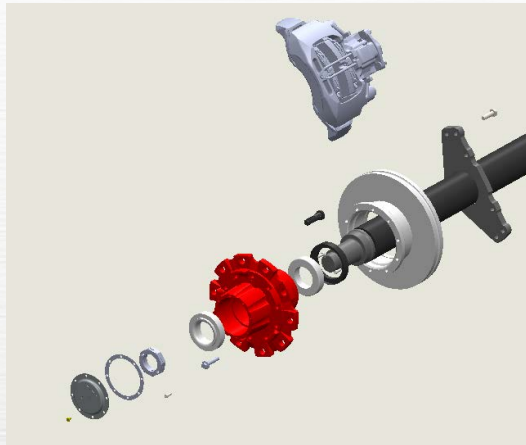




## **Axle Bill Of Materials**

*6000 Series Disc Brake*

*80287 Rev D November 2021*

## 6000 SERIES DISC BRAKE AXLE



**6000 series axle is TUV tested to 10,000Kg, please see website for test report.**

**335mm PCD 10 stud M22 hub and drum. 280.8mm hub pilot.**

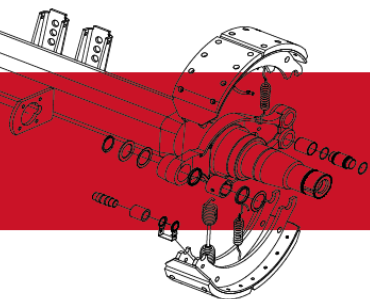
**Available in single and twin wheel stud.**

**Unipac/twin bearing hub**

**8 or 10 Stud**

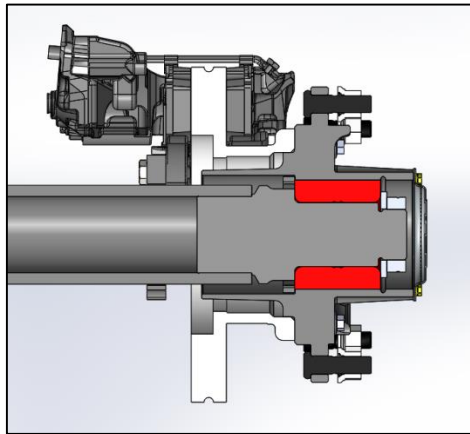
**Service manual available on website**

**Please see following pages for part identification**

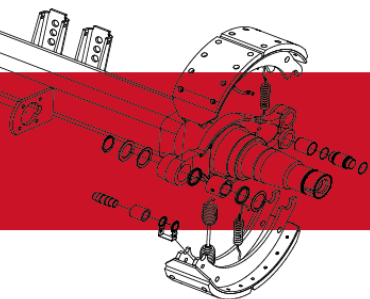
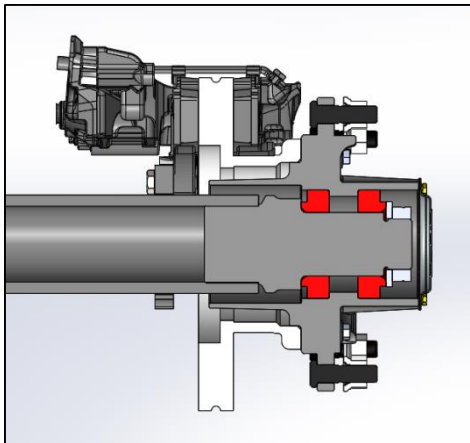




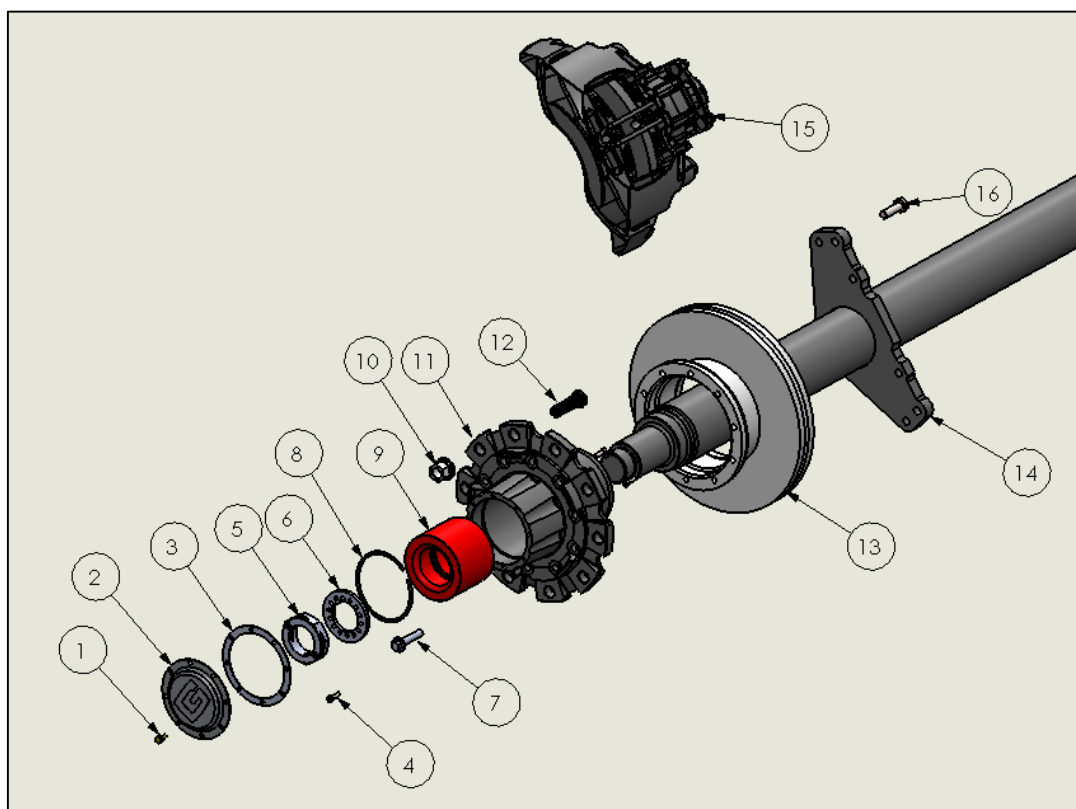
## 61245 UniPac hub (10 Stud) with 61266 UniPac Bearing



