

ETM[®]

Elegant Technology Master

www.etm-co.com



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ELEGANT TECHNOLOGY MASTER

Your Electronic Hardware Solutions



Our name says it all, simply
the widest selection of
quality products.
We are specialize in cosmetic
products and precision
electronic hardware.

Your Electronic Hardware Solutions

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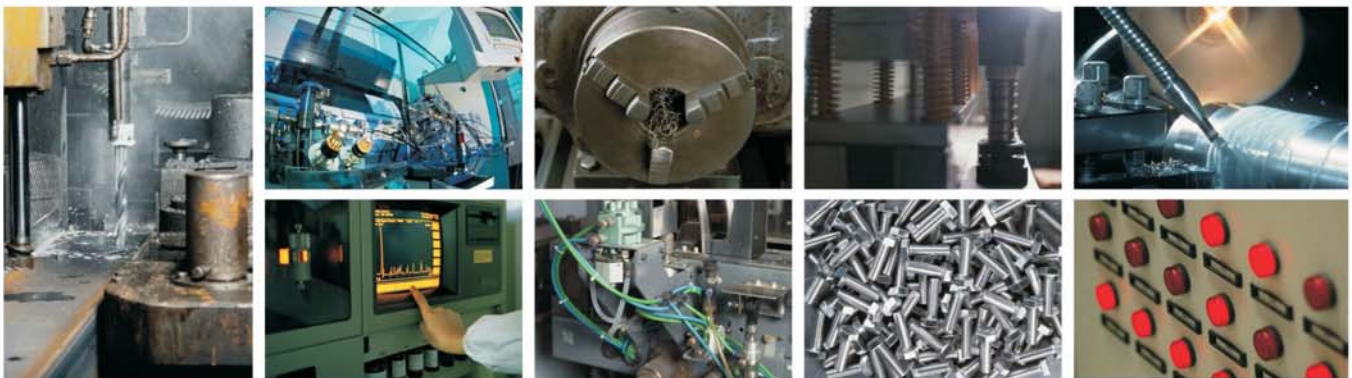


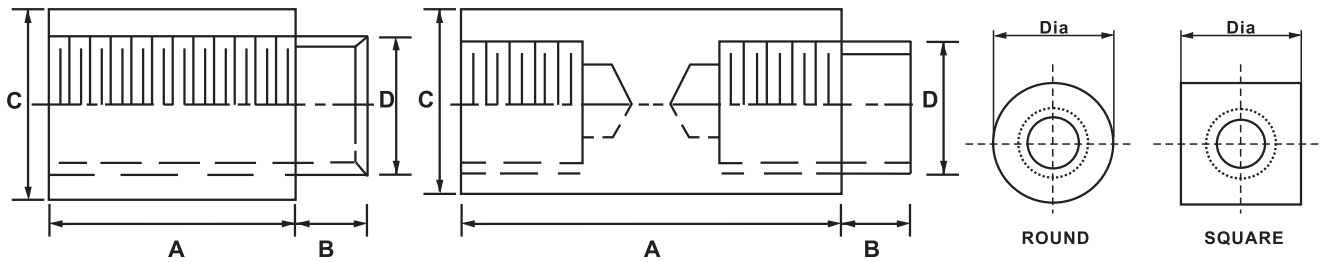
Our products meet most standard requirements. Modifications as well as custom fabrications can be manufactured to meet your special needs.

ETM has diverse manufacturing base that is available for you for specific, non standard designs.

Design and engineering, precision tool and die capabilities, close tolerance Stamping, Machining, and Assembly, computer based quality control and responsive customer service are all vital in-house resources which constitute our custom manufacturing division's capabilities.

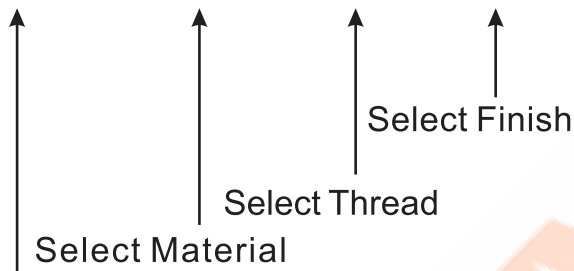
It is ETM's quality policy to continuously improve its products to better satisfy the needs of its customers and to deliver quality products, every time and on time. Our service team is your assurance of quick response, service and dependability, worldwide.





How to order Metric Standard Swage Standoffs

MSW- 0808-MS1- M3.5- S10



Tolerances:

Diameter: Standard commercial bar stock tolerances.

Length: 0 UP to 100 ± 0.13

From 100 to 150 ± 0.2

Over 150 ± 0.25

Threads:

External - Standard Unified Class 6g

Internal - Standard Unified Class 6h

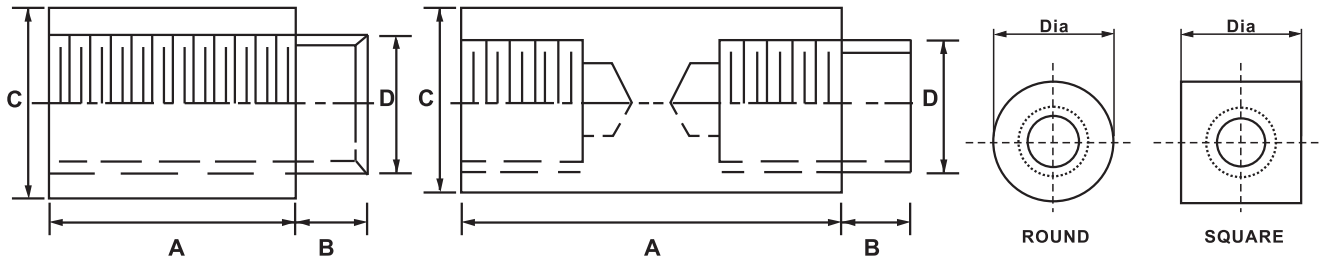
Select Part No. corresponding to the diameter and length necessary for Your application

