



Name	Disappearing Gauge	Disappearing Gauge	Disappearing Gauge	Disappearing Gauge	Disappearing Gauge	Side Gauge	Side Gauge (Cam Type)
Model	25SODA-BT	25SODA-B	25PKDGM	25SODA-RT	25PRDG	25SGAD	25SGCT
Page	115	116	117	118	119	120	121



Name	Panel Input Detector Gauge	Panel Input Detector Gauge	Sheet Support Gauge	Sheet Support Gauge	Rough Guides		Nest Guides (Upper Die Relief)
Model	25HKFM	25PADG-B	25SSGNW	25SSGW	25SRG / 25SRG-R / 25SRG-L		25SNGU
Page	122	123	124	125	126		127



Name	Nest Guides		Nest Guides (No Dowel Hole)	Configurable Nest Guides	Configurable Nest Guides (Economy)		
Model	25SNGN / 25ENGB		25SNGG	25SNGA / 25SNGC	25SNSTA / 25SNSTC / 25TSTSD		
Page	128		129	130	131		



Name	Length Configurable Nest Guides		Special Configurable Nest Guides	Nest Guides Blank Parts			
Model	25SNGNX / 25SENGX		25SNGW / 25SNGWK / 25SNGWS	25NBB / 25NBBCL / 25TE(A,B,C,E,L)			
Page	132		133	134			



Name	Nest Guide with Surface Support			Locating Pilot Pins			
Model	25SNTFA / 25SNTFB			25SLTL / 25SLPS / 25SNST / 25SDST / 25SDKL / 25SKSTH / 25SFSTH / 25PST / 25PSTM / 25RFPF			
Page	135			135 - 139			



Name	Locating Pilot Punches				Locating Pins			
Model	25RTP / 25T-RTP / 25RTP, 25T-RTP				25DIKPA / 25DIKPB / 25DLPA / 25TLPA / 25TLPB / 25TLPC / 25LPU / 25LPL			
Page	140				141 - 142			



Name Locating Pins
Model 25IKPD(A,B,C,E)
Page 142



Name Pre-Holding Push Pin Sets
Model 25S-PAP(-U)
Page 143



Name Push Pin Sets (Economy)
Model 25S-PAP-E(U)
Page 144



Name Push Pin Sets (Long Stroke)
Model 25SD-PAP-(S,U) / 25SD-PAGP-(S,U)
Page 145



Name Push Pin Sets (Lock Mechanism)
Model 25SD-PAP-Z-(S,U,P)
Page 146



Name Push Pin Sets (Air Hole)
Model 25SD-PAEA-(S,U)
Page 147



Name Pushing Pin Sets
Model 25S-PSPH / 25S-PSH
Page 148



Name Push Out Pins
Model 25POP / 25HPOP
Page 149



Name Drawing Jector Pins
Model 25DHPA / 25DHPF100
Page 149



Name Skid Brackets
Model 25STB / 25STBY / 25MRTB / 25MRTBY
Page 150

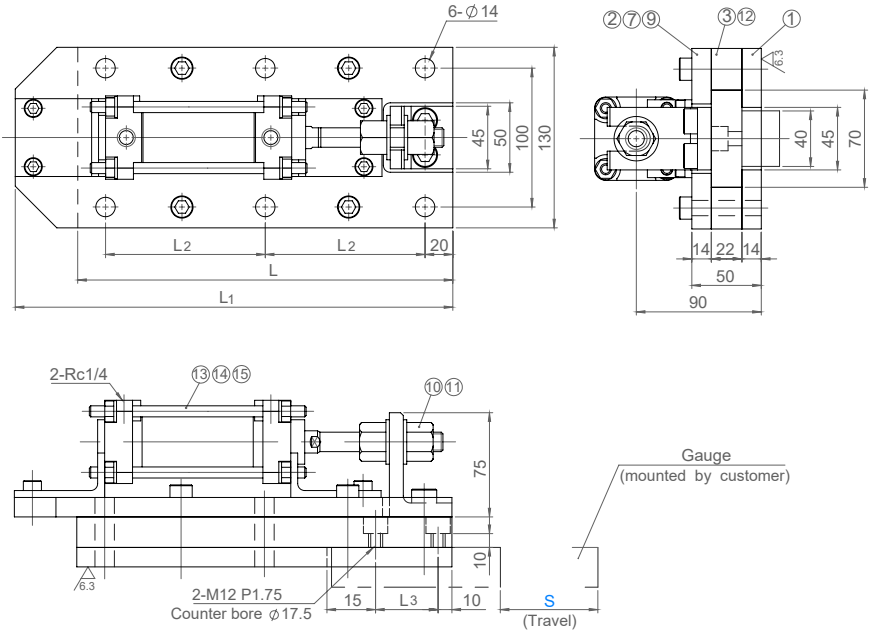
ชิ้นส่วนหัวตำแหน่ง

Disappearing Gauge - ดีเอเกจ

รางสไลด์แบบ ออยฟรี
Oil Free™ sliding type



Model: 25SODA-BT



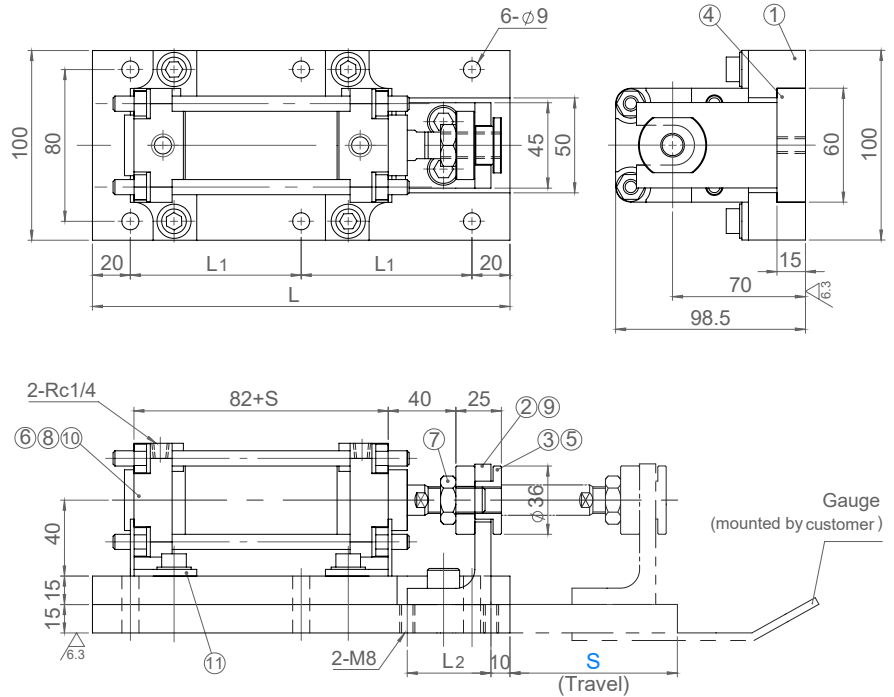
No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
1	Base Plate	1	SS400	9	Spring Washer	4	For M10
2	Cover Plate	1	SS400	10	Washer	2	
3	Silde Plate	2	SS400	11	Lock Nut	1	U Nut
4	Silde Plate	1	S45C Oil Free Type	12	Dowel Pin	4	Ø10 X 30
5	Collar	1	SS400	13	Spring Pin	1	Ø6 X 15
6	Arm	1	SS400	14	Hexagon Socket Head Bolt	4	SCM435 M8 X 16
7	Hexagon Socket Head Bolt	4	SCM435 M10 X 50	15	Air Cylinder	1	CA2L40 by SMC
8	Hexagon Socket Head Bolt	2	SCM435 M12 X 25				

ORDER Model S
EXAMPLE 25SODA-BT100

Model	S	L	L1	L2	L3	Weight (kg)
25SODA-BT	50	220	265	90	25	13.5
	100	270	315	115	45	15.9
	150	320	365	140	95	18.3
	200	370	415	165	145	21.0



Model: 25SODA-B



No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
1	Cover Plate	1	FC250	7	Hexagon Nut	1	For M14
2	Arm	1	SS400	8	Hexagon Socket Head Bolt	4	SCM435 M8 X 20
3	Cylinder Head Block	1	SS400	9	Hexagon Socket Head Bolt	2	SCM435 M12 X 20
4	Slide Plate	1	S45C	10	Spring Washer	4	For M8
5	Split Plate	1	SWRM10 Ø3 X 45	11	Angle	1	SS400
6	Air Cylinder	1	CA2B40 by SMC	12	Angle	1	SS400

ORDER Model
EXAMPLE 25SODA-B100

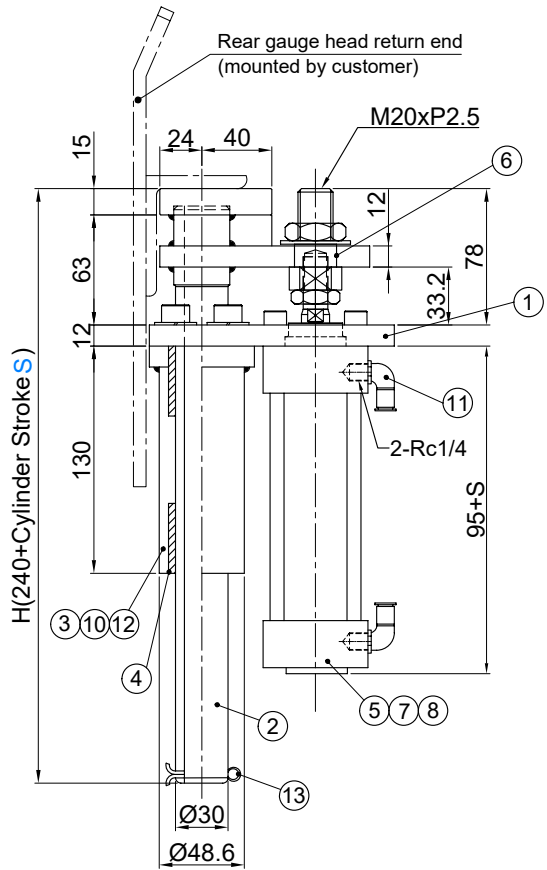
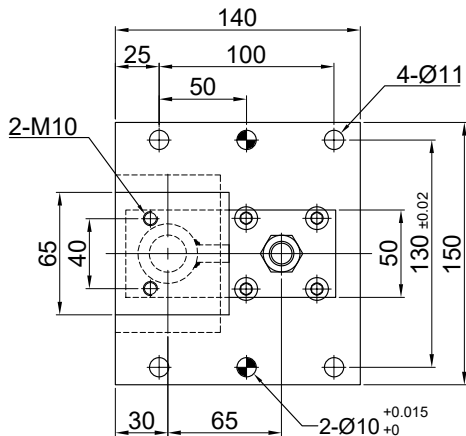
Model	S	L	L1	L2	Weight (kg)
25SODA-B	50	220	90	25	11.2
	100	270	115	45	13.5
	150	320	140	95	16.0
	200	370	165	145	18.7

ชิ้นส่วนหัวตำแหน่ง

Disappearing Gauge - ดีเคเกจ

FOIL FREE™

Model: 25PKDGM



No.	Description	Qty	Material and Remark
1	Base Plate	1	SS400
2	Guide Post	1	STKM
3	Bushing Holder	1	SS400
4	Oil Free Bushing	2	Copper Alloy with Graphite
5	Air Cylinder	1	MBB40 by SMC
6	Collar	1	STKM
7	Flat Washer	2	For M20
8	U Nut	1	SCM435 M20
10	Hexagon Socket Head Bolt	4	SCM435 M10 X 25
11	Elbow	2	21SPLL10-02PT
12	Spring Washer	4	For M10
13	Cotter Pin	1	Ø5 X 40

ORDER
EXAMPLE

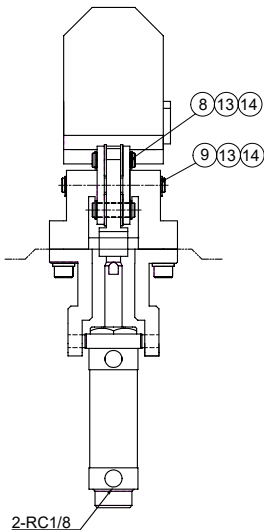
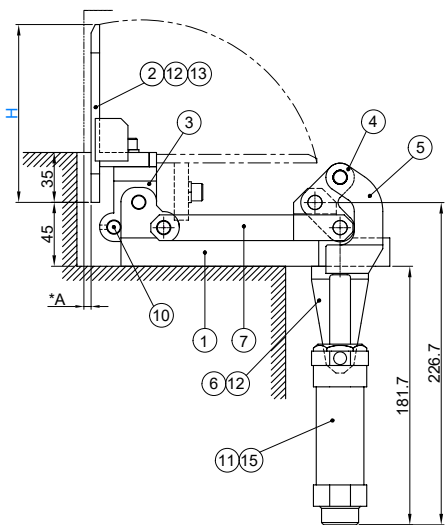
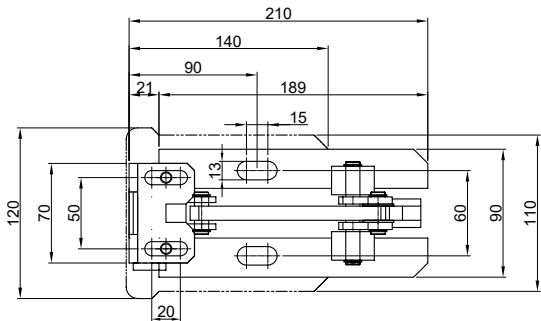
Model S
25PKDGM100

Model	Cylinder Stroke S	H	Weight (kg)
25PKDGM	100	340	6.7
	150	390	7.1
	200	440	7.4

Disappearing Gauge - ดีเอเกจ



Model: 25SODA-RT



No.	Description	Qty	Material and Remark
1	Gauge Base	1	S50C
2	Stopper Plate	1	SS400
3	Gauge Bracket	1	S50C
4	Joint	1	S50C
5	Arm	1	S50C
6	Cylinder Support	2	S50C
7	Rod	1	SS400
8	Joint Pin (S)	3	S45C
9	Joint Pin (L)	2	S45C
10	Stopper Pin	1	SCM435
11	Air Cylinder	1	CM2U32-35AZ by SMC
12	Hexagon Socket Head Bolt	6	SCM435 M8 X 25
13	Washer	5	For M8
14	Split Pin	1	Ø2 X 16
15	Split Pin	1	Ø3 X 30