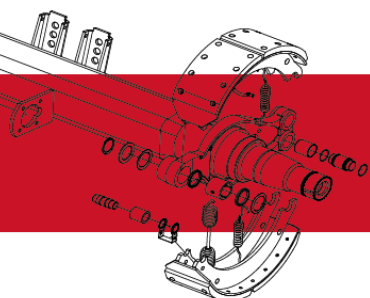
## 61231 Twin bearing hub (10 Stud) with 61296 Twin Bearing



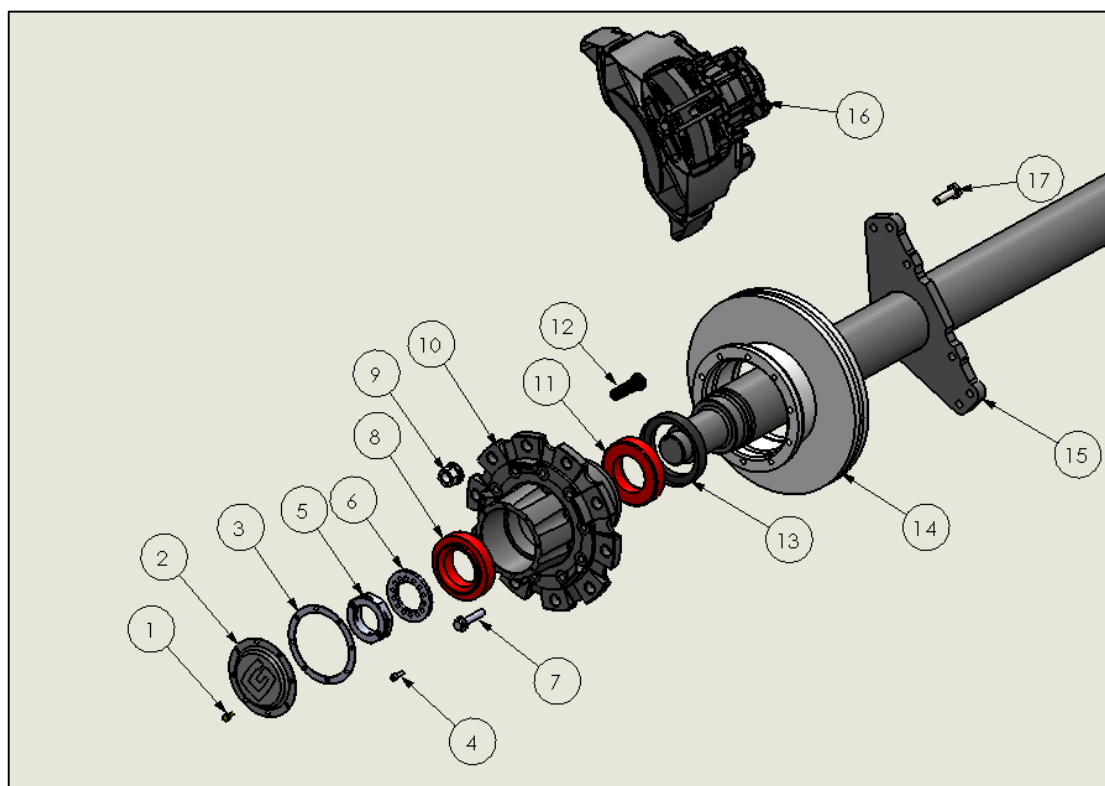
## 61245 UniPac Hub (10 Stud) with 61266 UniPac Bearing



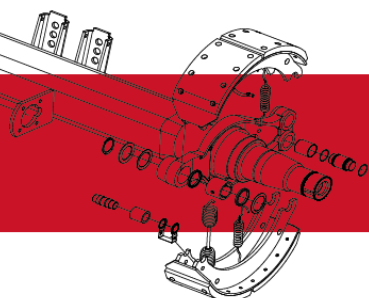
| Item | Description                     | Part No. | QTY per Axle |
|------|---------------------------------|----------|--------------|
| 1    | M8 x16 Fl.Head Screw            | 61358F   | 16           |
| 2    | Disc Brake Hub Cap (8 Hole)     | 61325    | 2            |
| 3    | Hub Cap Gasket (8 Hole)         | 61335    | 2            |
| 4    | Socket Cap Screw M8x25          | 61345    | 4            |
| 5    | Lock Nut                        | 61315    | 2            |
| 6    | Spindle Lock Washer             | 61305    | 2            |
| 7    | M14x70 Bolt                     | 61357    | 20           |
| 8    | Snap Ring                       | 61295    | 2            |
| 9    | UniPac Bearing                  | 61266    | 2            |
| 10   | ISO Wheel Nut M22               | 61381Z   | 20           |
| 11   | UniPac Hub 10 Stud              | 61245    | 2            |
| 12   | ISO Wheel Stud M22 (Single)     | 61355    | 20           |
|      | ISO Wheel Stud M22 (Twin)       | 61375    | 20           |
| 13   | Ø377mm Disc Rotor               | 61247    | 2            |
| 14   | 6000 Torque Plate               | 61026    | 2            |
| 15   | Knorr Bremse Caliper Left/Right | 61246/48 | 1/1          |
|      | WABCO Caliper Left/Right        | 61742/43 | 1/1          |
| 16   | Caliper Bolt M16x55             | 61356    | 12           |



