

## MDTools® 785 Service Pack 1

Applicability: MDTools 785 with or without Hotfix 01

### Issues Resolved:

1. Machining charts separated by face deleted a table when updating if the margin was too small.
2. Beveled bolt holes with more than two steps in footprints (like slip-ins) gave errors.
3. Display Machining ID threw an unhandled exception when both Part views and Assembly views were present in one drawing.
4. Edit footprint did not show a preview for SAE flanges.
5. Using Stretch Drill, "stretch up to" on an offset hole resulted in a negative depth.
6. Match properties did not work for alpha and beta angles.
7. Connecting a cavity to an inclined hole used too high precision.
8. .NET framework error when selecting a network during insertion of undocked cavities.
9. Inclined cavities could not be used as "change origin" references for positioning other cavities.
10. Machine callouts caused problems upon update when a cavity was moved to a new face.
11. Adding an orifice un-suppressed other cavities in the footprint.
12. Stretch block did not adhere to precision settings.
13. Footprints reverted their rotation to zero degrees if a drill was inclined.
14. Wall thickness between manifold faces and bolt holes was sometimes incorrect.
15. Pressure units for all HyDraw XML schematics were shown as the units from MDTools Settings, not the units in which the schematic was designed.
16. Undercuts displayed a validation message based on diameters from lower in the cavity than the undercut.
17. Unmerged orifice plugs did not move with the rest of the footprint.
18. Envelope of flanges rotated when bolt holes were replaced (also required non-cosmetic attached engraving)
19. Some cavity selection consistency issues for cavities within the footprint.
20. Parent drills of footprints could not be inclined.
21. Mandatory O-rings remained when the footprint was replaced.
22. Generate Machining ID skipped ID numbers when O-rings were present.

Date: Nov 1, 2022

## MDTools® 785- Hotfix 01

Applicability: MDTools 785

### Enhancement:

Speed improved when importing a HyDraw Schematic XML file.

Date: Oct 7, 2022