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### Agricultural Trailer Hitches

**WARNING:** Please refer to this technical data to ensure you choose the correct hitch to be applied to your trailer design.

**Welding:** When welding a hitch please refer to your welding supplier for correct procedure

**General Note:** In the table below, bend loads are taken 63mm from the centre of the hitch hole

| PART NUMBER<br>(One eye only)             | MATERIAL &<br>TREATMENT                | MAXIMUM<br>BREAKING LOAD | BENDING<br>LOAD |
|-------------------------------------------|----------------------------------------|--------------------------|-----------------|
|                                           |                                        | ← Direction              | ↓ Direction     |
| 10011<br>10012<br>10013<br>10014          | Grade 50B<br>90 x 30mm<br>as Forged    | 24 Tonne                 | 5.75 Tonne      |
| 10020<br>10021<br>10022<br>10023<br>10024 | EN16 Type<br>BS970-605M36<br>as Forged | 35 Tonne                 | 6 Tonne         |
| 10045                                     | Grade 50B<br>90 x 28.5mm<br>as Forged  | 24 Tonne                 | 4 Tonne         |
| 10047                                     | Grade 50B<br>90 x 40mm<br>as Forged    | 80 Tonne                 | 20 Tonne        |
| 10049                                     | BS970-080M40<br>Heat Treated           | 112 Tonne                | 20 Tonne        |
| F1124ASS1<br>Swivel Hitch                 | BS970-080M40<br>as forged              | 56 Tonne                 | 3 Tonne         |



### Straight Trailer Hitch Eyes

Only for Agricultural Tractors and Industrial Machines

Maximum allowed speed for this Hitch Eye is 25 KPH

| SIZE | MATERIAL & TREATMENT | LENGTH | WIDTH | DEPTH   | PART NUMBER |
|------|----------------------|--------|-------|---------|-------------|
| 5"   | Grade 50B            | 127 mm | 90 mm | 28.5 mm | 10045       |
| 12"  | Grade 50B            | 305 mm | 90 mm | 30 mm   | 10011       |
| 16"  | Grade 50B            | 406 mm | 90 mm | 30 mm   | 10012       |
| 12"  | EN16 Type            | 305 mm | 90 mm | 30 mm   | 10020       |
| 16"  | EN16 Type            | 406 mm | 90 mm | 30 mm   | 10022       |



### HEAVY DUTY Straight Trailer Hitch Eyes

Only for Agricultural Tractors and Industrial Machines

Maximum allowed speed for this Hitch Eye is 25 KPH

| SIZE | MATERIAL & TREATMENT | LENGTH | WIDTH | DEPTH | PART NUMBER |
|------|----------------------|--------|-------|-------|-------------|
| 12"  | Grade 50B            | 305 mm | 90 mm | 40 mm | 10047       |
| 12"  | Heat Treated         | 305 mm | 90 mm | 40 mm | 10049       |



### Cranked Trailer Hitch Eyes

Only for Agricultural Tractors and Industrial Machines

Maximum allowed speed for this Hitch Eye is 25 KPH

| SIZE | MATERIAL & TREATMENT | LENGTH | WIDTH | DEPTH | PART NUMBER |
|------|----------------------|--------|-------|-------|-------------|
| 12"  | Grade 50B            | 305 mm | 90 mm | 30 mm | 10013       |
| 16"  | Grade 50B            | 406 mm | 90 mm | 30 mm | 10014       |
| 12"  | EN16 Type            | 305 mm | 90 mm | 30 mm | 10021       |
| 16"  | EN16 Type            | 406 mm | 90 mm | 30 mm | 10023       |



### Drilled Cranked Trailer Hitch Eye

Only for Agricultural Tractors and Industrial Machines

Maximum allowed speed for this Hitch Eye is 25 KPH

| SIZE | MATERIAL & TREATMENT | LENGTH | WIDTH | DEPTH | PART NUMBER |
|------|----------------------|--------|-------|-------|-------------|
| 16"  | EN16 Type            | 406 mm | 90 mm | 30 mm | 10024       |

#### Fixing Hole Dimensions

| HOLE SIZE | CENTRE TO CENTRE | BACK TO CENTRE OF REAR HOLE |
|-----------|------------------|-----------------------------|
| 24.5 mm   | 147 mm           | 35 mm                       |



### Swivel Hitch Eyes

Only for Agricultural Tractors and Industrial Machines

Maximum allowed speed for this Hitch Eye is 25 KPH

| LENGTH (L) | WIDTH (W) | D      | EYE SIZE | DEPTH OF EYE (X) | PART NUMBER |
|------------|-----------|--------|----------|------------------|-------------|
| 390 mm     | 82 mm     | 122 mm | 52 mm    | 35 mm            | 10053       |
| 396 mm     | 82 mm     | 122 mm | 52 mm    | 37 mm            | 10220       |
| 390 mm     | 82.5 mm   | 132 mm | 50.8 mm  | 38.5 mm          | F1124ASS1   |

**Hitch Eye Bush**

Fits Standard Trailer Hitch Eyes

| DESCRIPTION    | PART NUMBER |
|----------------|-------------|
| Hitch Eye Bush | 10048       |

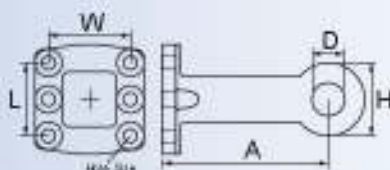
**6 Hole Flanged Hitch Eye**

According to DIN11026-40-B

Only for agricultural tractors and industrial machines

Maximum allowed speed for this Hitch Eye is 25 KPH

| HOLE SIZE (D) | L      | W      | A      | H      | PART NUMBER |
|---------------|--------|--------|--------|--------|-------------|
| 40 mm         | 100 mm | 110 mm | 240 mm | 100 mm | 225000039   |

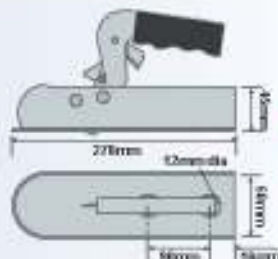
**8 Hole Flanged Hitch Eye**

Maximum allowed speed for this Hitch Eye is 25 KPH

| HOLE SIZE (D) | L      | W      | A      | H      | PART NUMBER |
|---------------|--------|--------|--------|--------|-------------|
| 50 mm         | 100 mm | 110 mm | 250 mm | 115 mm | 10027       |

**Ball Hitches**

| MAXIMUM CAPACITY OF UNIT            | PART NUMBER |
|-------------------------------------|-------------|
| 1400Kg (Max 750 Kg for Highway use) | MP198       |

**Ball Hitch - Pressed Type**

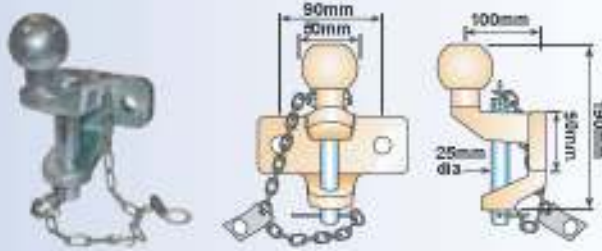
| MAXIMUM CAPACITY OF UNIT | PART NUMBER |
|--------------------------|-------------|
| 750Kg                    | MP80        |

**50mm Towing Ball Bracket**

| DESCRIPTION                             | PART NUMBER |
|-----------------------------------------|-------------|
| 50mm Ball Bracket - Electro Zinc plated | 10017       |

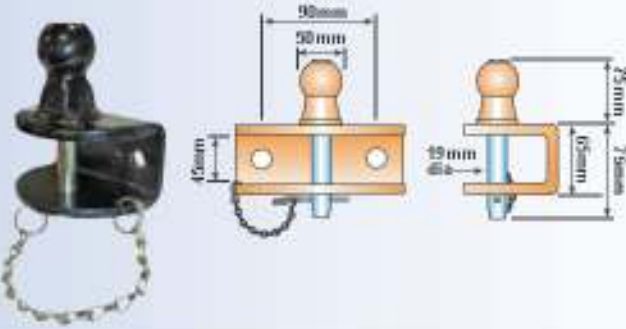
**50mm Multi Purpose Towing Hitch**

| MAXIMUM CAPACITY OF UNIT | PART NUMBER |
|--------------------------|-------------|
| 3000 Kg                  | 10058       |

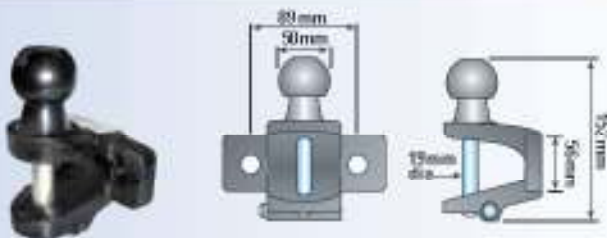
**HEAVY DUTY**

50mm Multi Purpose Towing Hitch

| MAXIMUM CAPACITY OF UNIT | PART NUMBER |
|--------------------------|-------------|
| 3500 Kg                  | 10242       |

**50mm Combined Ball and Pin Hitch**

| MAXIMUM CAPACITY OF UNIT | PART NUMBER |
|--------------------------|-------------|
| 1500 Kg                  | MP481       |