ORDER Model H
EXAMPLE 25SODA-RT100

Model	H
25SODA-RT	75
	100
	125
	150
	175
	200
	225
	250

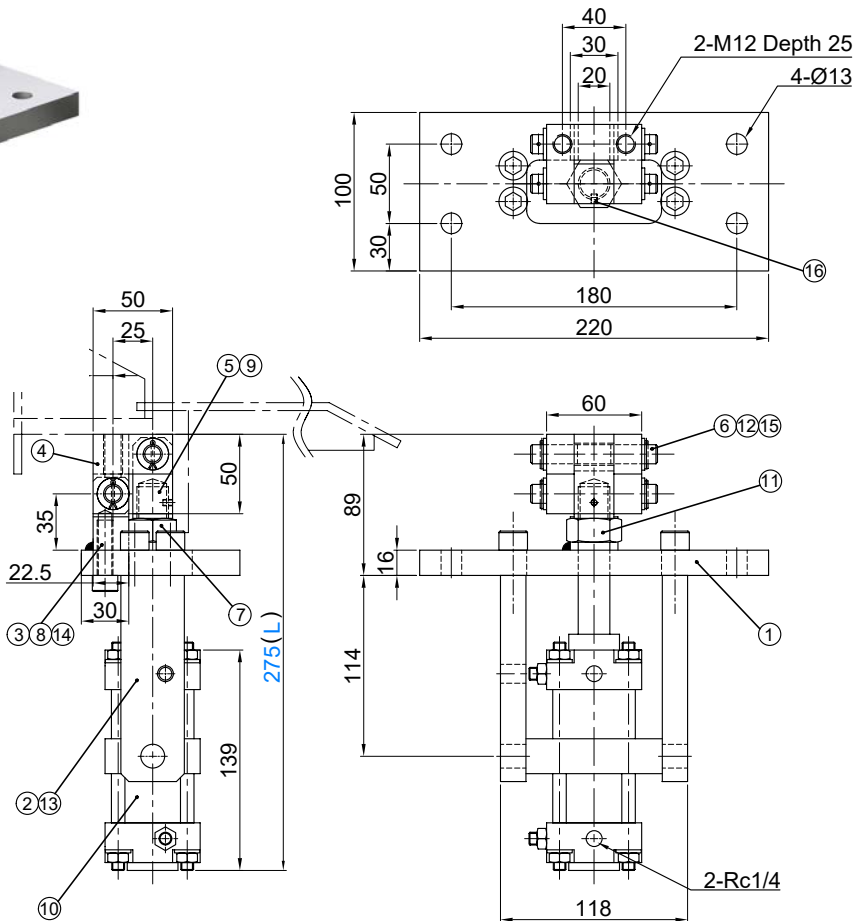
ชิ้นส่วนหาตำแหน่ง

Disappearing Gauge - ดีเจเกจ

FOIL FREE™

Model: 25PRDG

Die Locating



No.	Description	Qty	Material and Remark
1	Base Plate	1	SS400
2	Cylinder Support	2	SS400
3	Gauge Bracket Support	1	SS400
4	Gauge Bracket	1	SS400
5	Joint	1	SS400
6	Joint Pin	2	S45C HRC55-60
7	Turning Lock Plate	1	SPPC T=0.8
8	Bushing	1	25SMB012-020

ORDER
EXAMPLE

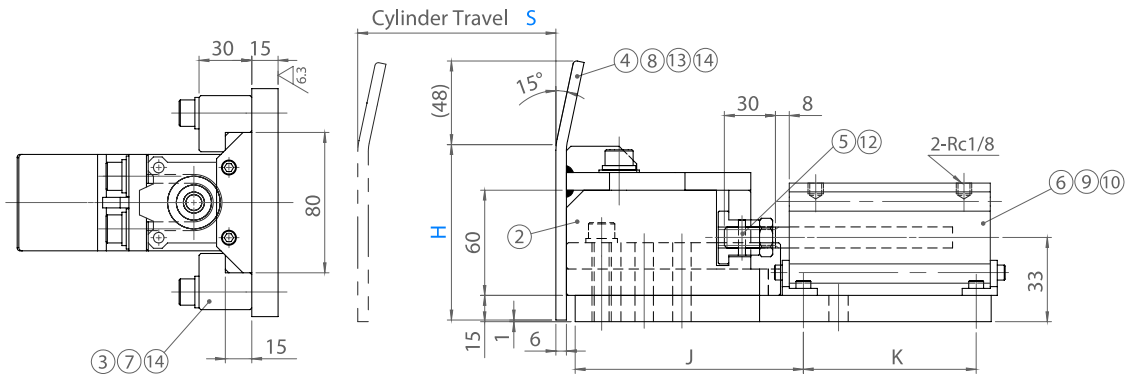
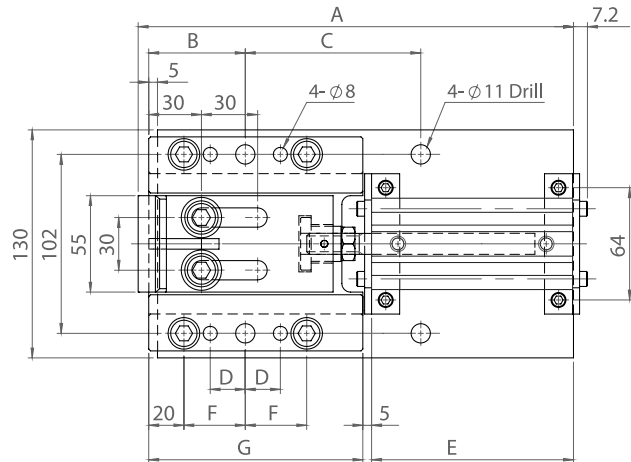
Model L
25PRDG275

Model
25PRDG

L
275

No.	Description	Qty	Material and Remark
9	Bushing	1	25SMB012-020
10	Air Cylinder	1	CA2T40-50Z by SMC
11	Hexagon Nut	1	M20 X 15
12	Cotton Pin	4	3 X 18
13	Hexagon Socket Head Bolt	4	SCM435 M12 X 40
14	Hexagon Socket Head Bolt	1	SCM435 M10 X 35
15	Washer	4	For Ø12
16	Hexagon Socket Head Screw	1	M4 X 6

Model: 25SGAD



No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
1	Base Plate	1	SS400	8	Hexagon Socket Head Bolt	2	SCM435 M10 X 35
2	Slide Holder	1	FC250 with Graphine	9	Hexagon Socket Head Bolt	4	SCM435 M6 X 16
3	Guide Plate	2	Bronze with Graphite (SO#50 SP2)	10	Spring Washer	4	S25CD For M6
4	Gauge Plate	1	SS400	11	Spring Pin	4	Ø8 X 40
5	Pusher Boss	1	S45C	12	Split Pin	1	Ø4 X 30
6	Air Cylinder	1	CQ2L40 by SMC (Special order Cylinder)	13	Spring Washer	2	For M10
7	Hexagon Socket Head Bolt	4	SCM435 M10 X 45	14	Washer	6	For M10

ORDER
EXAMPLE

Model S - H
25SGAD50-75

เลือกค่า H หากต้องการแผ่นเกจ
Choose H for gauge attachment

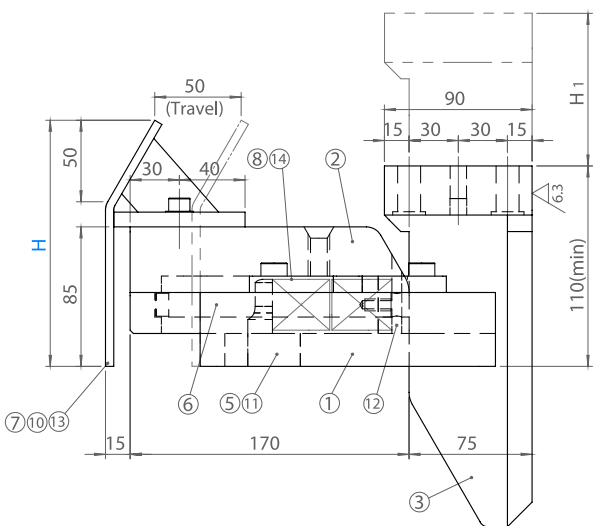
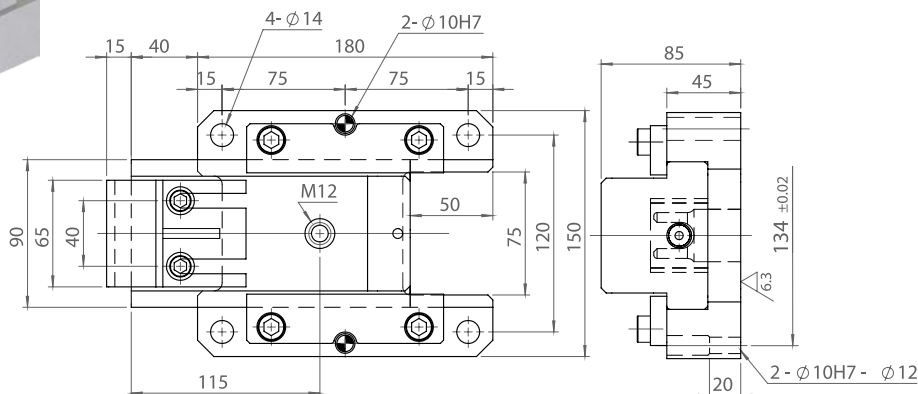
Model	Cylinder Travel S	H	A	B	C	D	E	F	G	J	K
25SGAD	30	75	163	50	60	15	60	30	92	100	43.5
		100									
	50	150	183	50	80	15	80	30	92	100	63.5
		200									
	75	250	248	55	100	20	115	35	122	130	98.5
		300									

ชิ้นส่วนหาตำแหน่ง

Side Gauge (Cam Type) - ไซดเกจ รุ่นระบบแคม

FOIL FREE™

Model: 25SGCT



No.	Description	Qty	Material and Remark
1	Base	1	FC250
2	Silde	1	FC250 with Graphine
3	Driver	1	FC250
4	Upper Plate	2	SS400
5	Spring Stopper	1	SS400
6	Spring Guide Pin	1	SS400
7	Gauge Plate	1	SS400

No.	Description	Qty	Material and Remark
8	Spring	2	19SF30-65
9	Hexagon Socket Head Bolt	4	SCM435 M10 X 25
10	Hexagon Socket Head Bolt	2	SCM435 M8 X 20
11	Set Bolt	1	SCM435 M6 X 10
12	Split Pin	1	SUJ2 ∅6(m6) X 30
13	Washer	2	For M8
14	Washer	1	S45C

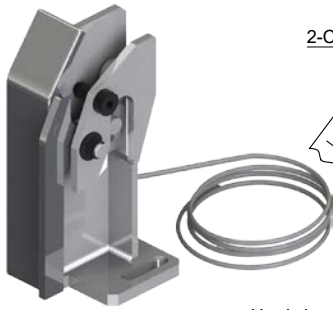
ORDER Model S - H
EXAMPLE 25SGCT220-150

เลือกค่า H หากต้องการแผ่นเกจ
Choose H for gauge attachment

Model	L	H	H1	Spring	
				Initial Load (N)	Final Load (N)
25SGCT	220	150	168.66	141.4	685.3
		200			
		250			
	300	150	248.66		
		200			
		250			

Panel Input Detector Gauge - ระบบเช็คแผ่นเหล็ก

Oil FREE™

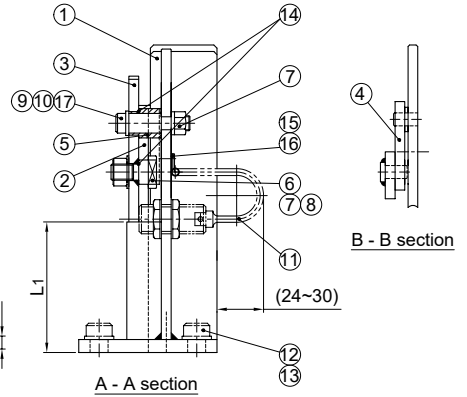
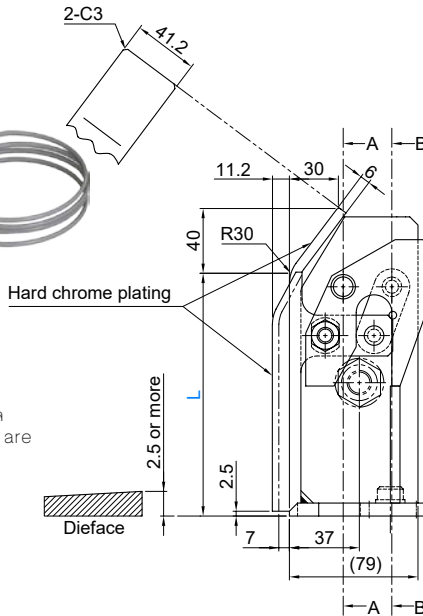


Models:

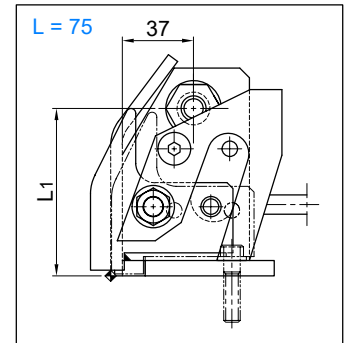
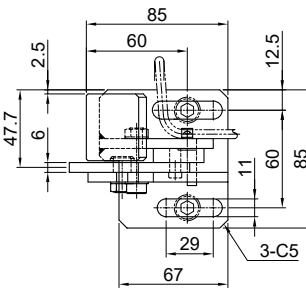
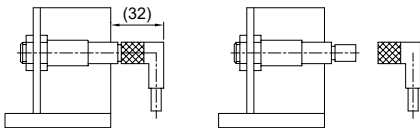
25HKFM-L (Left Hand)

25HKFM-R (Right Hand)

แผ่นเพลทซูปฮาร์ดโครมทั้งสองโมเดล
Both models's panel contact are hard chrome plated



1 การต่อสวิตช์
Switch mounting



No.	Description	Qty	Material and Remark
1	Gauge	1	SS400 Hard chrome plating
2	Detection Lever	1	SS400 Hard chrome plating
3	F Link	1	SS400
4	R Link	1	SS400
5	Collar	1	S45C
6	Pin	1	S45C
7	Hexagon Nut	2	For M8
8	Washer	1	For M8
9	Spring Washer	1	For M8
10	Hexagon Socket Head Bolt	1	M8 X 40

No.	Description	Qty	Material and Remark
11	Proximity Switch (for AC)	(1)	E2E-X5Y1-5M by Omron
	Proximity Switch (for DC)	(1)	E2E-X5E1-5M by Omron
	Proximity Switch (for EC)	(1)	IG0348 by EFECTOR
12	Hexagon Socket Head Bolt	2	M10 X 25 (Accessory)
13	Flat Washer	2	For M10 (Accessory)
14	Shim Ring	2	T = 0.2
15	Round Head Screw	1	M4 X 8
16	Cable clip	1	UC-1
17	Flat Washer	1	for M8

ORDER EXAMPLE Model L - Switch Type
25HKFM-L100-AC

Model	L	Switch Type	L1
25HKFM-L 25HKFM-R	75	AC (24 - 240V)	85
	100	DC (24V)	30
	150	EC (EFECTOR Connector) SN (without switch)	80

