

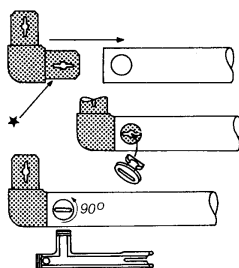


## Play Structure Assembly Instructions

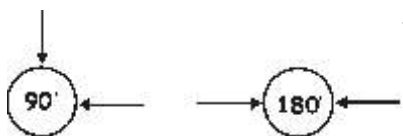
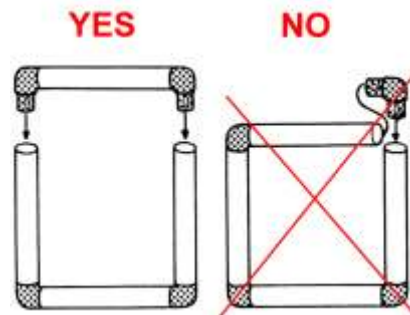
### TUBES - BASIC

#### Tube Assembly

- Think 2-3 steps ahead
- Pre-build sections and install level by level
- Do not force or jam tubes and connectors together
- Do not "spread" sections to insert or change a connector



Locking:  
Ensure that all tubes are properly connected at both ends with the small screw clips (4 colors)



#### Tube Holes

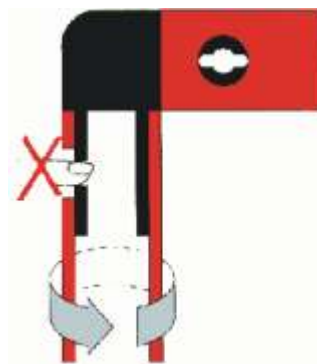
- Basic tube has 2 holes
- For wall construction drill 2 more 180 degree holes
- For corners, drill 2 more 90 degree holes
- Use "Hole Template" with 20mm Forstner bit

#### Note:

For all Phunzone designed kits, the extra tube holes have already been drilled and are included on the "Special Parts Inventory" list

#### Open Holes

- There should be no open holes left after construction
- This is to prevent kids from sticking in their fingers or other objects
- Do not leave any open ended tubes - close off with tube cap
- Do not leave open-ended connectors



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## SPECIAL CONNECTORS



45 Degree - primarily for A-frame roof tops.



1-hole coupling  
- for up to 360 degree rotation.  
- small arm fits "into" any standard tube  
- flexi-bolt goes through large hole to connect tubes



Flexi-Bolt  
- works with 1-hole coupling and flexible connector  
- fits inside standard tubes



Flexible Coupling  
- for a variety of hinge actions  
- 2 double interconnecting rings  
- flexi-bolt goes through the rings  
- large end same diameter as standard tube



Steering Joint  
- acts as a 360 degree pivot  
- standard tube fits through large hole  
- standard connector end fits into small arm  
- used for steering shafts  
- not the same as the 1-hole coupling



Double Tube Connector  
- has closed loops in figure "8" shape  
- used to connect two parallel tubes or systems  
- for "semi-permanent" arrangement

Tube Clamp  
- has open loops  
- used to connect two parallel tubes or systems  
- for "temporary" arrangement

