

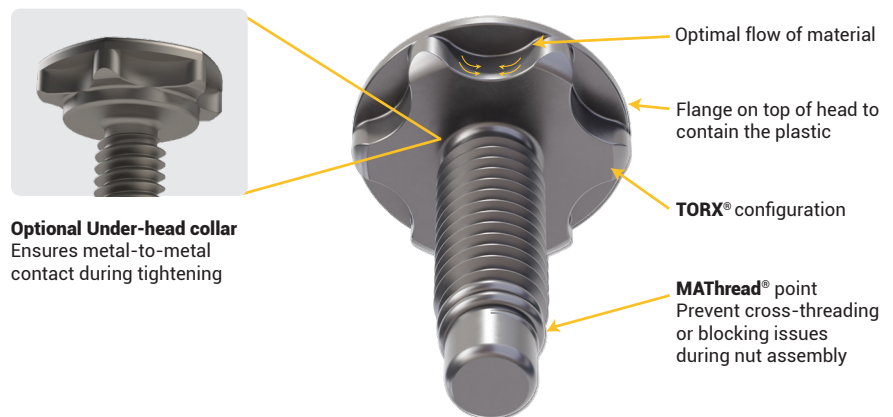


When to choose PlasTORX® studs?

PlasTORX® overmolding studs are specifically designed for applications that require strong, embedded fastening in plastic components produced through overmolding or injection molding.

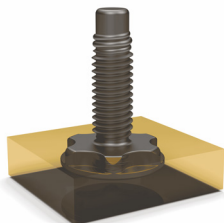
PlasTORX® studs provide exceptionally high resistance to rotation and pull-out, ensuring a secure fit even in thermoplastics susceptible to cracking or breaking.

Features & Benefits



- **TORX® configuration** provides deep lobe engagement, resulting in:
 - **Increased torsional resistance** for greater durability.
 - **Improved pull-out resistance**, ensuring a secure fit.
- **Ideal for use in materials prone to cracking** thanks to their design that applies less stress during installation.
- Engineered to be molded **directly into plastic components**, enabling the installation of multiple fasteners simultaneously:
 - **Reduced assembly time.**
 - It's standardized head design **simplifies inventory and lowers associated costs.**
 - **Decreased overall production costs.**

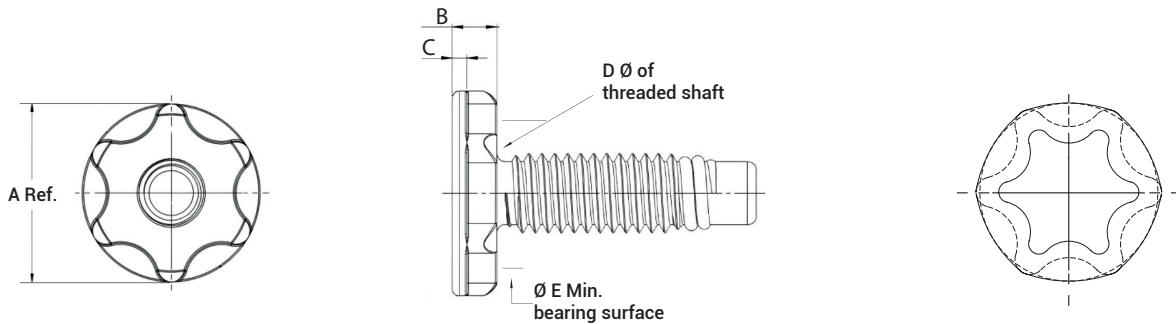
Applications



PlasTORX® overmolding studs are designed to be molded directly into plastic applications, which increases assembly efficiency.

As a proven solution in insert molding applications, **PlasTORX® studs** are widely used in industries such as electronics, automotive, and other sectors where insert molding is demanded.

Dimensional Data - Metric Sizes



Thread size	A Ref.	B ±0.13	C. ±0.25	D Max.	E Min.	Min. Molded Mat'l Width	Min. Molded Mat'l Height
M4	9.19	1.84	0.50	0.8	6.30	12.41	2.30
M5	10.95	2.28	0.80	0.8	7.35	14.85	2.85
M6	14.50	3.00	0.80	0.8	10.00	20.25	3.75
M8	16.38	3.68	1.00	1.0	11.30	23.10	4.60
M10	19.99	4.88	1.00	1.0	15.75	28.50	6.10
M12	23.60	6.88	1.14	1.0	18.50	33.90	8.60

Dimensional Data - Inch Sizes

Thread size	A Ref.	B ± 0.005	C. ± 0.010	D Max.	E Min.	Min. Molded Mat'l Width	Min. Molded Mat'l Height
#8	0.362	0.072	0.030	0.031	0.248	0.489	0.090
#10	0.431	0.090	0.041	0.031	0.289	0.585	0.113
1/4	0.571	0.118	0.041	0.031	0.394	0.797	0.148
5/16	0.645	0.145	0.049	0.039	0.445	0.909	0.181
3/8	0.787	0.192	0.049	0.039	0.620	1.112	0.240
1/2	0.929	0.271	0.055	0.039	0.728	1.335	0.339

We produce PlasTORX® studs on special demand to fit your exact requirements. Diameters range from M4 to M12 (#8 to 1/2") and lengths as per customer design.



Further information at: www.celofasteners.com

Contact us by E-mail: celo@celo.com