


Locating Pins - Small Head, Round Tapered

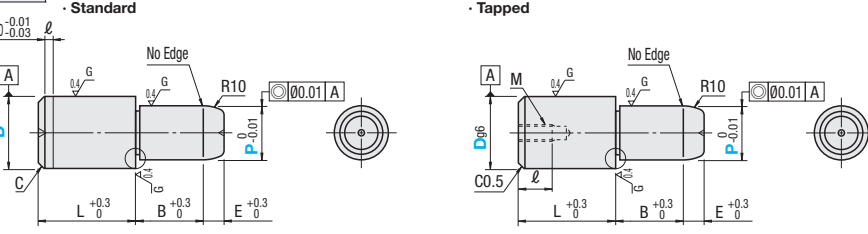
Locating Pins - Small Head, Round Tapered

D and P Tolerance, Taper R Selectable



(Buff Finished)

Material No.	Material	Surface Treatment	Hardness	Type	Shape Code
①	O1 Tool Steel	-	Treated Hardness: 60-63HRC	JPRS	B (Standard, m6) PB (Standard, p6) TB (Tapped)
②	O1 Tool Steel	Hard Chrome Plating Plating Thickness: 3µm or more	Hardness: 50-55HRC Plating Hardness: 750HV-	GJPRS	
③	304 Stainless Steel	-	-	SJPRS	
④	440C Stainless Steel	-	Treated Hardness: 50-55HRC	CJPRS	
⑤	O1 Tool Steel	Buffed Surface	Treated Hardness: 60-63HRC	MJPRS	
⑥	O1 Tool Steel	Hard Chrome Plating + Buffed Plating Thickness: 3µm or more	Treated Hardness: 60-63HRC Plating Hardness: 750HV-	MGJPRS	
⑦	440C Stainless Steel	Buffed Surface	Treated Hardness: 50-55HRC	MCJPRS	



Standard

Tapped

RoHS 10

Buffed at part only.

The boundary between B and E dimensions is indistinct.

* The insertion guide is applicable to tolerance m6 and p6 type only.

* 440C Stainless Steel has an identification groove on D part.

* Polished, centering hole is sometimes not available for 304 Stainless Steel.

Part Number		D Tolerance		Unit Price														
Type	Shape Code	D	Tolerance	P	L	B	C	ℓ	E	①	②	③	④	⑤	⑥	⑦		
JPRS GJPRS SJPRS CJPRS (Buff Finished) MJPRS MGJPRS MCJPRS Applicable when D≥5 and P≥5.	B (m6) PB (p6)	3	+0.008 +0.002	2 3	5	3	0.5			JPRSB JPRSBB	GJPRSB GJPRBB	SJPRSB SJPRBB	CJPRSB CJPRBB	MJPRSB MJPRBB	MGJPRSB MGJPRBB	MCJPRSB MCJPRBB		
		4		2 3 4														
		5	+0.012 +0.004	+0.020 +0.012	2 3 4 5													
		6			3 4 5 6													
		8	+0.015 +0.006	+0.024 +0.015	4 5 6 8													
		10			6 8 10													
		12			8 10 12													
		13	+0.018 +0.007	+0.029 +0.018	12 13													
		16			12 13 14 15 16													
		20	+0.021 +0.008	+0.035 +0.022	15 16 20													

Part Number		D Tolerance		Unit Price													
Type	Shape Code	D	Tolerance	P	L	B	E	ℓ	M (Coarse)	①	②	③	④	⑤	⑥	⑦	
JPRS GJPRS SJPRS CJPRS (Buff Finished) MJPRS MGJPRS MCJPRS Applicable when P≥5.	TB	6	-0.004 -0.012	4 5 6	10	5				M3	JPRSTB	GJPRSTB	SJPRSTB	CJPRSTB	MJPRSTB	MGJPRSTB	MCJPRSTB
		8		6 8						M2.6							
		8T	-0.005 -0.014	6 8						M4							
		10		8 10						M3							
		12		8 10 12						M5							
		13	-0.006 -0.017	12 13						M8							
		16		12 13 14 15 16													
		20	-0.007 -0.020	15 16 20													

* Pins of D dimension with T 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. **P.1309** Please confirm pilot hole depth on **P.1309**. Holes may go through.

* Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data (Ref. MISUMI 2011 catalog P.3549). *Not applicable when using locking adhesives or lock washers.