ชิ้นส่วนหาตำแหน่ง

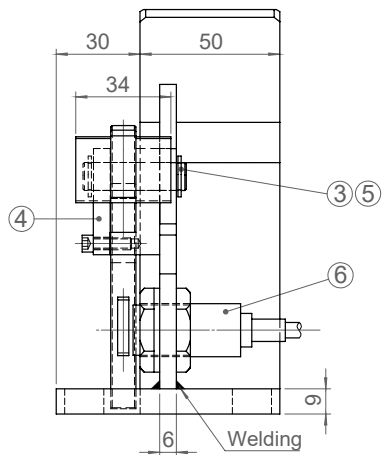
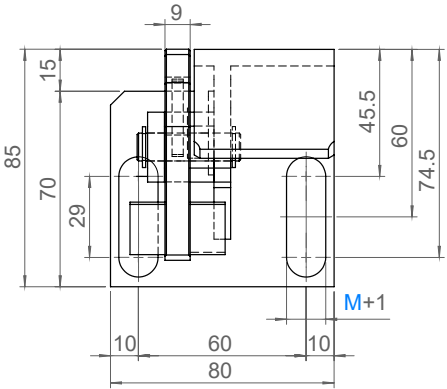
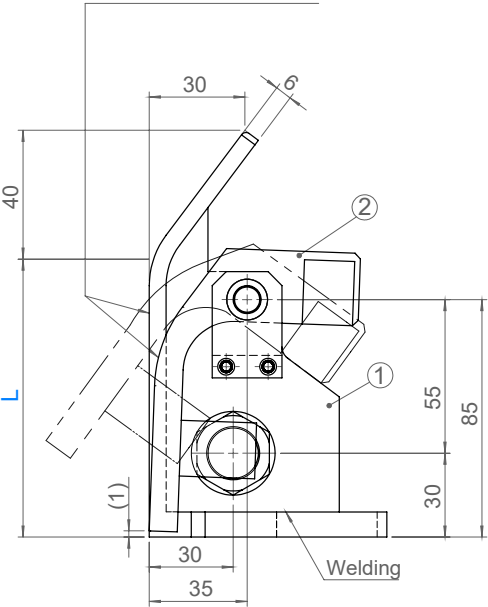
Panel Input Detector Gauge - ระบบเช็คแผ่นเหล็ก

FOIL FREE™

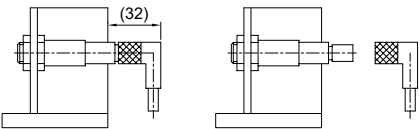
Models:
25PADG-BL (Left Hand)
25PADG-BR (Right Hand)

แผ่นเพลทชุบฮาร์ดโครมทั้งสองโมเดล
Both models's panel contact are
hard chrome plated

Panel contact surface
Hard chrome plating (10~30 µm)
(Plated)



การต่อสวิตช์
Switch mounting

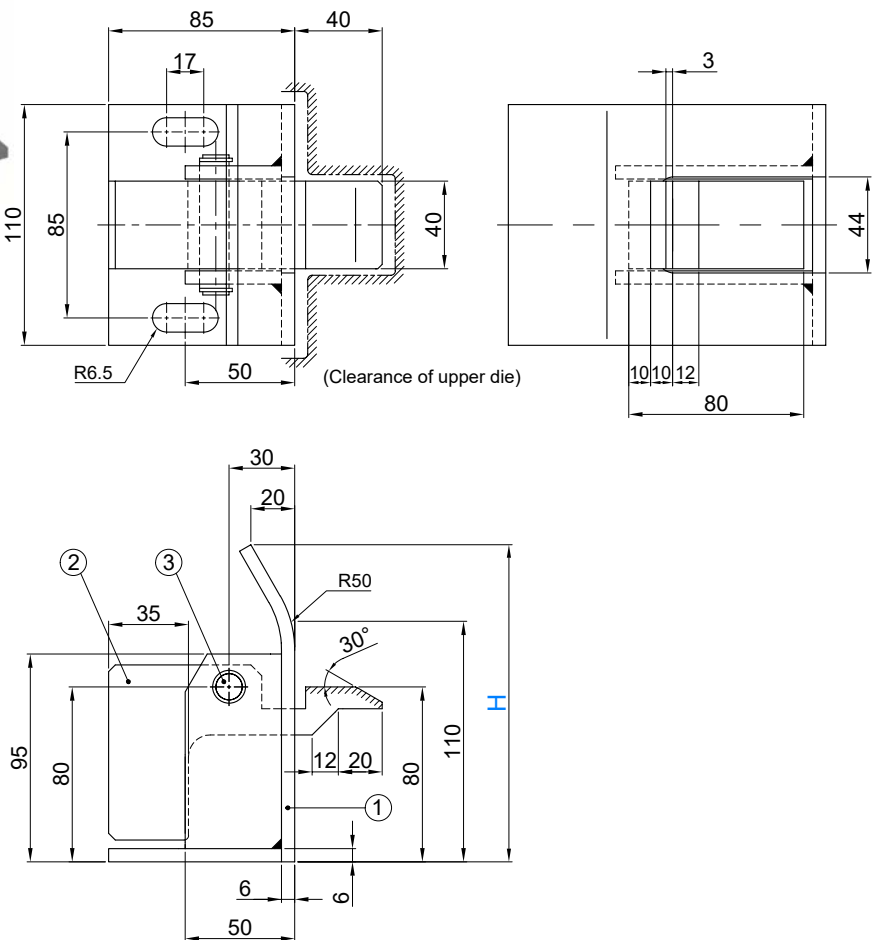


No.	Description	Qty	Material and Remark
①	Body of front gauge	1	SS400
②	Panel detection lever	1	SS400
③	Lever Pin	1	S45C
④	Support Plate	1	SS400
⑤	Snap Ring (C Type)	2	-
⑥	Proximity Switch (for AC)	(1)	E2E-X5Y1-5M by Omron
	Proximity Switch (for DC)	(1)	E2E-X5E1-5M by Omron

ORDER Model L - Switch Type - M
EXAMPLE 25PADG-BL100-AC-M10

Model	L	Switch Type	Mounting Bolt M
25PADG-BL 25PADG-BR	75	AC (100V) DC (24V)	M10
	100		M12
	150		M12

Model: 25SSGNW



ORDER
EXAMPLE

Model H
25SSGNW145

Model	H
25SSGNW	145

No.	Description	Qty	Material and Remark
①	Gauge (with base)	1	SS400
②	Support Plate	1	S45C
③	Hinge Pin	1	S45C with retaining ring

ชิ้นส่วนหาตำแหน่ง

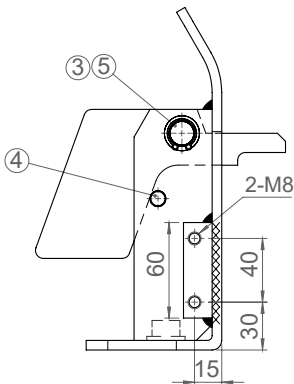
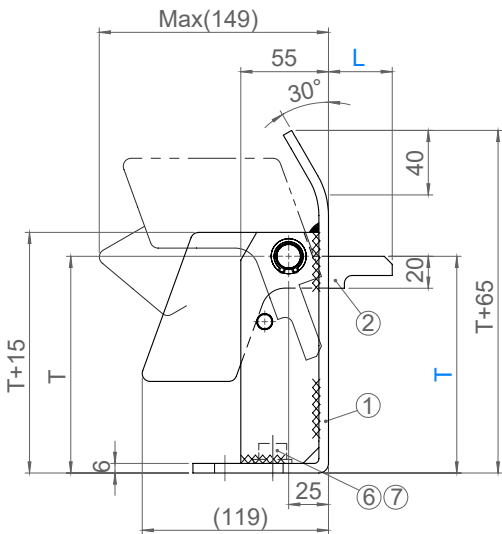
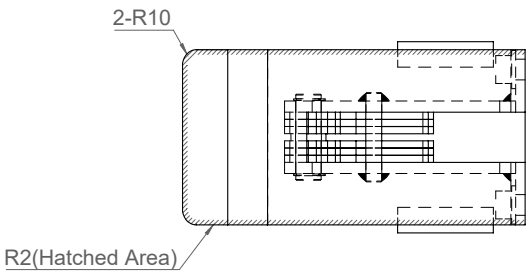
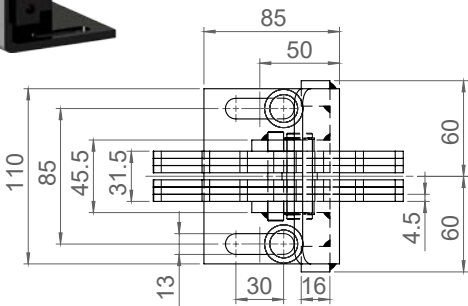
Sheet Support Gauge - ซีทซัพพอร์ต



Die Locating



Model: 25SSGW



ORDER EXAMPLE	Model	T - L
	25SSGW120-20	

Model	T	L
25SSGW	90	20 40
	120	
	150	
	180	

② Support Plate

ORDER EXAMPLE	Model	T
	25SSGW-P20	

Model	L
25SSGW-P	20
	40

No.	Description	Qty	Material and Remark
①	Gauge	1	SPC
②	Support Plate	6	SPC
③	Support Point Hinge Pin	1	S45C
④	Collar	5	SGP (1 piece is assembled 4 piece are accompanied)
⑤	C Type Retaining Ring	2	For Ø6 shaft
⑥	Hexagon Socket Head Bolt	2	SCM435 M12 X 30 (Accessory)
⑦	Washer	2	For M12 (Accessory)



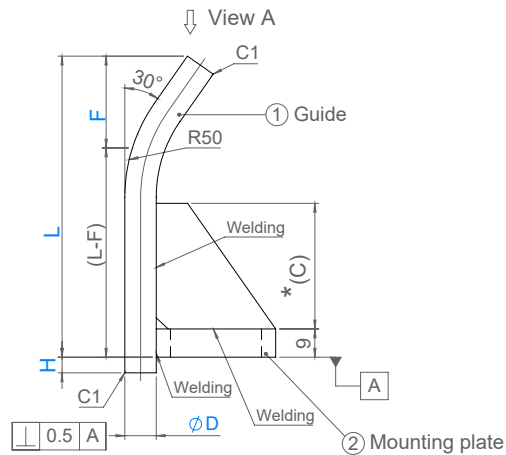
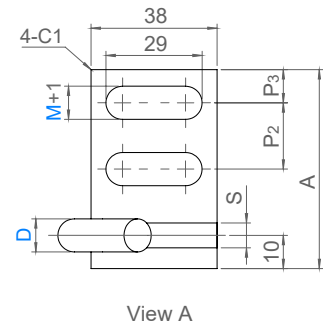
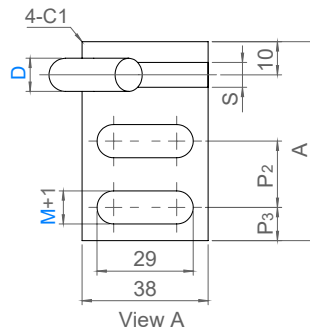
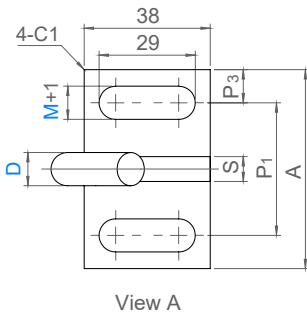
Model: 25SRG
เสาด้านกลาง
Center Type



Model: 25SRG-L
เสาด้านซ้าย
Left Hand Type



Model: 25SRG-R
เสาด้านขวา
Right Hand Type



ORDER EXAMPLE

Model D - L - F - H - M
25SRG-R18-100-20-50-M10

① S45C (เส้า / rod)
② SS400

Model	D	5mm increments			M	A	P1	P2	P3	S
		L	F	H						
25SRG 25SRG-L 25SRG-R	8	60 - 300	10 - 50 F ≤ L - 50	0 - 80	M10 M12	60	40	20	10	6
	10									9
	12									
	16									
	20				M10	75	50	25	12.5	16

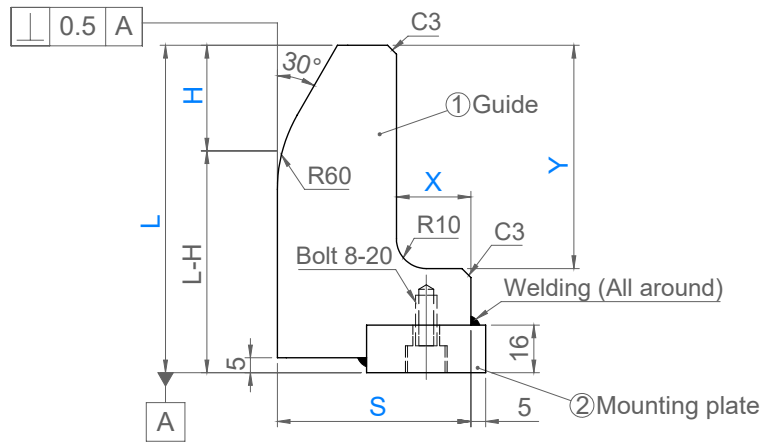
ชิ้นส่วนหาตำแหน่ง

Nest Guides (Upper Die Relief) - เนสต์ไกด์

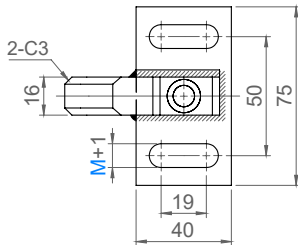
FOIL FREE™



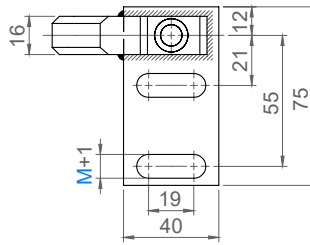
Model: 25SNGU



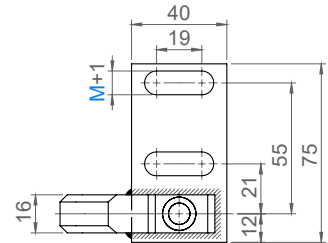
Model: 25SNGU



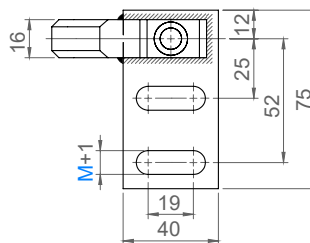
Model: 25SNGU-R



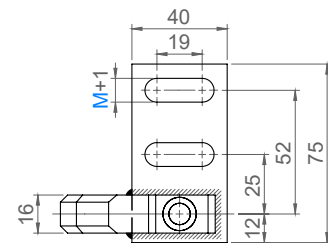
Model: 25SNGU-L



Model: 25SNGU-RN



Model: 25SNGU-LN

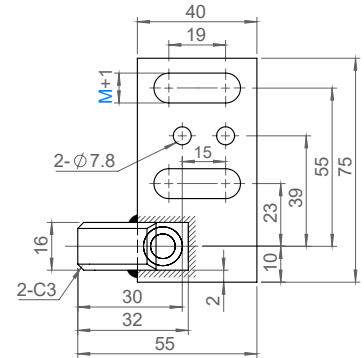
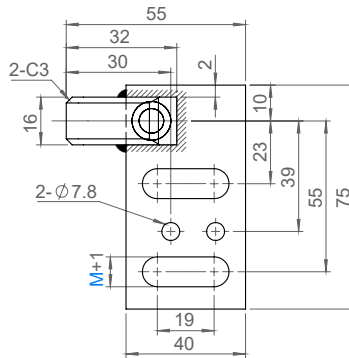
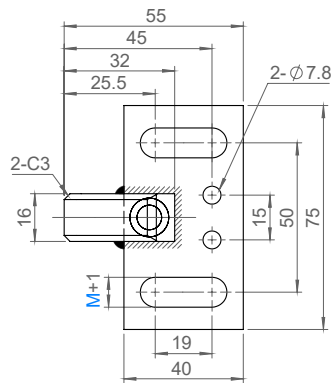
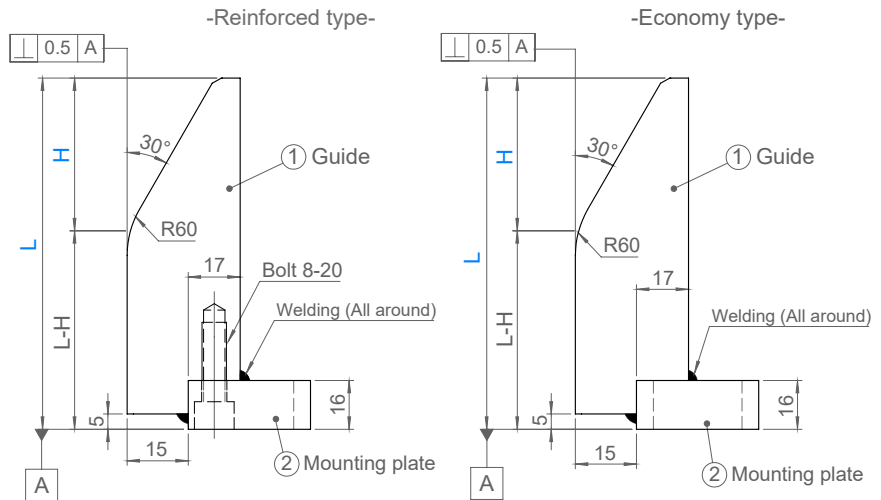


