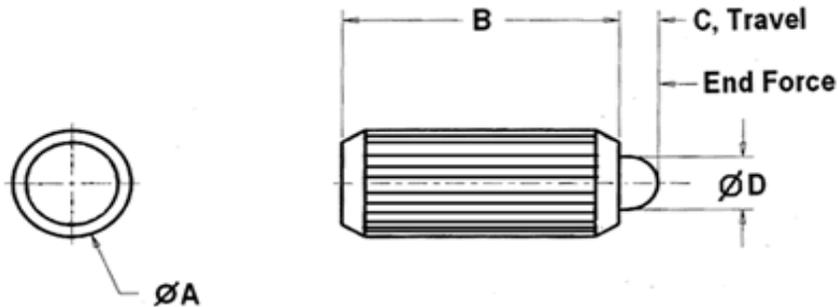


## PRESS-FIT BALL PLUNGERS - Shoulderless Knurled Steel & Stainless Steel

Vlier Press-Fit Knurled Steel plungers are designed for simple, easy installation into wood, soft plastic or aluminum. Ideal where a threaded plunger is impractical or when threaded adjustments are not required. Nylon ball resists marring.



Shoulderless Knurled Press-Fit Ball Plungers						
Part No.	End Force, Lbs.		Knurl O.D. A in.	Body Length B in.	Proj. C in.	Ball Dia. D in.
	Init.	Final				
<b>PFBK47</b>	0.4	1.3	0.153	0.29	0.035	0.094
<b>PFBK48</b>	0.75	2.5				
<b>PFBK51</b>	1	2.5	0.215	0.435	0.058	0.156
<b>PFBK52</b>	2	5				
<b>PFBK53</b>	1.5	3.5	0.259	0.52	0.07	0.188
<b>PFBK54</b>	3	7				
<b>PFBK55</b>	2	5	0.321	0.7	0.09	0.25
<b>PFPB56</b>	4	10				
<b>PFBK57</b>	2.5	7	0.384	0.865	0.11	0.313
<b>PFBK58</b>	5	14				
<b>PFBK59</b>	4	9	0.509	1.21	0.161	0.438
<b>PFBK60</b>	8	18				
<b>PFPK51</b>	0.75	2	0.215	0.5	0.094	0.121
<b>PFPK52</b>	1.5	4.5				
<b>PFPK53</b>	1.25	3	0.25	0.58	0.125	0.168
<b>PFPK54</b>	2.5	6				
<b>PFPK57</b>	2.5	7	0.384	0.9	0.187	0.234
<b>PFPK58</b>	5	14				
<b>PFPK59</b>	4	9	0.509	1.25	0.25	0.332
<b>PFPK60</b>	8	18				

### Shoulderless Knurled Press-Fit Ball Plungers

Part No.	End Force, Lbs.		Knurl O.D. A in.	Body Length B in.	Proj. C in.	Ball Dia. D in.
	Init.	Final				
<b>Stainless Steel</b>						
<b>SPFBK47</b>	0.4	1.3	0.153	0.29	0.035	0.094
<b>SPFBK48</b>	0.75	2.5				
<b>SPFBK51</b>	1	2.5	0.215	0.435	0.058	0.156
<b>SPFBK52</b>	2	5				
<b>SPFBK53</b>	1.5	3.5	0.259	0.52	0.07	0.188
<b>SPFBK54</b>	3	7				
<b>SPFBK55</b>	2	5	0.321	0.7	0.09	0.25
<b>SPFBK56</b>	4	10				
<b>SPFBK57</b>	2.5	7	0.384	0.865	0.11	0.313
<b>SPFBK58</b>	5	14				
<b>SPFBK59</b>	4	9	0.509	1.21	0.161	0.438
<b>SPFBK60</b>	8	18				
<b>SPFPK51</b>	0.75	2	0.215	0.5	0.094	0.121
<b>SPFPK52</b>	1.5	4.5				
<b>SPFPK53</b>	1.25	3	0.25	0.58	0.125	0.168
<b>SPFPK54</b>	2.5	6				
<b>SPFPK57</b>	2.5	7	0.384	0.9	0.187	0.234
<b>SPFPK58</b>	5	14				
<b>SPFPK59</b>	4	9	0.509	1.25	0.25	0.332
<b>SPFPK60</b>	8	18				

**Shoulderless Knurled Press-Fit Ball Plungers with Nylon Ball**

Part No.	End Force, Lbs.		Knurl O.D. A in.	Body Length B in.	Proj. C in.	Ball Dia. D in.
	Init.	Final				
<b>DPFBK47</b>	0.4	1.3	0.153	0.29	0.035	0.094
<b>DPFBK48</b>	0.75	2.5				
<b>DPFBK51</b>	1	2.5	0.215	0.435	0.058	0.156
<b>DPFBK52</b>	2	5				
<b>DPFBK53</b>	1.5	3.5	0.259	0.52	0.07	0.188
<b>DPFBK54</b>	3	7				
<b>DPFBK55</b>	2	5	0.321	0.7	0.09	0.25
<b>DPFBK56</b>	4	10				
<b>DPFBK57</b>	2.5	7	0.384	0.865	0.11	0.313
<b>DPFBK58</b>	5	14				
<b>DPFBK59</b>	4	9	0.509	1.21	0.161	0.438
<b>DPFBK60</b>	8	18				
<b>DPFPK51</b>	0.75	2	0.215	0.5	0.094	0.121
<b>DPFPK52</b>	1.5	4.5				
<b>DPFPK53</b>	1.25	3	0.25	0.58	0.125	0.168
<b>DPFPK54</b>	2.5	6				
<b>DPFPK57</b>	2.5	7	0.384	0.9	0.187	0.234
<b>DPFPK58</b>	5	14				
<b>DPFPK59</b>	4	9	0.509	1.25	0.25	0.332
<b>DPFPK60</b>	8	18				

**Shoulderless Knurled Press-Fit Ball Plungers with Nylon Ball**

Part No.	End Force, Lbs.		Knurl O.D. A in.	Body Length B in.	Proj. C in.	Ball Dia. D in.
	Init.	Final				
<b>DSPFBK47</b>	0.4	1.3	0.153	0.29	0.035	0.094
<b>DSPFBK48</b>	0.75	2.5				
<b>DSPFBK51</b>	1	2.5	0.215	0.435	0.058	0.156
<b>DSPFBK52</b>	2	5				
<b>DSPFBK53</b>	1.5	3.5	0.259	0.52	0.07	0.188
<b>DSPFBK54</b>	3	7				
<b>DSPFBK55</b>	2	5	0.321	0.7	0.09	0.25
<b>DSPFBK56</b>	4	10				
<b>DSPFBK57</b>	2.5	7	0.384	0.865	0.11	0.313
<b>DSPFBK58</b>	5	14				
<b>DSPFBK59</b>	4	9	0.509	1.21	0.161	0.438
<b>DSPFBK60</b>	8	18				
<b>DSPFPK51</b>	0.75	2	0.215	0.5	0.094	0.121
<b>DSPFPK52</b>	1.5	4.5				
<b>DSPFPK53</b>	1.25	3	0.25	0.58	0.125	0.168
<b>DSPFPK54</b>	2.5	6				
<b>DSPFPK57</b>	2.5	7	0.384	0.9	0.187	0.234
<b>DSPFPK58</b>	5	14				
<b>DSPFPK59</b>	4	9	0.509	1.25	0.25	0.332
<b>DSPFPK60</b>	8	18				