**HEAVY DUTY**

50mm Combined Ball and Pin Hitch

| MAXIMUM CAPACITY OF UNIT | PART NUMBER |
|--------------------------|-------------|
| 3500 Kg                  | MP484       |

**50mm Threaded Ball Pins c/w Lynch Pin & Chain**

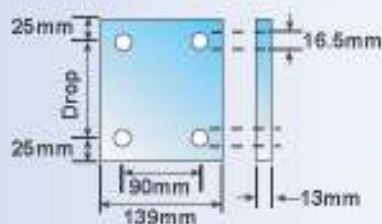
| THREAD   | OVERALL LENGTH | PIN LENGTH | USABLE LENGTH | THREADED LENGTH | PART NUMBER |
|----------|----------------|------------|---------------|-----------------|-------------|
| 7/8" UNF | 264 mm         | 190 mm     | 162 mm        | 102 mm          | P862        |
| 1" UNF   | 264 mm         | 190 mm     | 162 mm        | 102 mm          | P863        |

**50mm Threaded Ball Pins**

| THREAD   | OVERALL LENGTH | PIN LENGTH | USABLE LENGTH | THREADED LENGTH | PART NUMBER |
|----------|----------------|------------|---------------|-----------------|-------------|
| 3/4" UNF | 142 mm         | 70 mm      | 64 mm         | 57 mm           | P864        |
| 7/8" UNF | 142 mm         | 70 mm      | 64 mm         | 57 mm           | Z992270     |
| 1" UNF   | 142 mm         | 70 mm      | 64 mm         | 57 mm           | P866        |

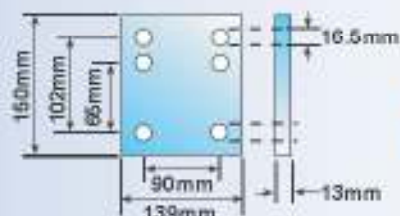
**SHORT 50mm Threaded Ball Pins - Suitable for ATV's**

| THREAD   | OVERALL LENGTH | PIN LENGTH | THREADED LENGTH | PART NUMBER |
|----------|----------------|------------|-----------------|-------------|
| 3/4" UNF | 112.7 mm       | 40 mm      | 30mm            | Z992040     |
| 7/8" UNF | 112.7 mm       | 40 mm      | 30mm            | Z992240     |



#### 4 Hole Tow Ball Drop Plates

| DESCRIPTION                      | PART NUMBER |
|----------------------------------|-------------|
| 52mm (2") DROP plate zinc plated | MP230       |



#### 6 Hole Tow Ball Drop Plates

| DESCRIPTION                       | PART NUMBER |
|-----------------------------------|-------------|
| 102mm (4") DROP plate zinc plated | MP233       |



#### Trailer Handbrake

| DESCRIPTION               | PART NUMBER |
|---------------------------|-------------|
| Height 800mm, Width 266mm | 10140       |



#### Ratchet Handbrake

| DESCRIPTION                            | PART NUMBER |
|----------------------------------------|-------------|
| Ratchet Hand Brake with Plastic Handle | 10322       |



### Single-acting Hydraulic Jack with Spring Return

| OUTSIDE TUBE           | TOTAL HEIGHT | SCREW STROKE | STATIC LOAD CAPACITY (250 BAR) | PART NUMBER |
|------------------------|--------------|--------------|--------------------------------|-------------|
| 100 mm                 | 445 mm       | 250 mm       | 11,400 Kg                      | DH713       |
| <b>PARTS TO SUIT</b>   |              |              |                                |             |
| Seal Kit to suit DH713 |              |              |                                | 9909900     |



### Double-acting Hydraulic Jack

| OUTSIDE TUBE | TOTAL HEIGHT | SCREW STROKE | STATIC LOAD CAPACITY (250 BAR) | PART NUMBER |
|--------------|--------------|--------------|--------------------------------|-------------|
| 100 mm       | 439 mm       | 250 mm       | 12,300 Kg                      | C2K43023557 |



### Side Winding Jack c/w Swivel Mounting

Several types of mounting plate available

| TOTAL HEIGHT         | SCREW STROKE | STATIC LOAD CAPACITY | PART NUMBER |
|----------------------|--------------|----------------------|-------------|
| 700 mm               | 250 mm       | 3000 Kg              | STR20       |
| <b>PARTS TO SUIT</b> |              |                      |             |
| Bevel Gear to suit   |              |                      | 1030651234  |
| Shaft to suit        |              |                      | 1030651236  |
| Bearing to suit      |              |                      | 1030978465  |



### Landing Gear

| TOTAL HEIGHT                    | SCREW STROKE | STATIC LOAD CAPACITY | PART NUMBER |
|---------------------------------|--------------|----------------------|-------------|
| 950 mm                          | 450 mm       | 10,000 Kg            | KRA1200FL   |
| <b>PARTS TO SUIT</b>            |              |                      |             |
| Gear Kit for KRA1200FLA Gearbox |              |                      | KIT001KRA   |
| Gearbox Cover to suit KRA1200FL |              |                      | KRA03008    |
| Handle to suit KRA1200FLA Jack  |              |                      | KRA020141   |



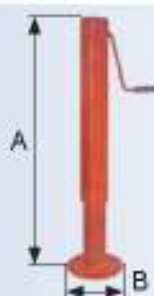
### Side Winding Square Jack c/w Mounting

| TOTAL HEIGHT | EXTENDED HEIGHT | STATIC LOAD CAPACITY | PART NUMBER |
|--------------|-----------------|----------------------|-------------|
| 636 mm       | 1030 mm         | 3175 Kg              | 190754      |



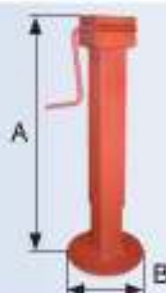
### Heavy Duty Side Winding Square Jack c/w Mounting

| RETRACTED (A) | EXTENDED (B) | CLEARANCE (C) | STATIC LOAD CAPACITY | PART NUMBER |
|---------------|--------------|---------------|----------------------|-------------|
| 432 mm        | 750 mm       | 152 mm        | 5440 Kg              | 182524      |



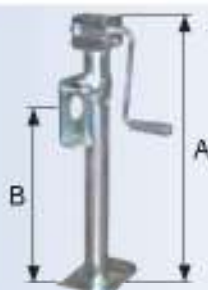
Standard Side Winding Jack.

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | A      | B      | PART NUMBER |
|------------|--------------|----------------------|--------|--------|-------------|
| 60 mm      | 320 mm       | 800 Kg               | 565 mm | 200 mm | 10400       |



Heavy Duty Side Winding Jack.

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | A      | B      | PART NUMBER |
|------------|--------------|----------------------|--------|--------|-------------|
| 80 mm      | 310 mm       | 4000 Kg              | 620 mm | 220 mm | 10121       |



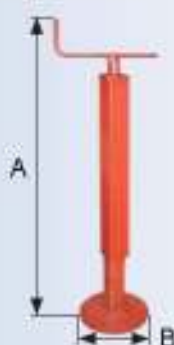
Swivel Jack with Side Wind - Bracket Mounting

| OUTER TUBE                              | SCREW STROKE | STATIC LOAD CAPACITY | A      | B      | PART NUMBER |
|-----------------------------------------|--------------|----------------------|--------|--------|-------------|
| 51 mm                                   | 380 mm       | 900 Kg               | 560 mm | 405 mm | 10160       |
| Mounting bracket to suit Part No. 10160 |              |                      |        |        | 10161       |



Parking Jack.

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | A      | B     | PART NUMBER |
|------------|--------------|----------------------|--------|-------|-------------|
| 48 mm      | 220 mm       | 300 Kg               | 400 mm | 95 mm | 10100       |



Top Winding Jack.

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | A      | B      | PART NUMBER |
|------------|--------------|----------------------|--------|--------|-------------|
| 50 mm      | 300 mm       | 500 Kg               | 630 mm | 160 mm | 10114       |
| 60 mm      | 400 mm       | 750 Kg               | 730 mm | 160 mm | 10118       |
| 70 mm      | 300 mm       | 1000 Kg              | 670 mm | 160 mm | 10131       |
| 70 mm      | 520 mm       | 1000 Kg              | 970 mm | 185 mm | 10101       |

Top Winding Jack without Bearing.

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | A      | B      | PART NUMBER |
|------------|--------------|----------------------|--------|--------|-------------|
| 60 mm      | 400 mm       | 710 Kg               | 730 mm | 160 mm | 10115       |

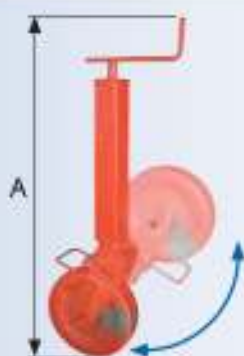


Top Winding Jack without Bottom Plate.