ORDER
EXAMPLE

Model L - H - S - X - Y - M
25SNGU105-30-60-20-65-M10

① S45C (เสาคู / guide)
② SS400

Model	5mm increments					Mounting Bolt M
	L	H	S	X (S - X) ≥ 30	Y (L - Y) ≥ 40	
25SNGU	75 - 100	20 - 40	50 - 100	20 - 70	35 - 60	M10 M12
25SNGU-R	105 - 150				65 - 110	
25SNGU-L	155 - 200				115 - 160	



Reinforced 25SNGN

25SNGN-R

25SNGN-L

Economy 25ENGB

25ENGB-R

25ENGB-L

แบบแข็งแรง

Reinforced Type

ORDER
EXAMPLE

Model L - H - S
25SNGN100-30-M12



① S45C (เสานัด / guide)
② SS400

แบบประหยัด

Economy Type

ORDER
EXAMPLE

Model L - H - S
25ENGB100-30-M12



① SS400 (เสานัด / guide)
② SS400

Model	5mm increments		Mounting Bolt M
	L	H	
25SNGN 25SNGN-L 25SNGN-R	65 - 200	20 - 40	M10 M12

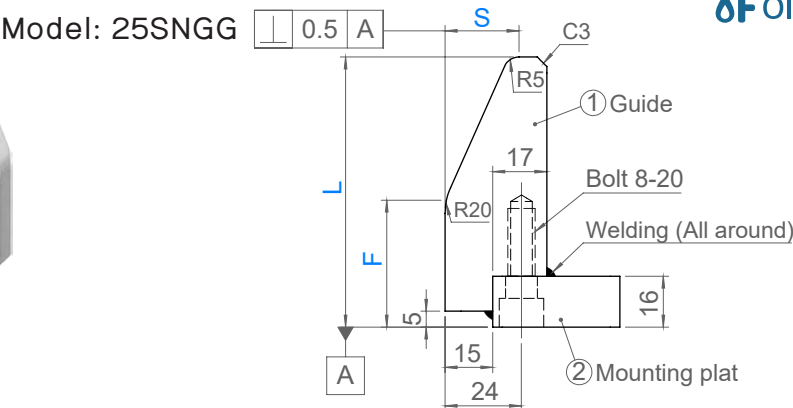
Model	5mm increments		Mounting Bolt M
	L	H	
25ENGB 25ENGB-L 25ENGB-R	65 - 350	20 - 40	M10 M12

ชิ้นส่วนหาตำแหน่ง

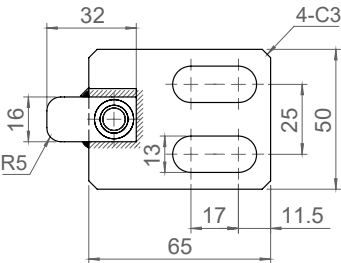
Nest Guides (No Dowel Pilot Hole) - เนสต์ไกด์

FOIL FREE™

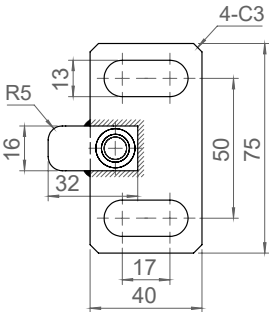
Die Locating



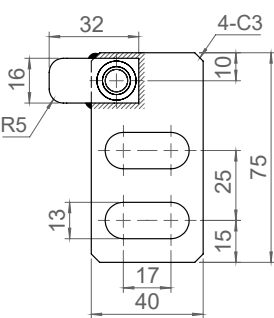
Model: 25SNGG



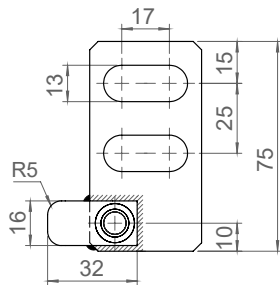
Model: 25SNGGC



Model: 25SNGGC-R



Model: 25SNGGC-L



ORDER Model L - F - S
EXAMPLE 25SNGG100-50-15



① S45C (เสาคู่มือ / guide)
② SS400

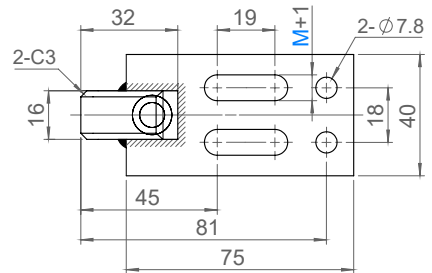
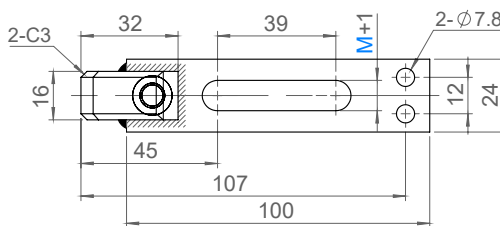
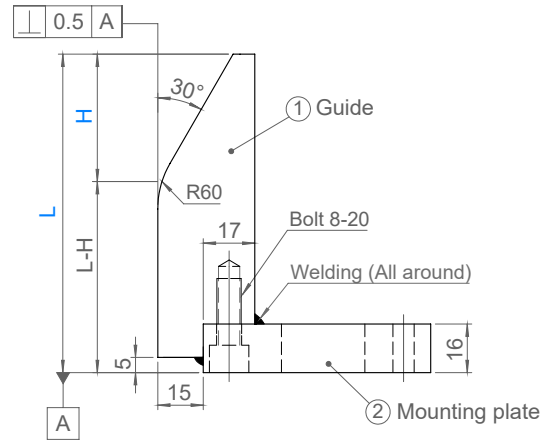
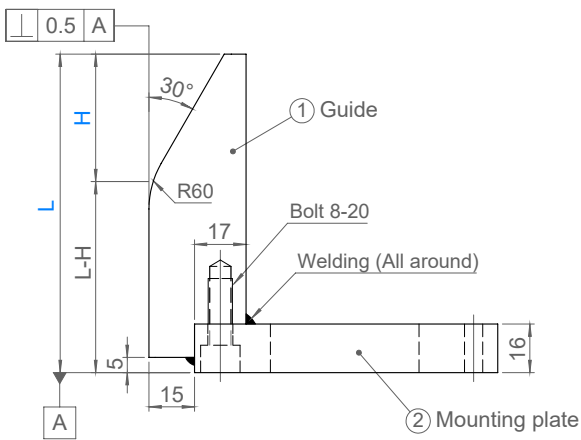
Model	L	F 10mm increments	S
25SNGG 25SNGGC 25SNGGC-R 25SNGGC-L	60	20 - 50	15 20
	80	20 - 70	
	100	20 - 90	
	120	20 - 110	
	140	20 - 130	
	160	20 - 150	
	180	20 - 170	
	200	20 - 190	



Model: 25SNGA



Model: 25SNGC



ORDER
EXAMPLE

Model L - H - M
25SNGA100-30-M10



① S45C (เสานัด / guide)
② SS400

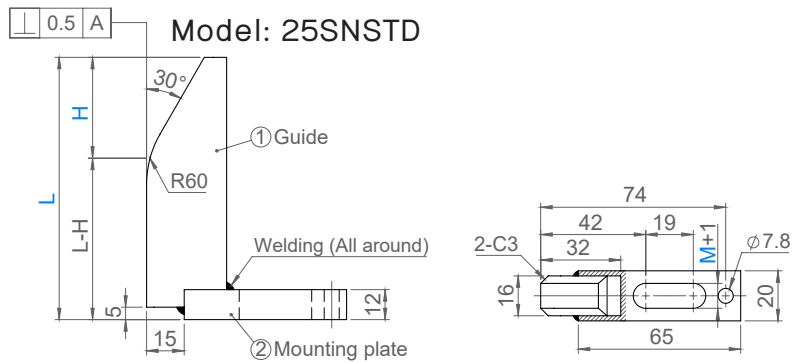
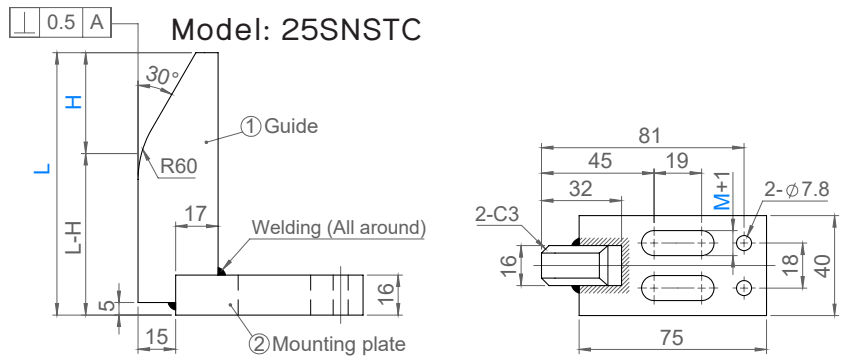
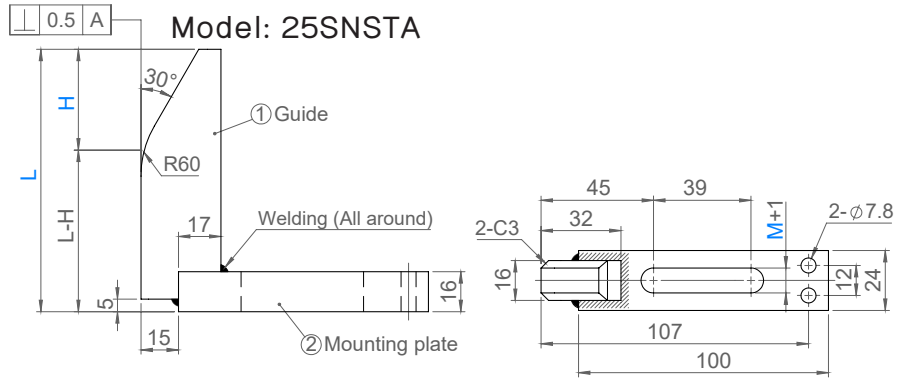
Model	5mm increments		Mounting Bolt M
	L	H	
25SNGA	65 - 200	20 - 40	M10 / M12
25SNGC	65 - 200	20 - 40	M10

ชิ้นส่วนหาตำแหน่ง

Configurable Shape Nest Guides (Economy) - เนสต์ไกด์ แบบปรับแต่งได้

FOIL FREE™

Die Locating



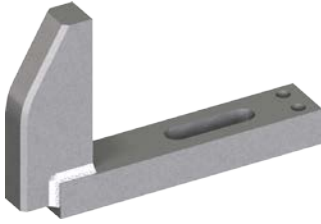
ORDER
EXAMPLE

Model L - H - M
25SNSTA100-30-M10



① SS400 (เสาคู่มือ / guide)
② SS400

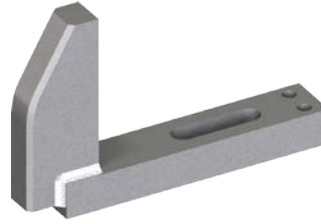
Model	5mm increments		Mounting Bolt M
	L	H	
25SNSTA	65 - 200	20 - 40	M10 / M12
25SNSTC 25SNSTD	65 - 200	20 - 40	M10



Model: 25SNGNX

แบบแข็งแรง

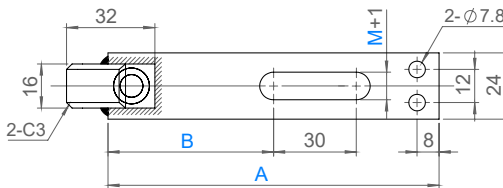
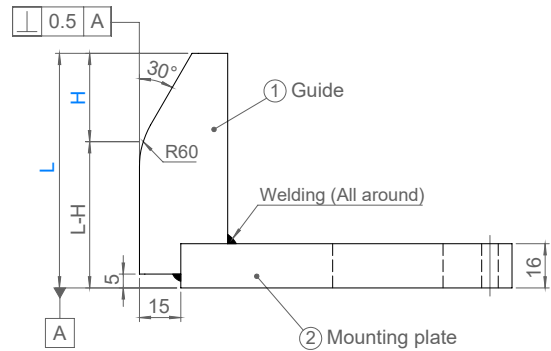
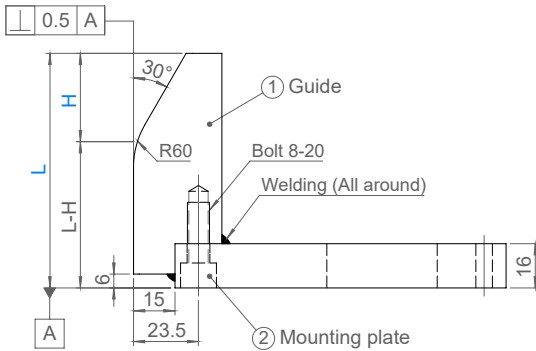
Reinforced Type



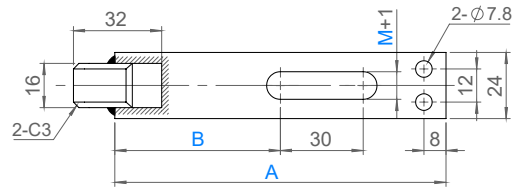
Model: 25SENGX

แบบประหยัด

Economy Type



- ① S45C (เสากลไก / guide)
② SS400



- ① SS400 (เสากลไก / guide)
② SS400

ORDER
EXAMPLE

Model L - H - M
25SNSTA100-30-M10

Model	5mm increments		A 10mm Increments	B 5mm Increments	Mounting Bolt M
	L	H			
25SNGNX 25SENGX	65 - 200	20 - 40	100 - 200	$35 \leq B \leq A - 50$	M10 M12

ชิ้นส่วนหาตำแหน่ง

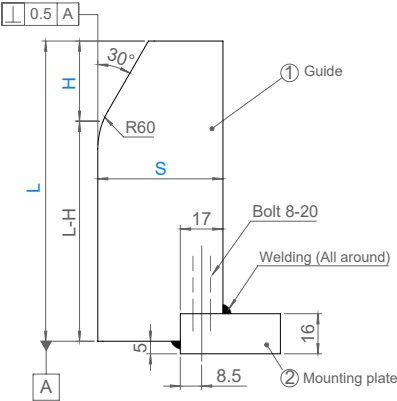
Special Configurable Nest Guides - เนสต์ไกด์ แบบปรับแต่งพิเศษ

