


Feed Pins

Solid

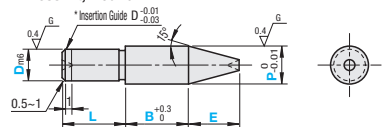
■ Features: Length of tapered part can be configurable depending on the applications or environment.

Press Fit

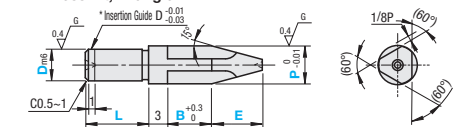


Material	Surface Treatment	Hardness	Press Fit	
			Round	Triangle
SKS3 Equivalent	-	Treated Hardness: 60 ~ 63HRC	FESM	FESMT
SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50 ~ 55HRC / Plating Hardness: 750HV ~	GFESM	-
SUS304	-	-	SFESM	-
SUS304	Hard Chrome Plating	Plating Hardness: 750HV ~	HFESM	HFESMT
SUS440C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	CFESM	-

• Press Fit, Round



• Press Fit, Triangle




⚠ P-2Etan15°≥0.73 (Tip Dia. 0.73 or more. Reference: tan15°≈0.267)
⚠ SUS304 may not be polished and may have no centering hole.

* No Insertion Guide for D2 Press Fit.

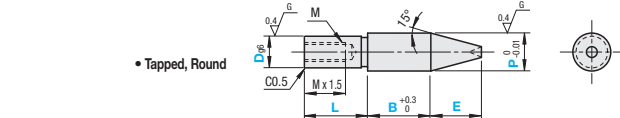
Part Number	Type	D	P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	E 0.1mm Increment	Unit Price					
							SKS3	SKS3 Hard Chrome Plating	SUS304	SUS304 Hard Chrome Plating	SUS440C or 13Cr stainless	SKS3
(Round) FESM GFESM SFESM HFESM CFESM	(Triangle) FESMT HFESMT	2	2.50-5.00	2-6	2.0-10.0	0.5-10.0						
		3	3.50-5.00	3-6	2.0-10.0							
		4	4.50-7.00	4-8	2.0-10.0							
		5	5.50-8.00	5-10	2.0-10.0							
		6	6.50-10.00	6-12	2.0-12.0							
		8	9.00-13.00	8-16	2.0-15.0							
10	10.00-13.00	10-20	2.0-20.0									

Tapped



Material	Surface Treatment	Hardness	Tapped Round	
			FESG	GFESG
SKS3 Equivalent	-	Treated Hardness: 60 ~ 63HRC	FESG	-
SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50 ~ 55HRC / Plating Hardness: 750HV ~	GFESG	-
SUS304	-	-	SFESG	-
SUS440C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	CFESG	-

• Tapped, Round




⚠ P-2Etan15°≥0.73 (Tip Dia. 0.73 or more. Reference: tan15°≈0.267)
⚠ SUS304 may not be polished and may have no centering hole.

Part Number	Type	D	P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	E 0.1mm Increment	M (Coarse)	*Tightening Torque N·cm	Unit Price			
									SKS3	SKS3 Hard Chrome Plating	SUS304	SUS440C or 13Cr stainless
(Round) FESG GFESG SFESG CFESG		6	6.50-10.00	6-12	2.0-12.0	0.5-10.0	M3	98				
		8	9.00-13.00	8-16	2.0-15.0		M4	225				
		10	10.00-13.00	10-20	3.0-20.0		M5	461				

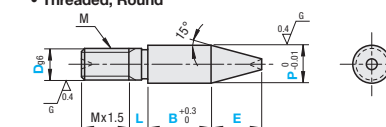
⚠ Note the strength of under-head part. ⚠ P.1566 ⚠ Please confirm pilot hole depth on ⚠ P.1566. Holes may go through.
⚠ The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on ⚠ P.2297.) Not applicable when using locking materials or lock washers.

