

170dwgconfig.dtl - Drawing Setup File

Outline of Parameter Modifications

General Drawing Configuration Parameters

PARAMETER NAME	NEW VALUE	DEFAULT VALUE
text_height	0.1	0.15625
Defines the default text height in the drawing.		
text_thickness	0.01	0
Defines the default text thickness in the drawing.		
def_view_text_height	0.1	0
Defines the default text height for view names and view notes (eg. for section view letters).		
def_view_text_thickness	0.01	0
Defines the default text thickness for view names and view notes (eg. for section view letters).		
arrow_style	FILLED	CLOSED
Defines the default arrow style for the drawing. ASME indicates a preference for filled arrowheads.		
detail_circle_line_style	PHANTOMFONT	SOLIDFONT
Defines the default line style for circular callouts for detail views.		
model_display_for_new_views	NO_HIDDEN	FOLLOW_ENVIRONMENT
Defines the default model display for new views in the drawing.		
tan_edge_display_for_new_views	TAN_PHANTOM	DEFAULT
Controls the display of tangent edges for new views. Drafting standards prefer that tangent edges are not visible. However, hiding tangent edges creates a confusing drawing for the electronic dongle due to the curved nature of numerous parts.		
view_scale_denominator	10000	0
Controls the resolution of the 'scale' parameter.		
view_scale_format	RATIO_COLON	DECIMAL
Defines the format of the 'scale' parameter.		
lead_trail_zeros	BOTH	STD_DEFAULT
Controls the display of leading and trailing zeros on dimension values.		
tol_display	YES	NO
Controls tolerance display in drawings. Tolerances cannot be created if this parameter is 'no'.		
ignore_model_layer_status	NO	YES
With a 'yes' values, changes to a part or assembly's layer status in the drawing environment will be reflected in the part/design environment and changes to the layer status in the part/design environment will be reflected in the drawing environment.		

Parameters Controlling the Default Drafting Standard

The parameters were changed to reflect the ISO standard.

PARAMETER NAME	NEW VALUE	DEFAULT VALUE
default_tolerance_display_style	STD_ISO	STD_ASME
ord_dim_standard	STD_ISO	STD_ANSI
radial_dimension_display	STD_ISO	STD_ASME
line_style_standard	STD_ISO	STD_ANSI

Parameters Controlling Line, Space, and Arrow Sizing

These were all scaled from their defaults based on the change in default text height.

PARAMETER NAME	NEW VALUE	DEFAULT VALUE
crossed_arrow_length	0.12	0.1875
crossed_arrow_width	0.04	0.0625
def_xhatch_break_margin_size	0.095	0.15
datum_point_size	0.2	0.3125
default_clean_dim_increment	0.25	0.375
default_clean_dim_offset	0.375	0.5
dim_leader_length	0.25	0.5
dim_text_gap	0.32	0.5
witness_line_delta	0.08	0.125
witness_line_offset	0.05	0.0625
draw_arrow_length	0.12	0.1875
draw_arrow_width	0.04	0.0625
leader_elbow_length	0.16	0.25
set_datum_leader_length	0.25	0.375
axis_line_offset	0.065	0.1
circle_axis_offset	0.065	0.1
def_bom_balloons_stagger_value	0.375	0.6
def_bom_balloons_view_offset	0.5	0.8
min_dist_between_bom_balloons	0.5	0.8
model_grid_balloon_size	0.125	0.2