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PAN-CLAMP™ Heavy Duty Fixed Diameter Clamps

PANDUIT®

SPECIFICATION SHEET

specifications

The heavy duty fixed diameter clamps shall be used as a substitute for hanger straps, fixed diameter metal clamps and metal cushion clamps where the holding force does not exceed 70 lbs. maximum. The one-piece part shall have a retained barb that when inserted into the rivet locks the clamp securely into place. The clamp shall have sufficient spring back so the wire, cable, or hydraulic hose is retained during the assembly process. The fixed diameter clamps shall be manufactured from impact modified weather resistant Nylon 6.6 to resist fluids and other elements found in transportation, outdoor, and chassis applications.



PAN-CLAMP™ Heavy Duty Fixed Diameter Clamps	
3/8" (9.5mm) diameter:	PC038-H25D-C0
1/2" (12.7mm) diameter:	PC050-H25D-C0
5/8" (15.8mm) diameter:	PC062-H25D-C0
3/4" (19.1mm) diameter:	PC075-H25D-C0
7/8" (22.1mm) diameter:	PC087-H25D-C0
1" (25.4mm) diameter:	PC100-H25D-C0
1 1/8" (28.5mm) diameter:	PC112-H25D-C0
1 1/4" (31.8mm) diameter:	PC125-H25D-C0

technical information

Material:	Impact modified weather resistant Nylon 6.6
Flammability:	Meets UL94 HB, passes FMVSS 302
Color:	Black
Temperature range:	-76°F (-60°C) – 185°F (85°C); continuous
Chemical resistance @ 21°C (70°F):	Excellent resistance to common transportation fluids including: ethyl and methyl alcohols, ethylene glycol, diesel fuel, gasoline, jet fuel, hydraulic fluid, transmission fluids and 10% sodium chloride solution
Strength:	Over 125 lbs. (56.7kg) in shear, 70 lbs. (31.8kg) in tension

key features and benefits

One-piece integrated fastener solution:	Eliminates the need for screws, rivets, and nut-and-bolt assemblies for fast installation and lowers installed cost; installs by hand with low insertion force and minimizes fatigue
Fixed diameter clamp:	Provides a wide range of application solutions with eight sizes from 3/8" (9.5mm) up to 1 1/4" (31.8mm); integrated ribs ensure a secure grip on wires, cables, and hydraulic hoses to prevent rotation
Durable Nylon 6.6 construction:	Operates at temperatures of -76°F (-60°C) – 185°F (85°C); provides weather resistance for outdoor applications and chemical resistance for transportation and chassis applications; reduces weight in overall assembly by replacing metal components

applications

PANDUIT® PAN-CLAMP™ Heavy Duty Fixed Diameter Clamps are a reliable and cost-effective solution for securing wires, cables, and hydraulic hoses in nearly all transportation applications including light vehicles, heavy trucks, and specialty vehicles. The clamps can be used in any application where the anchor requirements are under 70 lbs. pull-out.

Made from high strength impact modified weather resistant Nylon 6.6, the loop tensile of the clamp exceeds the pull-out force. The unique design eliminates fasteners and fastener assemblies reducing labor, lowering number of parts required in the production operation and offers a lower installed cost compared to screws, rivets, and nut-and-bolt assemblies.

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ordering information

Part Number	Material	Color	Max Bundle Size		Bundle Offset		Width		Panel Hole Size Range		Panel Thickness Range		Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
PC038-H25D-C0	Weather Resistant Nylon 6.6	Black	.38	9.5	.62	15.7	.62	15.7	.275 – .288	7.0 – 7.3	.055 – .140	1.4 – 3.6	100	1000
PC050-H25D-C0			.50	12.7	.62	15.7								
PC062-H25D-C0			.62	15.8	.62	15.7								
PC075-H25D-C0			.75	19.1	.62	15.7								
PC087-H25D-C0			.87	22.1	.62	15.7								
PC100-H25D-C0			1.00	25.4	.62	15.7								
PC112-H25D-C0			1.12	28.5	.62	15.7								
PC125-H25D-C0			1.12	28.5	.62	15.7								

installation steps

Step 1:
Insert barb into mounting hole – all sizes are designed to fit holes with a panel thickness range of .055"(1.4mm) – .140" (3.6mm) and a panel hole size range of .275" (7.0mm) – .288" (7.3mm).



Step 2:
Place wire, cable, or hose into clamp.



Step 3:
Secure clamp by inserting barb into mount hole.



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For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

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