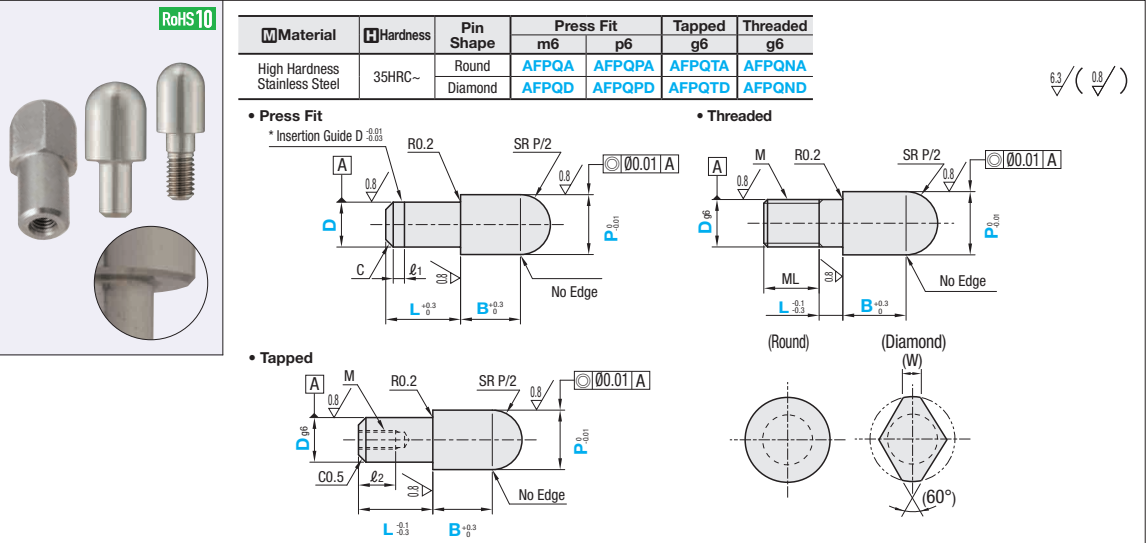


Locating Pins - High Hardness Stainless Steel Sphere Large Head

Press Fit / Tapped / Threaded

■ **Features:** Sphere Large Head with each dimension configurable. We reduced the price drastically compared to the conventional products.



Press Fit

Part Number		D Tol.		P	L	B	C	W	Unit Price	Unit Price
Type	D	m6	p6	0.01mm Increment	1mm Increment	0.1mm Increment			Round Shape	Diamond Shape
<Round> AFPQA (m6) AFPQPA (p6)	2	+0.008	+0.012	2.50~ 8.00	3(4)~16	1.0~15.0	0.5	0	AFPQA	AFPQPA
	3	+0.002	+0.006	3.50~ 8.00				1.2	AFPQD	AFPQPD
	4			4.50~ 8.00				1.5		
	5	+0.012	+0.020	5.50~ 8.00				1.8		
<Diamond> AFPQA (m6) AFPQPD (p6)	6	+0.004	+0.012	6.50~10.00				2.2		
	7							3		
	8	+0.015	+0.024	8.50~10.00				3.5		
	9	+0.006	+0.015							

⚠ L dimension in () is applicable to Diamond Shape. ⚠ Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data P.2297 (10.9). Not applicable when using locking materials or lock washers.

Tapped

Part Number		P	L	B	M	* Recommended Tightening Torque N·cm	W	Unit Price	Unit Price
Type	D	D dim. Tolerance g6	0.01mm Increment	1mm Increment	0.1mm Increment	(Coarse)		Round Shape	Diamond Shape
AFPQTA (Round) AFPQTD (Diamond)	6	-0.004 -0.012	6.50~10.00	6(9)~16	2.0~15.0	M3	147	5	3
	8	-0.005 -0.014	8.50~10.00	8(12)~16		M4	333	8	3.5

⚠ Please confirm pilot hole depth on P.1566. Holes may go through. ⚠ L dimension in () is applicable to Diamond Shape. ⚠ Note the strength of under-head part P.1566. ⚠ Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data P.2297 (10.9). Not applicable when using locking materials or lock washers.

Threaded

Part Number		P	L	B	M	* Recommended Tightening Torque N·cm	W	Unit Price	Unit Price
Type	D	D dim. Tolerance g6	0.01mm Increment	1mm Increment	0.1mm Increment	(Coarse)		Round Shape	Diamond Shape
AFPQTA (Round) AFPQND (Diamond)	3	-0.002 -0.008	3.50~8.00	3~10	1.0~15.0(10.0)	M3	147	4.5	1.5
	4		4.50~8.00			M4	333	6	1.8
	5	-0.004 -0.012	5.50~8.00			M5	676	7.5	2.2
	6		6.50~10.00			M6	1156	9	3
	8	-0.005 -0.014	8.50~10.00	4~10	1.0~15.0	M8	2803	12	3.5

⚠ PLB dimension in () is applicable to Diamond Shape. ⚠ When L=3, C=0.5, W=1. ⚠ Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data P.2297 (10.9). Not applicable when using locking materials or lock washers.

Ordering Example

Part Number: Type D - P - L - B

Press Fit: AFPQA 4 - P5.00 - L5 - B2.5

Tapped: AFPQTA 6 - P10.00 - L10 - B5.0

Threaded: AFPQNA 8 - P10.00 - L8 - B7.5

Alterations

Part Number: AFPQTA6 - P10.00 - L10 - B5 - LAC

Spec.:

Wrench Hole Machining

Code: LAC

Machines wrench holes. Ordering Code: LAC

Orientation between Diamond Shape Head and Wrench Hole is arbitrary.