Material Description	Code	
	Round	Square
Carbon Steel	MS1	MS2
300 Series Stainless Steel	MSS1	MSS2
Aluminum	MA1	MA2
Brass	MB1	MB2
Nylon	MN1	MN2

Finish Description	Code
Nickel Plate	S1
Chrome Plate	S2
Satin Chrome	S6
Zinc Plate	S10
Zinc Yellow Chromate	S11
No Finish	S14
Black Oxide	S22
Black Zinc	S23
Passivate	SB5
Anodize Clear	SA1
Glossy Anodize Clear	SA2
Anodize Black	SA3
Glossy Anodize Black	SA4
Clear Iridite	SA5

Code	Thread	Code	Shank Length	Board Thickness
M2.5	M2.5x0.45	A	1.9	0.8
M3	M3x0.5	B	2.7	1.6
M3.5	M3.5x0.6	C	3.4	2.4
M4	M4x0.7	D	4.2	3.2
M5	M5x0.8			

America Standard



5mm Diameter Swage Standoffs

Part No.	Length	Part No.	Length	Part No.	Length
MSW-0501	3	MSW-0510	12	MSW-0519	21
MSW-0502	4	MSW-0511	13	MSW-0520	22
MSW-0503	5	MSW-0512	14	MSW-0521	23
MSW-0504	6	MSW-0513	15	MSW-0522	24
MSW-0505	7	MSW-0514	16	MSW-0523	25
MSW-0506	8	MSW-0515	17	MSW-0524	26
MSW-0507	9	MSW-0516	18	MSW-0525	27
MSW-0508	10	MSW-0517	19	MSW-0526	28
MSW-0509	11	MSW-0518	20	MSW-0527	29

6mm Diameter Swage Standoffs

Part No.	Length	Part No.	Length	Part No.	Length
MSW-0601	3	MSW-0610	12	MSW-0619	21
MSW-0602	4	MSW-0611	13	MSW-0620	22
MSW-0603	5	MSW-0612	14	MSW-0621	23
MSW-0604	6	MSW-0613	15	MSW-0622	24
MSW-0605	7	MSW-0614	16	MSW-0623	25
MSW-0606	8	MSW-0615	17	MSW-0624	26
MSW-0607	9	MSW-0616	18	MSW-0625	27
MSW-0608	10	MSW-0617	19	MSW-0626	28
MSW-0609	11	MSW-0618	20	MSW-0627	29

8mm Diameter Swage Standoffs

Part No.	Length	Part No.	Length	Part No.	Length
MSW-0801	3	MSW-0810	12	MSW-0819	21
MSW-0802	4	MSW-0811	13	MSW-0820	22
MSW-0803	5	MSW-0812	14	MSW-0821	23
MSW-0804	6	MSW-0813	15	MSW-0822	24
MSW-0805	7	MSW-0814	16	MSW-0823	25
MSW-0806	8	MSW-0815	17	MSW-0824	26
MSW-0807	9	MSW-0816	18	MSW-0825	27
MSW-0808	10	MSW-0817	19	MSW-0826	28
MSW-0809	11	MSW-0818	20	MSW-0827	29

10mm Diameter Swage Standoffs

Part No.	Length	Part No.	Length	Part No.	Length
MSW-1001	3	MSW-1010	12	MSW-1019	21
MSW-1002	4	MSW-1011	13	MSW-1020	22
MSW-1003	5	MSW-1012	14	MSW-1021	23
MSW-1004	6	MSW-1013	15	MSW-1022	24
MSW-1005	7	MSW-1014	16	MSW-1023	25
MSW-1006	8	MSW-1015	17	MSW-1024	26
MSW-1007	9	MSW-1016	18	MSW-1025	27
MSW-1008	10	MSW-1017	19	MSW-1026	28
MSW-1009	11	MSW-1018	20	MSW-1027	29

Custom modified products are available.

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Our name says it all, simply the widest selection of quality products.

We are specialize in cosmetic products and precision electronic hardware.

Whether you are in the Aerospace, Automotive, Trucks, Railway, Enclosures, Enterprise Hardware, Consumer Electronics, Medical, Industrial Equipment, Marine, Instrumentation, Telecommunication, Recreational Vehicles, or other high-tech industry, our expert sales staff can assist you.

This book is a comprehensive reference of engineered human touch points for your customer oriented design solution. We believe that by providing you with a broad range of standard solutions. We can enhance your overall design, quality, performance, look and feel of your end product.



We have more and more products do not be listed in this catalogue, like ours Stamping Parts, Compression Latch, Draw Latch, Pulls, Self-Clinching parts ...etc.

To contact ETM directly for customer service and technical support, or contact us to found your local Sales Representative.

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