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | A      | PART NUMBER |
|------------|--------------|----------------------|--------|-------------|
| 60 mm      | 400 mm       | 800 Kg               | 730 mm | 10116       |

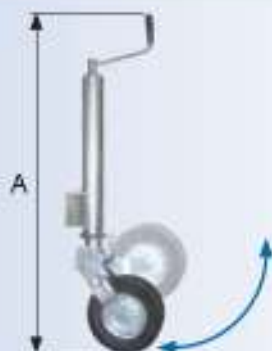
Bottom Plate to suit Top Winding Jack.

| DESCRIPTION                       | PART NUMBER |
|-----------------------------------|-------------|
| Square Bottom Plate 160mm x 160mm | 10117       |



Wheel Jack c/w Solid Steel Wheel and turnover - spring locking

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | WHEEL SIZE | A      | PART NUMBER |
|------------|--------------|----------------------|------------|--------|-------------|
| 70 mm      | 300 mm       | 1000 Kg              | 275x70 mm  | 940 mm | STR30       |



Jockey Wheel Automatic 60mm

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | WHEEL SIZE | A      | PART NUMBER |
|------------|--------------|----------------------|------------|--------|-------------|
| 60 mm      | 185 mm       | 500 Kg               | 220x70 mm  | 960 mm | 10164       |

Ribbed Type



Jockey Wheel c/w Solid Rubber Tyre &amp; Plastic Hub

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | WHEEL SIZE | A      | PART NUMBER |
|------------|--------------|----------------------|------------|--------|-------------|
| 34 mm      | 270 mm       | 75 Kg                | 170x45 mm  | 570 mm | 10150 *     |

Standard Type



Jockey Wheel c/w Solid Rubber Tyre &amp; Metal Hub

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | WHEEL SIZE | A      | PART NUMBER |
|------------|--------------|----------------------|------------|--------|-------------|
| 42 mm      | 270 mm       | 150 Kg               | 200x50 mm  | 570 mm | 10151 *     |
| 48 mm      | 270 mm       | 500 Kg               | 230 mm     | 570 mm | 10165 *     |
| 60 mm      | 250 mm       | 400 Kg               | 255x80 mm  | 720 mm | 10162       |

Heavy Duty Type



Jockey Wheel c/w Solid Rubber Tyre &amp; Metal Hub

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | WHEEL SIZE | A      | PART NUMBER |
|------------|--------------|----------------------|------------|--------|-------------|
| 48 mm      | 270 mm       | 150 Kg               | 200 mm     | 570 mm | 10152 *     |

Jockey Wheel c/w Pneumatic Rubber Tyre &amp; Plastic Hub

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | WHEEL SIZE | A      | PART NUMBER |
|------------|--------------|----------------------|------------|--------|-------------|
| 48 mm      | 270 mm       | 150 Kg               | 260x85 mm  | 620 mm | 10159 *     |

Heavy Duty Jockey Wheel c/w Solid Tyre &amp; Steel Rim

| OUTER TUBE | SCREW STROKE | STATIC LOAD CAPACITY | WHEEL SIZE | A      | PART NUMBER |
|------------|--------------|----------------------|------------|--------|-------------|
| 42 mm      | 280 mm       | 500 Kg               | 200x20 mm  | 750 mm | 10174       |
| 48 mm      | 270 mm       | 300 Kg               | 200x20 mm  | 570 mm | 10173       |

\* Comes complete with Clamp

\* Ribbed Jockey Wheel

**Heavy Duty Prop Stand with 48mm Ribbed Tube**

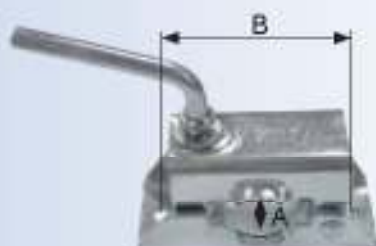
| DESCRIPTION                     | PART NUMBER |
|---------------------------------|-------------|
| Prop Stand 48mm Ribbed x 400 mm | 10168       |
| Prop Stand 48mm Ribbed x 600 mm | 10169       |

Recommended Clamp 10166 (See table below)

**Heavy Duty Rotating Clamp**

Allows trailer prop stands and jockey wheels to be secure parallel to the ground when not in use.

| DESCRIPTION               | MAX LOAD CAPACITY | PART NUMBER |
|---------------------------|-------------------|-------------|
| Heavy Duty Rotating Clamp | 500 Kg            | 10172       |

**Clamps to suit Jockey Wheels & Stabilisers**

| A     | B      | DESCRIPTION                       | PART NUMBER |
|-------|--------|-----------------------------------|-------------|
| 35 mm | 105 mm | 2 Hole Bracket                    | 10155       |
| 42 mm | 105 mm | 2 Hole Bracket                    | 10156       |
| 48 mm | 105 mm | 2 Hole Bracket                    | 10157       |
| 48 mm |        | To suit 10165 Ribbed Jockey Wheel | 10166       |
| 60 mm | 214 mm | 4 Hole Bracket                    | 10163       |

**Solid Rubber Wheel with Metal Hub for 10151 Jockey Wheel**

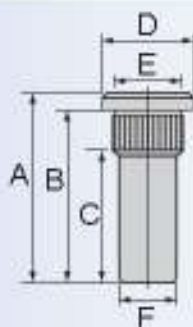
| SIZE OF WHEEL | TYRE MATERIAL | HUB MATERIAL | PART NUMBER |
|---------------|---------------|--------------|-------------|
| 200x50mm      | Solid Rubber  | Metal        | 10153       |

**Solid Rubber Wheel with Plastic Hub for 10150 Jockey Wheel**

| SIZE OF WHEEL | TYRE MATERIAL | HUB MATERIAL | PART NUMBER |
|---------------|---------------|--------------|-------------|
| 170x45 mm     | Solid Rubber  | Plastic      | 10158       |

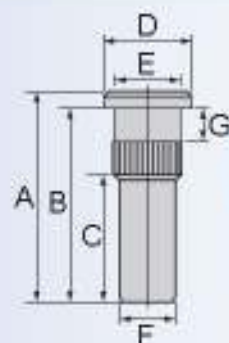
**Pneumatic Wheel with Plastic Hub**

| SIZE OF WHEEL | TYRE      | HUB MATERIAL | BORE SIZE | PART NUMBER |
|---------------|-----------|--------------|-----------|-------------|
| 300x4         | Pneumatic | Plastic      | 20 mm     | 10154       |
| 400x4         | Pneumatic | Plastic      | 20 mm     | HK400420    |
| 400x8         | Pneumatic | Plastic      | 20 mm     | HK400820    |



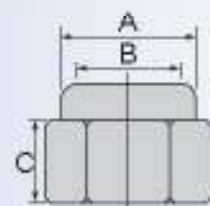
Wheel Bolt - 10.9 Strength

| A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | PART NUMBER |
|--------|--------|--------|--------|--------|--------|-------------|
| 40     | 36     | 28     | 16     | 13.5   | 12x1.5 | 903C12      |
| 50     | 45     | 34     | 20     | 17     | 16x1.5 | 903C16      |
| 54     | 49     | 37     | 27     | 19.4   | 18x1.5 | 903C18      |
| 65     | 59     | 48     | 30     | 21.5   | 20x1.5 | 903C20      |
| 77     | 71     | 56     | 33     | 24.1   | 22x1.5 | 903C22      |



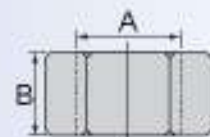
Wheel Bolt - 10.9 Strength

| A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | PART NUMBER |
|--------|--------|--------|--------|--------|--------|--------|-------------|
| 67     | 61     | 35     | 27     | 19.5   | 18x1.5 | 11.5   | 903C18L1    |
| 80     | 74     | 45     | 30     | 21.5   | 20x1.5 | 11.5   | 903C20L1    |
| 79     | 73     | 40     | 33.5   | 24     | 22x1.5 | 11.5   | 903C22L1    |



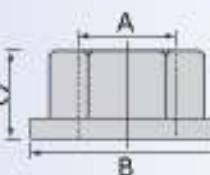
Wheel Nut - Model A

| A (mm) | SPANNER SIZE | B (mm) | C (mm) | PART NUMBER |
|--------|--------------|--------|--------|-------------|
| 12x1.5 | 19           | 19     | 15     | 903D12      |
| 16x1.5 | 27           | 27     | 18     | 903D16      |
| 18x1.5 | 27           | 27     | 22     | 903D18      |



Wheel Nut - Model B DIN 934

| A (mm) | SPANNER SIZE | C (mm) | PART NUMBER |
|--------|--------------|--------|-------------|
| 20x1.5 | 30           | 20     | 903D20      |



Wheel Nut - Model C

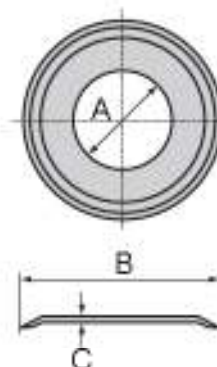
| A (mm) | SPANNER SIZE | B (mm) | C (mm) | PART NUMBER |
|--------|--------------|--------|--------|-------------|
| 22x1.5 | 30           | 36     | 23     | 903D22      |