Threaded

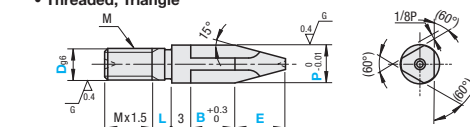


Material	Surface Treatment	Hardness	Threaded Round		Threaded Triangle	
			FEPST	FEPST	GFEPST	SFEPST
SKS3 Equivalent	-	Treated Hardness: 60 ~ 63HRC	FEPST	FEPST	-	-
SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50 ~ 55HRC / Plating Hardness: 750HV ~	GFEPST	-	-	-
SUS304	-	-	SFEPST	SFEPST	-	-
SUS304	Hard Chrome Plating	Plating Hardness: 750HV ~	HFEPST	-	-	-
SUS440C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	CFEPST	CFEPST	-	-

• Threaded, Round



• Threaded, Triangle



⚠ P-2Etan15°≥0.73 (Tip Dia. 0.73 or more. Reference: tan15°≈0.267)
⚠ When 0<L<Pitch x 2, the incomplete threaded portion is included in M x 1.5.
⚠ SUS304 may not be polished and may have no centering hole.

Part Number	Type	D	P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	E 0.1mm Increment	M (Coarse)	*Tightening Torque N·cm	Unit Price					
									SKS3	SKS3 Hard Chrome Plating	SUS304	SUS304 Hard Chrome Plating	SUS440C or 13Cr stainless	SKS3
(Round) FEPST GFEPST SFEPST HFEPST CFEPST	(Triangle) FEPST HFEPST	3	3.50-6.00	0-12	2.0-10.0	0.5-10.0	M3	98						
		4	4.50-7.00		2.0-10.0		M4	225						
		5	5.50-8.00		2.0-10.0		M5	461						
		6	6.50-10.00		2.0-12.0		M6	784						
		8	9.00-13.00		2.0-15.0		M8	1911						
		10	10.00-13.00		2.0-20.0		M10	3783						

⚠ The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on ⚠ P.2297.) Not applicable when using locking materials or lock washers.
⚠ For full thread, specify a L dimension of 0 and NNC alteration.

Ordering Example	Part Number	P	L	B	E
FESM4	- P5.00 - L6 - B5.0 - E3.0				
GFESG8	- P9.50 - L10 - B10.0 - E5.5				
FEPST3	- P3.50 - L3 - B6.0 - E2.0				

⚠ Alterations are applicable to Threaded only.

Alterations	Screwdriver Slot	Relief
Code	DRC	NNC
Spec.	Width 0.8mm Depth 1mm Ordering Code DRC	Adds a relief at the thread end. Ordering Code NNC ⚠ Applicable when L=0.


Alterations Part Number - P - L - B - E - (DRC, NNC)
FEPST3 - P3.50 - L3 - B6.0 - E2 - DRC

Feed Pins

Shouldered

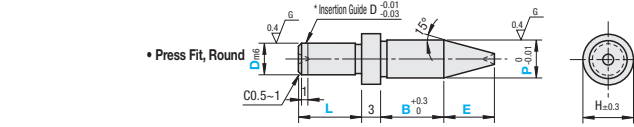
■ Features: Locating Pins with the longer tapered area. The Shoulder supports the workpiece so that it will not damage the base.

Press Fit



Material	Surface Treatment	Hardness	Press Fit Round	
			FPEM	GFPEM
SKS3 Equivalent	-	Treated Hardness: 60 ~ 63HRC	FPEM	-
SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50 ~ 55HRC / Plating Hardness: 750HV ~	GFPEM	-
SUS304	-	-	SFPEM	-
SUS304	Hard Chrome Plating	Plating Hardness: 750HV ~	HFPEM	HFPEMT
SUS440C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	CFPEM	-

• Press Fit, Round




⚠ P-2Etan15°≥0.73 (Tip Dia. 0.73 or more. Reference: tan15°≈0.267)
⚠ SUS304 may not be polished and may have no centering hole.

* No Insertion Guide for D2 Press Fit.

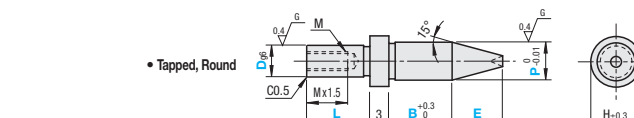
Part Number	Type	D	P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	E 0.1mm Increment	H	Unit Price				
								SKS3	SKS3 Hard Chrome Plating	SUS304	SUS304 Hard Chrome Plating	SUS440C or 13Cr stainless
(Round) FPEM GFPEM SFPEM HFPEM CFPEM		2	2.00-3.00	2-6	2.0-10.0	0.5-10.0	5					
		3	2.00-5.00	3-6	2.0-10.0		6					
		4	2.00-5.00	4-8	2.0-10.0		7					
		5	3.00-7.00	5-10	2.0-10.0		8					
		6	4.00-7.00	6-12	2.0-12.0		11					
		8	5.00-9.00	8-16	2.0-15.0		13					
10	6.00-11.00	10-20	2.0-20.0									