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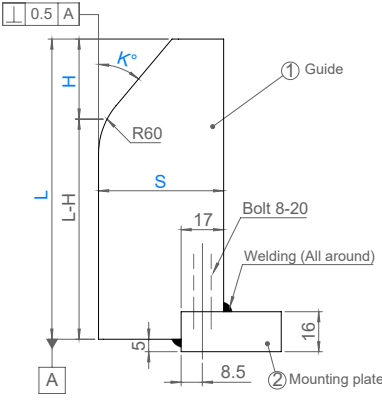
Model: 25SNGW

รุ่นปรับความกว้าง
Wide Config Type



Model: 25SNGWK

รุ่นปรับมุมแผ่นไกด์
Angle Config Type

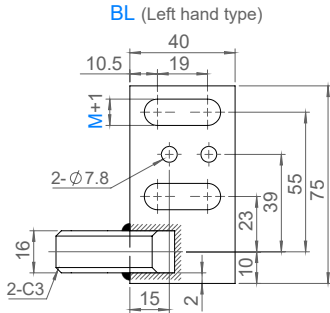
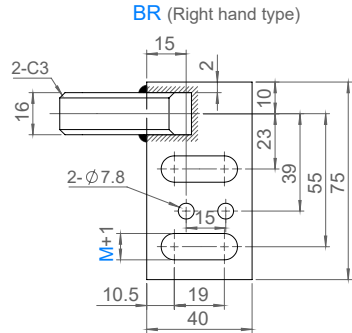
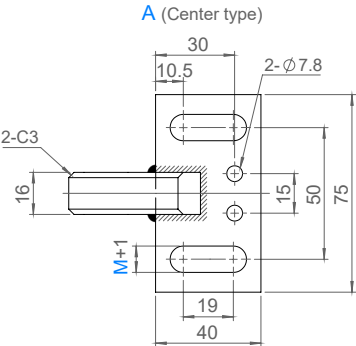
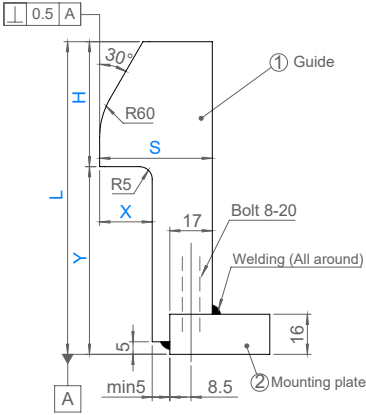


$S \geq 10 + H \tan K^\circ$



Model: 25SNGWS

รุ่นหัวตะขอ (รอยบาก)
Notched Guide Type



ORDER Model L - H - S - K - X - Y - M
EXAMPLE 25SNGWBR100-30-50-M12

① S45C (เสาคู๊ด / guide)
② SS400

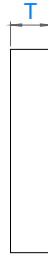
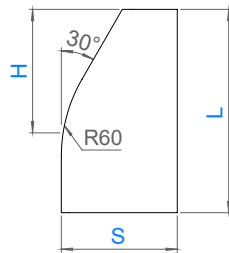
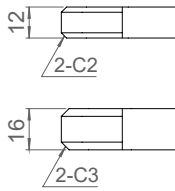
Model	Mounting Orientation	5mm increments			Mounting Bolt M
		L	H	S	
25SNGW	A (Center Type) BR (R Type) BL (L Type)	65 - 200	20 - 40	35 - 100	M10 M12

Model	Mounting Orientation	5mm increments				Mounting Bolt M
		L	H	S	K	
25SNGWK	A (Center Type) BR (R Type) BL (L Type)	65 - 200	20 - 40	32 35 - 100	$15 \leq K \leq 60$	M10 M12

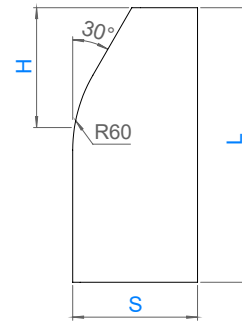
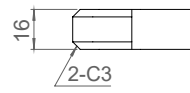
Model	Mounting Orientation	5mm increments			X 1mm increments	Y 5mm increments	Mounting Bolt M
		L	H	S			
25SNGWS	A (Center Type) BR (R Type) BL (L Type)	65 - 200	20 - 40	32 35 - 100	$X \leq S - 22$	$Y \leq L - H - 15$	M10 M12



M 25NBB: SS400
25NBBC: S45C



M S45C



**ORDER
EXAMPLE**

Model T - S - L - H
25NBB16-50-100-30

Model	Thickness T	S	L 5mm increments	H
25NBB	12	32 50 75 100	65 - 200	30 40
	16			
25NBBC	16			

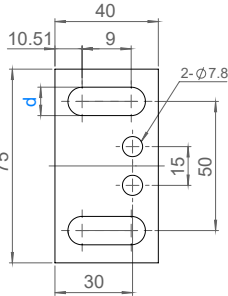
**ORDER
EXAMPLE**

Model T - S - L - H
25NBBC16-50-100-30

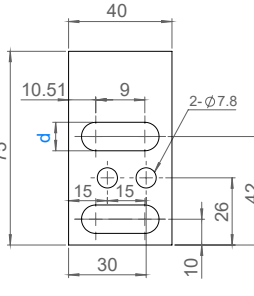
Model	Thickness T	S	10mm increments	
			L	H
25NBBC1	16	50	200 - 350	20 - 60



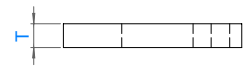
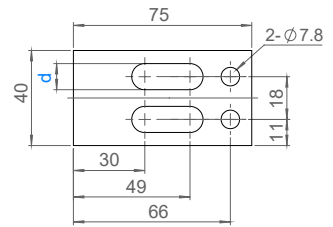
25TEA



25TEB



25TEC



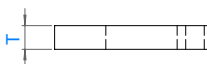
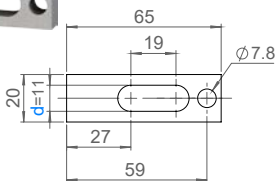
M S45C

**ORDER
EXAMPLE**

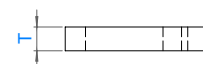
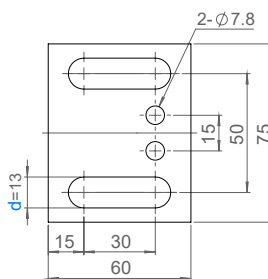
Model T - d
25TEA16-13



25TEE



25TEL



Model	Thickness T	d
25TEA 25TEB	12	11
		13
25TEC	16	11
		13
25TEE	12	11
25TEL	16	13

ชิ้นส่วนหาตำแหน่ง

Nest Guide with Surface Support - เนสต์ไกด์ แบบมีหน้าสัมผัสกว้าง

FOIL FREE™



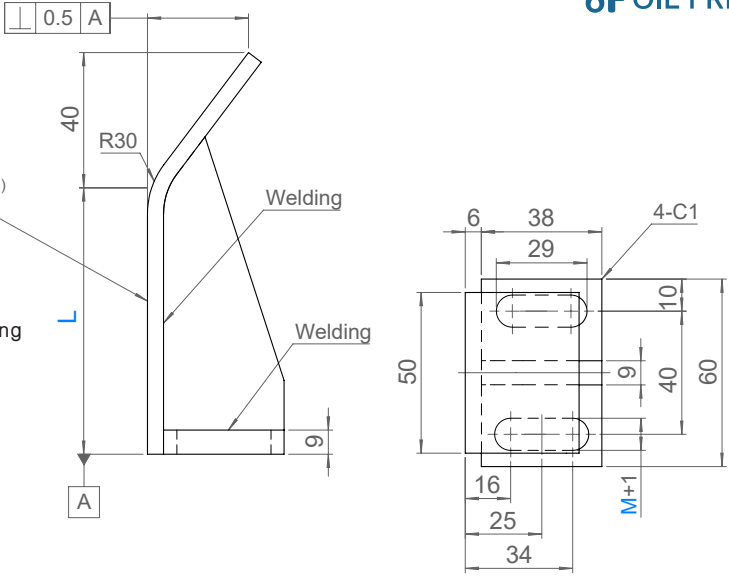
Die Locating

SS400

Panel contact face
Hard chrome plating (10-30 µm)
(plated)

Model: 25SNTFA
ไม่มีการชุบผิว
Non-Hard Chrome Plating

Model: 25SNTFB
มีการชุบผิว
Hard Chrome Plating

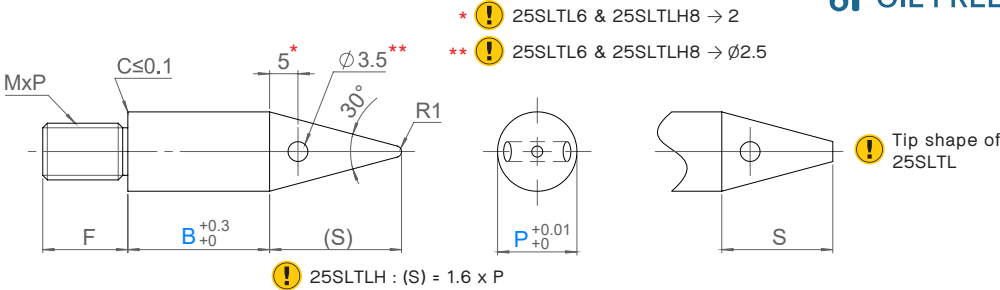


ORDER EXAMPLE Model L - M
25SNTFA100-M10

Model	L 5mm increments	Mounting Bolt M	Type
25SNTFA	75 - 150	M10 / M12	ไม่ชุบผิว / non-plated
25SNTFB			ชุบผิว / plated

Locating Pilot Pins - ไพลัดพินล๊อคตำแหน่ง

FOIL FREE™



* ! 25SLTL6 & 25SLTLH8 → 2
** ! 25SLTL6 & 25SLTLH8 → Ø2.5

! 25SLTLH : (S) = 1.6 x P

ORDER EXAMPLE Model P - B
25SLTL10-10

SKS3
37 - 43HRC

Model: 25SLTL ขนาด P ตามตัว
Fixed P dimension

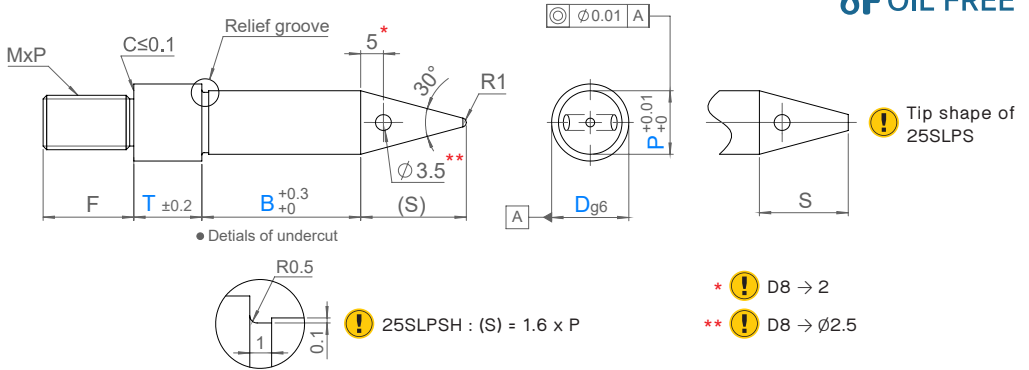
Model	P	B	MxP	F	S
25SLTL	6	5 10	5x0.8	12	10
	8		6x1.0		
	9	10 15	6x1.0	12	10
	10		8x1.25		
	12	15 20	10x1.5	15	15
	14		12x1.75		
	15	20 25	12x1.75	15	17
	16		12x1.75		
	20	25 30	16x2.0	25	20

Model: 25SLTLH กำหนดขนาด P และ B ได้
Config P and B

Model	P 0.01 increments	B 1 increments	MxP	F
25SLTLH	8	5 - 50	5x0.8	12
	10		6x1.0	
	12		8x1.25	15
	14		10x1.5	
	16		12x1.75	
	20		16x2.0	

Locating Pilot Pins - ไพล็อตพินล๊อคตำแหน่ง

FOIL FREE™



ORDER
EXAMPLE

Model D - P - B - T
25SLPSH10-9.05-10-10

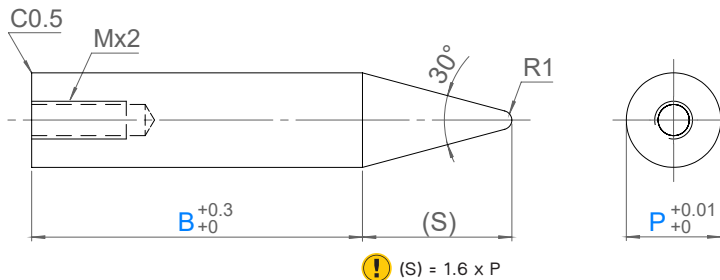
SKS3
37 ~ 43HRC

Model: 25SLPS ขนาด P ตามตัว
Fixed P dimension

Model	D	MxP	F	P	B	T	S
25SLPS	8	6x1.0	12	6	5	3	10
	10	8x1.25	15	8		5	10
	13	12x1.75	15	10		15	15
	16			13	10	17	17
	20	16x2.0	25	16		20	20
	25			20		25	25

Model: 25SLPSH กำหนดขนาด P B และ T ได้
Config P B and T

Model	D	P 0.01 increments	B 1 increments	T 1 increments	MxP	F
25SLPSH	8	6.00 ~ 8.00	5 ~ 60	3 ~ 15	6x1.0	12
	10	8.00 ~ 10.00			8x1.25	15
	13	10.00 ~ 12.00			12x1.75	
	16	12.00 ~ 14.00				
	20	14.00 ~ 16.00			16x2.0	25
	25	16.00 ~ 20.00				



ORDER
EXAMPLE

Model P - B
25SNSTH10-9.05-10.5

SKS3
60 ~ 63HRC

Model: 25SNST ขนาด P ตามตัว
Fixed P dimension

Model	P	B	MxP
25SNST	6	10 15	4x0.7
	8		5x0.8
	10	15 20	
	12		6x1.0
	13		
	15		
	16		
	20	40 50	8x1.25

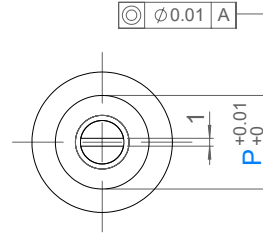
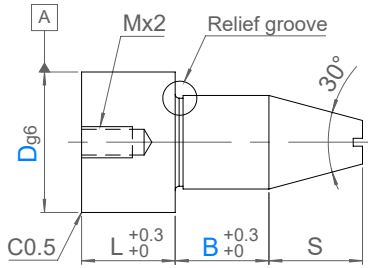
Model: 25SNSTH กำหนดขนาด P และ B ได้
Config P and B

Model	P 0.01 increments	B 0.1 increments	MxP
25SNSTH	6	10 - 80	4x0.7
	8		5x0.8
	10		
	12		6x1.0
	13		
	15		
	16		
	20		8x1.25

