



Locating Pins Small Head

-Configurable Taper Angle / D and P Tolerance Selectable-



CAD Data

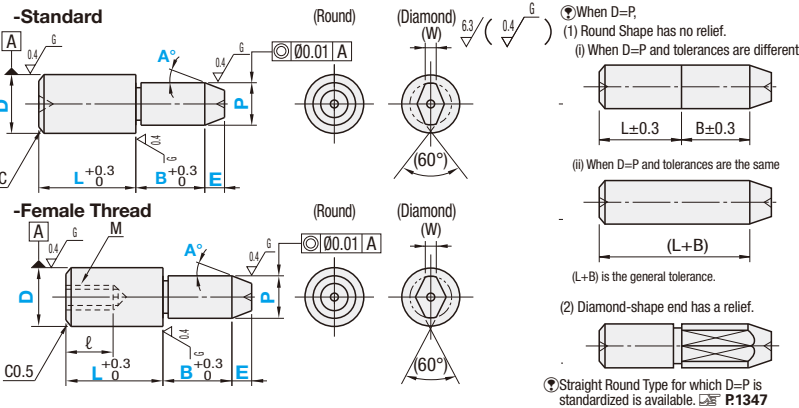
⊙D=5 is now available for Female Thread Type.

Materials No.	Material	Surface Treatment	Hardness	Standard		Female Thread	
				Type	Shape Code	Type	Shape Code
(1)	1.2510/100MnCrW4	-	Treated Hardness 60 ~ 63HRC	KFS	A(Round)	KFST	A(Round)
(2)	1.2510/100MnCrW4	Hard Chrome Plating Plating Thickness 3µm or More	Treated Hardness 60 ~ 63HRC Plating Hardness 750HV ~	GKFS	A(Round)	GKFST	A(Round)
(4)	EN 1.4301 Equivalent	-	-	SKFS	A(Round)	SKFST	A(Round)
(5)	1.4301/X5CrNi18-10	Hard Chrome Plating Plating Thickness 3µm or More	Plating Hardness 750HV ~	HKFS	D(Diamond)	HKFST	D(Diamond)
(6)	1.4125/X105CrMo17	-	Treated Hardness 50 ~ 55HRC	CKFS	D(Diamond)	CKFST	D(Diamond)

⊙ Refer to the price list to select the available combination.

D or P	Standard Grade					Precision Grade	
	M	P	G	H	S	A	B
1.00	+0.008	+0.012	-0.002	0	-	-	-
3.00	+0.002	+0.006	-0.008	-0.010	-	-	-
3.01	+0.012	+0.020	-0.004	0	-	-	-
6.00	+0.004	+0.012	-0.012	-0.012	-	-	-
6.01	+0.015	+0.024	-0.005	0	+0.005	0	-0.005
10.00	+0.006	+0.015	-0.014	-0.015	-	-	-
10.01	+0.018	+0.029	-0.006	0	-	-	-
18.00	+0.007	+0.018	-0.017	-0.018	-	-	-
18.01	+0.021	+0.035	-0.007	0	-	-	-
20.00	+0.008	+0.022	-0.020	-0.021	-	-	-

⊙ The unit price of Precision Type is the price of Standard Type multiplying 1.1. (Round down to ten Cent.)
 ⊙ Hard chrome plating is not available for Precision Grade tolerance.
 ⊙ 1.4125/X105CrMo17 has an identification groove on D part.
 ⊙ P-2tanA=0.73 (Tip dia. 0.73 or more)
 Reference: tan15°=0.267 tan30°=0.577 tan45°=1



