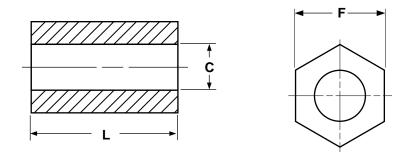
Spacers & Standoffs



F	C Clearance Hole			F	C Clearance Hole		
Width Across the Flats (± 1/64)				Width Across			
	Hole Number	Мах	Min	the Flats (± 1/64)	Hole Number	Max	Min
3/16	#1	.077	.067	3/8	#8	.176	.166
3/16	#2	.100	.090	3/8	#10	.202	.192
3/16	#4	.124	.114	1/2	#6	.150	.140
1/4	#2	.100	.090	1/2	#8	.176	.166
1/4	#4	.124	.114	1/2	#10	.202	.192
1/4	#6	.150	.140	1/2	1/4	.262	.252
1/4	#8	.176	.166	5/8	#6	.150	.140
5/16	#4	.124	.114	5/8	#8	.176	.166
5/16	#6	.150	.140	5/8	#10	.202	.192
5/16	#8	.176	.166	5/8	#1/4	.262	.252
5/16	#10	.202	.192	5/8	#5/16	.325	.315
3/8	#6	.150	.140	5/8	#3/8	.390	.380

Description	A hexagonal, unthreaded, mechanical device used to hold two components at a given distance from each other.	
Applications/ Advantages	Hex spacers are much less common than round, used in some applications to resist twisting. Aluminum is popular for its ligh weight/ strength compromise. It is non-magnetic, performs well in severe temperatures, and has insulating properties. Nylon i good insulator and has a surface smoothness which will not fray the insulation of wires that rub against it. Brass is used in mal high-quality spacers. It is conductive, resists corrosion, and is non-magnetic. It is costlier and heavier than aluminum and is us plated zinc or nickel. Stainless has the advantages of brass but has superior resistance to corrosion and chemical fumes. Steel used in applications requiring greater strength, but it is heavier than aluminum and does not resist corrosion like aluminum of brass.	
Material	Aluminum: 2011 Aluminum (Copper: 5.0-6.0%; Silicon: 0.4% maximum; Iron: 0.7% maximum; Zinc: 0.3% maximum; Bismuth: 0.2-0.6%; Lead: 0.2-0.6%) Nylon: Nylon 6/6 Brass: C36000 Brass (Copper: 60.00-63.00%; Lead: 2.50-3.70%; Iron: .35% maximum) Stainless: 303 stainless, passivated to ASTM A 380 Steel: 12L14 Steel-Leaded Grade A (Carbon: .15% maximum; Manganese: .85-1.15%; Phosphorus: .0409%; Sulphur: .2635%)	

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