



HANGER ID SCRIPT

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Wed, Sep 10, 2025 at 2:56 PM

\$StrutLength = ((((\$eVolveElement.LookupParameter("Overall\_Trapeze\_Width").AsDouble()\*12).ToString())

\$RodLength1 = ((((\$eVolveElement.LookupParameter("Trapeze\_Rod\_Length\_1").AsDouble()\*12).ToString())

\$RodLength3 = ((((\$eVolveElement.LookupParameter("Trapeze\_Rod\_Length\_3").AsDouble()\*12).ToString())

switch (\$eVolveFromParameter)

{

    "1-Tier Trapeze" { \$TierType = "1T" }

    "2-Tier Trapeze" { \$TierType = "2T" }

    "3-Tier Trapeze" { \$TierType = "3T" }

    "4-Tier Trapeze" { \$TierType = "4T" }

    default { \$TierType = "?" }

}

switch (\$eVolveElement.LookupParameter("T1\_Strut\_Type").AsString())

{

    "7/8" { \$StrutType1 = "A" }

    "1-5/8" { \$StrutType1 = "B" }

    "7/8 B2B" { \$StrutType1 = "C" }

    "1-5/8 B2B" { \$StrutType1 = "D" }

    default { \$StrutType1 = "?" }

}

switch (\$eVolveElement.LookupParameter("T2\_Strut\_Type").AsString())

{

    "7/8" { \$StrutType2 = "A" }

    "1-5/8" { \$StrutType2 = "B" }

    "7/8 B2B" { \$StrutType2 = "C" }

    "1-5/8 B2B" { \$StrutType2 = "D" }

    default { \$StrutType2 = "?" }

}

switch (\$eVolveElement.LookupParameter("T3\_Strut\_Type").AsString())

{

    "7/8" { \$StrutType3 = "A" }

    "1-5/8" { \$StrutType3 = "B" }

    "7/8 B2B" { \$StrutType3 = "C" }

    "1-5/8 B2B" { \$StrutType3 = "D" }

    default { \$StrutType3 = "?" }

}

switch (\$eVolveElement.LookupParameter("T4\_Strut\_Type").AsString())

{

    "7/8" { \$StrutType4 = "A" }

    "1-5/8" { \$StrutType4 = "B" }

    "7/8 B2B" { \$StrutType4 = "C" }

    "1-5/8 B2B" { \$StrutType4 = "D" }

    default { \$StrutType4 = "?" }

}

switch (\$eVolveElement.LookupParameter("eVolve\_Hardware\_Size").AsString())

{

    "3/8in Hardware" { \$Hardware = "3/8" }

    "1/2in Hardware" { \$Hardware = "1/2" }

}

Return "\$TierType-\$StrutType1\$StrutType2\$StrutType3\$StrutType4-\$StrutLength-\$Hardware-\$RodLength1-\$RodLength3"