



Press Brake Tool

This press brake forming tool was 3D printed using FDM® Nylon-CF10, a nylon material filled with 10% chopped carbon fibers. The result is a much stiffer and stronger composite material, capable of metal forming operations. 3D printed forming tools offer an advantage over metal tools because they can usually be fabricated and deployed faster, regardless of design complexity. They also offer a lower-cost alternative for short-run production or as a bridge to full production. FDM Nylon-CF10 is available on the F190™CR and F370®CR composite printers.

System	F370CR
Material	FDM Nylon-CF10
Slice Thickness	0.33 mm (0.013 in.)
Build Time	4.17 hours (1 set – 2 pieces)
Model Material Used	216.81 cm ³ (13.23 in ³)
Support Material Used	7.21 cm ³ (0.44 in ³)

ISO 9001:2015 Certified

© 2022 Stratasys. All rights reserved. Stratasys, the Stratasys Signet logo, FDM, and F370 are registered trademarks of Stratasys Inc. FDM Nylon-CF10 is a trademark of Stratasys, Inc. All other trademarks are the property of their respective owners, and Stratasys assumes no responsibility with regard to the selection, performance, or use of these non-Stratasys products. Product specifications subject to change without notice. PC_FDM_Nylon-CF10 Press Brake Tool_0322a

STRATASYS.COM