**End Cap Wheel Nuts**

| A<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | E<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-----------|-----------|-------------|
| 44        | 52        | 47        | 28        | 9         | 912T47      |
| 49        | 56        | 52        | 29        | 9         | 912T52      |
| 62        | 67        | 62        | 34        | 12        | 912T62      |
| 69        | 79        | 72        | 39        | 13        | 912T72      |
| 76        | 68        | 80        | 39        | 13        | 912T80      |
| 85        | 98        | 90        | 43        | 14        | 912T90      |
| 102       | 118       | 111       | 47        | 16        | 912T110     |
| 113       | 113       | 121       | 50        | 16        | 912T120     |

**Washer**

| A<br>(mm) | B<br>(mm) | C<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-------------|
| 30        | 62        | 2.5       | 915PG30     |
| 35        | 72        | 2.5       | 915PG35     |
| 40        | 80        | 2.5       | 915PG40     |
| 45        | 85        | 2.5       | 915PG45     |
| 50        | 90        | 2.5       | 915PG50     |
| 55        | 100       | 2.5       | 915PG55     |
| 65        | 100       | 2.5       | 915PG65-100 |
| 65        | 120       | 2.5       | 915PG65-120 |
| 75        | 130       | 2.5       | 915PG75     |
| 80        | 140       | 2.5       | 915PG80     |
| 140       | 160       | 12        | 915PG140    |

**30" Leaf Springs**

Width for all leaf springs is 50mm

Thickness of each leaf 8mm

Eye Diameter 16mm

All springs fitted with 20mm Clamps

| CAPACITY | DESCRIPTION   | PART NUMBER |
|----------|---------------|-------------|
| 750 Kg   | 2 Leaf Spring | LS2         |



Upper Body Mounting Bracket to suit VOLVO

| L<br>(mm) | W<br>(mm) | PLATE<br>THICKNESS (mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-------------------------|--------------|-------------|
| 125       | 50        | 5                       | 18.5         | M07270001   |



Upper Body Mounting Bracket to suit VOLVO

| H<br>(mm) | W<br>(mm) | PLATE<br>THICKNESS (mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-------------------------|--------------|-------------|
| 125       | 78        | 5                       | 18.5         | M07320001   |



Lower Body Mounting Bracket to suit VOLVO

| W<br>(mm) | D<br>(mm) | PLATE<br>THICKNESS (mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-------------------------|--------------|-------------|
| 50        | 18.5      | 5                       | 14.5         | M07280001   |

Lower Body Mounting Bracket to suit VOLVO & SCANIA  
3 Hole

| W<br>(mm) | D<br>(mm) | PLATE<br>THICKNESS (mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-------------------------|--------------|-------------|
| 50        | 18.5      | 5                       | 14.5         | M07290001   |



Lower Body Mounting Bracket to suit SCANIA

| L<br>(mm) | W<br>(mm) | PLATE<br>THICKNESS (mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-------------------------|--------------|-------------|
| 100       | 60        | 8                       | 16.4         | M07400001   |



Upper Body Mounting Bracket to suit VOLVO

| L<br>(mm) | W<br>(mm) | H<br>(mm) | PLATE<br>THICKNESS (mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-----------|-------------------------|--------------|-------------|
| 111       | 100       | 84        | 8                       | 17           | M07500000   |
| 90        | 80        | 76        | 5                       | 13           | M07510000   |



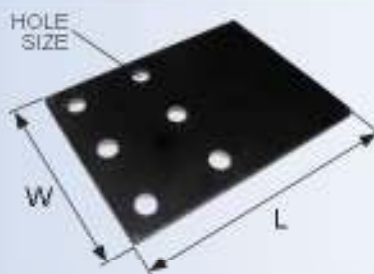
**Lower Front Mounting Bracket to suit MERCEDES**

| L (mm) | W (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|-----------|-------------|
| 133    | 45     | 14.5      | 10266       |



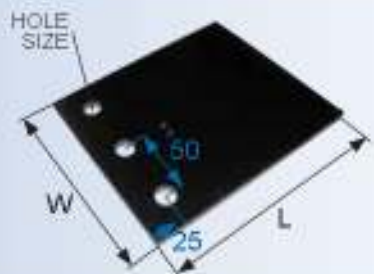
**Guide Plate to suit MERCEDES**

| L (mm) | W (mm) | A (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|--------|-----------|-------------|
| 125    | 79     | 50     | 14.5      | 10263       |



**Lower Attachment Plate to suit VOLVO**

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 140    | 195    | 8                    | 14.3      | M07440000   |



**Attachment Plate to suit VOLVO**

| L (mm) | W (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|-----------|-------------|
| 184    | 150    | 14.2      | 10264       |



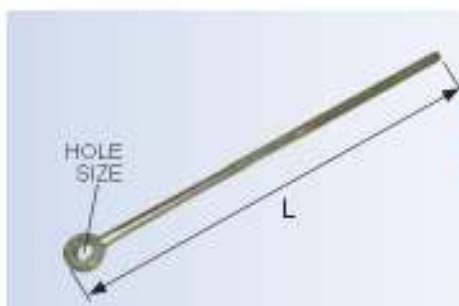
**Attachment Plate to suit SCANIA**

| L (mm) | W (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|-----------|-------------|
| 140    | 245    | 14.3      | 10265       |



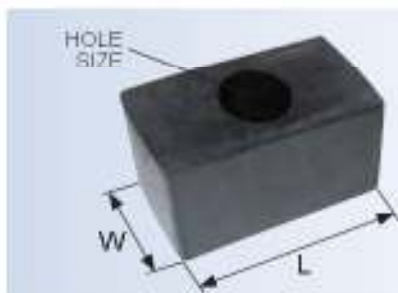
**Rear Fixing Plate to suit SCANIA**

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 220    | 140    | 12                   | 14.2      | M07590000   |



## Tie Bars to suit LEYLAND DAF

| L (mm) | THREAD SIZE | HOLE SIZE | PART NUMBER |
|--------|-------------|-----------|-------------|
| 385    | M12         | 13        | M07550000   |
| 450    | M16         | 15        | M07540000   |



## Rubber Pad

To be used in conjunction with M07320001 Mounting Bracket & M07330000 Washer

| L (mm) | W (mm) | BLOCK THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 63     | 36     | 30                   | 17.5      | M07340002   |



## Washer

To be used in conjunction with M07320001 Mounting Bracket & M07340002 Rubber Pad

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 63     | 36     | 8                    | 18        | M07330000   |





Fastening Lug

| D (mm) | X (mm) | T (mm) | B (mm) | PART NUMBER |
|--------|--------|--------|--------|-------------|
| 8      | 12.7   | 4.3    | 19     | M00160012   |
| 12     | 12     | 5.5    | 25     | 10075       |
| 1/2"   | 1/2"   | 5      | 25     | 10007       |



Threaded Fastening Lug

| D (mm) | X (mm) | T (mm) | B (mm) | PART NUMBER |
|--------|--------|--------|--------|-------------|
| M12    | 15.9   | 4.8    | 25     | 10019       |



Threaded Fastening Lug c/w Lock Nut

| D (mm)  | X (mm) | T (mm) | B (mm) | PART NUMBER |
|---------|--------|--------|--------|-------------|
| M8      | 21     | 5      | 19     | M00670062   |
| M12     | 45     | 5      | -      | M00670752   |
| M12     | 24     | 5      | 48     | M00680012   |
| M12     | 75     | 5      | 25     | 10076       |
| M12x1.5 | 72.5   | 5      | 25     | M00670032   |



Pressed Eye Plate

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 152.4  | 50.8   | 4.76                 | 22.2      | 10268       |
| 152.4  | 50.8   | 6.4                  | 22.2      | M00700020   |



Pressed Eye Plate

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 229.6  | 40     | 8                    | 22.2      | M00110940   |



Forged Cotter c/w Ring &amp; Chain

| H (mm) | D (mm) | T (mm) | TYPE    | PART NUMBER |
|--------|--------|--------|---------|-------------|
| 73     | 16     | 4      | Pressed | 10006Z      |
| 66.7   | 14.3   | 4      | Forged  | M0010A011   |

**Forged Cotter c/w Snap Ring & Chain**

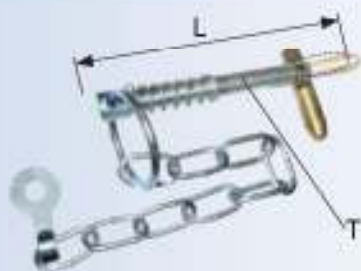
| H<br>(mm) | D<br>(mm) | T<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-------------|
| 66.7      | 14.3      | 4         | M00130001   |

**Zinc Plated Forged Cotter c/w Snap Ring & Chain**

|      |      |   |           |
|------|------|---|-----------|
| 66.7 | 14.3 | 4 | M0013ZP01 |
|------|------|---|-----------|

**Zinc Plated Forged Cotter c/w Snap Ring**

|    |    |   |       |
|----|----|---|-------|
| 72 | 18 | 4 | 10057 |
|----|----|---|-------|

**Spring Loaded Sword Pin c/w Ring & Chain**

| L<br>(mm) | T<br>(mm) | PART NUMBER |
|-----------|-----------|-------------|
| 124       | 10        | M02060021   |