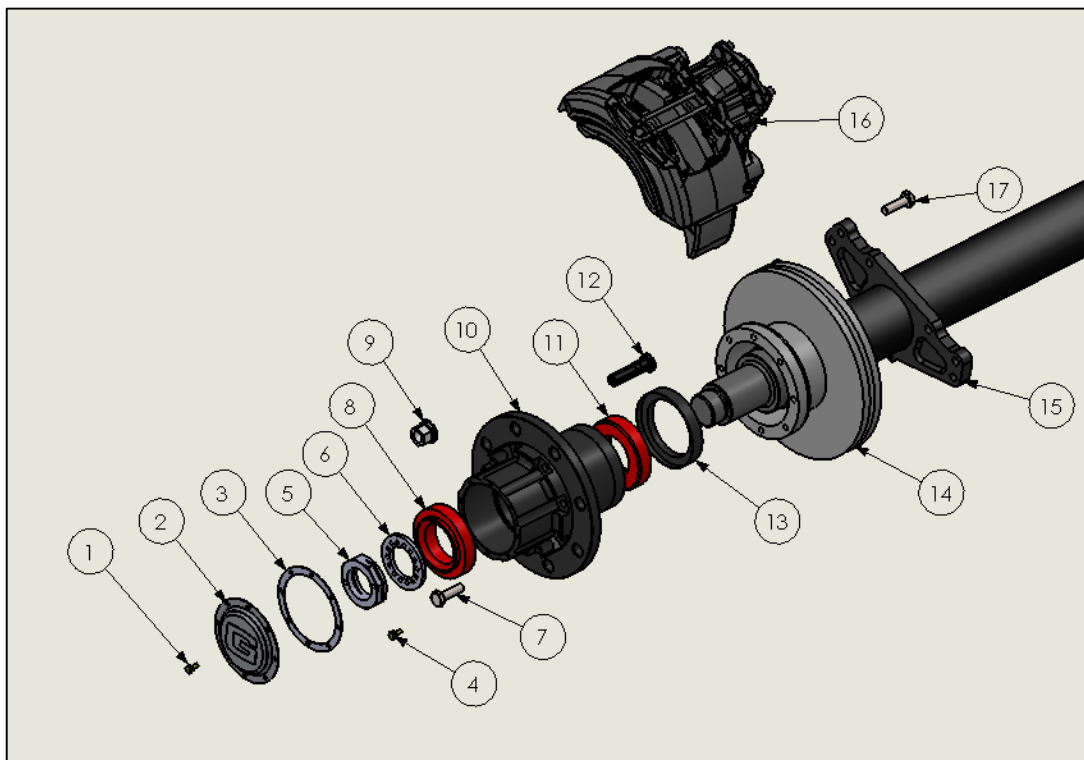
## 61231 Twin Bearing Hub (10 Stud) with 61296 Twin Bearing



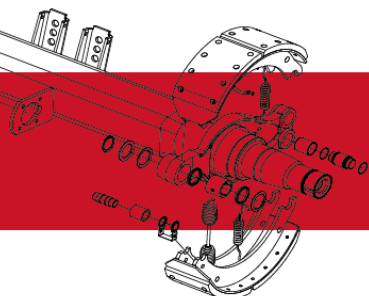
| Item | Description                     | Part No. | QTY per Axle |
|------|---------------------------------|----------|--------------|
| 1    | M8 x16 Fl.Head Screw            | 61358F   | 16           |
| 2    | Disc Brake Hub Cap (8 Hole)     | 61325    | 2            |
| 3    | Hub Cap Gasket (8 Hole)         | 61335    | 2            |
| 4    | Socket Cap Screw M8x25          | 61345    | 4            |
| 5    | Lock Nut                        | 61315    | 2            |
| 6    | Spindle Lock Washer             | 61305    | 2            |
| 7    | M14x70 Bolt                     | 61357    | 20           |
| 8/11 | Twin Bearing                    | 61296    | 4            |
| 9    | ISO Wheel Nut M22               | 61381Z   | 20           |
| 10   | Twin Bearing Hub 10 Stud        | 61231    | 2            |
| 12   | ISO Wheel Stud M22 (Single)     | 61355    | 20           |
|      | ISO Wheel Stud M22 (Twin)       | 61375    | 20           |
| 13   | Oil Seal                        | 54020    | 2            |
| 14   | ø377 Disc Rotor                 | 61247    | 2            |
| 5    | 6000 Torque Plate               | 61026    | 2            |
| 16   | Knorr Bremse Caliper Left/Right | 61246/48 | 1/1          |
|      | WABCO Caliper Left/Right        | 61742/43 | 1/1          |
| 17   | Caliper Bolt M16x55             | 61356    | 12           |



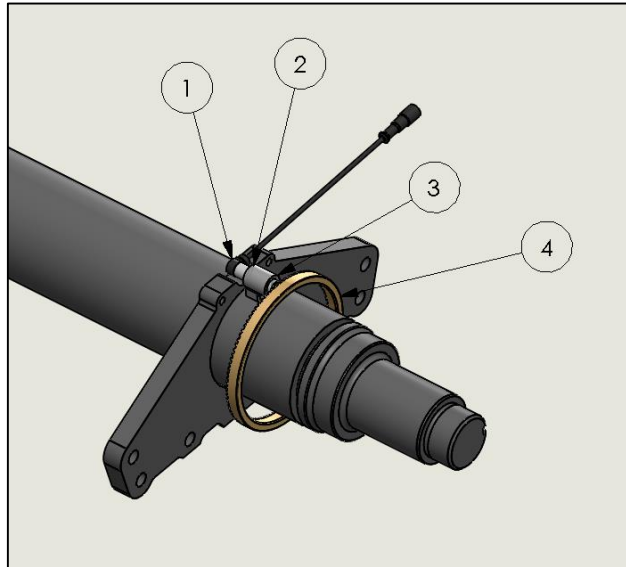
## 61232 Twin Bearing hub (8 Stud) with 61296 Twin Bearing



