

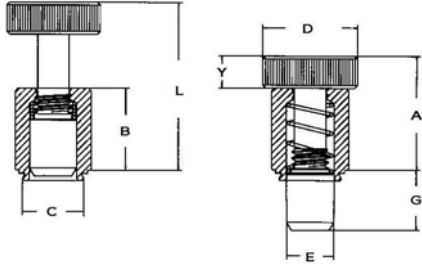


Self-Clinching Plungers



Series CPN & CPR

CPN & CPR Spring-Loaded Plunger Assemblies are used as positioning pins and locking stops on drawer slides and equipment consoles. CPR series has a hold open feature activated by pulling out the plunger head and rotating it, which allows smooth slide operation.

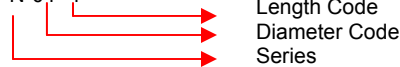


(CPR Version Shown)

Series	Material	Finish *	Feature
CPN	Carbon Steel	Bright Nickel over Copper Flash	Spring Return
CPR	Carbon Steel	Bright Nickel over Copper Flash	Hold Open

*Spec. ASTM B689
Use in: Cold-rolled Steel or 5052-H34 Aluminum with Rockwell Hardness of HRB-80 or less.

Part Number Structure:
CPN-04 -4



Dimensions & Specifications

All Dimensions are in inches.

INCH (in.)	Series	Plunger Diameter	Plunger Length	A ± .010	B ± .005	C Max.	D ± .010	E +0.00 -0.005	G ± .010	L Nom.	Y ± .010	Z ± .010	Min.	+0.003 -0.000	Min.
		CPR	04	4	.595	.430	.327	.50	.250	.310	.895	.17	.406	.060	.328
	CPN [†]	04	4	.510	.350	.327	.50	.250	.310	.780	.17	.406	.060	.328	.34

METRIC (mm)	Series	Plunger Diameter	Plunger Length	A ± 0.25	B ± 0.13	C Max.	D ± 0.25	E +0.00 -0.13	G ± 0.25	L Nom.	Y ± 0.25	Z ± 0.25	Min.	+0.08 -0.00	Min.
		CPR	04	4	12.95	8.89	8.31	12.7	6.35	7.87	19.81	4.32	10.3	1.53	8.33
	CPN [†]	04	4	15.11	10.92	8.31	12.7	6.35	7.87	22.73	4.32	10.3	1.53	8.33	8.64

[†] Available on special order

Installation & Performance Data

INCH	Series	Cold Rolled Steel		Aluminum	
		Installation Force (lbs.)	Pushout (lbs.)	Installation Force (lbs.)	Pushout (lbs.)
		CPN	4000	500	3000
	CPR				
METRIC	Series	Cold Rolled Steel		Aluminum	
		Installation Force (kN)	Pushout (N)	Installation Force (kN)	Pushout (N)
		CPN	17.79	2224	13.35
	CPR				