Type	Shape	Part Number	D	P	L	B	E	A	C	(W)	€ Unit Price Round Shape						€ Unit Price Diamond Shape																			
											(1)	(2)	(4)	(5)	(6)	(1)	(2)	(4)	(5)	(6)																
KFS GKFS SKFS HKFS CKFS	A (Round)	M P G H A B	S M P G H A B	2	1.00-2.00	2-4	2.0-10.0	0.5	15	0.3	-	1.00	2.00	4.00	6.00	10.00	13.80	18.20	19.00	-	-	21.20														
					3	1.00(2.00-3.00)	3-6					2.0-10.0	0.5	1.0	9.20	12.40	13.20	16.00	14.80	13.80	18.20	19.00	-	-	21.20											
					4	2.00-4.00	4-8					2.0-10.0	1.0	1.0	10.10	13.60	14.40	17.30	16.20	13.30	17.90	18.60	-	-	20.90											
					5	2.00-5.00	5-10					2.0-10.0	1.2	1.1	11.00	14.80	15.60	18.70	17.60	14.20	19.10	20.20	-	-	22.80											
					6	2.00-6.00	6-12					2.0-12.0	1.5	1.5	11.50	15.50	16.40	19.80	18.40	15.00	20.20	21.50	-	-	24.00											
					8	3.00-8.00	8-16					2.0-15.0	1.5	1.8	12.20	16.40	17.30	20.70	19.20	15.90	21.40	22.40	-	-	25.10											
					10	3.00-10.00	10-20					3.0-20.0	2.2	2.2	12.60	17.00	18.10	21.80	20.30	16.40	22.10	23.70	-	-	26.10											
					12	5.00-12.00	12-24					3.0-20.0	2.5	2.5	13.30	17.90	18.90	22.70	20.30	17.40	23.40	24.70	-	-	26.50											
					13	6.00-13.00	13-26					5.0-20.0	3	3	13.90	18.70	19.80	23.80	22.00	17.90	24.10	25.70	-	-	26.60											
					16	10.00-16.00	16-32					5.0-20.0	4	4	18.40	24.80	26.40	31.70	29.50	24.00	32.40	34.30	-	-	38.50											
	20	13.00-20.00	20-40	5.0-20.0	5	5	23.40	31.50	33.40	40.10	37.30	30.30	40.90	43.60	-	-	48.50																			
	D (Diamond)	M P G H A B	S M P G H A B	2	1.00-2.00	2-4	2.0-10.0	0.5	15	0.3	-	-	-	-	-	-	-	-	-	-	-	-														
					3	1.00(2.00-3.00)	3-6																2.0-10.0	0.5	1.0	9.20	12.40	13.20	16.00	14.80	13.80	18.20	19.00	-	-	21.20
					4	2.00-4.00	4-8																2.0-10.0	1.0	1.0	10.10	13.60	14.40	17.30	16.20	13.30	17.90	18.60	-	-	20.90
					5	2.00-5.00	5-10																2.0-10.0	1.2	1.1	11.00	14.80	15.60	18.70	17.60	14.20	19.10	20.20	-	-	22.80
					6	2.00-6.00	6-12																2.0-12.0	1.5	1.5	11.50	15.50	16.40	19.80	18.40	15.00	20.20	21.50	-	-	24.00
					8	3.00-8.00	8-16																2.0-15.0	1.5	1.8	12.20	16.40	17.30	20.70	19.20	15.90	21.40	22.40	-	-	25.10
					10	3.00-10.00	10-20																3.0-20.0	2.2	2.2	12.60	17.00	18.10	21.80	20.30	16.40	22.10	23.70	-	-	26.10
					12	5.00-12.00	12-24																3.0-20.0	2.5	2.5	13.30	17.90	18.90	22.70	20.30	17.40	23.40	24.70	-	-	26.50
					13	6.00-13.00	13-26																5.0-20.0	3	3	13.90	18.70	19.80	23.80	22.00	17.90	24.10	25.70	-	-	26.60
16					10.00-16.00	16-32	5.0-20.0																4	4	18.40	24.80	26.40	31.70	29.50	24.00	32.40	34.30	-	-	38.50	
20	13.00-20.00	20-40	5.0-20.0	5	5	23.40	31.50	33.40	40.10	37.30	30.30	40.90	43.60	-	-	48.50																				

⊙ Hard chrome plated is not available for Precision Grade * (Precision Grade A and B). ⊙ P dimension in () is for the Diamond Type.

