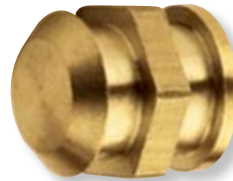
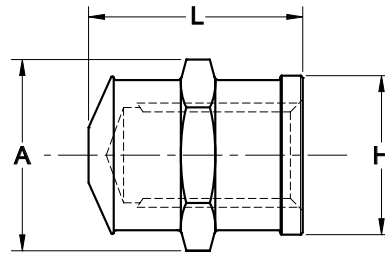
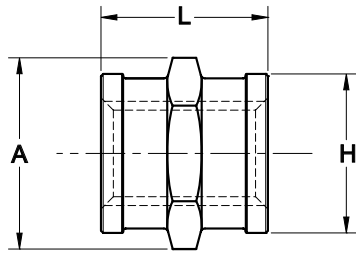
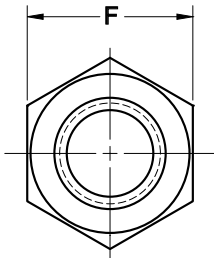


### Series 41 Through Hole

### Series 45 Blind End



### DIMENSIONAL DATA

Thread Size		F Ref.	H	A Max.	L 41	L 45
Unified	Metric					
4-40	M3	3/16"	.173	.217	.147	.265
6-32	M3.5	1/4"	.235	.289	.234	.312
8-32	M4	9/32"	.266	.324	.234	.343
10-24 10-32	M5	11/32"	.317	.396	.328	.406
1/4-20	M6	3/8"	.360	.433	.378	.485
5/16-18	M8	1/2"	.475	.577	.425	.578
3/8-16	M10	5/8"	.610	.722	.500	.671

# SPIROL®

Innovative fastening solutions.  
Lower assembly costs.



## Challenge Us!

**SPIROL** Application Engineers will review your application needs and work with your design team to recommend the best solution. One way to start the process is to visit our **Optimal Application Engineering** portal at [www.SPIROL.com](http://www.SPIROL.com).

**U.S.A. Spirol International Corporation**  
30 Rock Avenue  
Danielson, Connecticut 06239  
Tel. +1 (1) 860.774.8571  
Fax. +1 (1) 860.774.2048

**Spirol West Inc.**  
1950 Compton Avenue, Unit 111  
Corona, California 92881-6471  
Tel. +1 (1) 951.273.5900  
Fax. +1 (1) 951.273.5907

**Spirol International Corporation  
Shim Division**  
321 Remington Road  
Stow, Ohio 44224  
Tel. +1 (1) 330.920.3655  
Fax. +1 (1) 330.920.3659

**Spirol Distribution**  
(For Distributor Customers)  
30 Rock Avenue  
Danielson, Connecticut 06239  
Tel. +1 (1) 860.774.8571  
Fax. +1 (1) 860.774.0487

**Canada Spirol Industries, Ltd.**  
3103 St. Etienne Boulevard  
Windsor, Ontario  
Canada N8W 5B1  
Tel. +1 (1) 519.974.3334  
Fax. +1 (1) 519.974.6550

**Mexico Spirol México, S.A. de C.V.**  
Carretera a Laredo KM 16.5 Interior E  
Col. Moisés Saenz  
Apodaca, N.L. 66613 México  
ó Apdo. Postal 151 de Apodaca, N.L.  
Tel. +52 (01) 81 8385 4390  
Fax. +52 (01) 81 8385 4391

**Europe Spirol Industries, Ltd.**  
Princewood Road  
Corby, Northants  
England NN17 4ET  
Tel. +44 (0) 1536 444800  
Fax. +44 (0) 1536 203415  
(UK Distributors: Tel. 0800 3890034)

**Spirol SAS**  
Rue Henri Rol Tanguy  
Z.A. Les Naux  
51450 Bétheny - Reims  
France  
Tel. +33 (0) 3 26 36 31 42  
Fax. +33 (0) 3 26 09 19 76

**Spirol GmbH**  
Briener Strasse 9  
80333 Munich  
Germany  
Tel. +49 (0) 931 454 670 74  
Fax. +49 (0) 931 454 670 75

**Asia Pacific Spirol International Engineered  
Fastener Trading Co. Ltd.**  
No. 11 Xi Ya Rd. North  
Section A, 1F, Building 14  
Wai Gao Qiao Free Trade Zone  
Shanghai, China 200131  
Tel. +86 (0) 21 5046-1451/1452  
Fax. +86 (0) 21 5046-1540

e-mail: [info@spirol.com](mailto:info@spirol.com)

[www.SPIROL.com](http://www.SPIROL.com)