**Round Cotter c/w Ring & Chain**

| L<br>(mm) | T<br>(mm) | PART NUMBER |
|-----------|-----------|-------------|
| 108       | 8         | M02150031   |
| 136       | 9.5       | M02150041   |

**Linch Pin**

| A<br>(mm) | L<br>(mm) | PART NUMBER |
|-----------|-----------|-------------|
| 6         | 44        | P384        |
| 8         | 38        | P386        |
| 11        | 44        | P385        |
| 10        | 44        | P0029       |

c/w Chain

**Pipe Linch Pin**

| A<br>(mm) | L<br>(mm) | PART NUMBER |
|-----------|-----------|-------------|
| 6         | 70        | P0026       |
| 8         | 70        | P0031       |
| 10        | 70        | P0018       |
| 10        | 90        | P0030       |

**Pipe Linch Pin**

| A<br>(mm) | LENGTH<br>(mm) | PART NUMBER |
|-----------|----------------|-------------|
| 10        | 50             | P0023       |

**Lug**

| L<br>(mm) | D<br>(mm) | X<br>(mm) | Y<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-----------|-------------|
| 38.1      | 19.1      | 1/2"      | 7.9       | 10009       |
| 47.6      | 19.1      | 9.5       | 9.5       | M00540010   |

**Weld on Lug**

| H<br>(mm) | W<br>(mm) | D<br>(mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-----------|--------------|-------------|
| 30        | 20        | 10        | 9            | 10092       |

**Threaded Lug - Zinc Plated**

| H<br>(mm) | X<br>(mm) | W<br>(mm) | D<br>(mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-----------|-----------|--------------|-------------|
| 47        | 25        | 20        | M10       | 9            | 10093       |

**Forged Plate Hook**

| D<br>(mm) | L<br>(mm) | W<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-------------|
| 12.7      | 52.5      | 17.5      | 10008       |
| 12.7      | 65.5      | 17.5      | M00210020   |
| 15.9      | 63.5      | 22.2      | 10025       |
| 16        | 52.5      | 31        | 10031       |

**Slotted Plate Hook**

| D<br>(mm) | L<br>(mm) | W<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-------------|
| 12        | 63.5      | 27        | 10287       |

**Bolt On Plate Hook**

| D<br>(mm) | L<br>(mm) | W<br>(mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-----------|--------------|-------------|
| 12.7      | 50.8      | 28        | 8.7          | 10038       |
| 15.9      | 63.5      | 28        | 10.5         | M00220040   |

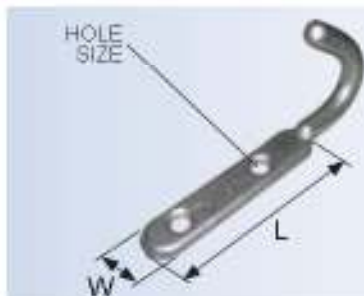
**Bolt On Plate Hook - Zinc Plated**

| D<br>(mm) | L<br>(mm) | W<br>(mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-----------|--------------|-------------|
| 12.7      | 50.8      | 28        | 8.7          | M00220G10   |



Bolt On Rope Hook

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 136    | 27     | 7.9                  | 7.9       | MD0260000   |

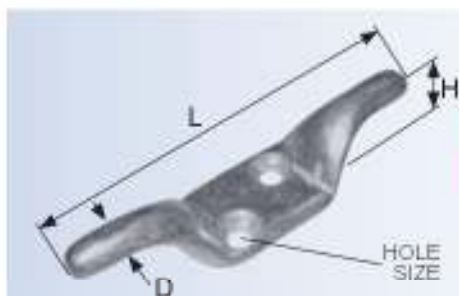


Bolt On Rope Hook

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 136    | 27     | 7.9                  | 7.9       | MD1030120   |

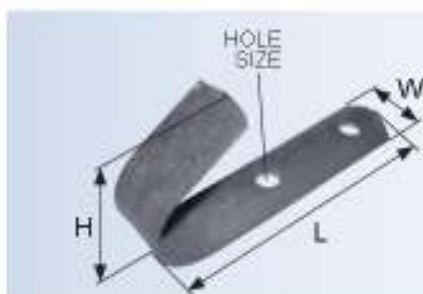
Bolt On Rope Hook - Zinc Plated

|      |      |     |     |           |
|------|------|-----|-----|-----------|
| 95.3 | 22.2 | 7.1 | 7.9 | MD103G120 |
| 102  | 23   | 8   | 7.9 | 10043     |



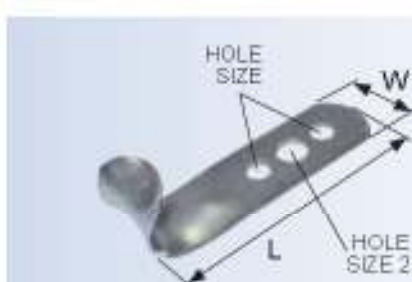
Rope Hook Cleat

| L (mm) | H (mm) | D (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|--------|-----------|-------------|
| 101    | 31.8   | 15.8   | 7         | 10067       |



Lightweight Rope Hook - 2 Hole

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 84     | 20     | 5                    | 7         | 10044       |



Lightweight Rope Hook - 2 Hole

| L (mm) | W (mm) | HOLE SIZE | HOLE SIZE 2 | PART NUMBER |
|--------|--------|-----------|-------------|-------------|
| 63     | 19     | 5         | 7           | MP996       |



Weld On Rope Hook

| D (mm) | H (mm) | PART NUMBER |
|--------|--------|-------------|
| 12     | 57     | 10041       |
| 16     | 60     | 10042       |



Weld On Cable Hook

| H<br>(mm) | W<br>(mm) | PART NUMBER |
|-----------|-----------|-------------|
|           |           | 10068       |



Pan Fitting with D-Ring - Zinc Plated

| D<br>(mm) | PART NUMBER |
|-----------|-------------|
| 102       | 10209       |



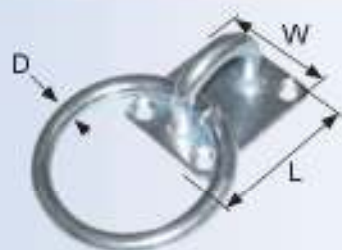
Recessed Lashing Ring

| D<br>(mm) | DEPTH<br>(mm) | PART NUMBER |
|-----------|---------------|-------------|
| 133       | 25            | 10228       |



Recessed Lashing Ring

| L<br>(mm) | W<br>(mm) | PART NUMBER |
|-----------|-----------|-------------|
| 100       | 95        | 10201       |



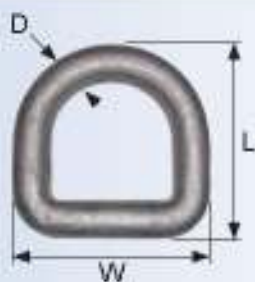
Ring on Plate

| L<br>(mm) | W<br>(mm) | D<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-------------|
| 50        | 40        | 8         | 10229       |



Welding Ring - Zinc Plated

| ID<br>(mm) | D<br>(mm) | PART NUMBER |
|------------|-----------|-------------|
| 75         | 8.3       | 10224       |



Lashing Link

| L (mm) | W (mm) | D (mm) | PART NUMBER |
|--------|--------|--------|-------------|
| 124    | 124    | 25     | 10256       |

Cleat to suit Lashing Link

| L (mm) | W (mm) | PART NUMBER |
|--------|--------|-------------|
| 65     | 45     | 10257       |



Lashing Ring Assembly

| L (mm) | W (mm) | PLATE THICKNESS (mm) | PART NUMBER |
|--------|--------|----------------------|-------------|
| 178    | 50     | 9.5                  | M03570001   |



Floor Lashing Ring

| L (mm) | W (mm) | PART NUMBER |
|--------|--------|-------------|
| 132    | 78     | 10234       |



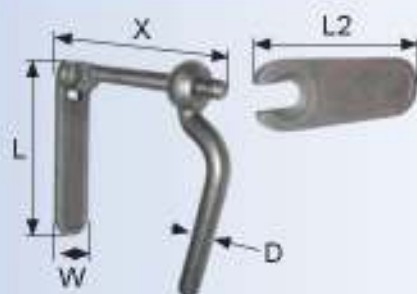
Floor Lashing Ring

| L (mm) | W (mm) | H (mm) | PART NUMBER |
|--------|--------|--------|-------------|
| 90     | 65     | 64     | 10200       |



Ramp Fasteners without Plate (M12 Threaded)

| L (mm) | W (mm) | X (mm) | D (mm) | PLATE THICKNESS (mm) | PART NUMBER |
|--------|--------|--------|--------|----------------------|-------------|
| 127    | 38     | 112    | 12.7   | 6.4                  | M01320011   |



Heavy Duty Ramp Fastener (5/8" ACME Threaded)

| L (mm) | W (mm) | X (mm) | D (mm) | L2 (mm) | PLATE THICKNESS (mm) | PART NUMBER |
|--------|--------|--------|--------|---------|----------------------|-------------|
| 165    | 38     | 175    | 17.5   | 146     | 9.5                  | 10016       |

