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| ***SolidWorks*** | ***CATIA V5*** |
| **General** | |
| Part | Part |
| Assembly | Product |
| Drawing | Drafting |
| **Sketches** | |
| SmartDimension | (Double-Click) Constraint |
| Relations | Constraints Defined |
| PowerTrim | Quick Trim |
| **Parts** | |
| Extrude | Pad |
| Extruded Cut | Pocket |
| Blind | Dimension |
| Through All | Up to Last |
| Flip Side to Cut | Reverse Side |
| Reverse Direction | Reverse Direction |
| Revolve | Shaft |
| Revolved Cut | Groove |
| Sweep | Rib |
| Swept Cut | Slot |
| Loft | Multi-Selection Solid |
| Rib | Stiffener |
| Hole Wizard | Hole |
| Reference Geometry | Reference Elements |
| **Assemblies** | |
| Mates | Constraints |
| Insert Component | Existing Component |
| Exploded View | Explode |
| Solve As Flexible/Rigid | Flexible/Rigid Sub-Assembly |
| Rebuild | Update |
| Concentric | Coincident |
| Coincident | Coincident |
| Distance = 0 | Contact |
| Distance | Offset |
| **Drafting** | |
| Note | Text |
| Autodimension | Generate Dimensions |
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