

Posi-Hex™ Ball Plungers

Stainless Steel

The enhanced design of our Posi-Hex™ ball plunger allows for easy installation, removal or change-outs using only a hex wrench. Designed to withstand maximum installation torque, Posi-Hex™ works great when using our thread locking element.

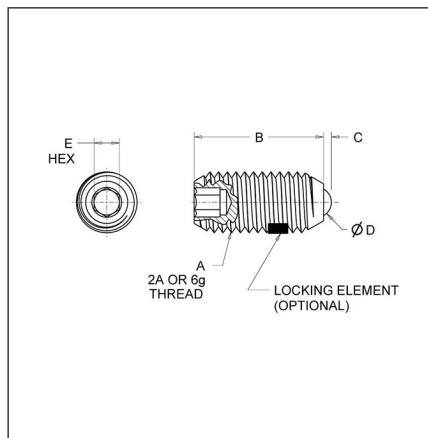
The stainless steel construction offers maximum protection against corrosion and is ideal for food, medical and special environments. With eight different sizes in both steel and stainless steel, Vlier has the right part for the job.

Typical Uses

























- Indexing
- Locating
- Detents
- Positioning
- Electrical contacts
- Adjustable set screw

Special Features

























- Easy installation with a hex wrench
- Will withstand high torque
- Controlled end forces
- Ideal for food, medical & special environments







































































Posi-Hex™ Ball Plungers - Stainless Steel

Part No.	Part No.	End Force, (Lbs.)		Thread	(in.)	(in.)	(in.)	(in.)	ROHS	CAD	CAD With Thread Lock
		Initial	Final								
SSPHB48A	SSPHB48AP 	0.5	1.0	6-40	0.350	0.023	0.078	0.05	<input checked="" type="checkbox"/>	SSPHB48A 	SSPHB48P 
SSPHB50	SSPHB50P 	0.5	1.25	8-32	0.445	0.025	0.094	0.063	<input checked="" type="checkbox"/>	SSPHB50 	SSPHB50P 
SSPHB52	SSPHB52P 	1.5	3.0	10-32	0.570	0.025	0.094	0.079	<input checked="" type="checkbox"/>	SSPHB52 	SSPHB52P 
SSPHB54	SSPHB54P 	3.0	7.0	1/4-20	0.675	0.035	0.125	0.079	<input checked="" type="checkbox"/>	SSPHB54 	SSPHB54P 
SSPHB56	SSPHB56P 	4.0	9.0	5/16-18	0.720	0.04	0.156	0.095	<input checked="" type="checkbox"/>	SSPHB56 	SSPHB56P 
SSPHB58	SSPHB58P 	5.0	10.0	3/8-16	0.800	0.048	0.188	0.156	<input checked="" type="checkbox"/>	SSPHB58 	SSPHB58P 
SSPHB60	SSPHB60P 	6.0	12.0	1/2-13	1.050	0.72	0.281	0.219	<input checked="" type="checkbox"/>	SSPHB60 	SSPHB60P 
SSPHB62	SSPHB62P 	9.0	18.0	5/8-11	1.250	0.096	0.375	0.253	<input checked="" type="checkbox"/>	SSPHB62 	SSPHB62P 





Posi-Hex™ Ball Plungers - Stainless Steel w/Nylon Ball

































































Part No.	Part No.	End Force, (Lbs.)		Thread	(in.)	(in.)	(in.)	(in.)	ROHS	CAD	CAD With Thread Lock
		Initial	Final								
DSSPHB48A	DSSPHB48P 	0.5	1.00	6-40	0.350	0.023	0.078	0.050	<input checked="" type="checkbox"/>	DSSPHB48A 	DSSPHB48P 
DSSPHB50	DSSPHB50P 	0.5	1.25	8-32	0.445	0.025	0.094	0.063	<input checked="" type="checkbox"/>	DSSPHB50 	DSSPHB50P 
DSSPHB52	DSSPHB52P 	1.5	3.00	10-32	0.570	0.025	0.094	0.079	<input checked="" type="checkbox"/>	DSSPHB52 	DSSPHB52P 
DSSPHB54	DSSPHB54P 	3.0	7.00	1/4-20	0.675	0.035	0.125	0.079	<input checked="" type="checkbox"/>	DSSPHB54 	DSSPHB54P 
DSSPHB56	DSSPHB56P 	4.0	9.00	5/16-18	0.720	0.040	0.156	0.095	<input checked="" type="checkbox"/>	DSSPHB56 	DSSPHB56P 
DSSPHB58	DSSPHB58P 	5.0	10.00	3/8-16	0.800	0.048	0.188	0.156	<input checked="" type="checkbox"/>	DSSPHB58 	DSSPHB58P 
DSSPHB60	DSSPHB60P 	6.0	12.00	1/2-13	1.050	0.720	0.281	0.219	<input checked="" type="checkbox"/>	DSSPHB60 	DSSPHB60P 
DSSPHB62	DSSPHB62P 	9.0	18.00	5/8-11	1.250	0.096	0.375	0.253	<input checked="" type="checkbox"/>	DSSPHB62 	DSSPHB62P 