Individual Ramp Fastener Parts are listed on Page 22



## Individual Ramp Fastener Parts

| No. | DESCRIPTION                                                                       | PART NUMBER |
|-----|-----------------------------------------------------------------------------------|-------------|
| 1   | ACME Threaded Shaft<br>- Zinc Plated                                              | 10355       |
| 2   | Short Pattern Back Plate<br>(Self Colour for Welding)                             | 10357       |
| 3   | Fastening Plate<br>(Self Colour for Welding)                                      | 10069       |
| 4   | ACME Threaded Ramp Fastener Handle<br>- Zinc Plated                               | 10356       |
| 4   | M16 Threaded Ramp Fastener Handle<br>to suit old type Ramp Fastener - Zinc Plated | 10281       |
| 5   | M12 x 50mm Assembly Bolt                                                          | M1250DIN933 |
| 6   | M12 Assembly Nut                                                                  | M12DIN985   |



## Safety Catch

Use in conjunction with 10065 Catch Plate (Below)

| H<br>(mm) | W<br>(mm) | FITTING HOLE<br>SIZE (mm) | PART NUMBER |
|-----------|-----------|---------------------------|-------------|
| 72.4      | 22.3      | 4.1                       | 10064       |



## Catch Plate

Use in conjunction with 10064 Safety Catch (Above)

| H<br>(mm) | W<br>(mm) | FITTING HOLE<br>SIZE (mm) | PART NUMBER |
|-----------|-----------|---------------------------|-------------|
| 16.5      | 40        | 4.1                       | 10065       |



## Over Centre Lock - Chrome Plated

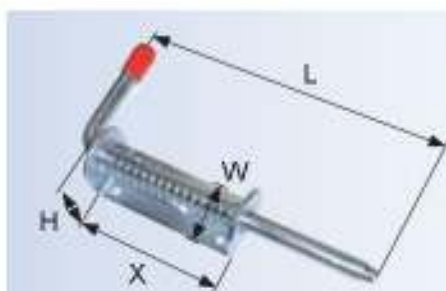
Use in conjunction with M60455HE2 Catch

| DESCRIPTION                           | PART NUMBER |
|---------------------------------------|-------------|
| Adjustable Bolt with Over Centre Lock | M60450HE2   |
| Catch Plate to suit M60450HE2         | M60455HE2   |



## Bonnet Hook

| DESCRIPTION          | PART NUMBER |
|----------------------|-------------|
| Complete Bonnet Hook | RA646C      |

**Spring Loaded Bolt**

| BOLT SIZE (mm) | L (mm) | W (mm) | X (mm) | H (mm) | PART NUMBER |
|----------------|--------|--------|--------|--------|-------------|
| 10             | 123    | 40     | 72     | 23     | 10039       |
| 12             | 154    | 40     | 87     | 43     | 10028       |
| 16             | 200    | 50     | 132    | 50     | 10029       |

**Spring Loaded Bolt - Long Body**

|    |     |    |     |    |       |
|----|-----|----|-----|----|-------|
| 12 | 220 | 40 | 120 | 43 | 10210 |
|----|-----|----|-----|----|-------|

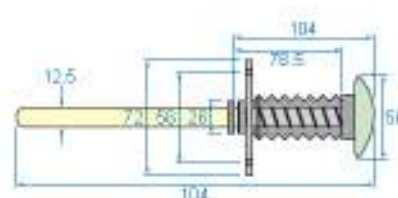
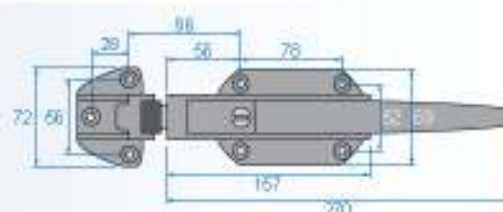
**Monkey Bolt**

| L (mm) | W (mm) | PART NUMBER |
|--------|--------|-------------|
| 75     | 50     | 10245       |

**Monkey Bolt - c/w Reversed Bolt**

Bolt is opposite to that shown in picture

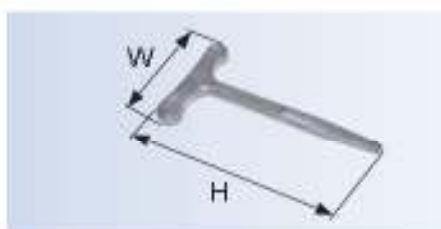
|    |    |       |
|----|----|-------|
| 75 | 50 | 10244 |
|----|----|-------|

**Surface-mount Slam Latch**

| DESCRIPTION                                     | PART NUMBER |
|-------------------------------------------------|-------------|
| Surface-mount Slam Latch (Black painted finish) | 10358       |

**Slam Lock - Zinc Plated**

| H (mm) | W (mm) | PART NUMBER |
|--------|--------|-------------|
| 87     | 68     | 10277       |

**Tee Key to suit Slam Lock**

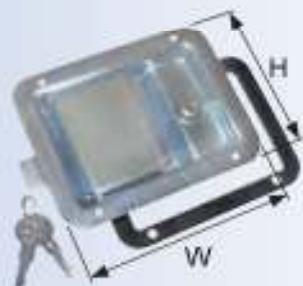
| H (mm) | W (mm) | PART NUMBER |
|--------|--------|-------------|
| 125    | 70     | 10278       |

**Slam Lock c/w Handle - Zinc Plated**

| SIDE       | L (mm) | W (mm) | HANDLE | PART NUMBER |
|------------|--------|--------|--------|-------------|
| Left Hand  | 95     | 50     | 90     | 10215       |
| Right Hand | 85     | 50     | 90     | 10216       |

**L Handle - Chrome Plated**

| L (mm) | SHAFT SIZE (mm) | HANDLE MOVEMENT  | PART NUMBER |
|--------|-----------------|------------------|-------------|
| 101    | 105 x 7.8       | 180° Non Locking | 10217       |
| 101    | 105 x 7.8       | 90° Non Locking  | 10218       |

**Paddle Handle - Zinc Plated**

Supplied with gasket and keys

| H (mm) | W (mm) | PART NUMBER |
|--------|--------|-------------|
| 108    | 140    | 10243       |

**Drop T-Handle - Stainless Steel**

| SIDE       | H (mm) | W (mm) | PART NUMBER |
|------------|--------|--------|-------------|
| Left Hand  | 125    | 120    | 10283       |
| Right Hand | 125    | 120    | 10284       |

**Male Knob**

| THREAD SIZE | PART NUMBER |
|-------------|-------------|
| M6          | 10273       |
| M12         | 10274       |

Female type also available to Special Order

**Pull Handle - Stainless Steel**

| X - CENTRE TO CENTRE (mm) | PART NUMBER |
|---------------------------|-------------|
| 150                       | 10205       |

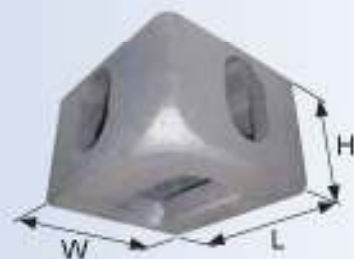
**Moulded Steel-Cored Handle**

| X - CENTRE TO CENTRE (mm) | PART NUMBER |
|---------------------------|-------------|
| 250                       | 10261       |



#### ISO - Top Corner Casting

| SIDE       | L (mm) | X (mm) | W (mm) | PART NUMBER |
|------------|--------|--------|--------|-------------|
| Left Hand  | 178    | 162    | 118    | 10236       |
| Right Hand | 178    | 162    | 118    | 10237       |



#### ISO - Bottom Corner Casting

| SIDE       | L (mm) | X (mm) | W (mm) | PART NUMBER |
|------------|--------|--------|--------|-------------|
| Left Hand  | 178    | 162    | 118    | 10238       |
| Right Hand | 178    | 162    | 118    | 10239       |



#### Light Foulger Ramp Spring

Maximum Weight to be Lowered or Raised - 150 Kg

| LENGTH  | OD (mm) | WIRE (mm) | PART NUMBER |
|---------|---------|-----------|-------------|
| 40 Inch | 61      | 10        | 10015       |



#### Ramp Spring - Under Slung Type (Sold in pairs)

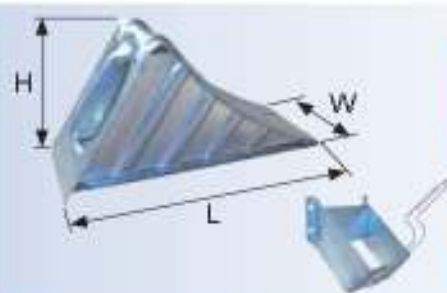
Maximum Weight - 150 Kg per pair

| LENGTH (mm) | OD (mm) | PART NUMBER  |
|-------------|---------|--------------|
| 690         | 78      | 10248 (Pair) |



#### Trailer Mudguards

| L (mm) | W (mm) | H (mm) | TO SUIT WHEEL SIZE | PART NUMBER |
|--------|--------|--------|--------------------|-------------|
| 620    | 180    | 240    | 10 Inch Wheel      | MP266       |
| 760    | 220    | 335    | 13 Inch Wheel      | MP267       |



#### Wheel Chock

| L (mm) | W (mm) | H (mm) | TO SUIT WHEEL RADIUS | MAX WHEEL LOAD ON BLOCK (Kg) | PART NUMBER |
|--------|--------|--------|----------------------|------------------------------|-------------|
| 320    | 120    | 150    | 360                  | 1600                         | 184650      |