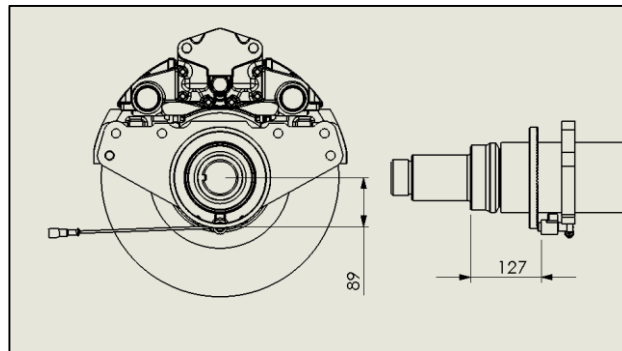
| Item | Description                     | Part No. | QTY per Axle |
|------|---------------------------------|----------|--------------|
| 1    | M8 x16 Fl.Head Screw            | 61358F   | 16           |
| 2    | Disc Brake Hub Cap (8 Hole)     | 61325    | 2            |
| 3    | Hub Cap Gasket (8 Hole)         | 61335    | 2            |
| 4    | Socket Cap Screw M8x25          | 61345    | 4            |
| 5    | Lock Nut                        | 61315    | 2            |
| 6    | Spindle Lock Washer             | 61305    | 2            |
| 7    | M14x70 Bolt – No Flange         | 61378    | 16           |
| 8/11 | Twin Bearing                    | 61296    | 4            |
| 9    | ISO Wheel Nut M22               | 61381Z   | 16           |
| 10   | Twin Bearing Hub 8 Stud         | 61232    | 2            |
| 12   | ISO Wheel Stud M22 (Single)     | 61355    | 16           |
|      | ISO Wheel Stud M22 (Twin)       | 61375    | 16           |
| 13   | Oil Seal                        | 54020    | 2            |
| 14   | Ø377 Disc Rotor                 | 61247    | 2            |
| 5    | 6000 Torque Plate               | 61026    | 2            |
| 16   | Knorr Bremse Caliper Left/Right | 61246/48 | 1/1          |
|      | WABCO Caliper Left/Right        | 61742/43 | 1/1          |
| 17   | Caliper Bolt M16x55             | 61356    | 12           |



## 6000 Series ABS Assembly

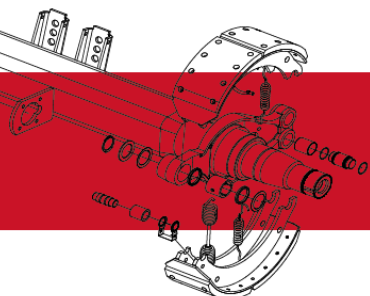


| Item | Description            | Part No. |
|------|------------------------|----------|
| 1    | Pole Wheel (100 tooth) | 61789    |
| 2    | ABS Sensor Block       | 61781    |
| 3    | ABS Sensor Bush        | 61792    |
| 4    | 90° ABS Sensor Lead    | 61790    |

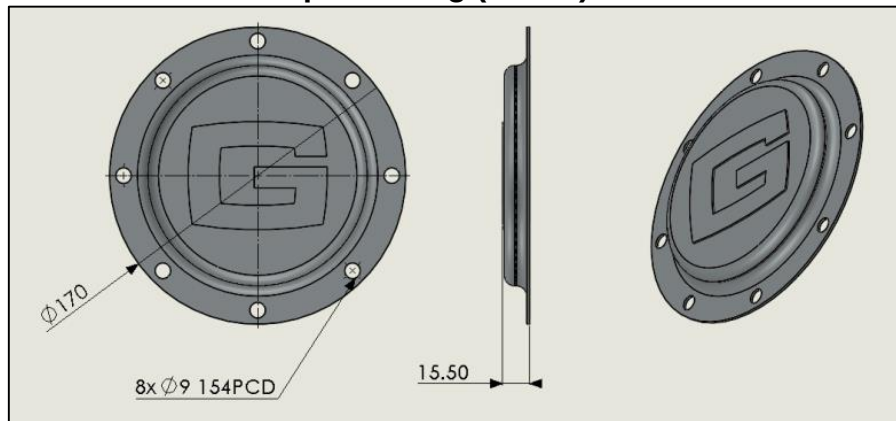


Pole wheel at 178mm PCD

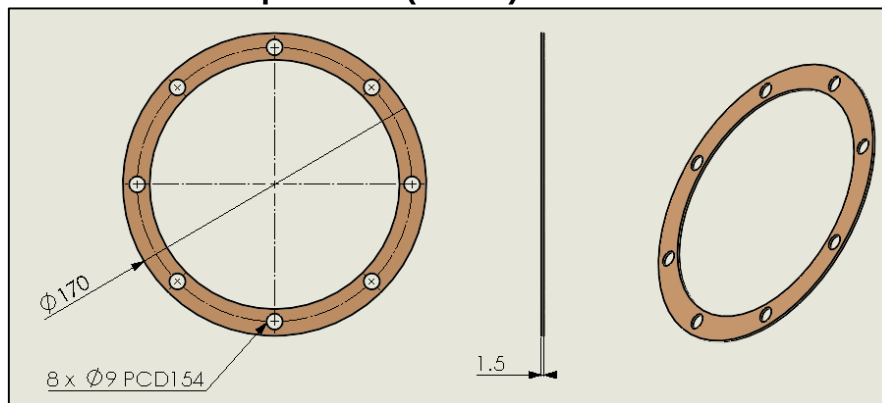
Off set hub with stepped spindle sensor block 23.5mm from large bearing shoulder.  
Twin/Unipac bearing hub with parallel spindle sensor block 127mm from large bearing shoulder.