Tapped



Material	Surface Treatment	Hardness	Tapped Round	
			FPEPG	GFPEPG
SKS3 Equivalent	-	Treated Hardness: 60 ~ 63HRC	FPEPG	-
SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50 ~ 55HRC / Plating Hardness: 750HV ~	GFPEPG	-
SUS304	-	-	SFPEPG	-
SUS304	Hard Chrome Plating	Plating Hardness: 750HV ~	HFPEPG	-

• Tapped, Round




⚠ P-2Etan15°≥0.73 (Tip Dia. 0.73 or more. Reference: tan15°≈0.267)
⚠ SUS304 may not be polished and may have no centering hole.

Part Number	Type	D	P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	E 0.1mm Increment	H	M (Coarse)	*Tightening Torque N·cm	Unit Price			
										SKS3	SKS3 Hard Chrome Plating	SUS304	SUS304 Hard Chrome Plating
(Round) FPEPG GFPEPG SFPEPG HFPEPG		6	4.00-7.00	6-12	2.0-12.0	0.5-10.0	8	M3	98				
		8	5.00-9.00	8-16	2.0-15.0		11	M4	225				
		10	6.00-11.00	10-20	3.0-20.0		13	M5	461				

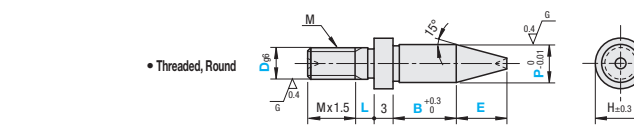
⚠ Note the strength of under-head part. ⚠ P.1566 ⚠ Please confirm pilot hole depth on ⚠ P.1566. Holes may go through.
⚠ The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on ⚠ P.2297.) Not applicable when using locking materials or lock washers.

Threaded



Material	Surface Treatment	Hardness	Threaded Round	
			FPEPN	GFPEPN
SKS3 Equivalent	-	Treated Hardness: 60 ~ 63HRC	FPEPN	-
SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50 ~ 55HRC / Plating Hardness: 750HV ~	GFPEPN	-
SUS304	-	-	SFPEPN	-
SUS304	Hard Chrome Plating	Plating Hardness: 750HV ~	HFPEPN	-
SUS440C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	CFPEPN	-

• Threaded, Round



⚠ P-2Etan15°≥0.73 (Tip Dia. 0.73 or more. Reference: tan15°≈0.267)
⚠ When 0<L<Pitch x 2, the incomplete threaded portion is included in M x 1.5.
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Part Number	Type	D	P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	E 0.1mm Increment	H	M (Coarse)	*Tightening Torque N·cm	Unit Price					
										SKS3	SKS3 Hard Chrome Plating	SUS304	SUS304 Hard Chrome Plating	SUS440C or 13Cr stainless	SKS3
(Round) FPEPN GFPEPN SFPEPN HFPEPN CFPEPN		3	2.00-5.00	0-12	2.0-10.0	0.5-10.0	6	M3	98						
		4	2.00-5.00		2.0-10.0		M4	225							
		5	3.00-7.00		2.0-10.0		M5	461							
		6	4.00-7.00		2.0-12.0		M6	784							
		8	5.00-9.00		2.0-15.0		M8	1911							
		10	6.00-11.00		2.0-20.0		M10	3783							

⚠ The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on ⚠ P.2297.) Not applicable when using locking materials or lock washers.
⚠ For full thread, specify a L dimension of 0 and NNC alteration.

Ordering Example	Part Number	P	L	B	E
FPEM5	- P3.50 - L5 - B6.0 - E4.0				
SFPEM6	- P5.00 - L10 - B10.0 - E2.0				
FEPN3	- P2.01 - L6 - B6.0 - E2.0				

Alterations	Screwdriver Slot	Relief	Wrench Flats
Code	DRC	NNC	SC
Spec.	Width 0.8mm Depth 1mm Ordering Code DRC ⚠ Applicable to Threaded only.	Adds a relief at the thread end. Ordering Code NNC ⚠ Applicable when L=0. ⚠ Applicable to Threaded only.	SC=1mm Increment SC>D SC<P Ordering Code SC10 ⚠ Applicable to Threaded only.

Alterations Part Number - P - L - B - E - (DRC, NNC, SC)
FEPN3 - P2.01 - L6 - B6.0 - E2 - DRC