

???????

- [Ansys Mechanical](#)

- Connections Contacts
 Bonded
 image
- :
<https://www.youtube.com/watch?v=ov7PAEwFZm8>
 image

<input type="checkbox"/>	<input type="checkbox"/> (<input type="checkbox"/>)	<input type="checkbox"/> (<input type="checkbox"/>)
Bonded	<input type="checkbox"/>	<input type="checkbox"/>
No Speration	<input type="checkbox"/> (<input type="checkbox"/>)	<input type="checkbox"/>
Frictionless	<input type="checkbox"/> (<input type="checkbox"/>)	<input type="checkbox"/>
Rough	<input type="checkbox"/>	<input type="checkbox"/>
Frictional	<input type="checkbox"/> (<input type="checkbox"/> μ)	<input type="checkbox"/>

- Contacts
 :arrow_right:Create Automatic Connections

“ [!Tip] Delete Children Contacts

image

????????

- Mesh image
 Mesh Physics Preference
 Mechanical image
- Element Size Element
 1/10 1/50
- Element Order Node Node image

image

- Sizing
 - Adaptive Sizing
 - Resolution
 - Defeaturing Geometry Defeature Size
 - Defeature Size 2mm 2mm

- Transition
- Span Angle Center
- Slow
- Coarse

“ [!Tip]

- image
- Metric Graph image
 - ()
 - - :arrow_right: ()
 - 1mm):arrow_right: :arrow_right: :arrow_right:
 - ():arrow_right: (0.5mm)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skewness (<input type="checkbox"/>)	<input type="checkbox"/> (<input type="checkbox"/>)	0 (<input type="checkbox"/>) <input type="checkbox"/> 1 (<input type="checkbox"/>)	<input type="checkbox"/> : < 0.25 <input type="checkbox"/> : < 0.95 (<input type="checkbox"/> 0.98 <input type="checkbox"/>)
Orthogonal Quality (<input type="checkbox"/>)	<input type="checkbox"/> (CFD)	1 (<input type="checkbox"/>) <input type="checkbox"/> 0 (<input type="checkbox"/>)	<input type="checkbox"/> : > 0.7 <input type="checkbox"/> : > 0.1
Aspect Ratio (<input type="checkbox"/>)	<input type="checkbox"/> & <input type="checkbox"/>	1 (<input type="checkbox"/>) <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> < 5
Jacobian Ratio (<input type="checkbox"/>)	<input type="checkbox"/> (FEA)	1 (<input type="checkbox"/>) <input type="checkbox"/>	<input type="checkbox"/> 1.0 <input type="checkbox"/> 10 <input type="checkbox"/>
Element Quality (<input type="checkbox"/>)	<input type="checkbox"/>	0 (<input type="checkbox"/>) <input type="checkbox"/> 1 (<input type="checkbox"/>)	<input type="checkbox"/> <input type="checkbox"/> > 0.7

???????????

80%

- Static Structural image
- Youtube Google
- (Supports) —

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Fixed Support	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Displacement	<input type="checkbox"/>	<input type="checkbox"/> X, Y, Z <input type="checkbox"/> 0 <input type="checkbox"/>

Icon	Category	Sub-category	Options
[Icon]	Frictionless	[Icon]	[Options]
[Icon]	Cylindrical	[Icon]	[Options]
[Icon]	Elastic Support	[Icon]	[Options] Stiffness []
[Icon]	Compression Only	[Icon]	[Options]

• [Icon] (Loads) — [Icon]

Icon	Category	Sub-category	Options
[Icon]	Force	[Icon]	[Options]
[Icon]	Pressure	[Icon]	[Options]
[Icon]	Remote Force	[Icon]	[Options]
[Icon]	Bearing Load	[Icon]	[Options] Force []
[Icon]	Moment	[Icon]	[Options] Remote Point []
[Icon]	Bolt Pretension	[Icon] / [Icon]	[Options]

• [Icon] / [Icon] (Body Loads)

Icon	Category	Sub-category	Options
[Icon]	Standard Earth Gravity	[Icon]	[Options]
[Icon]	Rotational Velocity	[Icon]	[Options]
[Icon]	Acceleration	[Icon]	[Options]
[Icon]	Thermal Condition	[Icon] / [Icon]	[Options]

- [Icon] Solve [Icon] image
- [Icon] SSD [Icon] image