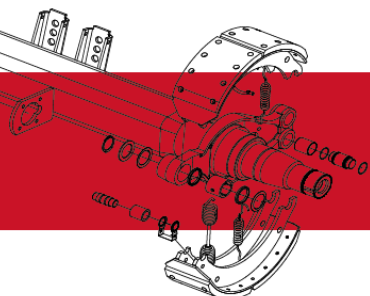
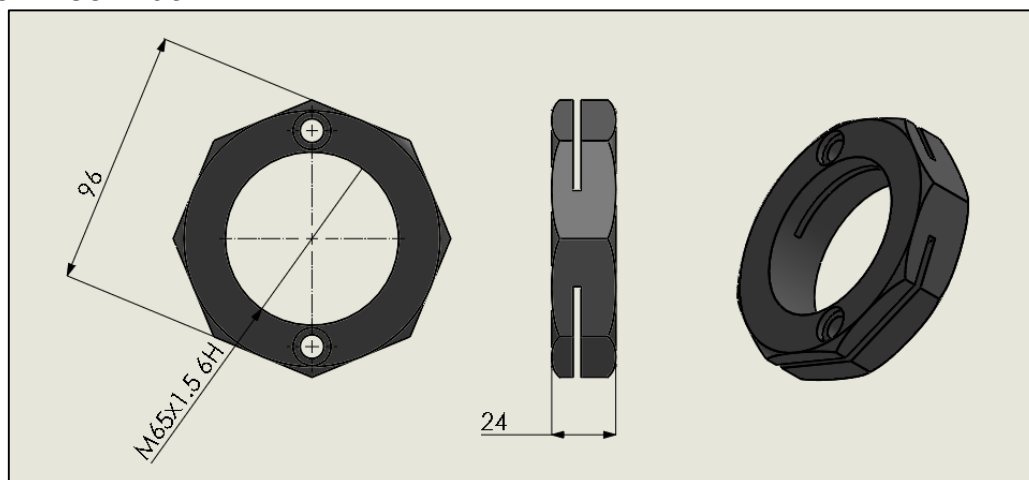
### 61325 – Disc Brake G Hub Cap Pressing (8 hole)



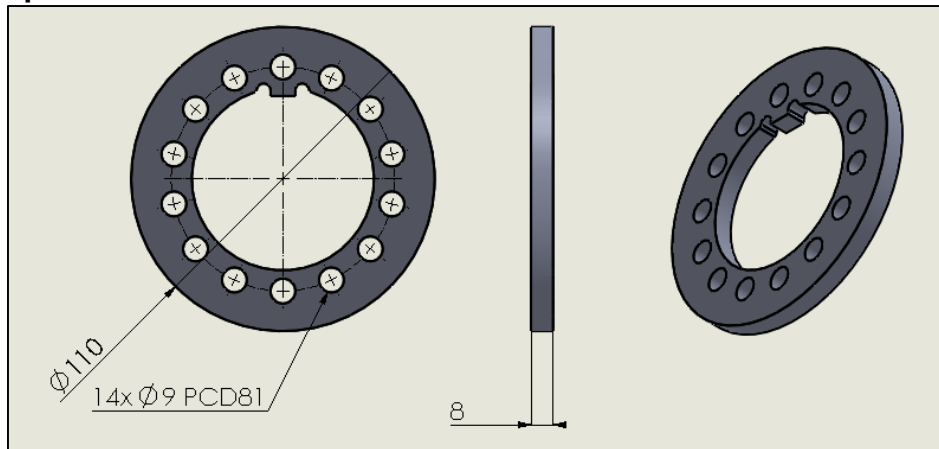
### 61335 – Disc Brake Hub Cap Gasket (8 hole)



