軟木		

包裝：10支裝

Whetstone tools

油石工具

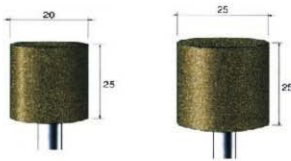
柄徑3mm 海綿輪



用金屬（銅、鋁、合金等）研磨拋光

品名	砂號	直徑(mm)	顏色	柄徑(mm)
海綿輪	80#	3	紅色	3
海綿輪	120#	3	綠色	3
海綿輪	320#	3	土黃	3
海綿輪	80#	3	紅色	3
海綿輪	120#	3	綠色	3
海綿輪	320#	3	土黃	3
海綿輪	80#	3	紅色	3
海綿輪	120#	3	綠色	3
海綿輪	320#	3	土黃	3
海綿輪	80#	3	紅色	3
海綿輪	120#	3	綠色	3
海綿輪	320#	3	土黃	3
海綿輪	80#	3	紅色	3
海綿輪	120#	3	綠色	3
海綿輪	320#	3	土黃	3
海綿輪	80#	3	紅色	3
海綿輪	120#	3	綠色	3
海綿輪	320#	3	土黃	3

柄徑6mm 海綿輪



品名	直徑(mm)	顏色	粒度	柄徑(mm)
海綿輪	15	綠	120#	6
海綿輪	20	綠	120#	6
海綿輪	25	綠	120#	6

西德自粘式砂布卷



粒度	60#	80#	100#	120#	150#	180#	240#
	320#	400#	600#	800#	1000#	1200#	
尺寸	20mm寬x25m長						

德國勇士砂紙 MATADOR



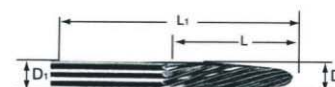
粒度	220#	240#	320#	400#	600#	800#	1000#	1200#	1500#	2000#	2500#	3000#	5000#	7000#
顏色	為藍色乳膠紙 砂面青灰色										咖啡色乳膠 砂面咖啡色			
尺寸	9x11 230x280mm													



















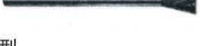


型號: 991A
 產地: 德國
 規格: 9x11" 230x280mm
 包裝: 50張/包 10包/箱

Whetstone tools

油石工具

柄徑Φ3系列硬質合金旋轉銼



形狀名稱	編號	尺寸			形狀名稱	編號	尺寸		
		D	L	L1			D	L	L1
A型 	LA-41	4	13	40	A型 	LA-15	1.5	6	38
	LA-51	5	13	40		LA-20	2	12	38
	LA-61	6	13	48		LA-25	2.5	14	38
C型 	LC-41	4	13	40	C型 	LA-30	3	16	38
	LC-51	5	13	40		LC-15	1.5	6	38
	LC-61	6	13	48		LC-20	2	12	38
D型 	LD-41	4	4	40	D型 	LC-25	2.5	14	38
	LD-51	5	5	40		LC-30	3	16	38
	LD-61	6	6	48		LD-10	1	1	38
E型 	LE-41	4	7	40	E型 	LD-15	1.5	1.3	38
	LE-51	5	8	40		LD-20	2	1.8	38
	LE-61	6	10	48		LD-25	2.5	2.3	38
F型 	LF-41	4	13	40	F型 	LD-30	3	3	38
	LF-51	5	13	40		LE-31	3	5.5	38
	LF-61	6	13	48		LF-32	3	12	38
G型 	LG-41	4	13	40	G型 	LF-61	3	16	38
	LG-51	5	13	40		LG-31	3	6	38
	LG-61	6	13	48		LG-33	3	12	38
H型 	LH-41	4	13	40	H型 	LG-34	3	16	38
	LH-51	5	13	40		LH-31	3	6.3	38
	LH-61	6	13	48		LL-31	3	10	38
L型 	LL-41	4	13	40	L型 	LL-32	3	12	38
	LL-51	5	13	40		LM-31	3	9	38
	LL-61	6	13	48		LM-32	3	12	38
M型 	LM-41	4	13	40	M型 	LM-33	3	16	38
	LM-51	5	13	40		LN-32	3	4	38
	LM-61	6	13	48					
N型 	LN-41	4	6	40	鎢鋼滾磨刀特點 1.可加工各種金屬材料，還能加工HRC65的淬硬鋼。 2.可代替帶柄砂輪，無粉塵污染。 3.生產效率高。 4.可加工各種形狀的金屬模腔。 5.清理鑄，鍛，焊縫和毛刺。 6.各種機械零件的倒角，倒圓和溝槽加工。 7.清理管道。 8.葉輪流道的光整加工，另鎢鋼刀祇有在高的切削速度下工作才能發揮卓越性能。				
	LN-51	5	7	40					
	LN-61	6	7	48					
半球型D $\frac{1}{2}$ 	LD- $\frac{1}{2}$ 61	6	3.5	45					
	LD- $\frac{1}{2}$ 81	8	4.5	45					
T型 	LT-15	12	1.5	45					
	LT-2	12	2	45					
	LT-3	12	3	45					