Posi-Hex™ Ball Plungers - Stainless Steel

Part No.		End Force, N		Thread	(mm)	(mm)	(mm)	(mm)	ROHS	CAD	CAD With Thread Lock
	With Thread Lock	Initial	Final	A	B	C	ØD	HEX			
SSPHBM4 	SSPHBM4P 	4.0	10.0	M4 x 0.7	11.2	0.8	2.5	2.0	<input checked="" type="checkbox"/>	SSPHBM4 	SSPHBM4P 
SSPHBM5 	SSPHBM5P 	8.0	14.0	M5 x 0.8	14.4	0.9	3.0	2.5	<input checked="" type="checkbox"/>	SSPHBM5 	SSPHBM5P 
SSPHBHM5 	SSPHBHM5P 	15.0	22.0	M5 x 0.8	14.4	0.9	3.0	2.5	<input checked="" type="checkbox"/>	SSPHBHM5 	SSPHBHM5P 
SSPHBM6 	SSPHBM6P 	9.0	13.0	M6 X 1.0	17.0	1.0	3.5	2.5	<input checked="" type="checkbox"/>	SSPHBM6 	SSPHBM6P 
SSPHBHM6 	SSPHBHM6P 	28.0	40.0	M6 X 1.0	17.0	1.08	3.5	2.5	<input checked="" type="checkbox"/>	SSPHBHM6 	SSPHBHM6P 
SSPHBM8 	SSPHBM8P 	15.0	30.0	M8 x 1.25	18.2	1.5	5.0	2.5	<input checked="" type="checkbox"/>	SSPHBM8 	SSPHBM8P 
SSPHBLM8 	SSPHBLM8P 	5.0	10.0	M8 x 1.25	18.2	1.5	5.0	2.5	<input checked="" type="checkbox"/>	SSPHBLM8 	SSPHBLM8P 
SSPHBHM8 	SSPHBHM8P 	40.0	60.0	M8 x 1.25	18.2	1.5	5.0	2.5	<input checked="" type="checkbox"/>	SSPHBHM8 	SSPHBHM8P 
SSPHBM10 	SSPHBM10P 	20.0	35.0	M10 x 1.5	22.9	2.0	6.0	4.0	<input checked="" type="checkbox"/>	SSPHBM10 	SSPHBM10P 
SSPHBLM10 	SSPHBLM10P 	8.0	15.0	M10 x 1.5	22.9	2.0	6.0	4.0	<input checked="" type="checkbox"/>	SSPHBLM10 	SSPHBLM10P 
SSPHBHM10 	SSPHBHM10P 	60.0	90.0	M10 x 1.5	22.9	2.0	6.0	4.0	<input checked="" type="checkbox"/>	SSPHBHM10 	SSPHBHM10P 
SSPHBM12 	SSPHBM12P 	30.0	55.0	M12 x 1.75	26.6	2.5	8.0	6.0	<input checked="" type="checkbox"/>	SSPHBM12 	SSPHBM12P 
SSPHBLM12 	SSPHBLM12P 	10.0	20.0	M12 x 1.75	26.6	2.5	8.0	6.0	<input checked="" type="checkbox"/>	SSPHBLM12 	SSPHBLM12P 
SSPHBHM12 	SSPHBHM12P 	75.0	115.0	M12 x 1.75	26.6	2.5	8.0	6.0	<input checked="" type="checkbox"/>	SSPHBHM12 	SSPHBHM12P 
SSPHBM16 	SSPHBM16P 	41.0	86.0	M16 x 2.0	31.7	3.5	10.0	8.0	<input checked="" type="checkbox"/>	SSPHBM16 	SSPHBM16P 
SSPHBLM16 	SSPHBLM16P 	20.0	40.0	M16 x 2.0	31.7	3.5	10.0	8.0	<input checked="" type="checkbox"/>	SSPHBLM16 	SSPHBLM16P 
SSPHBHM16 	SSPHBHM16P 	68.0	142.0	M16 x 2.0	31.7	3.5	10.0	8.0	<input checked="" type="checkbox"/>	SSPHBHM16 	SSPHBHM16P 

