

Diagram Documentation

Shapes

Field	Description	Type	Default	Other
ShapeID		decimal(18,9)		PK
Shape		varchar(255)		
Description		varchar(1024)		
DimensionTabIndex		decimal(18,9)		
PriceFormat		varchar(50)		
PriceFormatDisplay		varchar(255)		
WeightFormat		varchar(50)		
SurfaceAreaFormat		varchar(50)		
PropertyFormat		varchar(50)		
MaterialGroupID		decimal(18,9)		
StandardClip		varchar(50)		
Combining		varchar(50)		
PDCPieceMarkRequired		varchar(50)		
ShowShape		varchar(50)		
ERPDesignation		varchar(255)		
ExcludeFromInstanceTracking		varchar(50)		
AllowSplit		varchar(50)		
CostCodeID		decimal(18,9)		
CostTypeID		decimal(18,9)		

Sizes

Field	Description	Type	Default	Other
SizeID		decimal(25,12)		PK
ShapeID		decimal(25,12)		FK
DimDepth		decimal(25,12)		
DimDepthImperial		decimal(25,12)		
DimWidth		decimal(25,12)		
DimWidthImperial		decimal(25,12)		
DimWeight		decimal(25,12)		
DimWeightImperial		decimal(25,12)		
DimWeightMetric		decimal(25,12)		
DimThickness		decimal(25,12)		
DimThicknessImperial		decimal(25,12)		

Field	Description	Type	Default	Other
DimGage		varchar(255)		
DimGageImperial		varchar(255)		
DimDiameter		decimal(18,9)		
DimDiameterImperial		decimal(18,9)		
DimComment		varchar(1024)		
SizeUnits		varchar(50)		
BaseWeight		decimal(25,12)		
UnitWeight		decimal(25,12)		
XSectionalArea		decimal(25,12)		
Depth		decimal(25,12)		
FlangeWidth		decimal(25,12)		
FlangeThickness		decimal(25,12)		
WebThickness		decimal(25,12)		
KDistance		decimal(25,12)		
AdjustedK		decimal(25,12)		
UsualGage		varchar(255)		
SecondaryGage		varchar(255)		
AxisXXS		decimal(25,12)		
InsideDiameter		decimal(25,12)		
OutsideDiameter		decimal(25,12)		
WallThickness		decimal(25,12)		
CalcRevaluation		varchar(50)		
RevaluationLength1		decimal(25,12)		
RevaluationLength2		decimal(25,12)		
RevaluationLength3		decimal(25,12)		
RevaluationPrice1		decimal(25,12)		
RevaluationPrice2		decimal(25,12)		
RevaluationPrice3		decimal(25,12)		
ChargeLength		decimal(25,12)		
CalcScrap		varchar(50)		
ScrapWidth		decimal(25,12)		
ScrapLength		decimal(25,12)		
ScrapPrice		decimal(25,12)		
Kerf		decimal(25,12)		
KerfRipCut		decimal(25,12)		
KerfCrossCut		decimal(25,12)		
KerfInternalCut		decimal(25,12)		

Field	Description	Type	Default	Other
TrimLeadingWidth		decimal(25,12)		
TrimLeadingLength		decimal(25,12)		
TrimTrailingWidth		decimal(25,12)		
TrimTrailingLength		decimal(25,12)		
ClampAllowanceFromPart		decimal(25,12)		
ValidCombiningScrapPercenta		decimal(25,12)		
FirstCutCost		decimal(25,12)		
FirstCutCharge		decimal(25,12)		
AdditionalCutCost		decimal(25,12)		
AdditionalCutCharge		decimal(25,12)		
DimensionSizesImperial		varchar(255)		
DimensionSizesImperial_Reve		varchar(255)		
DimensionSizesImperial_ED		varchar(255)		
Dim1Imperial		varchar(255)		
Dim1SortValue		varchar(255)		
Dim2Imperial		varchar(255)		
Dim2SortValue		varchar(255)		
Dim3Imperial		varchar(255)		
Dim3SortValue		varchar(255)		
Dim4Imperial		varchar(255)		
Dim4SortValue		varchar(255)		
Dim5Imperial		varchar(255)		
Dim5SortValue		varchar(255)		
Dim6Imperial		varchar(255)		
Dim6SortValue		varchar(255)		
SortOrder		decimal(25,12)		
SortOrder_Reverse		decimal(25,12)		
ProNestDesignation		varchar(255)		
SigmaNestDesignation		varchar(255)		
ERPDesignation		varchar(255)		