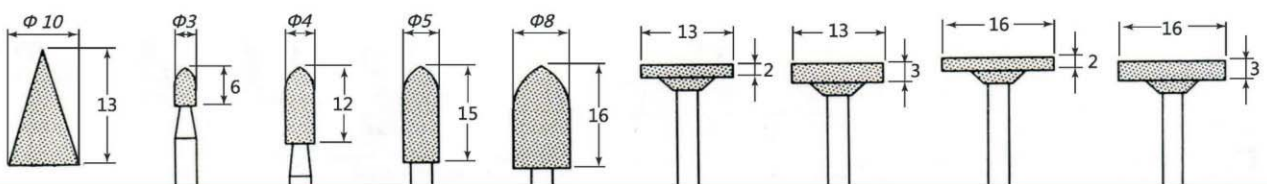
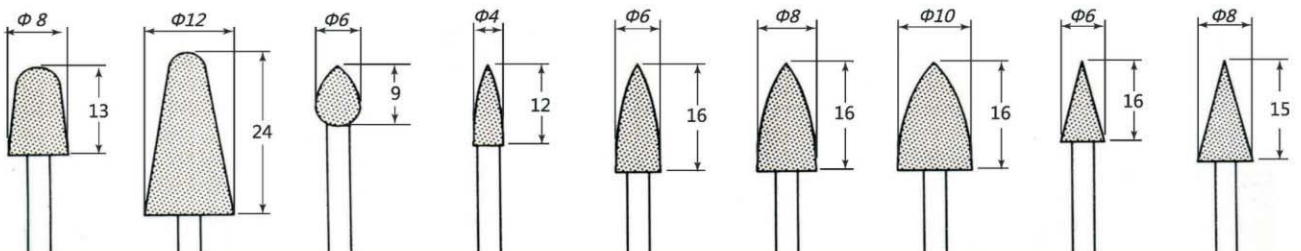
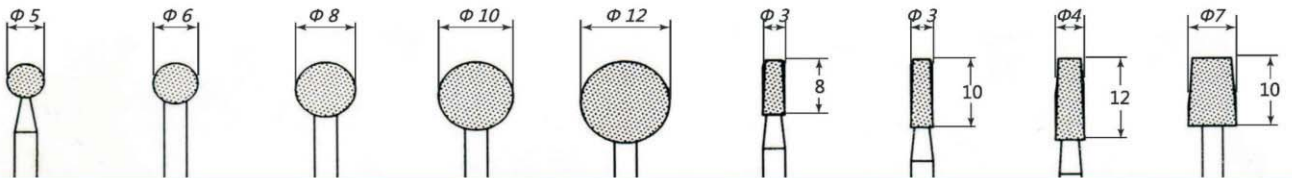
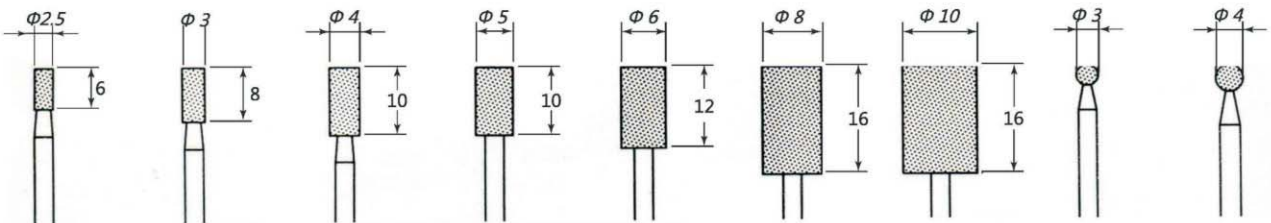
Whetstone tools

油石工具

帶柄砂輪(Mounted Points)



規格/單位: mm





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