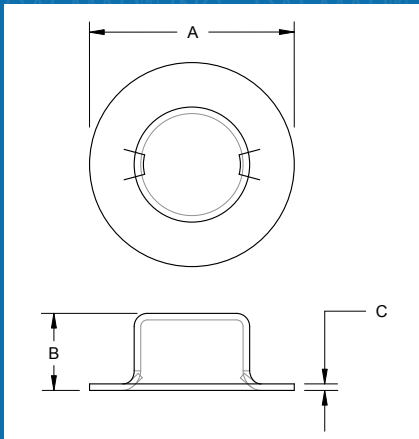




Push-On Fasteners

HP Series



Push-On Hat Fasteners

Push-on hat fasteners are designed to hold components on plain round shafts, rods or axles.

Reduce Costs - Eliminate costly secondary operations such as notching, threading or drilling.

Fast, Easy Assembly - No need to find a thread or turn a nut down with a torque wrench. "Push-ons" can be quickly pushed on a shaft or stud.

Applications - Push-on fasteners can be used as decorative covers for unsightly stud ends or to protect from scratches or snags. They are used in almost every industry with diverse applications ranging from hubcaps for toy wheels to boat trailer roller caps.

Technical Data

Part No.	Stud Dia.*	Washer Dia. A	HT B	TK C	Min. Pull-Off (lbs.)
HP18843	3/16"	.437"	.202"	.015"	220
HP18850	3/16"	.500"	.202"	.015"	220
HP25056	1/4"	.560"	.205"	.018"	360
HP31262	5/16"	.625"	.236"	.020"	460
HP37568	3/8"	.688"	.234"	.020"	380
HP37575	3/8"	.750"	.270"	.025"	700
HP71687	7/16"	.875"	.328"	.030"	825
HP50094	1/2"	.940"	.330"	.030"	800
HP58118	5/8"	1.190"	.413"	.030"	1500
HP7513	3/4"	1.310"	.413"	.035"	1500

*Stud and Rod design requirements: diameter tolerance of $\pm .0025"$ (.06mm). Material hardness must not exceed Rockwell 30T-78. Chrome plating should be avoided and nickel plating greater than .0003" should also be avoided. The stud/rod should have a lead in chamfer as sharp edges with burrs can prevent proper functioning of the fastener.

Material and Standard Finishes

Material is 1050 steel. Standard finishes available: Plain (hardened and tempered, no secondary finish), Mechanical Zinc (clear, yellow or black dichromate), Electro Zinc (clear, yellow or black dichromate) and Phosphate & Oil (dull black finish).

Application Tips

Fixtures should be used to apply the fasteners. The fasteners should be presented squarely to the stud or rod, crooked application can affect the performance of the fastener. The fasteners should be applied with a load on the top of the hat, avoid applying a load to the brim of the hat.

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