Grades

Field	Description	Type	Default	Other
GradeID		decimal(18,9)		PK
ShapeID		decimal(18,9)		FK
Grade		varchar(255)		
DefaultGrade		varchar(50)		

Field	Description	Type	Default	Other
WeightMultiplier		decimal(10,2)		
ProNestDesignation		varchar(255)		

LaborRates

Field	Description	Type	Default	Other
LaborRateID		decimal(18,9)		PK
Description		varchar(1024)		
LaborRateCurrencyID		decimal(18,9)		
LaborRate		decimal(10,2)		
SpecialMeaning		varchar(255)		
CostCodeID		decimal(18,9)		
CostTypeID		decimal(18,9)		

LaborGroups

Field	Description	Type	Default	Other
LaborGroupID		decimal(18,9)		PK
Number		decimal(18,9)		
Description		varchar(1024)		
LaborRateID		decimal(18,9)		FK
Activity		varchar(255)		

Estimates

Field	Description	Type	Default	Other
EstimateID		decimal(18,9)		PK
Estimator		varchar(255)		
BidDate		date		
JobNumber		varchar(255)		
JobName		varchar(255)		
Location		varchar(255)		
JobStatusID		decimal(18,9)		
Other1		varchar(255)		
Other2		varchar(255)		
DistanceToJob		decimal(10,2)		
ShopDrawingCostCurrencyID		decimal(18,9)		
ShopDrawingCost		decimal(10,2)		
ShopDrawingHours		decimal(10,2)		
ShopEfficiency		decimal(10,2)		

Field	Description	Type	Default	Other
ShopSetupID		decimal(10,2)		
AnglePricingTypeID		decimal(10,2)		
BeamPricingTypeID		decimal(10,2)		
PlatePricingTypeID		decimal(10,2)		
RodPricingTypeID		decimal(10,2)		
TubePricingTypeID		decimal(10,2)		
OtherMaterialPricingTypeID		decimal(10,2)		
PricingCombinationRunID		decimal(10,2)		
LaborArchiveDateTime		date		
LaborArchiveID		decimal(18,9)		
HistoricPricingDateTime		date		
CleaningTypeID		decimal(10,2)		
GalvanizingCostPerKilogramCurrencyID		decimal(18,9)		
GalvanizingCostPerKilogram		decimal(10,2)		
GalvanizingMinimumCostCurrencyID		decimal(18,9)		
GalvanizingMinimumCost		decimal(10,2)		
GalvanizingTruckWeight		decimal(10,2)		
GalvanizingFreightCostCurrency		decimal(18,9)		
GalvanizingFreightCost		decimal(10,2)		
GalvanizingLaborCostCurrency		decimal(18,9)		
GalvanizingLaborCost		decimal(10,2)		
GalvanizingWeightPercent		decimal(5,2)		
LengthInputTypeIDImperial		decimal(18,9)		
ThicknessInputTypeIDImperial		decimal(18,9)		
DefaultFinish		varchar(255)		
DefaultPaintSystemID		decimal(18,9)		
DefaultCleanSystemID		decimal(18,9)		
ItemIncrement		decimal(18,9)		
InputDisplayUnitsSize		varchar(50)		
InputDisplayUnitsLength		varchar(50)		
InputDisplayUnitsWeight		varchar(50)		
InputDisplayUnitsPrice		varchar(50)		
AutoClipAngles		varchar(50)		
UseGradeSubstitutions		varchar(50)		
ApplyKerfMult		varchar(50)		
ApplyKerfNest		varchar(50)		
CombiningRotatePlates		varchar(50)		

Field	Description	Type	Default	Other
CombiningAllowSplitTees		varchar(50)		
NestingShearCut		varchar(50)		
GroupName		varchar(50)		
GroupName2		varchar(50)		
ClientFirmID		decimal(18,9)		
ClientShipToFirmAddressID		varchar(50)		
ClientBillToFirmAddressID		varchar(50)		
ClientFirmContactID		decimal(18,9)		
ProjectID		decimal(18,9)		
ExternalProjectID		decimal(18,9)		
ERPJobNumber		decimal(18,9)		
NumberOfItems		decimal(18,9)		
TotalQuantity		decimal(18,9)		
TotalLength		decimal(25,15)		
TotalWeight		decimal(25,15)		
TotalSurfaceArea		decimal(25,15)		
TotalManHours		decimal(25,15)		
UpdateCount		decimal(18,9)		
ProductionCodeUpdateCount		decimal(18,9)		
Recalculate		decimal(18,9)		
RecalculateProductionCodeSu		decimal(18,9)		
RecalculateEstimateSummary		decimal(18,9)		
EstimateSummaryUpdateCoun		decimal(18,9)		

