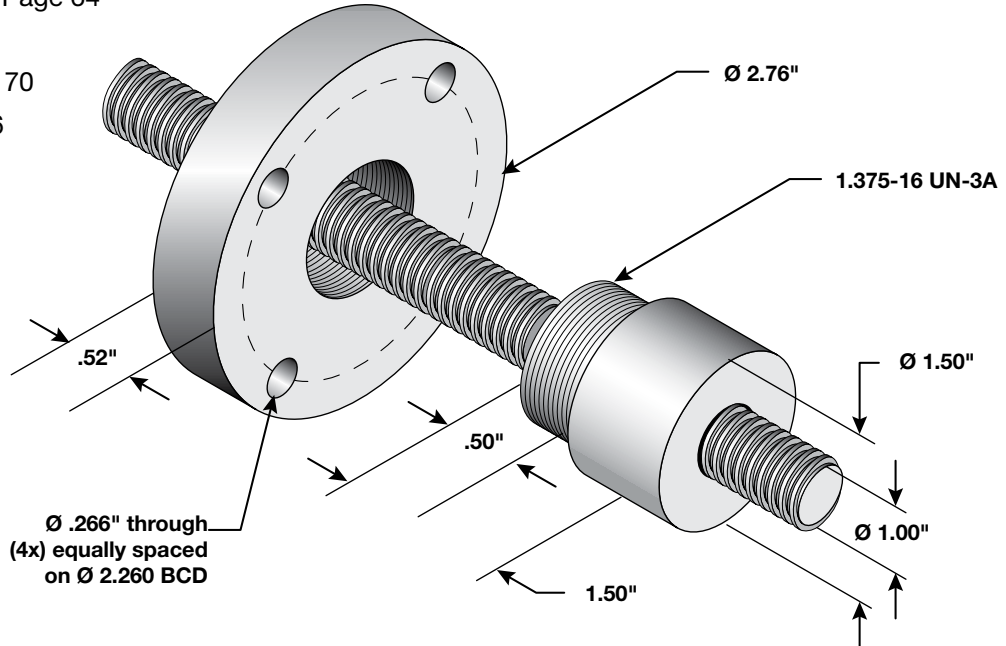


# ACME SCREWS & NUTS

1 Inch (1.00 Inch) - Left Hand

Duff-Norton offers complete close mounted systems to complement these screw & nut assemblies as follows:

- Screw Journal Ends - Page 64
- End Blocks - Page 66
- Motor Flanges - Page 70
- Gearmotors - Page 76
- Controls - Page 96



## Acme Screw & Nut 1 Inch (1.00 Inch) Diameter - Left Hand

Acme Screw	Screw Dia.	Lead	Pitch	No. Starts	Root Dia.	Thread Form	Material	Maximum Backlash	Standard Lengths		
									36 Inch	72 Inch	144 Inch
100ASA010L	1.00	.100	.100	1	0.857	Centralizing LH	Steel	0.010	Yes	Yes	Yes
100ASA020L		.200	.200		0.751			0.012			
100ASA025L		.250	.250		0.715			0.007			
Acme Nut	*Static Load	*Dynamic Load	*Max. Speed	T.P.I.	Efficiency	Torque to Raise 1 Lb.	Material	Mounting Thread	Mounting Length	Nut Length	Nut Diameter
100ANB010L	22,676	7,119	172.50	10	20%	0.079	Bronze	1.375-16 UN-3A	.50	1.50	1.50
100ANB020L	23,216	6,779	345.00	5	35%	0.092					
100ANB025L	23,755	7,374	431.25	4	41%	0.098					
100ANP025L	2,239	2,239			52%	0.077	Plastic				
Flange	Overall Dia.	Bolt Cir. Dia.	Bolt Hole Dia.	Mounting Holes	Flange Width	Treated	Material	Mounting Thread			
FL1375	2.76	2.260	.266	4	.52	Black Oxide	Steel	1.375-16 UN-3B			

Note: Unless otherwise specified, all capacities are in Pounds, all dimensions are in Inches, and all speeds are in Inches per Minute.

\*Load ratings are based on what the screw & nut assembly is capable of achieving. Actual load performance for a given screw and nut assembly will vary from application to application.

\*Speed ratings are based on a directly coupled screw & motor turning at 1725 rpm. Actual speeds for a given screw and nut assembly will vary from application to application.

In many cases Duff-Norton can provide screw materials such as 316SS, longer screw lengths, or thread directions other than what has been cataloged.

Please contact our customer service department for assistance.