Ordering Example

Part Number: JPRS B 10 - 6

Type: JPRS Shape: B D: 10

MGJPRS B 12 - 8

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Alterations

Part Number: JPRS10 - P - RC

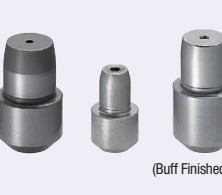
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Alterations

Code: RC

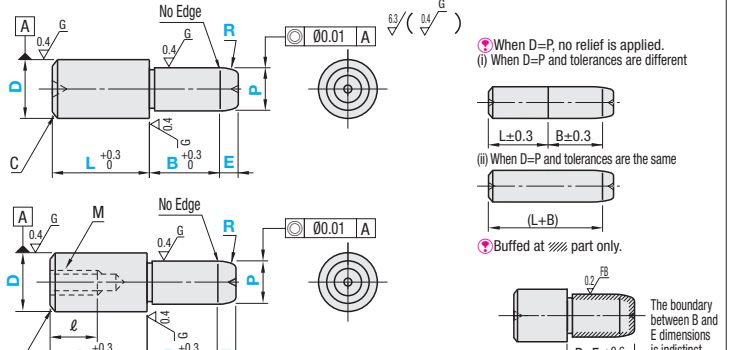
Spec. Changes the relief to R0.5. (Ordering Code) RC

Price Adder



(Buff Finished)

Material No.	Material	Surface Treatment	Hardness	Type	Shape Code
①	O1 Tool Steel	-	Treated Hardness: 60-63HRC	KFPS	A (Standard) T (Tapped)
②	O1 Tool Steel	Hard Chrome Plating Plating Thickness: 3µm or more	Hardness: 50-55HRC Plating Hardness: 750HV-	GKFPS	
③	304 Stainless Steel	-	-	SKFPS	
④	440C Stainless Steel	-	Treated Hardness: 50-55HRC	CKFPS	
⑤	O1 Tool Steel	Buffed Surface	Treated Hardness: 60-63HRC	MKFPS	
⑥	O1 Tool Steel	Hard Chrome Plating + Buffed Plating Thickness: 3µm or more	Treated Hardness: 60-63HRC Plating Hardness: 750HV-	MGKFPS	
⑦	440C Stainless Steel	Buffed Surface	Treated Hardness: 50-55HRC	MCKFPS	



Standard

Tapped

RoHS 10

Buffed at part only.

The boundary between B and E dimensions is indistinct.

* 440C Stainless Steel has an identification groove on D part.

Part Number		D Tolerance		Unit Price														
Type	Shape Code	D	Tolerance	P	L	B	E	R	C	①	②	③	④	⑤	⑥	⑦		
KFPS GKFPS SKFPS CKFPS (Buff Finished) MKFPS MGKFPS MCKFPS Applicable when D≥5 and P≥5.	A	3	2.00-3.00	3-8	2.0-10.0				5	0.5	KFPSA	GKFPSA	SKFPSA	CKFPSA	MKFPSA	MGKFPSA	MCKFPSA	
		4	2.00-4.00	4-12	2.0-10.0				10	1								
		5	2.00-5.00	5-12	2.0-10.0				15									
		6	2.00-6.00	5-12	3.0-12.0				20									
		8	3.00-8.00	8-15	3.0-14.0				25									
		10	3.00-10.00	8-15	3.0-16.0				30									
		12	5.00-12.00	10-18	3.0-18.0													
		13	6.00-13.00	12-20	3.0-20.0													
		16	10.00-16.00	14-25	3.0-20.0													
		20	13.00-20.00	18-32	3.0-20.0													

* Hard chrome plated and buffed products are not available for * marked Precision Grade Tolerance.

Part Number		D Tolerance		Unit Price													
Type	Shape Code	D	Tolerance	P	L	B	E	R	M (Coarse)	①	②	③	④	⑤	⑥	⑦	
KFPST GKFPST SKFPST CKFPST (Buff Finished) MKFPST MGKFPST MCKFPST Applicable when P≥5.	T	6	4.00-6.00	8-12	3.0-12.0				5	M3	KFPST	GKFPST	SKFPST	CKFPST	MKFPST	MGKFPST	MCKFPST
		8	6.00-8.00	11-16	3.0-14.0				10	M2.6							
		10	7.00-10.00	11-20	3.0-16.0				15	M5							
		12	7.00-12.00	8-16	3.0-18.0				20	M4							
		13	8.00-13.00	12-24	3.0-18.0				25	M5							
		16	10.00-16.00	16-32	3.0-20.0				30	M4							
		20	13.00-20.00	20-40	3.0-20.0												

* Pins of D dimension with T 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. **P.1309** Please confirm pilot hole depth on **P.1309**.

* Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data (Ref. MISUMI 2011 catalog P.3549). *Not applicable when using locking adhesives or lock washers.

Ordering Example

Part Number: MKFPS A M S 16 - P12.00 - L14 - B4.0 - E5.0 - R15

Type: MKFPS Shape: A D Tol: P12.00 D: 16 P: P L: L14 B: B4.0 E: E5.0 R: R15

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Alterations

Code: GDC

Spec. Adds the insertion guide. (Ordering Code) GDC

Price Adder

Details of E and R Dimension Range

P	E	R
0.01mm Increment	0.5mm Increment	
2.00-4.00	1.0-2.0	5 10
4.01-8.00	2.5-4.0	10 15
8.01-12.00	4.5-7.0	10 15 20
12.01-16.00	5.0-10.0	15 20 25
16.01-20.00	5.0-15.0	20 25 30

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