EstimateItems

Field	Description	Type	Default	Other
EstimateItemID		decimal(18,9)		PK
EstimateID		decimal(18,9)		FK
ItemID		decimal(18,9)		
Page		varchar(255)		
AccessoryItemID		decimal(18,9)		
PartNumber		varchar(255)		
DimensionString		varchar(255)		
DimensionStringMetric		varchar(255)		
ManHours		decimal(25,15)		
CalculatedManHours		decimal(25,15)		
ManualOverrideSum		decimal(10,2)		

Field	Description	Type	Default	Other
CalculatedHash		varchar(255)		
Weight		decimal(25,15)		
WeightItem		decimal(25,15)		
WeightWeld		decimal(25,15)		
SurfaceArea		decimal(25,15)		
Perimeter		decimal(25,15)		
MaterialCostPricingTypeID		decimal(25,15)		
MaterialCostCurrencyID		decimal(25,15)		
MaterialUnitCost		decimal(25,15)		
MaterialCost		decimal(25,15)		
MaterialDropCost		decimal(25,15)		
MaterialDropWeight		decimal(25,15)		
MaterialCostUnits		decimal(25,15)		
MaterialCostDate		date		
ShopBolts		decimal(25,15)		
FieldBolts		decimal(25,15)		
Quantity		decimal(25,15)		
ShapeID		decimal(25,15)		FK
SizeID		decimal(25,15)		FK
DimDepth		decimal(25,15)		
DimWidth		decimal(25,15)		
DimWeight		decimal(25,15)		
DimThickness		decimal(25,15)		
DimGage		decimal(25,15)		
DimDiameter		decimal(25,15)		
DimComment		varchar(1024)		
Length		decimal(25,15)		
GradeID		decimal(25,15)		FK
Camber		decimal(25,15)		
EstimateExtraString		varchar(1024)		
LaborCodeID		decimal(25,15)		
Copes		decimal(25,15)		
Holes		decimal(25,15)		
HolesWithoutBolts		decimal(25,15)		
Stiffeners		decimal(25,15)		
TopFlangeHoles		decimal(25,15)		
WebHoles		decimal(25,15)		

Field	Description	Type	Default	Other
BottomFlangeHoles		decimal(25,15)		
WeldedStuds		decimal(25,15)		
ManHoursPerPiece		decimal(25,15)		
CostPerPieceCurrencyID		decimal(25,15)		
CostPerPiece		decimal(25,15)		
ManualUnitCostCurrencyID		decimal(25,15)		
ManualUnitCost		decimal(25,15)		
ManualCost		decimal(25,15)		
ManualEstimateCostUnitID		decimal(25,15)		
Finish		varchar(255)		
PaintSystemID		decimal(25,15)		
CleanSystemID		decimal(25,15)		
CategoryID		decimal(25,15)		
SubCategoryID		decimal(25,15)		
Sequence		decimal(25,15)		
MainPiece		decimal(25,15)		
DetailingHours		decimal(25,15)		
DetailingCostCurrencyID		decimal(25,15)		
DetailingCost		decimal(25,15)		
ErectHours		decimal(25,15)		
ErectCostCurrencyID		decimal(25,15)		
ErectCost		decimal(25,15)		
Comment		varchar(1024)		
ProductionCodeID		decimal(25,15)		
EstimateStatusID		decimal(25,15)		
CostCodeID		decimal(25,15)		
CostTypeID		decimal(25,15)		
Recalculate		decimal(25,15)		
ReloadStandardClips		decimal(25,15)		

EstimateItemLabor

Field	Description	Type	Default	Other
EstimateItemID		decimal(10,2)		FK
LaborGroupID		decimal(10,2)		FK
ManHours		decimal(10,2)		
CalculatedManHours		decimal(10,2)		