



Brass Heat-Set Inserts for Plastic

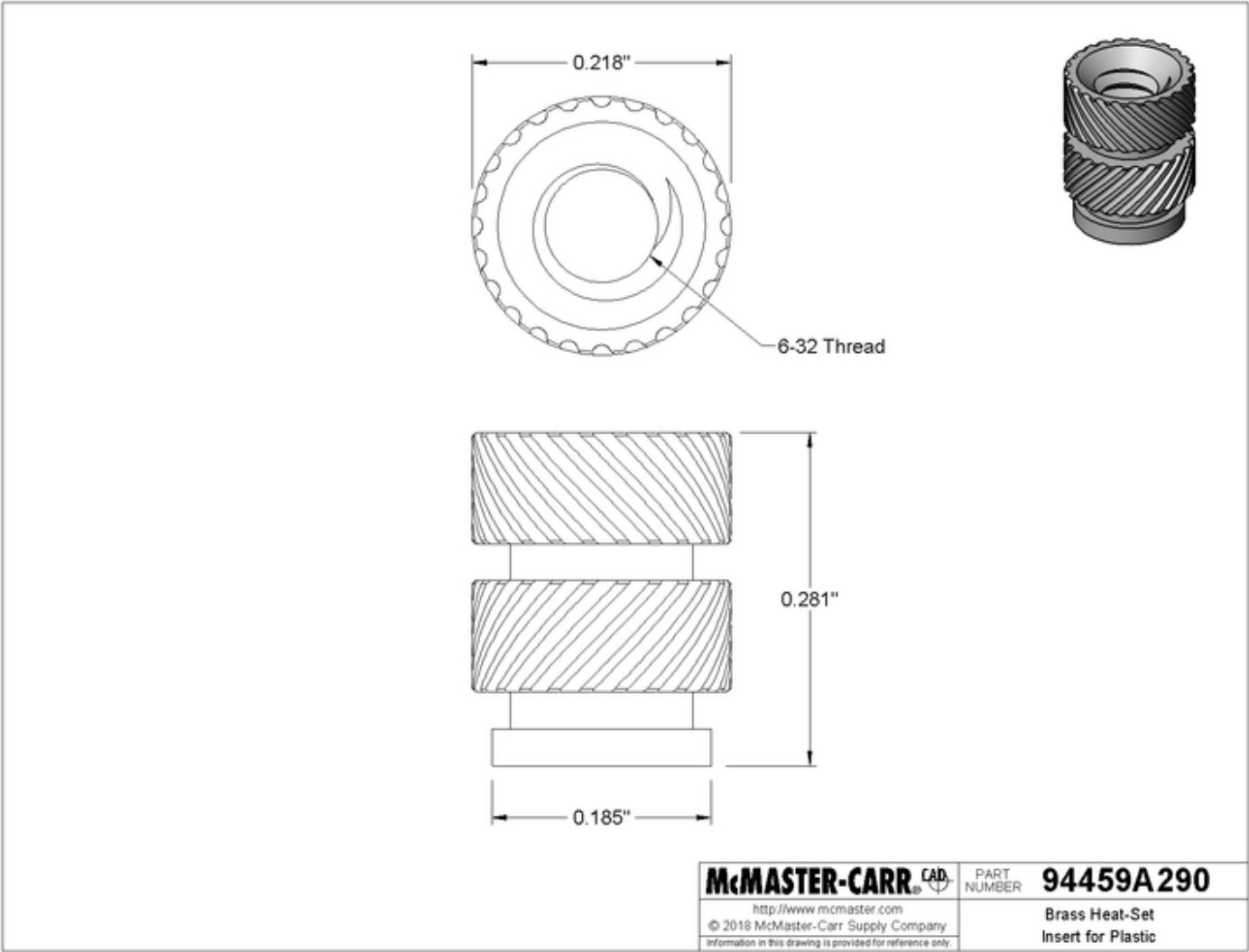
6-32 Thread Size, 0.281" Installed Length

\$10.13 per pack of 50
94459A290



For Use In	Plastic
Threaded Insert Type	Heat Set
Thread Insert Style	Standard
Material	Brass
System of Measurement	Inch
Thread Direction	Right Hand
Thread Size	6-32
Thread Type	UNC
Thread Spacing	Coarse
Thread Fit	Class 2B
Installed Length	0.281"
For Minimum Material Thickness	0.311"
Drill Bit Size	No. 11
For Maximum Hole Diameter	0.191"
End Type	Open
Tensile Strength	50,000 psi
RoHS	RoHS 3 (2015/863/EU) compliant with exemption 6(c) - Lead in copper alloy
Related Products	Soldering Installation Tips Extraction Tips Soldering Iron, 40W

Install these inserts into plastic parts to create a secure base for fasteners. Also known as Chevron and headed inserts, they are often used to strengthen mounting holes on brittle plastics, such as on 3D printed parts. Unlike plastic threads, which wear down with repeat use, these brass threads hold their shape over a long life. Press inserts into straight holes that have been drilled, printed, or molded into plastic parts, then heat them with a soldering tip to melt the surrounding plastic. As the plastic cools, it fuses to the sharp, diagonal ridges around the inserts, which withstand torque and prevent the inserts from being pulled out. The interior is fully threaded, so you can access the threads from both sides of a through-hole.



The information in this 3-D model is provided for reference only.