

# Euro Taper Ties

## 15mm and 20mm Euro thread ties for faster gangform assembly and stripping

Euro Taper Ties are used in forming situations where the ties are completely removed after the concrete has cured. Commonly used with European-style gangform systems, Euro Taper Ties enable contractors to efficiently assemble and strip formwork. Applying waterproof grease evenly on each Euro Taper Tie prior to concrete placement facilitates removal.

Euro Taper Ties have flats at the larger end, allowing the tie to be turned with a wrench during stripping. A hammer is used to strike the tie on the smaller end for removal from the gangform and wall.



*The Euro Taper Tie, two Flat Washers and two Wing Nuts provide a removable and reusable gangform tie system.*

15mm Euro Taper Ties			
Part Number	Description	Taper Dimension	SWL*
ETT30587815MM	15mm Taper Tie 30" 5/8:7/8	5/8" to 7/8"	18,750 lbs
ETT38587815MM	15mm Taper Tie 38" 5/8:7/8	5/8" to 7/8"	18,750 lbs
ETT42587815MM	15mm Taper Tie 42" 5/8:7/8	5/8" to 7/8"	18,750 lbs
ETT3658115MM	15mm Taper Tie 36" 5/8:1	5/8" to 1"	18,750 lbs
ETT4258115MM	15mm Taper Tie 42" 5/8:1	5/8" to 1"	18,750 lbs
ETT4858115MM	15mm Taper Tie 48" 5/8:1	5/8" to 1"	18,750 lbs
ETT5458115MM	15mm Taper Tie 54" 5/8:1	5/8" to 1"	18,750 lbs
ETT6058115MM	15mm Taper Tie 60" 5/8:1	5/8" to 1"	18,750 lbs
ETT6658115MM	15mm Taper Tie 66" 5/8:1	5/8" to 1"	18,750 lbs

\* Other sizes available on request.

\*\* Safe working load (tension) at safety factor of 2:1.

### 20mm Euro Taper Ties

Part Number	Description	Taper Dimension	SWL*
ETT4278120MM	20mm Taper Tie 42" 7/8:1	7/8" to 1"	32,500 lbs
ETT4878120MM	20mm Taper Tie 48" 7/8:1	7/8" to 1"	32,500 lbs
ETT5478120MM	20mm Taper Tie 54" 7/8:1	7/8" to 1"	32,500 lbs
ETT6078120MM	20mm Taper Tie 60" 7/8:1	7/8" to 1"	32,500 lbs
ETT427811420MM	20mm Taper Tie 42" 7/8:1-1/4	7/8" to 1-1/4"	32,500 lbs
ETT487811420MM	20mm Taper Tie 48" 7/8:1-1/4	7/8" to 1-1/4"	32,500 lbs
ETT547811420MM	20mm Taper Tie 54" 7/8:1-1/4	7/8" to 1-1/4"	32,500 lbs
ETT607811420MM	20mm Taper Tie 60" 7/8:1-1/4	7/8" to 1-1/4"	32,500 lbs

\* Other sizes available on request.

\*\* Safe working load (tension) at safety factor of 2:1.

### Wing Nuts

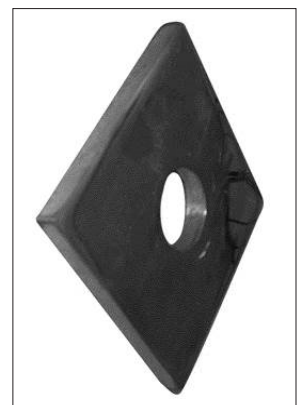
Part No.	Description
WN58	15mm Wing Nut
WN58P	15mm Wing Nut Washer
WN58SP	15mm Wing Nut with Swivel Plate
WN78	20mm Wing Nut
WN78P	20mm Wing Nut Washer
WN78SP	20mm Wing Nut with Swivel Plate



### Flat Washers\*

Part No.	Description	Dimensions
FW12551116	Flat Washer 1/2" Plate	5" x 5" with 1-1/16" Hole
FW12551516	Flat Washer 1/2" Plate	5" x 5" with 1-5/16" Hole

\* Other sizes available on request.



**Installation:**

1. Slide the proper size flat washer and thread a wing nut on to the coil thread of the larger side on each Euro Taper Tie.
2. Apply waterproof grease that is not affected by the chemicals in concrete onto the tapered surface of each tie.
3. Align forms and insert a Euro Taper Tie through the waler on the back, then guide it through the face, rebar and opposite gang.
4. Slide a flat washer on the open side of the Euro Taper Tie and thread a wing nut, adjusting it as needed until the forms are set in position.
5. Once the concrete has been placed and cured, remove the wing nut and flat washer from the smaller end of the Euro Taper Tie.
6. Use a hammer to strike the Euro Taper Tie on the smaller end to remove it from the gangforms and wall.

Taper Tie Thread Dimensions			
Large End		Small End	
Thread Diameter	Thread Length	Thread Diameter	Thread Length
15 mm	12"	15 mm	12"
15 mm	12"	15 mm	12"
20 mm	12"	20 mm	12"
20 mm	12"	20 mm	12"