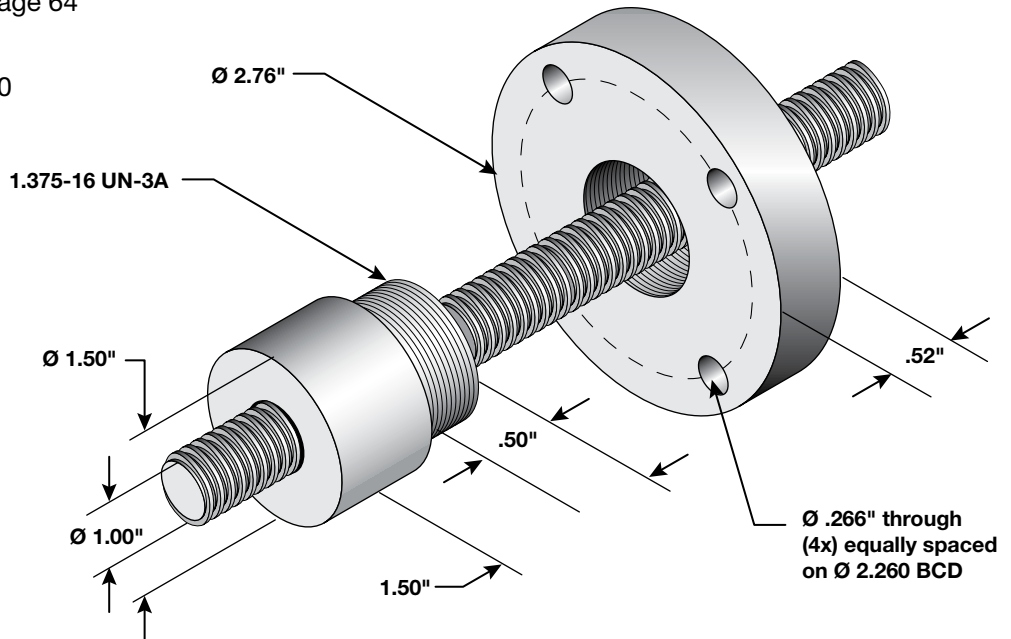
1/2 inch to 1-1/2 inch  
bronze and plastic nuts  
available in select T.P.I

# ACME SCREWS & NUTS

1 Inch (1.00 Inch) - Right Hand

Duff-Norton offers complete close mounted systems to complement these screw & nut assemblies as follows:

- Screw Journal Ends - Page 64
- End Blocks - Page 66
- Motor Flanges - Page 70
- Gearmotors - Page 76
- Controls - Page 96



## Acme Screw & Nut 1 Inch (1.00 Inch) Diameter - Right Hand

Acme Screw	Screw Dia.	Lead	Pitch	No. Starts	Root Dia.	Thread Form	Material	Maximum Backlash	Standard Lengths			
									36 Inch	72 Inch	144 Inch	
100ASA010R	1.00	.100	.100	1	0.857	Centralizing RH	Steel	0.010	Yes	Yes	Yes	
100ASA020R		.200	.200		0.751			0.012				
100ASA025R		.250	.250		0.715			0.007				
100ASA050R		.500	.250	2	0.009							
100ASA100R		1.00	.250	4								
Acme Nut	*Static Load	*Dynamic Load	*Max. Speed	T.P.I.	Efficiency	Torque to Raise 1 Lb.	Material	Mounting Thread	Mounting Length	Nut Length	Nut Diameter	
100ANB010	22676	7119	172.50	10	20%	0.079	Bronze	1.375-16 UN-3A	.50	1.50	1.50	
100ANB020	23216	6779	345.00	5	35%	0.092						
100ANB025	23755	7374	431.25	4	41%	0.098						
100ANB050	21423	7407	862.50	2	57%	0.140						
100ANB100	20297	7440	1725.00	1	70%	0.227						
100ANP025	2239	2239	431.25	4	52%	0.077						Plastic
100ANP050	2224	2019	862.50	2	67%	0.118						
100ANP100	2209	2209	1725.00	1	79%	0.202						
Flange	Overall Dia.	Bolt Cir. Dia.	Bolt Hole Dia.	Mounting Holes	Flange Width	Treated	Material	Mounting Thread				
FL1375	2.76	2.260	.266	4	.52	Black Oxide	Steel	1.375-16 UN-3B				

Note: Unless otherwise specified, all capacities are in Pounds, all dimensions are in Inches, and all speeds are in Inches per Minute.

\*Load ratings are based on what the screw & nut assembly is capable of achieving. Actual load performance for a given screw and nut assembly will vary from application to application.

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1/2 inch to 1-1/2 inch bronze and plastic nuts available in select T.P.I