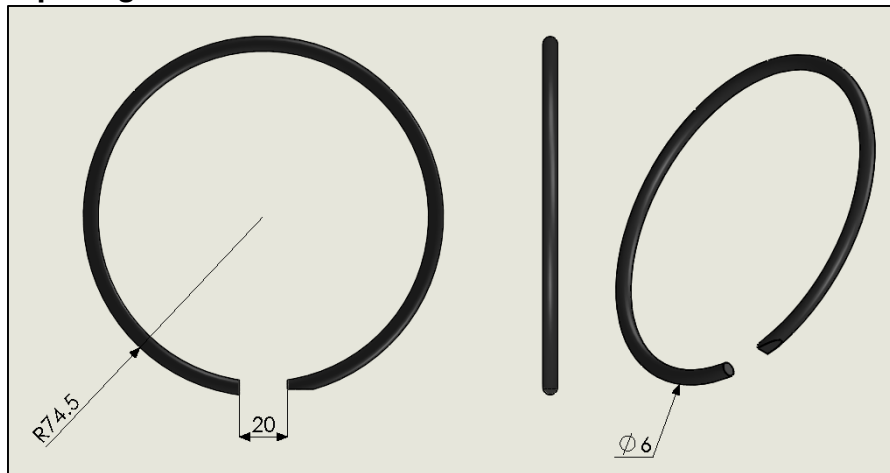
### 61315 – Lock nut



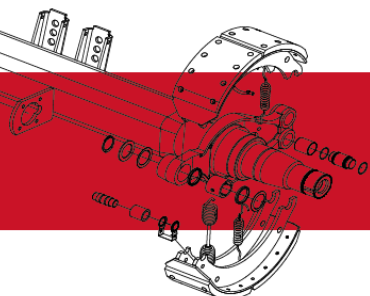
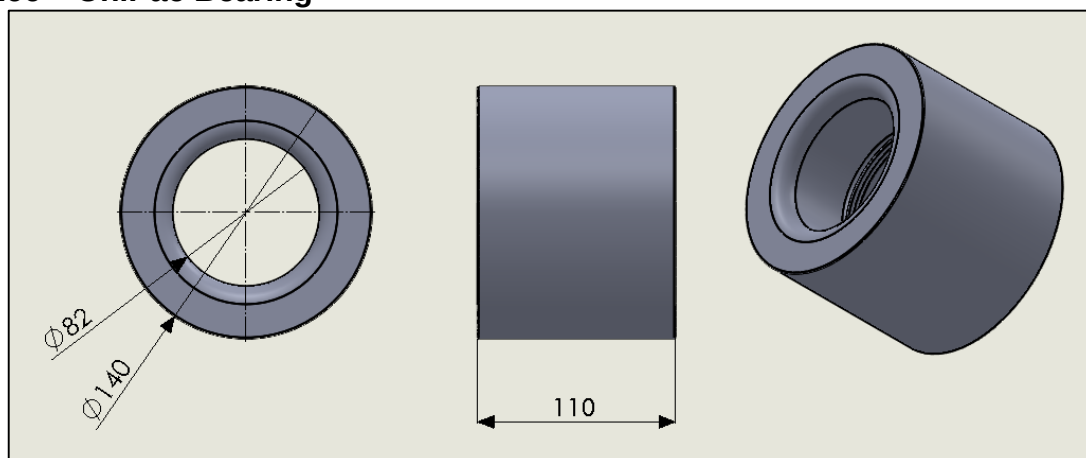
### 61305 – Spindle lock washer



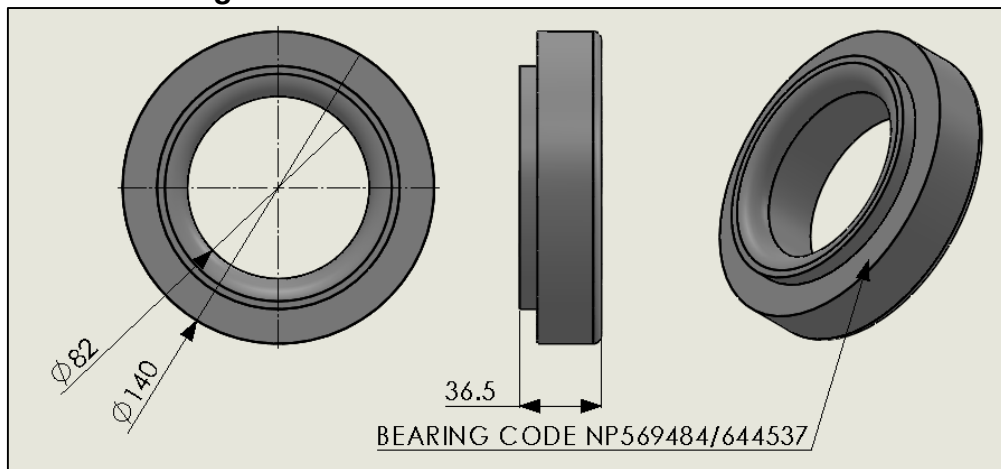
### 61295 – Snap Ring



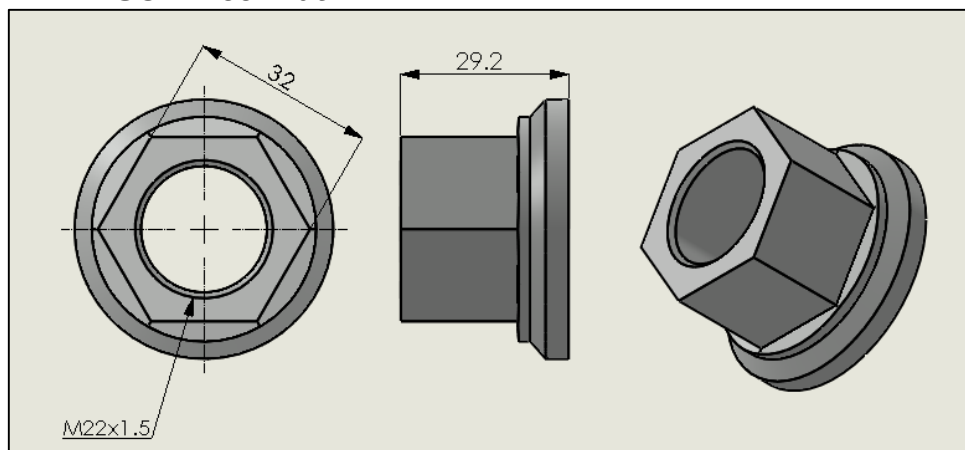
### 61266 – UniPac Bearing



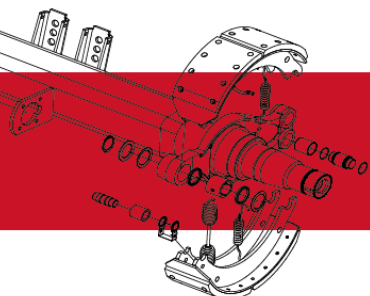
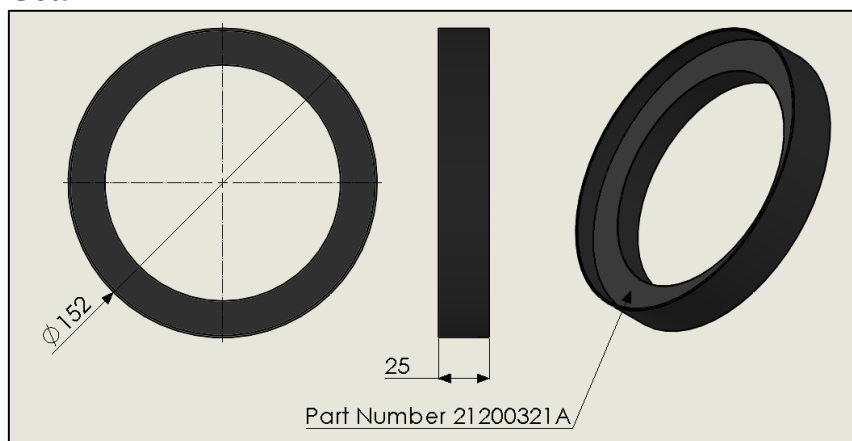
### 61296 – Twin Bearing