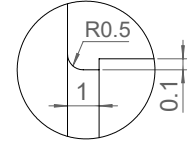
ชิ้นส่วนหัวตำแหน่ง

Locating Pilot Pins - ไพล์ลิตพินล๊อคตำแหน่ง

FOIL FREE™



• Details of undercut



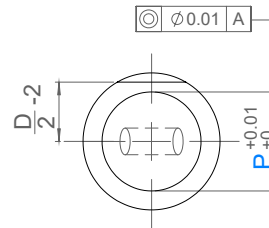
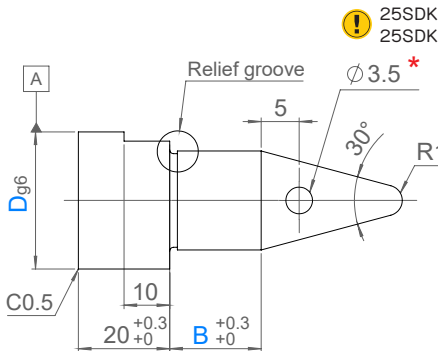
ORDER Model D - P - B
EXAMPLE 25SDSTH10-8.05-3.1 SKS3
 60 - 63HRC

Model: 25SDST ขนาด P ตามตัว
 Fixed P dimension

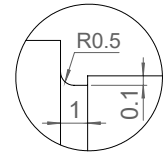
Model	D g6	MxP	P	L	S	B
25SDST	8	-0.005 -0.014	5x0.8	6	15	10
	10	-0.005 -0.014	6x1.0	8	8	
	13	-0.006 -0.017	8x1.25	10	20	12
	16	-0.006 -0.017	10x1.5	12	17	
	20	-0.007 -0.020	12x1.75	16	20	15

Model: 25SDSTH กำหนดขนาด P และ B ได้
 Config P and B

Model	D g6	P 0.01 increments	B 0.1 increments	MxP	L	S
25SDSTH	8	-0.005 -0.014	6.00 - 7.00	5x0.8	15	6
	10	-0.005 -0.014	7.00 - 9.00	6x1.0	8	
	13	-0.006 -0.017	9.00 - 12.00	8x1.25	20	12
	16	-0.006 -0.017	12.00 - 15.00	10x1.5	17	
	20	-0.007 -0.020	15.00 - 18.00		20	20



• Details of undercut



ORDER Model D - P - B
EXAMPLE 25SDKLH13-7.05-5.1 SKS3
 60 - 63HRC

Model: 25SDKL ขนาด P ตามตัว
 Fixed P dimension

Model	D g6	P	B
25SDKL	10	-0.005 -0.014	6
	13	-0.006 -0.017	8
	16	-0.006 -0.017	10
	20	-0.007 -0.020	12
	25	-0.007 -0.020	16

Model: 25SDKLH กำหนดขนาด P และ B ได้
 Config P and B

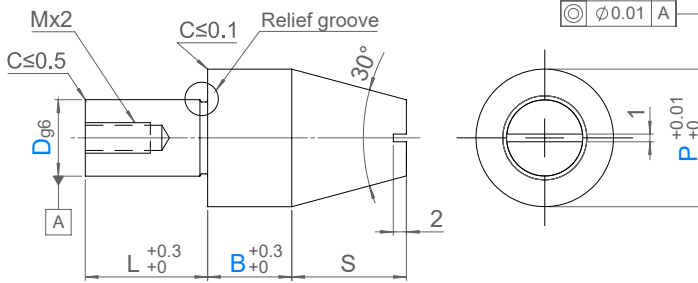
Model	D g6	P 0.01 increments	B 0.1 increments
25SDKLH	10	-0.005 -0.014	6.00 - 7.00
	13	-0.006 -0.017	7.00 - 9.00
	16	-0.006 -0.017	9.00 - 12.00
	20	-0.007 -0.020	12.00 - 15.00
	25	-0.007 -0.020	15.00 - 20.00

Locating Pilot Pins - โพล็อตพินล๊อคตำแหน่ง

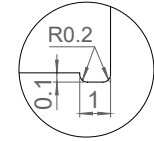
FOIL FREE™



Model: 25SKSTH



• Details of undercut



ORDER
EXAMPLE

Model D - P - B
25SKSTH10-15.05-2

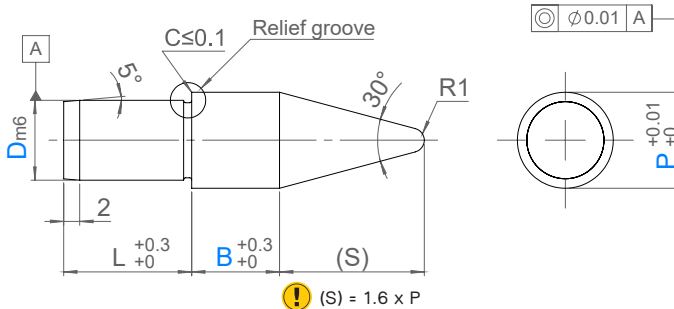


SKS3
60 - 63HRC

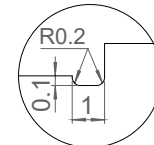
Model	D g6		P 0.01 increments	B 0.1 increments	M	L	S
25SKSTH	5	-0.004 -0.012	8.00 - 8.99	1.00 - 12.00	3	12	8
			9.00 - 10.00				10
	6	-0.005 -0.014	10.00 - 10.99	1.00 - 15.00	3	12	10
			11.00 - 12.00				12
	8	-0.006 -0.017	12.00 - 12.99	1.00 - 15.00	4	15	15
			13.00 - 16.00				17
	10	-0.006 -0.017	14.00 - 14.99	1.00 - 20.00	5	15	17
			15.00 - 20.00				20
	13	-0.006 -0.017	16.00 - 16.99	1.00 - 20.00	6	20	20
			17.00 - 20.00				25
	16		18.00 - 20.00	1.00 - 20.00	8	24	25



Model: 25SFSTH



• Details of undercut



! (S) = 1.6 x P

ORDER
EXAMPLE

Model D - P - B
25SFSTH10-15.05-2



SKS3
60 - 63HRC

Model	D m6		P 0.01 increments	B 0.1 increments	L
25SFSTH	4	+0.012 +0.004	4.00 - 8.00	1.00 - 12.00	12
	5		5.00 - 10.00	1.00 - 12.00	
	6		6.00 - 12.00	1.00 - 15.00	
	8	+0.015 +0.006	8.00 - 14.00	1.00 - 15.00	15
	10		10.00 - 16.00	1.00 - 20.00	
	13	+0.018 +0.007	13.00 - 18.00	1.00 - 20.00	20
	16		16.00 - 20.00	1.00 - 20.00	

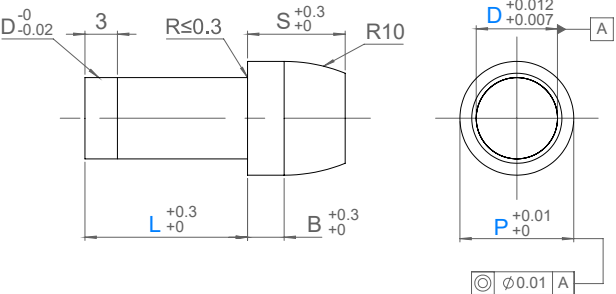
ชิ้นส่วนหาตำแหน่ง

Locating Pilot Pins - ไพล์ลิตพินล๊อคตำแหน่ง

FOIL FREE™



Model: 25PST



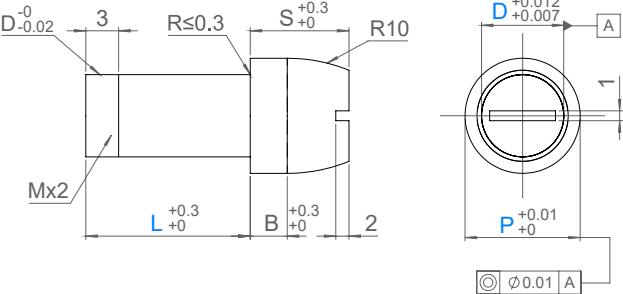
ORDER Model D - L - P
EXAMPLE 25PST5-15-7.05

SKS3
60 - 63HRC

Model	D	L	P 0.01 increments	B	S
25PST	1	12	1.50 - 3.00	1	4
	2	12	2.50 - 4.00		5
	3		4.00 - 6.00		6
	4		5.00 - 7.00	2	7
	5		6.00 - 8.00		8
	6	15	7.00 - 9.00		
	8		9.00 - 13.00	3	9
	10		11.00 - 15.00		



Model: 25PSTM

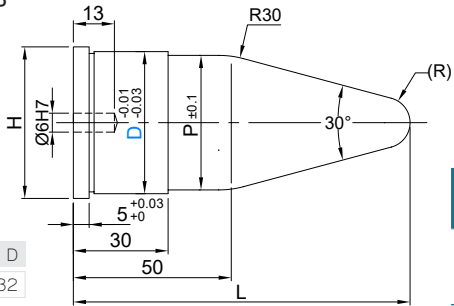


ORDER Model D - L - P
EXAMPLE 25PSTM8-15-9.05

SKS3
60 - 63HRC

Model	D	L	P 0.01 increments	B	S	M
25PSTM	5	12	6.00 - 8.00	2	7	3
	6	15	7.00 - 9.00		8	
	8	15	9.00 - 13.00	3	9	4
	10	18	11.00 - 15.00			5

Model: 25RFPP



ORDER Model D
EXAMPLE 25RFPP32

SKS3
55HRC ~

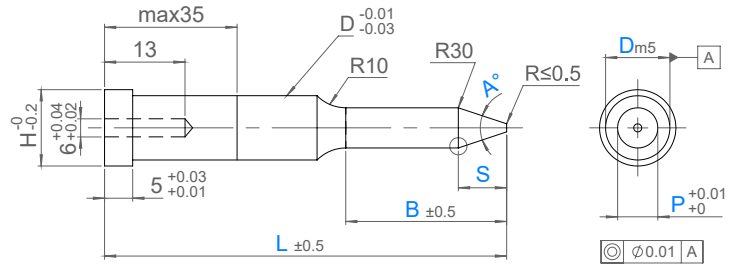
Model	D	H	L	R	P
25RFPP	32	35	90	5	29.5
	45	48	110	8	44.5

Locating Pilot Punches - โพลีออตพันธุ์ล๊อคตำแหน่ง

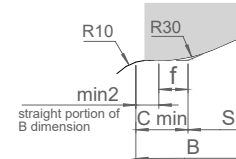
FOIL FREE™



Model	Material		Coating
25RTP	SKD11	60 - 63HRC	-
25T-RTP	SKD11	60 - 63HRC	3000HV



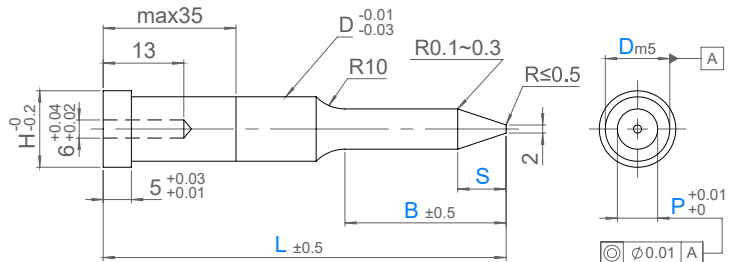
Details of ○



A	f	Cmin.
20°	2.624	5
30°	3.950	6
40°	5.967	8



Model	Material		Coating
25RTPE	SKD11	60 - 63HRC	-
25T-RTPE	SKD11	60 - 63HRC	3000HV



ORDER EXAMPLE

Model D - L - P - B - S - A
25RTP13-100-P10.05-B30-S10-A20

Model	D	L 1mm increments	P 0.01 increments	B 1mm increments	S 1mm increments	A	H
25RTP	10	70 - 200	6.00 - 9.99	20 - 100	10 - 50 S ≤ B - Cmin.	20 30 45	13
25RTP 25T-RTP	13		6.00 - 12.99				16
	16		8.00 - 15.99				19
	20		11.00 - 19.99				23
	25		16.00 - 24.99				28
25RTP	32		18.00 - 31.99				35

Model	D	L 1mm increments	P 0.01 increments	B 1mm increments	S 1mm increments	A	H
25RTPE	10	70 - 150	6.00 - 9.99	10 - 50	8 - 45 S ≤ B - 2	20 30 45	13
25RTPE 25T-RTPE	13		6.00 - 12.99				16
	16		8.00 - 15.99				19
	20		11.00 - 19.99				23
	25		16.00 - 24.99				28
25RTPE	32		18.00 - 31.99				35

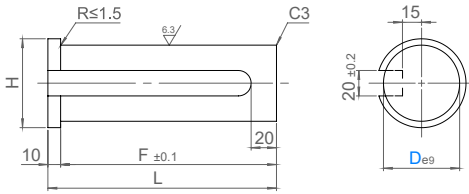
ชิ้นส่วนหาตำแหน่ง

Locating Pins - พินล๊อคตำแหน่ง

FOIL FREE™



Model:
25DIKPA
S45C

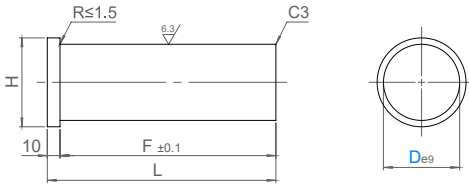


ORDER
EXAMPLE Model D
25DIKPA60

Model	D e9		H	F	L
25DIKPA	60	$\begin{smallmatrix} -0.060 \\ -0.134 \end{smallmatrix}$	70	170	180



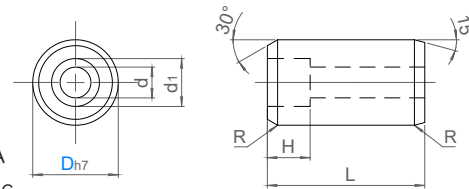
Model:
25DIKPB
S45C



Model	D e9		H	F	L
25DIKPB	50	$\begin{smallmatrix} -0.050 \\ -0.112 \end{smallmatrix}$	60	145	155
	60	$\begin{smallmatrix} -0.060 \\ -0.134 \end{smallmatrix}$	70	170	180



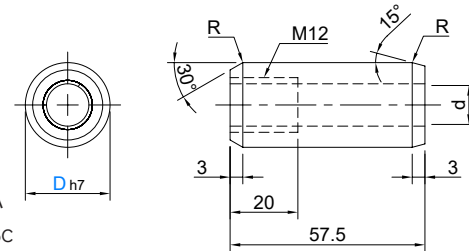
Model:
25DLP A
S45C
40 ~ 45HRC



Model	D h7		L	R	d	d1	H
25DLP A	20	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	46	3	11	-	-
	25	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	56	5		17.5	12
	32	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	70	5		17.5	24



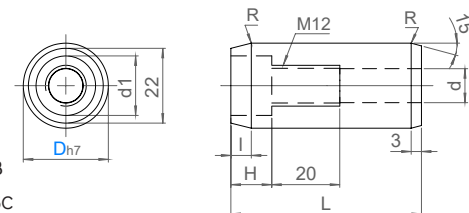
Model:
25TLPA
S45C
40 ~ 45HRC



Model	D h7		L	R	d
25TLPA	20	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	45	3	10.5