Posi-Hex™ Ball Plungers - Stainless Steel w/Nylon Ball

Part No.		End Force, N		Thread	(mm)	(mm)	(mm)	(mm)	ROHS	CAD	CAD With Thread Lock
	With Thread Lock	Initial	Final	A	B	C	ØD	HEX			
PHBM4 	PHBM4P 	4.0	10.0	M4 x 0.7	11.2	0.8	2.5	2.0	<input checked="" type="checkbox"/>	PHBM4 	PHBM4P 

PHBM5 	PHBM5P 	8.0	14.0	M5 x 0.8	14.4	0.9	3.0	2.5	<input checked="" type="checkbox"/>	PHBM5 	PHBM5P 
PHBHM5 	PHBHM5P 	15.0	22.0	M5 x 0.8	14.4	0.9	3.0	2.5	<input checked="" type="checkbox"/>	PHBHM5 	PHBHM5P 
PHBM6 	PHBM6P 	9.0	13.0	M6 X 1.0	17.0	1.0	3.5	2.5	<input checked="" type="checkbox"/>	PHBM6 	PHBM6P 
PHBHM6 	PHBHM6P 	28.0	40.0	M6 X 1.0	17.0	1.08	3.5	2.5	<input checked="" type="checkbox"/>	PHBHM6 	PHBHM6P 
PHBM8 	PHBM8P 	15.0	30.0	M8 x 1.25	18.2	1.5	5.0	2.5	<input checked="" type="checkbox"/>	PHBM8 	PHBM8P 
PHBLM8 	PHBLM8P 	5.0	10.0	M8 x 1.25	18.2	1.5	5.0	2.5	<input checked="" type="checkbox"/>	PHBLM8 	PHBLM8P 
PHBHM8 	PHBHM8P 	40.0	60.0	M8 x 1.25	18.2	1.5	5.0	2.5	<input checked="" type="checkbox"/>	PHBHM8 	PHBHM8P 
PHBM10 	PHBM10P 	20.0	35.0	M10 x 1.5	22.9	2.0	6.0	4.0	<input checked="" type="checkbox"/>	PHBM10 	PHBM10P 
PHBLM10 	PHBLM10P 	8.0	15.0	M10 x 1.5	22.9	2.0	6.0	4.0	<input checked="" type="checkbox"/>	PHBLM10 	PHBLM10P 
PHBHM10 	PHBHM10P 	60.0	90.0	M10 x 1.5	22.9	2.0	6.0	4.0	<input checked="" type="checkbox"/>	PHBHM10 	PHBHM10P 
PHBM12 	PHBM12P 	30.0	55.0	M12 x 1.75	26.6	2.5	8.0	6.0	<input checked="" type="checkbox"/>	PHBM12 	PHBM12P 
PHBLM12 	PHBLM12P 	10.0	20.0	M12 x 1.75	26.6	2.5	8.0	6.0	<input checked="" type="checkbox"/>	PHBLM12 	PHBLM12P 
PHBHM12 	PHBHM12P 	75.0	115.0	M12 x 1.75	26.6	2.5	8.0	6.0	<input checked="" type="checkbox"/>	PHBHM12 	PHBHM12P 
PHBM16 	PHBM16P 	41.0	86.0	M16 x 2.0	31.7	3.5	10.0	8.0	<input checked="" type="checkbox"/>	PHBM16 	PHBM16P 
PHBLM16 	PHBLM16P 	20.0	40.0	M16 x 2.0	31.7	3.5	10.0	8.0	<input checked="" type="checkbox"/>	PHBLM16 	PHBLM16P 
PHBHM16 	PHBHM16P 	68.0	142.0	M16 x 2.0	31.7	3.5	10.0	8.0	<input checked="" type="checkbox"/>	PHBHM16 	PHBHM16P 

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