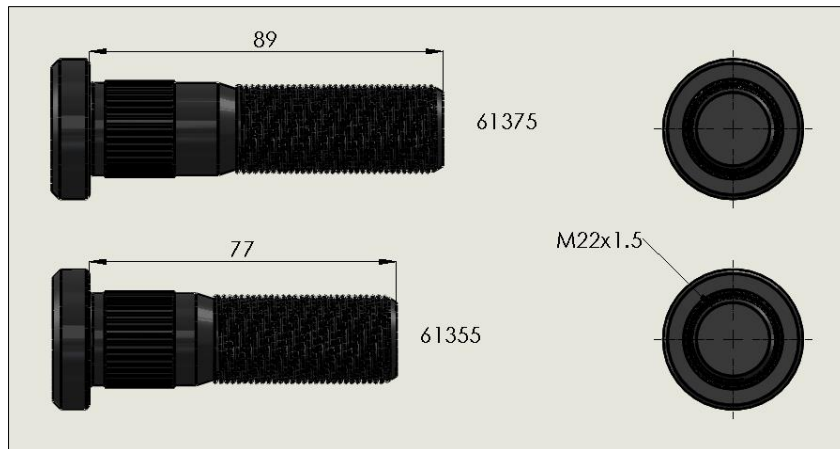
### 61381Z – M22 ISO Wheel Nut



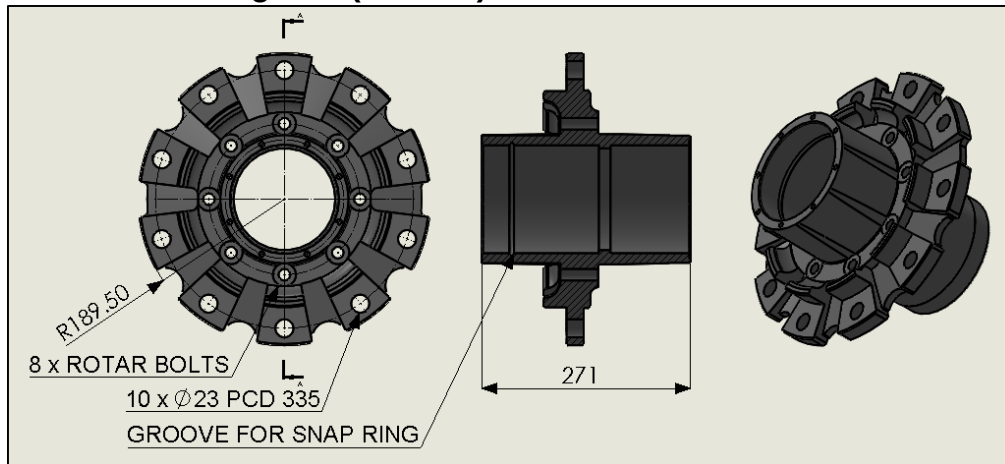
### 54020 – Oil Seal



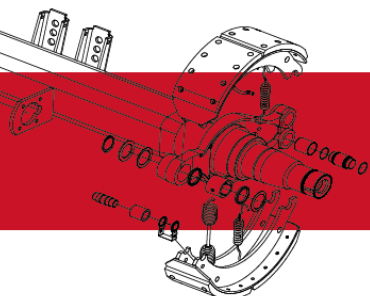
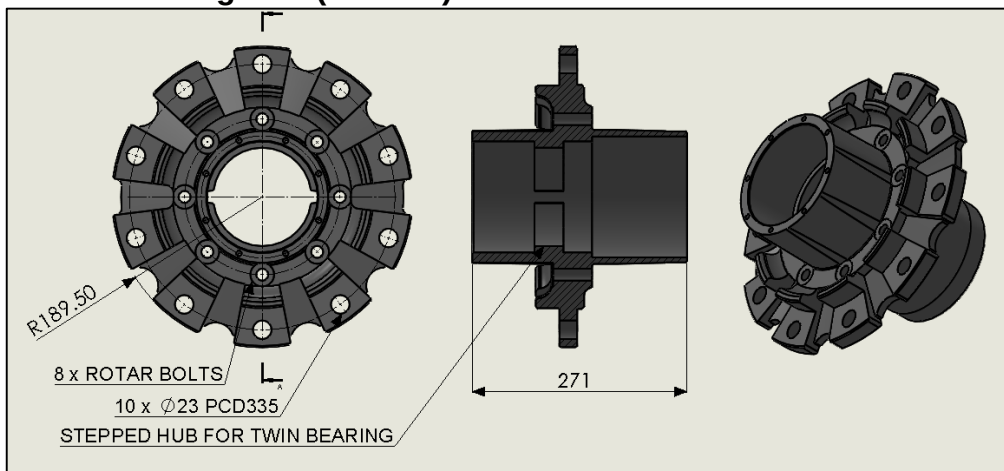
## Wheel Bolt



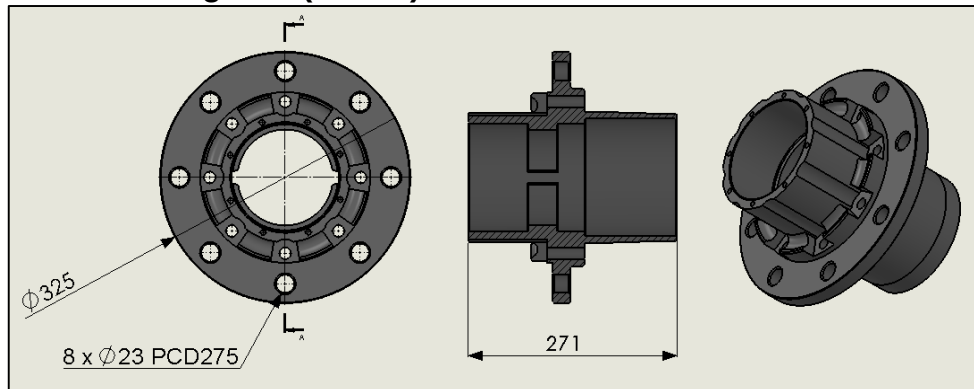
## 61245 – UniPac Bearing Hub (10 Stud)