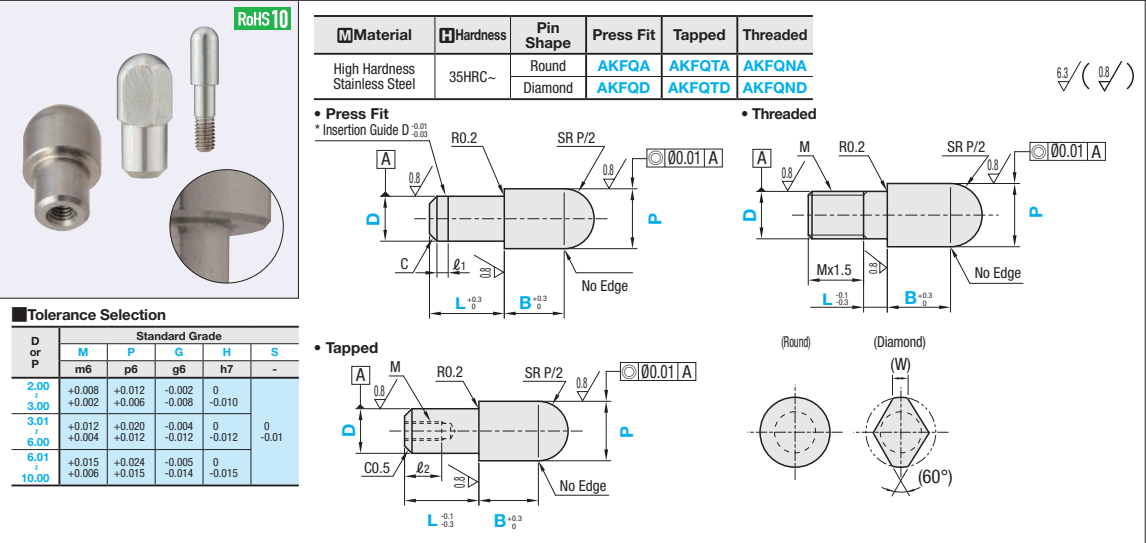
Wrench Hole Dimensions

D	Applicable Dimensions	Wrench Hole Dimensions
6	B	P Q
8	5.0~	6.50~10.00 2

Locating Pins - High Hardness Stainless Steel Sphere Large Head

D and P Selectable Tolerance

■ **Features:** Stainless Steel Sphere Large Head excellent in corrosion resistance and hardness. Selectable tolerance on both ends.



Press Fit

Part Number				P	L	B	C	(W)	ℓ1	Unit Price Round Shape	Unit Price Diamond Shape
Type	D Tol. Selection	P Tolerance Selection	D	0.01mm Increment	1mm Increment	0.1mm Increment				AKFQA	AKFQD
AKFQA (Round) AKFQD (Diamond)	M P G H	S M P G H	2	2.50~8.00	3(4)~16	1.0~15.0	0.5	1.2	0		
			3	3.50~8.00				1.5			
			4	4.50~8.00				1.8			
			1	5			5.50~8.00	2.2			
				6			6.50~10.00	3			
				8			8.50~10.00	3.5			

⚠ L dimension in () is applicable to Diamond Shape. ⚠ Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data P.2297 (10.9). Not applicable when using locking materials or lock washers.

Tapped

Part Number		P	L	B	W	M	* Recommended Tightening Torque N·cm	W	Unit Price	Unit Price
Type	D Tol. Selection	P Tolerance Selection	D	0.01mm Increment	1mm Increment	0.1mm Increment	(Coarse)		Round Shape	Diamond Shape
AKFQTA (Round) AKFQTD (Diamond)	M	P	6	6.50~10.00	6(9)~16	2.0~15.0	3	M3	147	5
	P	P	8	8.50~10.00	8(12)~16	2.0~15.0	3.5	M4	333	8
	G	P								

⚠ L dimension in () is applicable to Diamond Shape. ⚠ Note the strength of under-head part P.1566. ⚠ Please confirm pilot hole depth on P.1566. Holes may go through. ⚠ Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data P.2297 (10.9). Not applicable when using locking materials or lock washers.

Threaded

Part Number		P	L	B	W	M	* Recommended Tightening Torque N·cm	Unit Price	Unit Price
Type	D Tol. Selection	P Tolerance Selection	D	0.01mm Increment	1mm Increment	0.1mm Increment		Round Shape	Diamond Shape
AKFQNA (Round) AKFQND (Diamond)	M	P	3	3.50~8.00	3~10	1.0~15.0(10.0)	1.5	3	147
	P	P	4	4.50~8.00			1.8	4	333
	G	P	5	5.50~8.00			2.2	5	676
	H	P	6	6.50~10.00			3	6	1156
		P	8	8.50~10.00			3.5	8	2803
		P							

⚠ PLB dimension in () is applicable to Diamond Shape. ⚠ When L=3, C=0.5, W=1. ⚠ Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data P.2297 (10.9). Not applicable when using locking materials or lock washers.

Ordering Example

Part Number: Type D Tol. | P Tolerance D - P - L - B

AKFQA M S 6 - P8.00 - L8 - B6.0

Alterations

Code: AC

Spec.:

Adds an air vent. Ordering Code: AC

Not applicable to Threaded. It has a relief groove.