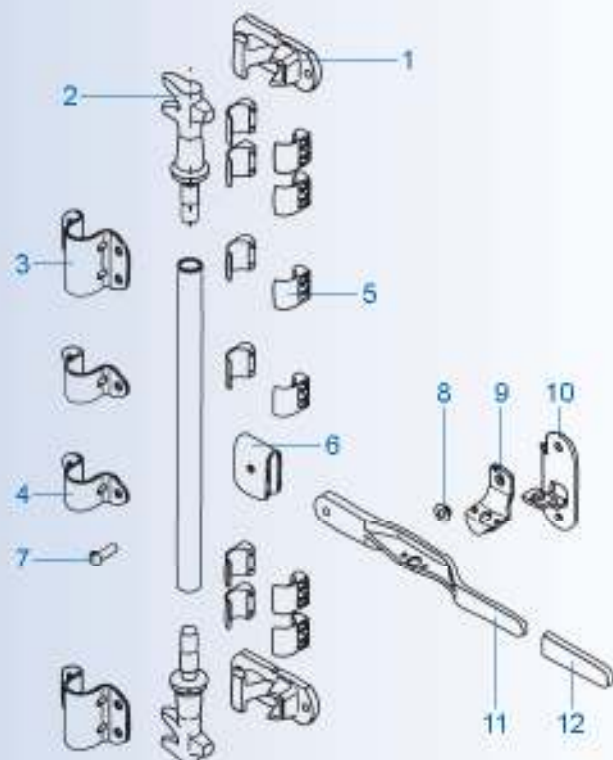
#### Mounting Support to suit Wheel Chock

| DESCRIPTION                                 | PART NUMBER |
|---------------------------------------------|-------------|
| Mounting Support to suit 184650 Wheel Chock | 184654      |

**Rubber Door Holder**

Moulded in steel fixing plate

| DESCRIPTION                       | PART NUMBER |
|-----------------------------------|-------------|
| Female Holder with M6 Fixing Hole | 0666002     |
| Male Holder with M6 Fixing Hole   | 0774001     |

**Bushed Door Locking Gear**

Zinc Plated

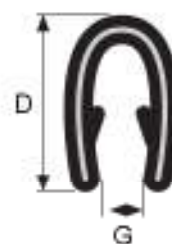
| DESCRIPTION            | PART NUMBER |
|------------------------|-------------|
| 27mm Door Locking Gear | 10225       |

| NO. | DESCRIPTION                   | QTY |
|-----|-------------------------------|-----|
| 1   | Keeper (Bolt On)              | 2   |
| 2   | Cam                           | 2   |
| 3   | Bearing Bracket (Outer Large) | 2   |
| 4   | Bearing Bracket (Outer Small) | 2   |
| 5   | Bush                          | 6   |
| 6   | Handle Hub                    | 1   |
| 7   | Rivet                         | 1   |
| 8   | Bush                          | 1   |
| 9   | Catch                         | 1   |
| 10  | Retainer                      | 1   |
| 11  | Handle                        | 1   |
| 12  | Sleeve                        | 1   |

**Knock On Safety Edge**

Sold per metre

| D (mm) | G (mm)    | PART NUMBER |
|--------|-----------|-------------|
| 12     | 0.7 - 2.5 | A5000       |



We have a wide range of Edgings, Beading and Rubber available. Please refer to our Tractor Cab Parts Catalogue (Cab Glass section) for further details.  
Contact our Sales Staff if you require a copy.

We have a wide range of Loctite Products in our Workshop Catalogue



## Square Plastic End Cap

| DIMENSIONS | PART NUMBER |
|------------|-------------|
| 20 x 20    | KS199224    |
| 25 x 25    | KS199133    |
| 30 x 30    | KS199151    |
| 35 x 35    | KS199117    |
| 40 x 40    | KS199062    |
| 45 x 45    | KS10706     |
| 50 x 50    | KS199190    |
| 60 x 60    | KS199211    |
| 70 x 70    | KS199255    |
| 80 x 80    | KS199247    |
| 90 x 90    | KS460699    |
| 100 x 100  | KS111210    |



## Rectangle Plastic End Cap

| DIMENSIONS | PART NUMBER |
|------------|-------------|
| 30 x 15    | KS12655     |
| 30 x 20    | KS111341    |
| 40 x 20    | KS199213    |
| 50 x 25    | KS199176    |
| 60 x 30    | KS199225    |
| 60 x 40    | KS199226    |
| 80 x 40    | KS199227    |
| 100 x 50   | KS199228    |



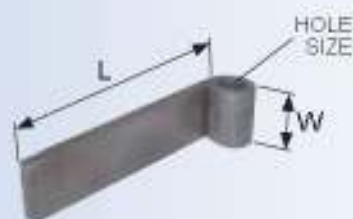
## Round Plastic End Cap

| DIMENSIONS | PART NUMBER |
|------------|-------------|
| 16         | KS11792     |
| 20         | KS11788     |
| 25         | KS11784     |
| 30         | KS11776     |
| 90         | KS460677    |
| 100        | KS460679    |

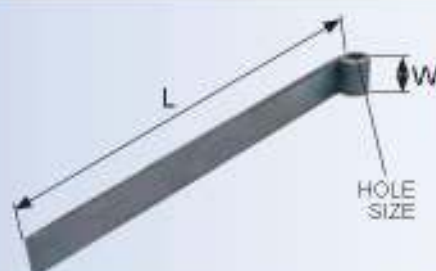


## Plastic Cap to suit Hex Bolt

| HEX DIMENSION | TO SUIT BOLT | PART NUMBER |
|---------------|--------------|-------------|
| 7.9           | M5           | KS15211     |
| 9.8           | M6           | KS12837     |
| 12.8          | M8           | KS12838     |
| 16.8          | M10          | KS12839     |
| 18.8          | M12          | KS12840     |
| 21.8          | M14          | KS12841     |
| 23.8          | M16          | KS12842     |
| 29.7          | M20          | KS12970     |
| 35.7          | M24          | KS12893     |

**Small Straight Hinge**

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 50     | 30     | 6                    | 13.5      | 10206       |
| 50     | 40     | 8                    | 13.5      | M00040240   |
| 70     | 40     | 8                    | 13.5      | 10360       |
| 150    | 30     | 6                    | 13.5      | M01210610   |
| 150    | 40     | 8                    | 13.5      | 10010       |
| 150    | 40     | 8                    | 16        | 10050       |

**Large Straight Hinge**

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 457    | 40     | 8                    | 13.5      | 10001       |
| 508    | 40     | 8                    | 13.5      | M00042040   |
| 609    | 40     | 8                    | 13.5      | M00042440   |

**Large Straight Hinge Galvanised**

|     |    |   |      |       |
|-----|----|---|------|-------|
| 457 | 40 | 8 | 13.5 | 10276 |
|-----|----|---|------|-------|

**Spade Hinge**

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 81     | 76.2   | 9.5                  | 13.2      | 10037       |
| 81     | 76.2   | 9.5                  | 16.5      | 10036       |

**Forged Tube for Hinges**

| L (mm) | W (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|-----------|-------------|
| 38.1   | 25.4   | 13.2      | M03300010   |

**Bolt**

Used in conjunction with MG176 Hinge (Below)

| L (mm) | W (mm) | PART NUMBER |
|--------|--------|-------------|
| 92     | 11     | MG175       |

**Light Hinge**

Used in conjunction with MG175 Bolt (Above)

| L (mm) | W (mm) | PART NUMBER |
|--------|--------|-------------|
| 100    | 30     | MG176       |



Lift-off Barrel Hinge

| L (mm) | PIN DIAMETER (mm) | PART NUMBER |
|--------|-------------------|-------------|
| 135    | 12                | 10260       |
| 195    | 16                | 10317       |



Lift-off Hinge

| SIDE       | L (mm) | W (mm) | PLATE THICKNESS (mm) | PART NUMBER |
|------------|--------|--------|----------------------|-------------|
| Left Hand  | 52     | 75     | 3                    | 10250       |
| Right Hand | 52     | 75     | 3                    | 10252       |



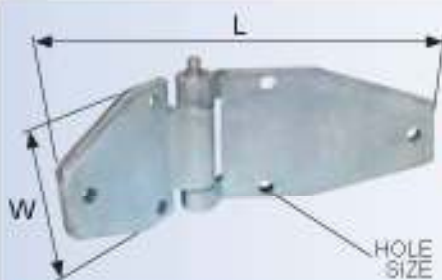
Coach Hinge

| L (mm) | W (mm) | PLATE THICKNESS (mm) | PART NUMBER |
|--------|--------|----------------------|-------------|
| 140    | 50     | 3.7                  | 10207       |



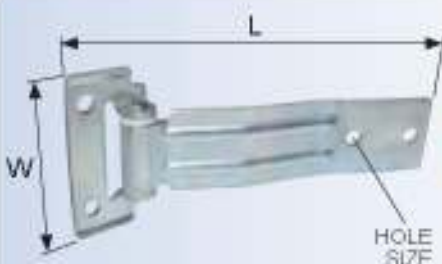
Door Hinge - Stainless Steel

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 148    | 65     | 3                    | 6.7       | 10275       |



