

GstarCAD Mechanical vs Others

o=Software has this function, but not comprehensive;

Features	GstarCAD	GstarCAD Mechanical	ACM
Files			
.dwg and .dxf for ACAD version 2.5 to 2018	✓	✓	✓
.dwg for ACM version 6(2002) to 2018	✗	✓	✓
.pat,.shx,.lin and etc	✓	✓	✓
CAD Standard.dws	✓	✓	✓
Mechanical Standard and Standard elements	✗	✓	✓
Drawing Tools			
Drawing Tools	✓	✓	✓
Center Line	✗	✓	✓
Automatic Construction Lines	✗	✓	✓
Detail Views	✗	✓	✓
Seciton Lines	✗	✓	✓
Truncation Line	✗	o	✓
6 Kinds of Default Denfiend Hatches	o	✓	✓
Hide Situation	✗	✓	✓
Dimensions/Symbols			
Power Dimension	✗	✓	✓
Multiple Dimension	✗	✓	✓
Dimensioning Dialog Box	o	✓	✓
Dimension Overdrawn	✗	✓	✓
To Add Tolerances and Fits to Dimensions	✗	✓	✓
Edit Multiple	✗	✓	✓
Arrange Dimension	✗	✓	✓
Stretch Dimension	✗	✓	✓
Join Dimension	✗	✓	✓
Insert Dimension	✗	✓	✓
Check Dimension	✗	✓	✓
Break Dimension	✗	✓	✓
Associated Fillet/Chamfer	✗	✓	✓
Leader Note	o	o	✓
Surface Texture Symbols	✗	✓	✓
Feature Control Frame	o	✓	✓
Welding Symbol	✗	✓	✓
Datum Identifier	✗	✓	✓
Datum Target Symbol	✗	✓	✓
Feature Identifier	✗	✓	✓
Taper/Slope Symbol	✗	✓	✓
Edge Symbol	✗	✓	✓
Center Mark	✗	✓	✗
Weld Representation	✗	✓	✗
Sheet/BOM/Balloon			
Drawing Title/Borders	✗	✓	✓
Revision	✗	✓	✓
Part Reference	✗	✓	✓
Part Reference Edit	✗	✓	✓
Balloon	✗	✓	✓

Organizing Balloons	x	√	√
Renumber Balloons	x	√	√
Collect Balloons	x	√	√
Partlist	x	√	√
Parts List Dialog Box	x	√	√
BOM Database	x	√	√
Hole Chart	x	√	√
Fit List	x	√	√
Design/Library			
Shaft Design	x	○	√
Gear Design	x	○	√
Edit Standard Part	x	○	√
Library	x	√	√
Holes	x	x	√
Symbol Library	x	√	x
FEA	x	x	√
Deflection Line	x	x	√
Chains/Belts	x	x	√
Springs	x	x	√