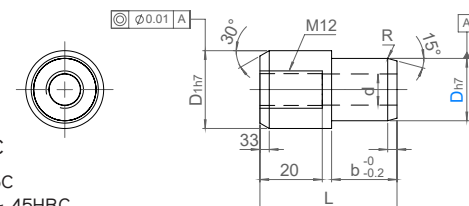
Model:
25TLPB
S45C
40 ~ 45HRC



Model	D h7		L	R	d	d1	H	ℓ
25TLPB	25	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	56	3	10.5	17.5	12	6
	32	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	65	5			24	10



Model:
25TLPC
S45C
40 ~ 45HRC



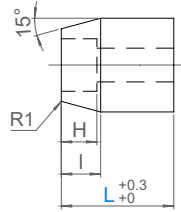
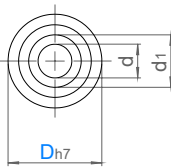
Model	D h7		D1 h7		L	R	d	b
25TLPC	20	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	25	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	44	3	10.5	21

Locating Pins - พินล๊อคตำแหน่ง

FOIL FREE™



Model:
25LPU



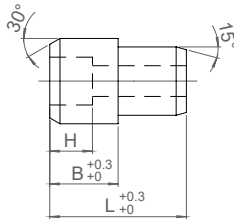
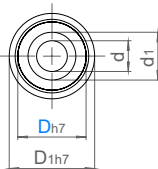
M S45C

ORDER Model D - L
EXAMPLE 25LPU32-30

Model	D h7		L	I	d	d1	H
25LPU	25	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	25	12	9	14	11
			30				
	32	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	30	15	11	17.5	13
			35				
40	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	35	18	14	20	15
			40				



Model:
25LPL



M S45C
40 ~ 45HRC

ORDER Model D
EXAMPLE 25LPL32

Model	D h7		D1 h7		L	B	d	d1	H
25LPL	20	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	25	$\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	40	20	9	14	11
	25	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	32	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	50	25	11	17.5	12
	32	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	40	$\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	70	35	11	17.5	24

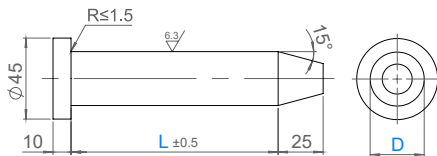
Die Locating

Locating Pins - พินล๊อคตำแหน่ง

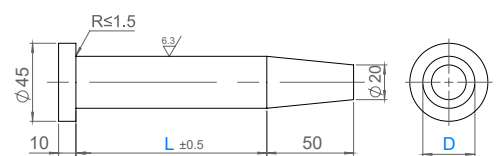
FOIL FREE™



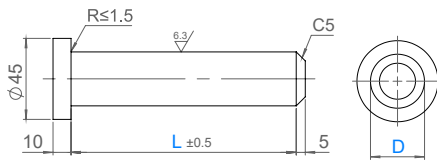
Model: 25IKPDA



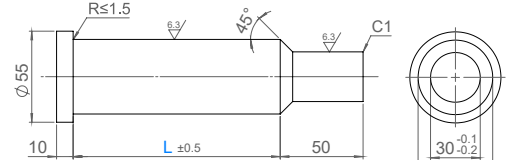
Model: 25IKPDB



Model: 25IKPDC



Model: 25IKPE



ORDER Model D - L
EXAMPLE 25IKPDA30-150

M S45C

Model	D		L 5mm increments
25IKPDA 25IKPDB 25IKPDC	30	$\begin{smallmatrix} -0.1 \\ -0.2 \end{smallmatrix}$	110 ~ 200
25IKPE	45	$\begin{smallmatrix} -0.1 \\ -0.2 \end{smallmatrix}$	110 ~ 200

ชิ้นส่วนหาตำแหน่ง

Pre-Holding Push Pin Sets - ชุดพรีโฮลด์ดันพิน

FOIL FREE™

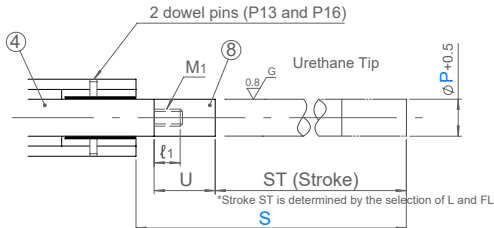
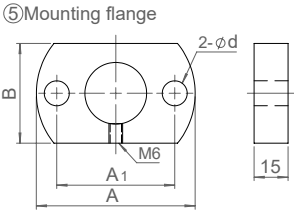
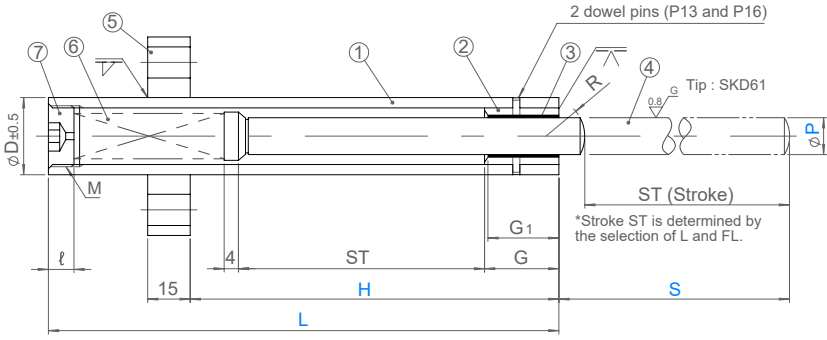


Model: 25S-PAP

ปลายเหล็กเหนียว
Steel Tip

Model: 25S-PAP-U

ปลายยูรีเทน
Urethane Tip



- ① ② ⑤ (M) SS400
- ③ Oil Free™ Bush
- ④ (M) SKD61 + Nitrile Coating 40 ~ 50HRC 900HV ~ (surface)
- ⑥ (M) SWP-A
- ⑦ (M) S45C
- ⑧ (M) Urethane (A90)

ORDER EXAMPLE Model P - S - L - H - FL 25S-PAP16-150-220-190-200

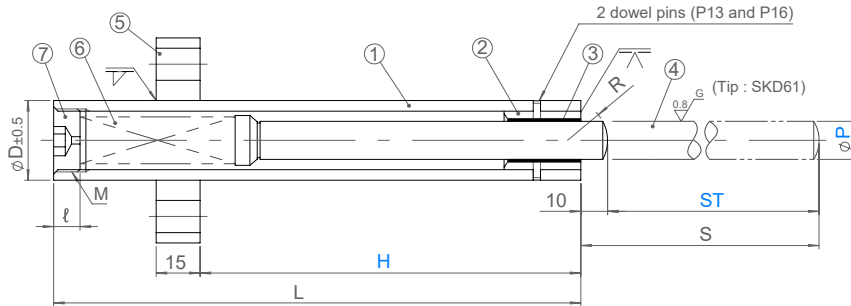
Model	P	S	L 10mm increments	H 10mm increments	Spring FL	Case					Pushing Pin				Mounting Flange			
						D	G	G1	ℓ	M	R	U	M1	ℓ1	A	A1	B	d
25S-PAP 25S-PAP-U	13	100	150 - 250	0 ≤ H ≤ L - 20	90	27.2	22	20	10	22	20	15	M6	9	70	52	40	11
		150			125													
		200			150													
		250			175													
	16	100	150 - 350	0 ≤ H ≤ L - 20	90	34	27	25	10	26	25	20	M8	12	80	60	50	11
		150			125													
		200			150													
		250			175													
		300			200													
	20	100	180 - 500	0 ≤ H ≤ L - 20	90	42.7	32	30	12	33	30	25	M10	15	90	70	60	13
		150			150													
		200			175													
		250			200													
		300			250													
		350			300													
		400			350													
		450			400													
		500			425													
		550			450													



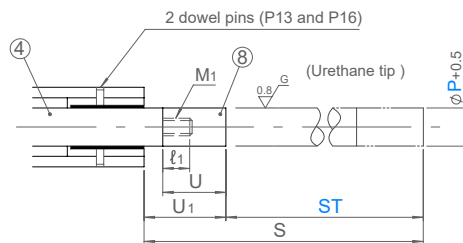
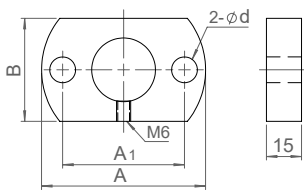
Model: 25S-PAP-E Model: 25S-PAP-EU

ปลายเหล็กเหนียว
Steel Tip

ปลายยูรีเทน
Urethane Tip



⑤ Mounting flange



- ① ② ⑤ (M) SS400
- ③ Oil Free™ Bush
- ④ (M) SKD61 + Nitrile Coating 40 ~ 50HRC 900HV ~ (surface)
- ⑥ (M) SWP-A
- ⑦ (M) S45C
- ⑧ (M) Urethane (A90)

ORDER
EXAMPLE

Model P - ST - H
25S-PAP-E16-50-90

P	ST	H 1mm increments	Case			Pushing Pin					Mounting Flange				FL	Spring Constant N/mm (kgf/mm)	Initial Load Max Load		S		L
			D	ℓ	M	R	U	U1	M1	ℓ1	A	A1	B	d			N (kgf)		Steel	Urethane	
13	50	0 - 95	27.2	10	22	20	15	20	M6	9	70	52	40	11	90	0.63 (0.064)	7.8 (0.8)	39.2 (4.0)	60	70	115
	100	0 - 170													175	0.32 (0.033)			110	120	190
	150	0 - 250													270	0.21 (0.021)			160	170	270
16	50	0 - 100	34	10	26	25	20	25	M8	12	80	60	50	11	90	0.80 (0.082)	9.8 (1.0)	49 (5.0)	60	75	120
	100	0 - 175													175	0.39 (0.040)			110	125	195
	150	0 - 255													270	0.26 (0.027)			160	175	275
	200	0 - 330													350	0.20 (0.020)			210	225	350
20	50	0 - 110	42.7	12	33	30	25	30	M10	15	90	70	60	13	90	0.95 (0.097)	9.8 (1.0)	58.8 (6.0)	60	80	130
	100	0 - 185													175	0.48 (0.049)			110	130	205
	150	0 - 260													260	0.32 (0.033)			160	180	280
	200	0 - 340													330	0.23 (0.024)			210	230	360
	250	0 - 410													425	0.20 (0.020)			260	280	430

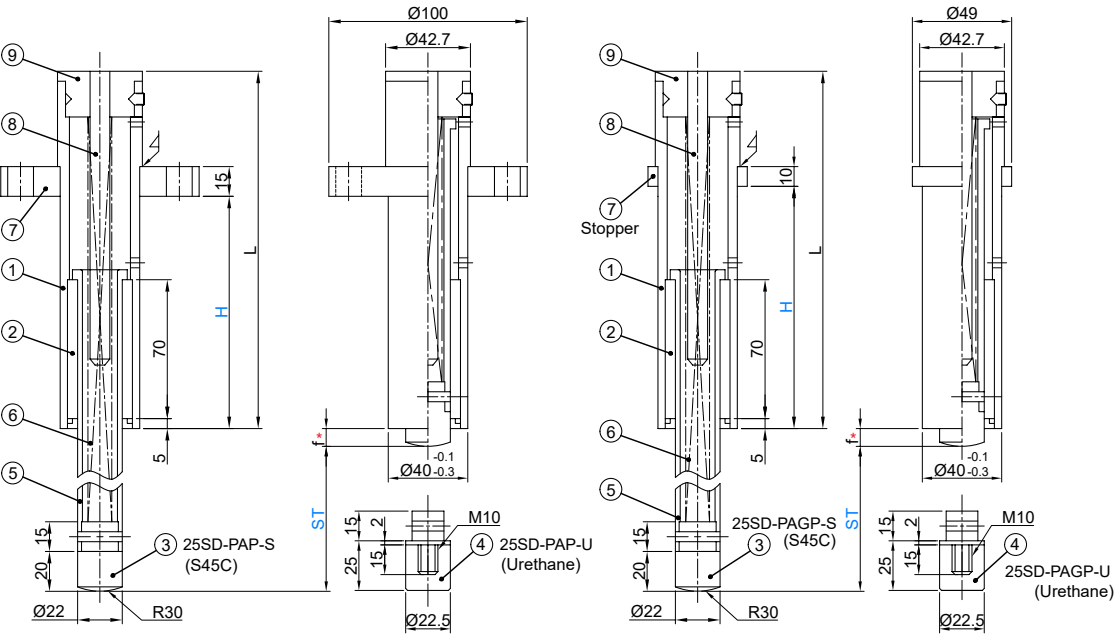
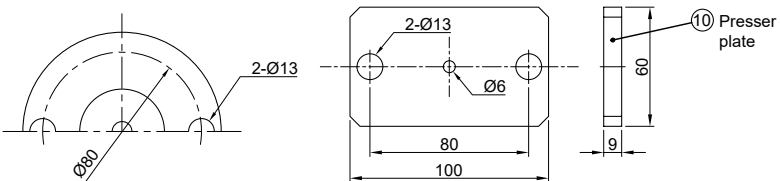
ชิ้นส่วนหาตำแหน่ง

Pre-Holding Push Pin Sets (Long Stroke) - ชุดพรีโฮลด์ดึงพุชพิน



Die Locating

	แบบสปริง Spring Type	แบบสปริง + น้ำหนักตายตัว Spring + Dead Weight
ปลายเหล็กเหนียว Steel Tip	Model: 25SD-PAP-S	Model: 25SD-PAGP-S
ปลายยูรีเทน Urethane Tip	Model: 25SD-PAP-U	Model: 25SD-PAGP-U



Tip	f
S45C	10
Urethane	15

- ① ⑤ ⑧ ⑨ ⑩ (M) SS400
 - ② (M) BC6
 - ③ (M) S45C
 - ④ (M) Urethane (A90)
 - ⑥ (M) SWP-A
 - ⑦ (M) S45C
- 55HRC - (Induction Hardened)

ORDER Model ST - H
EXAMPLE 25SD-PAP-S200-200

Model	Stroke ST	H 1mm increments	Spring Constant N/mm (kgf/mm)	Initial Load	Max Load	Weight (g)	L
				N (kgf)			
25SD-PAP-S 25SD-PAP-U (Spring Type)	200	90 - 260	0.29 (0.029)	10.8 (1.1)	67 (6.9)	3350	312
	220	90 - 290	0.26 (0.026)			3800	338
25SD-PAGP-S 25SD-PAGP-U (Spring+Dead Weight)	250	90 - 310	0.24 (0.024)	8.8 (0.9)		4020	364
	270	90 - 340	0.22 (0.022)			4180	390
	300	90 - 360	0.20 (0.021)	6.9 (0.7)		4400	414



