

# MOLD BASE SIZE TUNING



Adjust the size of the mold base and respective components pitch with respect to wall thickness maintained for each element in Expert Moldbase Extension (EMX).

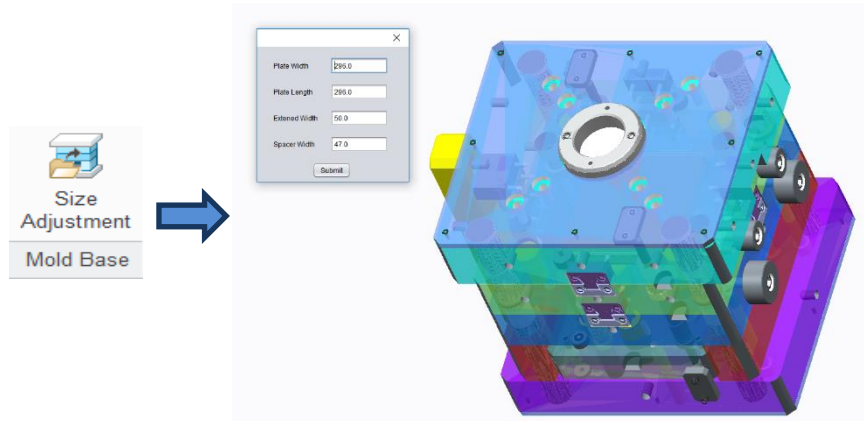
**Compatible with Creo, SolidWorks and Inventor**



# Mold Base Size Tuning

## Application Overview / Market Segment Introduction:

**Mold Base Size Tuning** is an embedded tool inside Creo (Pro/ENGINEER) for adjusting the size of the mold base and respective components pitch with respect to wall thickness maintained for each element in Expert Moldbase Extension (EMX). This allows the users to update mold base and sizes even in the last stage of tool design and maintain constant pitch values of components while varying the sizes.



## Current Scenario (Without Application):

### User need to Manually:

- Each variant we have to create new moldbase.
- If any size adjustment, we have to adjust entire top to bottom (moldbase).

### Negative consequences:

- User will consume more time to collect the details & create moldbase for new variant.
- Validation portion will get complicated.
- Human error due to manual creation.

## Positive Business Outcome:

- **ROI** – quick Return on Investment (ROI) considering the significant time savings and reduced ECN's.
  - **Speed** – One-click solution that automatically adjust the mold base size.
  - **Enhanced User Productivity** – Eliminate Designer/Creo User's non-productive (manual entries) activities, saving up to 80% of adjustment time.
  - **Reusability**- We can use the existing project component data for new project.
- **Standardization** – Standardization of Process as per company standards.
- **Quality output:**
  - **Error Free** - Eliminates errors that can be otherwise caused by multiple interfaces including types, read errors, comparison errors, etc.

**How it adds value:**

- Works with PTC Creo (Pro/ ENGINEER) Base & Expert Moldbase Extension (EMX) Licenses.
- One-click solution that automatically adjust the mold base size.
- Automatically calculates the wall thickness of each component & maintains the same irrespective of the number of components in the mold base.

**List of satisfied users:**

- Indo MIM.

**For more information please contact:**

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