## 61231 – Twin Bearing Hub (10 Stud)



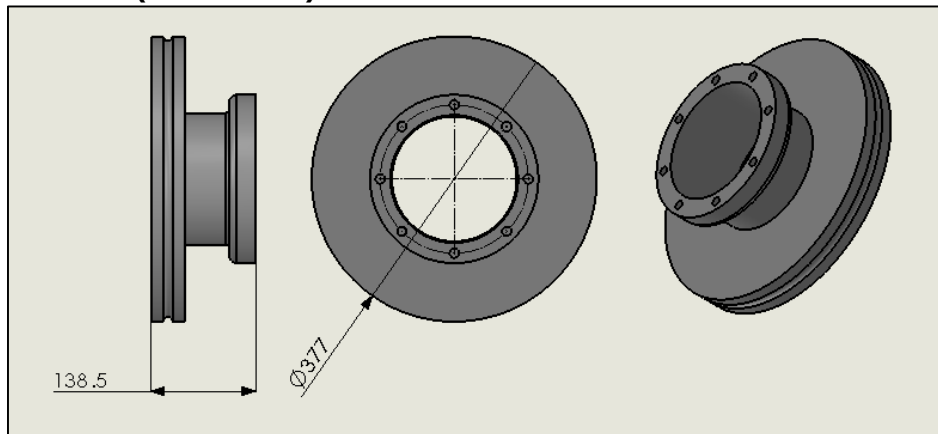
### 61232 – Twin Bearing Hub (8 Stud)



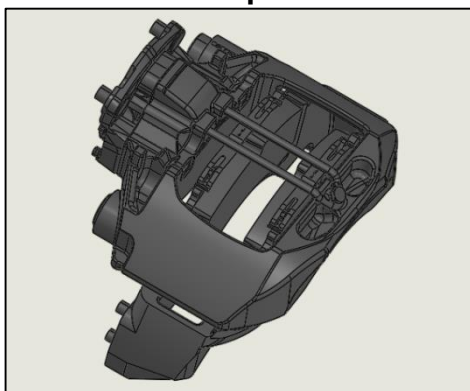
### Ø 377mm Disc Rotor

61247 – Knorr Bremse Disc (II30677)

61744 – WABCO (131 620 58)



### 19.5 Brake Caliper

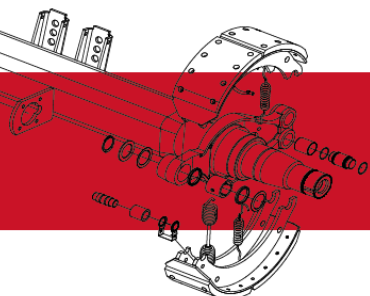


61742 – WABCO Left Hand Caliper  
(401 950 27)

61743 – WABCO Right Hand Caliper  
(401 950 28)

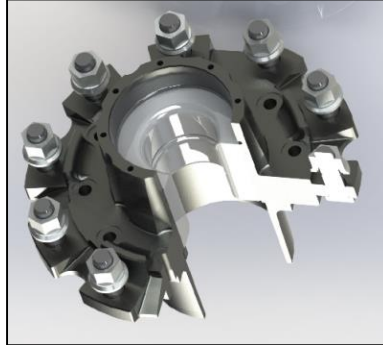
61248 – Knorr Bremse Left Hand Caliper  
(K011339)

61246 – Knorr Bremse Right Hand Caliper  
(K011338)



## Ordering Of Sub-Assemblies

It is possible to order sub-assemblies of parts from Granning rather than ordering individual parts.



### 61245A – Single Wheel Stud Hub (UniPac 10 Stud)

| Part Number | Quantity | Description        |
|-------------|----------|--------------------|
| 61245       | 1        | UniPac Hub         |
| 61266       | 1        | UniPac Bearing     |
| 61295       | 1        | Snap Ring          |
| 61355       | 10       | Single wheel studs |
| 61381Z      | 10       | M22 Wheel Nut      |

### 61232A – Single Wheel Stud Hub (Twin Bearing 8 Stud)

| Part Number | Quantity | Description             |
|-------------|----------|-------------------------|
| 61232       | 1        | Twin Bearing 8 stud Hub |
| 61296       | 2        | Twin Bearing            |
| 54020       | 1        | Oil Seal                |
| 61325       | 1        | Disc brake hub cap      |
| 61335       | 1        | Hub cap gasket          |
| 61358F      | 8        | M8 x16 Fl.Head Screw    |
| 61355       | 8        | M22 Single wheel stud   |
| 61381Z      | 8        | M22 Wheel nut           |

### 6MTGCAP – Single Wheel Stud Hub (Twin Bearing 10 Stud)

| Part Number | Quantity | Description              |
|-------------|----------|--------------------------|
| 61231       | 1        | Twin Bearing 10 stud Hub |
| 61296       | 2        | Twin Bearing             |
| 54020       | 1        | Oil Seal                 |
| 61325       | 1        | Disc brake hub cap       |
| 61335       | 1        | Hub cap gasket           |
| 61358F      | 8        | M8 x16 Fl.Head Screw     |

We reserve the right to make changes to specifications or to make improvements to the products in this catalogue without prior notice. We are not responsible for inaccuracies or omissions.