ปลายเหล็กเหนียว
Steel Tip

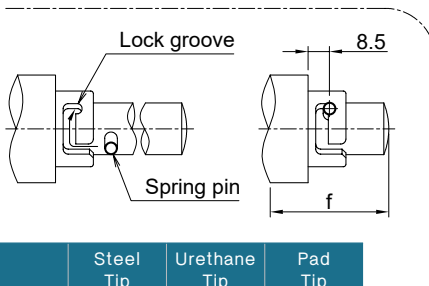
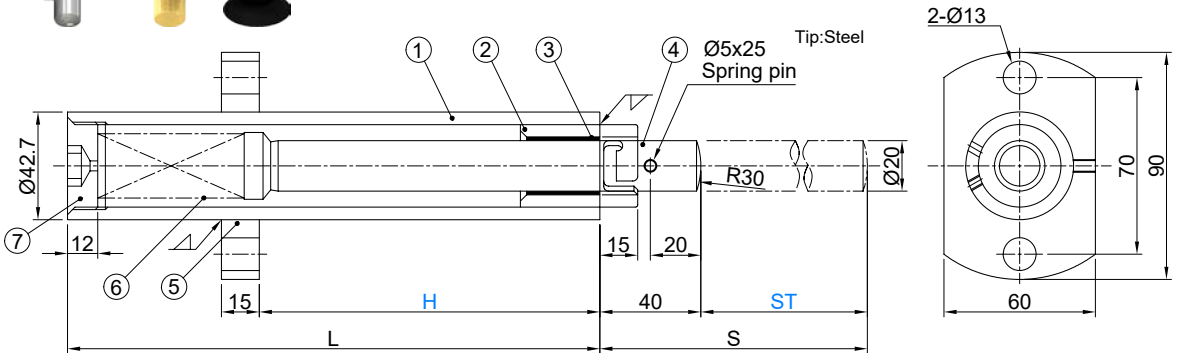
Model: 25SD-PAP-Z-S

ปลายยูรีเทน
Urethane Tip

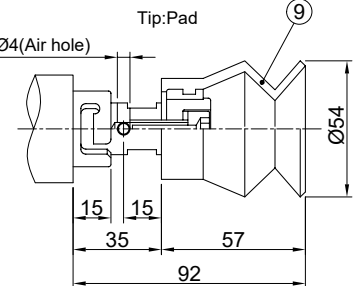
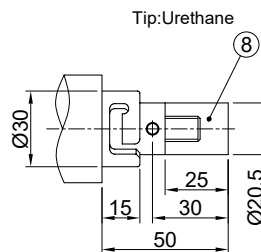
Model: 25SD-PAP-Z-U

ปลายแปด
Pad Tip

Model: 25SD-PAP-Z-P



	Steel Tip	Urethane Tip	Pad Tip
f	28.5	38.5	80.5



① ② ⑤ ⑦ (M) SS400

③ Oil Free™ Bush

④ (M) SKD61+Nitrile Coating
40 - 50HRC
900HV (Surface)

⑥ (M) SWP-A

⑧ (M) S45C

⑨ (M) Urethane (A90)

⑩ (M) NBR

ORDER
EXAMPLE

Model No-ST-H
25SD-PAP-Z-S20-100-120

Model	No.	ST	H 1mm increments	Spring Constant N/mm (kgf/mm)	Initial Load	Max Load	S		L
					N (kgf)		Steel	Urethane	
25SD-PAP-Z-S (Steel Tip)	20	50	0 - 130	0.88 (0.090)	0	44.1 (4.5)	90	100	150
		100	0 - 190	0.49 (0.050)		49.0 (5.0)	140	150	210
25SD-PAP-Z-U (Urethane Tip)		150	0 - 265	0.32 (0.033)		49.0 (5.0)	190	200	285
25SD-PAP-Z-P (Pad Tip)		200	0 - 335	0.28 (0.029)		55.9 (5.7)	240	250	355
		250	0 - 395	0.24 (0.024)		54.9 (5.6)	290	300	415

ชิ้นส่วนหาตำแหน่ง

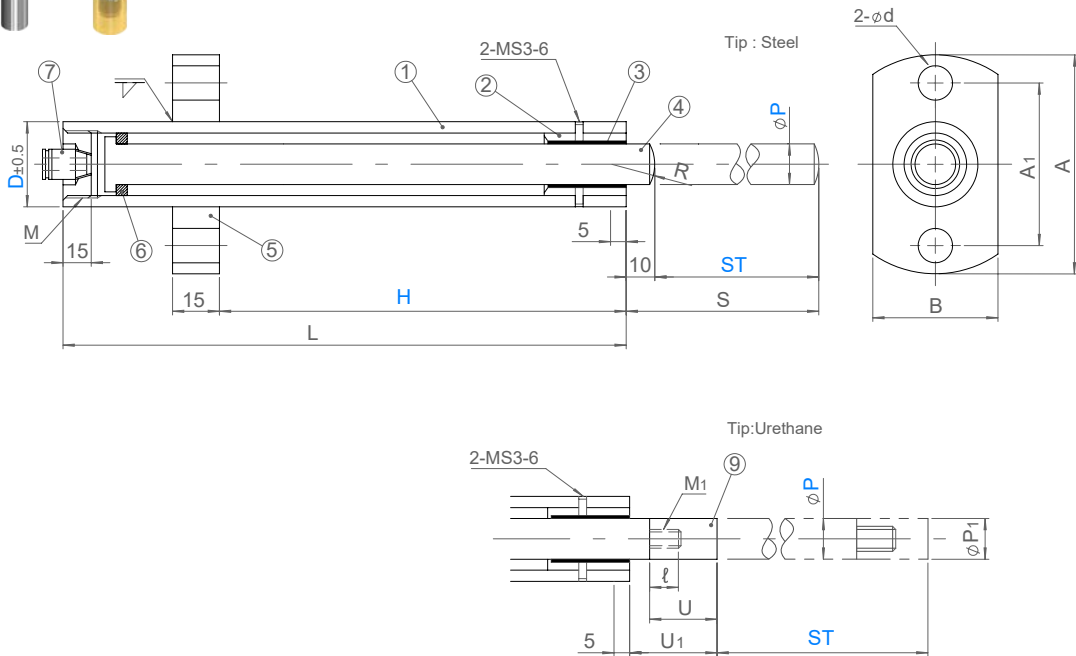
Pre-Holding Push Pin Sets (Air Hole) - ชุดพรีโฮลด์ดึงพุดิน



ปลายเหล็กเหนียว Model: 25SD-PAEA-S

ปลายยูรีเทน Model: 25SD-PAEA-U

Die Locating



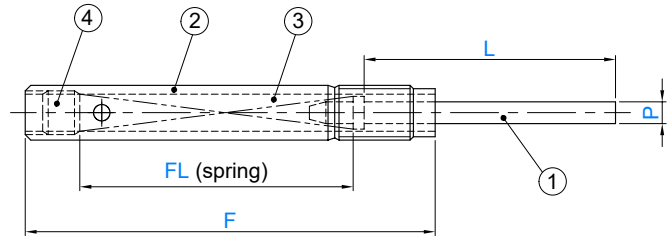
- ①②⑤ (M) SS400
③ Oil Free™ Bush
④ (M) SKD61+Nitrile Coating
900HV (Surface)
⑥⑨ (M) Urethane (A90)
⑦ Air Quick Fitting Joint

ORDER EXAMPLE Model P-ST-H
25SD-PAEA-S13-100-100

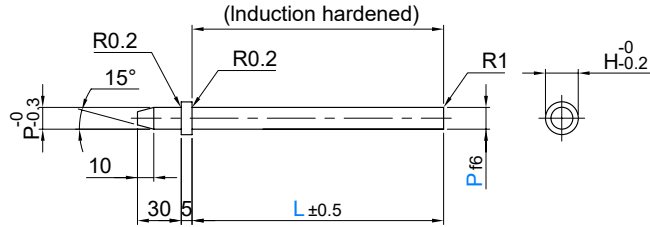
P	ST	H 1mm increments	Case			Pushing Pins						Mounting Flange				Pressing Load N (kgf)			S		L
			D	M	G	R	U	U1	I	M1	P1	A	A1	B	d	0.3MPa	0.4MPa	0.5MPa	Steel	Urethane	
13	50	0 - 80																	60	70	100
	100	0 - 130	27.2	22	22	20	15	20	9	M6	13.5	70	52	40	11	41.2 (4.2)	54.9 (5.6)	66.7 (6.8)	110	120	150
	150	0 - 180																	160	170	200
16	50	0 - 85																	60	75	105
	100	0 - 135																	110	125	155
	150	0 - 185	34	26	27	25	20	25	12	M8	16.5	80	60	50	11	63.7 (6.5)	83.4 (8.5)	103 (10.5)	160	175	205
	200	0 - 235																	210	225	235



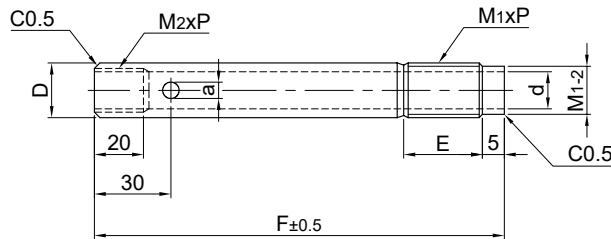
Model: 25S-PSPH
(①②③④)



Model: 25S-PSH
(①)



② (Spring case)



- ① S45C
50HRC -
(Induction Hardened)
- ② Steel Tube

ORDER
EXAMPLE Model P - L - F - FL
25S-PSPH10-100-150-100

Model	P f6		L	F	FL	H	Spring Case					
							D	M1xP	E	M2xP	a	d
25S-PSPH 25S-PSH	8	-0.013 -0.022	100 150 200	150 200 250 300	100	13	21.7	22x1.5	35	16x1.5	7	14.3
	125				16	27.2	27x1.5	40	22x1.5	10	19.4	
	10	-0.016 -0.027			150	20	32	30x1.5	45	24x1.5	10	22
	175				23	34	33x1.5	50	28x1.5	12	26.2	

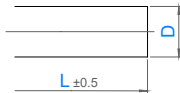
ชิ้นส่วนหาตำแหน่ง

Push Out Pins - พุชเอาท์พิน

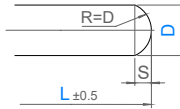
FOIL FREE™



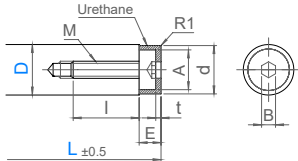
N (ทรงปกติ / Normal Shape)



R (ทรงมน / Round Shape)



U (ปลายยูรีเทน/ Urethane Tip)

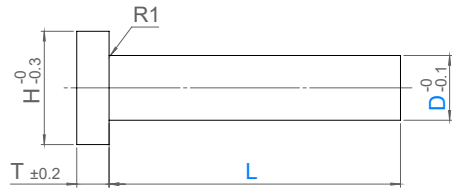


ปลายเหล็กเหนียว
Steel Tip

Model: 25POP

ปลายชุบแข็ง
Induction Hardened Tip

Model: 25HPOP



D	M	ℓ	t	d	A	B	E
8	3	5	3	7.5	5.5	2.5	6
10	4	6	3	9.5	7	3	7
13	5	7	4	12.5	8.5	4	9
16	6	8	4	15	10	5	10
20	8	10	5	19	13	6	13
25	10	12	5	24	16	8	15

ORDER
EXAMPLE

Model Tip- D - L
25HPOP20-100

25POP : S45C 20 - 25HRC
25HPOP : S45C 50HRC ~

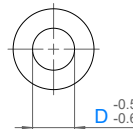
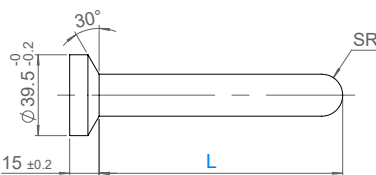
Model	Tip Shape	D	L 10mm increments	H	T
25POP 25HPOP (Induction Hardened)	N R U	8	30 - 120	18	8
		10	40 - 150	25	
		13	50 - 180	28	
		16	50 - 180	30	10
		20	50 - 200	35	
		25	50 - 200	40	

Drawing Jector Pins - พุชเอาท์พินสำหรับงานขึ้นรูป

FOIL FREE™



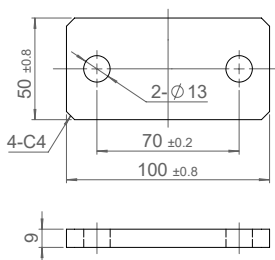
Model: 25DHPA



S45C
55HRC ~
(Induction Hardened)

SS400

Model:
25DHPF100



ORDER
EXAMPLE

Model D - L
25DHPA20-170

Model	D	L
25DHPA	20	120
		170
		220
	26	200

Order Code

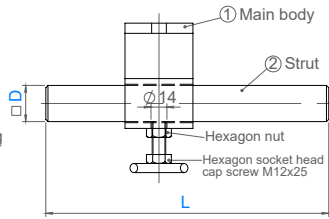
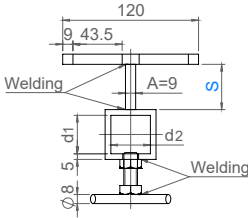
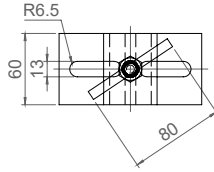
25DHPF100

Skid Brackets - ตัวยึดกันเลื่อน

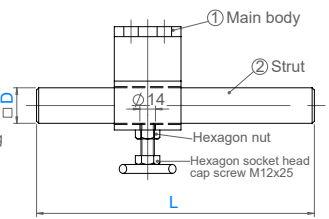
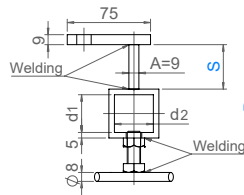
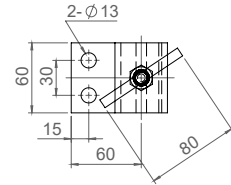
Oil Free™



Model:
25STB (①+②)
25STB-N (①)



Model:
25STBY (①+②)
25STBY-N (①)



ORDER
EXAMPLE

Model D - L - S
25STB20-100-100

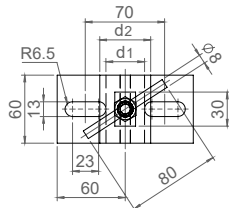
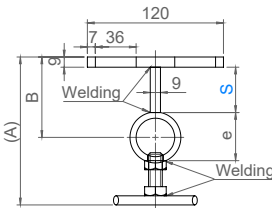
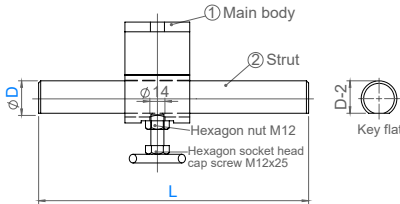


SS400
Blacken (Fe304)

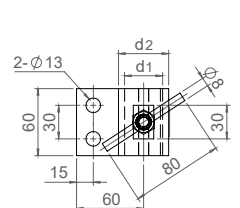
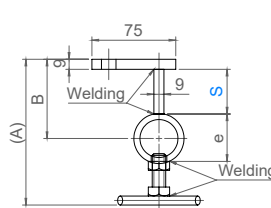
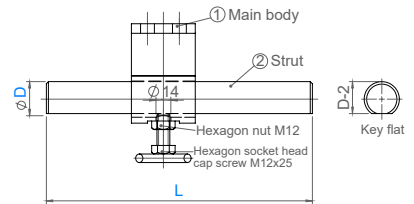
Model	D	10mm increments		d1	d2
		L	S		
25STB 25STB-N 25STBY 25STBY-N	20	100 - 300	0 - 150	33	33
	32			45	44



Model:
25MRTB (①+②)
25MRTB-N (①)



Model:
25MRTBY (①+②)
25MRTBY-N (①)



ORDER
EXAMPLE

Model D - L - S
25MRTB20-100-100



SS400
Blacken (Fe304)

Model	D	10mm increments		e	d1	d2
		L	S			
25MRTB 25MRTB-N 25MRTBY 25MRTBY-N	20	100 - 300	0 - 150	26	21	30
	30			37.5	32	40