

## WHEELS

### Tubeless Wheel



TRT Part No	Wheel Size	Offset	Bore	Stud	PCD
JS176766	17.5x6.75"	145mm	176mm	10 ISO	225mm
JS176768	17.5x6.75"	"	"	8 ISO	275mm
JS197577	19.5x7.50	151mm	221mm	10 ISO	225mm
JS197581	19.5x7.50	151mm	221mm	8 ISO	275mm
JS228282	22.5x8.25"	165mm	281mm	10 ISO	335mm
JS228287	22.5x8.25"	165mm	281mm	10 DCN	285mm
JS228283	22.5x8.25"	165mm	281mm	10 ENG	335mm

### Double Cap and English Stud Hole



Countersunk Hole  
 US / Jap DCN Hole ID 32.2- 37mm 18deg Taper  
 DIN DCN Hole ID 27- 32 mm 18deg Taper  
 English Hole ID 25.4- 31.5mm 40deg Taper

### ISO Stud Hole



No Countersink ( Square )  
 ISO Hole ID 26mm



English Wheel Nut  
 80 deg Cone 7/8 BSF 11 TPI Thread  
 1-1/4" AFAcross Flats (32mm)  
 Also comes as flat nut for back up

### Wheel Stud Back Nut Style



### Wheel Stud Head Style

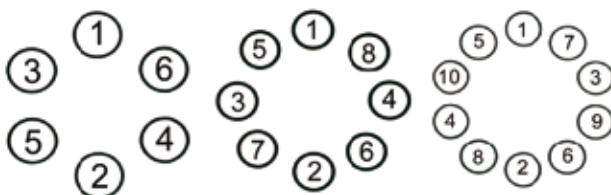


Stud Dimensions	
A	Thread Diameter
B	Thread Length
C	Thread Diameter
D	Thread Length
E	Shoulder Length Diameter
F	Flange Length Diameter Slotted for pin?
G	Shoulder Length
H	Header Diameter Length Round Clipped
I	Knurled Length Diameter

ISO Flange Head Wheel Nut  
 Swivel Flange Face  
 M22 x 1.5 thread  
 33mm AF  
 31mm High



### Tightening Sequence 6 8 10 Hole



### Correct Tightening is Important

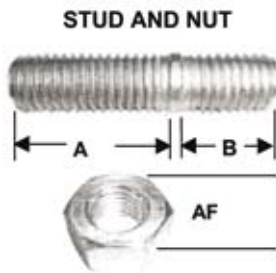
Incorrect tightening technique is dangerous and can lead to stud and/or wheel failure. Tighten gradually and evenly following a sequence as set out by the manufacturer or as shown at left.

**DO NOT USE IMPACT OR RATTLE GUN**  
 (unless fitted with preset torque cut out)

# TRAILER AXLE

## RIMS

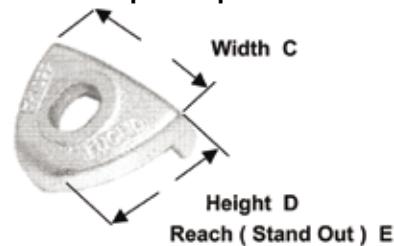
### Stud and Nut



Part No	5/8" 11 TPI	
Stud AM5261	A	2-3/4"
Overall 2-3/4"	B	7/8"
Nut AM5262	AF	1-1/16"
3/4" 10 TPI		
Stud AM5259	A	1-15/16"
Overall 3-1/8"	B	1"
Nut AM5260	AF	1-1/4"

### CLAMPS

For 22.5" 5 - 6 Spoke Spider



For 15-17.5" Webb 3 Spoked Spider



Part No	C	D	E
AM09-006123	2-7/8"	2-1/2"	1-1/8"
AMR708	2-7/8"	2-1/2"	1-1/2"
WB3314	7-3/4"	1-13/16"	1-1/4"
WB3319	7-3/4"	1-13/16"	1-5/8"

### Demountable Rim



TRT Part No	Rim Size	Offset	Weight
JS31868	17.5x6.75"	100mm	21.5Kg
RK18316	22.5x8.25"	112mm	30Kg
	22.5x8.25"	121mm	31Kg
RK32052	22.5x9.00"	102mm	

### Rim and Wheel Terminology

- Wheel Diameter always matches Tyre Diameter so an 22.5" Tyre will only fit a 22.5" Rim or Wheel.
- Rim Width eg 8.25" = the distance between the flanges.
- The Flange is the collar that the Tyre bead locates against, on Tube type rims and wheels one flange is removable to aid Tyre fitting.
- Number of Bolt holes in the wheel.
- PCD (Pitch or Bolt Circle Diameter).
- Dish or Offset of the wheel. This dimension is the distance from the centre line of the rim (or tyre) to the outside face of the wheel.
- Wheel Spacing equals 2 times the Dish of the wheel. The spacing is necessary to allow the tyre to flex without trapping debris between the 2 tyres.