Type	Shape	Part Number	D	P	L	B	E	A	(W)	M	ℓ	€ Unit Price Round Shape						€ Unit Price Diamond Shape										
												(1)	(2)	(4)	(5)	(6)	(1)	(2)	(4)	(5)	(6)							
KFST GKFST SKFST HKFST CKFST	A (Round)	M P G H A B	S M P G H A B	5	3.00-5.00	8-10	2.0-10.0	0.5	15	1.2	M2	3	13.90	18.70	18.70	22.40	20.60	17.50	23.60	-	-	-						
					6	4.00-6.00	8(9)-12						2.0-12.0	1.5	M3	5	14.10	19.00	19.00	22.80	21.00	17.60	23.70	24.00	-	-	-	
					6T	4.00-6.00	8(9)-12						2.0-12.0	1.5	M2.6	4	14.10	19.00	19.00	22.80	21.00	17.60	23.70	24.00	-	-	-	
					8	6.00-8.00	11(12)-16						2.0-15.0	1.8	M5	8	14.70	19.80	19.90	23.80	21.80	18.40	24.80	25.00	-	-	-	
					8T	6.00-8.00	11(12)-16						2.0-15.0	1.8	M4	6	14.70	19.80	19.90	23.80	21.80	18.40	24.80	25.00	-	-	-	
					10	7.00-10.00	11(12)-20						3.0-20.0	2.2	M5	8	15.20	20.50	20.70	24.90	22.90	19.00	25.60	26.20	-	-	-	
					12	7.00-12.00	12-24						3.0-20.0	2.5	M3	10	15.90	21.40	21.50	25.70	22.90	20.00	27.00	27.30	-	-	-	
					13	8.00-13.00	13(14)-26						5.0-20.0	3	M3	10	16.40	22.10	22.30	26.80	24.60	20.40	27.50	28.30	-	-	-	
	16	10.00-16.00	16-32	5.0-20.0	4	M8	12	21.00	28.30	29.00	34.80	32.00	26.60	35.90	36.90	-	-	-										
	20	13.00-20.00	20-40	5.0-20.0	5	M8	12	25.90	34.90	36.00	43.20	39.90	32.90	44.40	46.20	-	-	-										
	D (Diamond)	M P G H A B	S M P G H A B	2	3.00-5.00	8-10	2.0-10.0	0.5	15	1.2	M2	3	3	13.90	18.70	18.70	22.40	20.60	17.50	23.60	-	-	-					
					6	4.00-6.00	8(9)-12							2.0-12.0	1.5	M3	5	14.10	19.00	19.00	22.80	21.00	17.60	23.70	24.00	-	-	-
					6T	4.00-6.00	8(9)-12							2.0-12.0	1.5	M2.6	4	14.10	19.00	19.00	22.80	21.00	17.60	23.70	24.00	-	-	-
					8	6.00-8.00	11(12)-16							2.0-15.0	1.8	M5	8	14.70	19.80	19.90	23.80	21.80	18.40	24.80	25.00	-	-	-
					8T	6.00-8.00	11(12)-16							2.0-15.0	1.8	M4	6	14.70	19.80	19.90	23.80	21.80	18.40	24.80	25.00	-	-	-
					10	7.00-10.00	11(12)-20							3.0-20.0	2.2	M5	8	15.20	20.50	20.70	24.90	22.90	19.00	25.60	26.20	-	-	-
12					7.00-12.00	12-24	3.0-20.0							2.5	M3	10	15.90	21.40	21.50	25.70	22.90	20.00	27.00	27.30	-	-	-	
13					8.00-13.00	13(14)-26	5.0-20.0							3	M3	10	16.40	22.10	22.30	26.80	24.60	20.40	27.50	28.30	-	-	-	
16	10.00-16.00	16-32	5.0-20.0	4	M8	12	21.00	28.30	29.00	34.80	32.00	26.60	35.90	36.90	-	-	-											
20	13.00-20.00	20-40	5.0-20.0	5	M8	12	25.90	34.90	36.00	43.20	39.90	32.90	44.40	46.20	-	-	-											

⊙ L dimension in () is for the Diamond Type. ⊙ Pins of D dimension with Ts have one size smaller thread diameter and larger wall thickness. (Actual D dimension is the number without "T").
 ⊙ Note the strength of under-head part. P1281 ⊙ Please confirm pilot hole depth on P1281. Holes may go through.

Order Example Part Number - P - L - B - E - A
 KFS A G S 10 - P8.00 - L10 - B8.0 - E3.0 - A30

Alterations Part Number - P - L - B - E - A - (GDC / RC / AC)
 KFSAGS10 - P10.0 - L10 - B8.0 - E3.0 - A30 - RC

10 Days

Price
 Precision Grade Price
 When A and B tolerance is selected, multiply 1.1 to the above unit price. (Round down to ten Cent.)
 Examples of Price Calculation
 KFSAGS10-P5.01-L15-B3.5-E5.0-A45
 12.60 (KFS A10) x 1.1 = 13.80 EUR

Volume Discount (Round down to one Cent.) P87
 Qty. 1-19 20-34 35-49 50-99
 Rate € Unit Price 5% 10% 18%

⊙ For orders larger than indicated quantity, please request a quotation.

Alterations	Insertion Guide Machining	Radius	Air Vent
Code	GDC	RC	AC
Spec.	Adds Insertion Guide. (Ordering Code) GDC 	Changes the relief to R0.5. (Ordering Code) RC 	Adds an air vent. (Ordering Code) AC
Price Adder	2.00	3.00	2.00

Locating Pins Large Head / Small Head

-Set Screw-



Materials No.	Material	Surface Treatment	Hardness	Type			Shape Code
				Circumference Groove	Notch	Set Screw Flat	
(1)	1.2510/100MnCrW4	-	Treated Hardness 60 ~ 63HRC	JPGT	JPCT	JPDT	S(Round)
(2)	1.2510/100MnCrW4	Hard Chrome Plating Plating Thickness 3µm or More	Treated Hardness 60 ~ 63HRC Plating Hardness 750HV ~	GJPGT	GJCT	GJ PDT	
(3)	EN 1.4301 Equivalent	-					