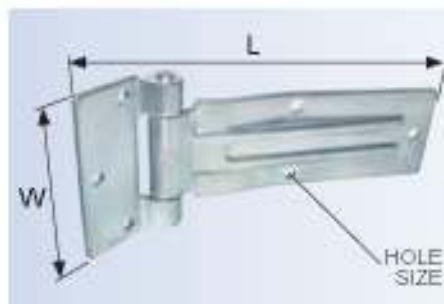
Door Hinge - Mild Steel

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 186    | 65     | 4                    | 6.7       | M0461CZP2   |



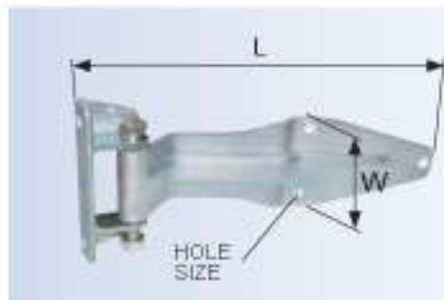
Small Hinge

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 155.5  | 32     | 3                    | 6.5       | M7616FCR2   |



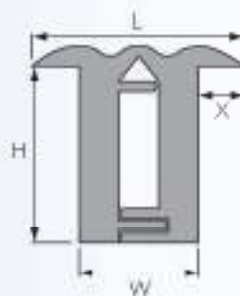
**Hinge - Zinc Plated**

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 230    | 85     | 4                    | 10        | 10219       |



**Rear Door Hinge c/w Bracket**

| L (mm) | W (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|----------------------|-----------|-------------|
| 295    | 90     | 4                    | 10.5      | 10204       |



**Ridged PVC Hinge**

Designed & manufactured for horizontal use only

| L (mm) | H (mm) | W (mm) | X (mm) | LENGTH SUPPLIED (m) | PART NUMBER |
|--------|--------|--------|--------|---------------------|-------------|
| 27     | 24     | 13.5   | 6.5    | 3                   | 10222       |

A full range of Electrical Installation material & equipment can be found in our Vehicle Electrics Catalogue such as Batteries, Beacons, Lamps, Reflectors etc.  
A printed catalogue is available from our Sales Representatives or you can download a digital copy via our website at [www.mchugh-kramp.ie](http://www.mchugh-kramp.ie)



### Trailer Lighting Board - 4 Foot Wide

| DESCRIPTION                                 | CABLE LENGTH | PART NUMBER |
|---------------------------------------------|--------------|-------------|
| 4 ft. Trailer Board                         | 5 metre      | 4TLB5       |
| 4 ft. Trailer Board                         | 10 metre     | 4TLB10      |
| <b>REPLACEMENT PARTS TO SUIT</b>            |              |             |
| Replacement Lens to suit Trailer Board      |              | MP5B        |
| 12V Replacement Bulbs to suit Trailer Board |              | 382 & 380   |



### Light Modules

| DESCRIPTION                                 | CABLE LENGTH | PART NUMBER |
|---------------------------------------------|--------------|-------------|
| 6 ft. Lighting Module                       | 8.5 metre    | PLM85       |
| 10 ft. Lighting Module                      | 14 metre     | PLM14       |
| Replacement Lens to suit Trailer Board      |              | MP5B        |
| 12V Replacement Bulbs to suit Trailer Board |              | 382 & 380   |



### Bolt On Lighting Kit

| DESCRIPTION                                | CABLE LENGTH | PART NUMBER |
|--------------------------------------------|--------------|-------------|
| Lighting Kit Bolt On                       | 7.5 metre    | LA97510     |
| <b>REPLACEMENT PARTS TO SUIT</b>           |              |             |
| 3 Function Lamp                            |              | LA11003     |
| 4 Function Lamp                            |              | LA11004     |
| 12V Replacement Bulbs to suit Lighting Kit |              | 382 & 380   |



### Magnetic Lighting Kit

| DESCRIPTION                                | CABLE LENGTH | PART NUMBER |
|--------------------------------------------|--------------|-------------|
| Magnetic Lighting Kit                      | 7.5 metre    | LA97520     |
| Magnetic Lighting Kit                      | 12 metre     | LA91220     |
| <b>REPLACEMENT PARTS TO SUIT</b>           |              |             |
| 3 Function Lamp                            |              | LA11003     |
| 4 Function Lamp                            |              | LA11004     |
| 12V Replacement Bulbs to suit Lighting Kit |              | 382 & 380   |



### Magnetic Lighting Kit c/w Reflectors

| DESCRIPTION                                | CABLE LENGTH | PART NUMBER |
|--------------------------------------------|--------------|-------------|
| Magnetic Lighting Kit c/w Reflectors       | 7.5 metre    | LA97530     |
| Magnetic Lighting Kit c/w Reflectors       | 12 metre     | LA91230     |
| <b>REPLACEMENT PARTS TO SUIT</b>           |              |             |
| 3 Function Lamp                            |              | LA11003     |
| 4 Function Lamp                            |              | LA11004     |
| 12V Replacement Bulbs to suit Lighting Kit |              | 382 & 380   |



## Lighting Kits in Display Packs

| DESCRIPTION                          | CABLE LENGTH | PART NUMBER |
|--------------------------------------|--------------|-------------|
| Lighting Kit Bolt On                 | 7.5 metre    | LA97511     |
| Magnetic Lighting Kit                | 7.5 metre    | LA97521     |
| Magnetic Lighting Kit                | 12 metre     | LA91221     |
| Magnetic Lighting Kit c/w Reflectors | 7.5 metre    | LA97531     |



## Lighting Kits

Lighting sets can be manufactured to your own specifications with detachable components for easy assembly. You can choose from a wide range of lights and connections to suit your requirements. Contact our Sales Staff with your inquiries.

Minimum order quantity 50



## Warning Triangle 'E' Approved

Packed in Plastic Case

| DESCRIPTION      | PART NUMBER |
|------------------|-------------|
| Warning Triangle | MP120       |



## Round Reflector with Bolt Hole

| COLOUR | DESCRIPTION           | PART NUMBER |
|--------|-----------------------|-------------|
| White  | 60 mm Round Reflector | LA52000     |
| Amber  | 60 mm Round Reflector | LA52010     |
| Red    | 60 mm Round Reflector | LA52040     |



## Round Reflector with Adhesive Backing

| COLOUR | DESCRIPTION                    | PART NUMBER |
|--------|--------------------------------|-------------|
| White  | 60 mm Adhesive Round Reflector | LA54000     |
| Amber  | 60 mm Adhesive Round Reflector | LA54010     |
| Red    | 60 mm Adhesive Round Reflector | LA54040     |



Reflector with Adhesive Backing (57 x 39 mm)

| COLOUR | DESCRIPTION                   | PART NUMBER |
|--------|-------------------------------|-------------|
| White  | 57 x 39 mm Adhesive Reflector | LA55000     |
| Amber  | 57 x 39 mm Adhesive Reflector | LA55010     |
| Red    | 57 x 39 mm Adhesive Reflector | LA55040     |



Reflector with Adhesive Backing (71 x 35 mm)

| COLOUR | DESCRIPTION                   | PART NUMBER |
|--------|-------------------------------|-------------|
| White  | 71 x 35 mm Adhesive Reflector | LA59000     |
| Amber  | 71 x 35 mm Adhesive Reflector | LA59010     |
| Red    | 71 x 35 mm Adhesive Reflector | LA59040     |



Reflector with Adhesive Backing (94 x 44 mm)

| COLOUR | DESCRIPTION                   | PART NUMBER |
|--------|-------------------------------|-------------|
| White  | 94 x 44 mm Adhesive Reflector | LA58000     |
| Amber  | 94 x 44 mm Adhesive Reflector | LA58010     |
| Red    | 94 x 44 mm Adhesive Reflector | LA58040     |



Reflector with Adhesive Backing (105 x 48 mm)

| COLOUR | DESCRIPTION                    | PART NUMBER |
|--------|--------------------------------|-------------|
| White  | 105 x 48 mm Adhesive Reflector | LA56000     |
| Amber  | 105 x 48 mm Adhesive Reflector | LA56010     |
| Red    | 105 x 48 mm Adhesive Reflector | LA56040     |



Reflector with Holes (105 x 48 mm)

| COLOUR | DESCRIPTION                      | PART NUMBER |
|--------|----------------------------------|-------------|
| White  | 105 x 48 mm Reflector with Holes | LA57000     |
| Amber  | 105 x 48 mm Reflector with Holes | LA57010     |
| Red    | 105 x 48 mm Reflector with Holes | LA57040     |



### Red Reflective Triangle with Bolt Holes

| DESCRIPTION                          | PART NUMBER |
|--------------------------------------|-------------|
| 155 X 135 mm Red Reflective Triangle | LA51040     |



### Red Reflective Triangle with Bolt Holes c/w White Surround

| DESCRIPTION                            | PART NUMBER |
|----------------------------------------|-------------|
| Red Reflective Triangle c/w White Back | MP18B       |



### Reflective Marker Tape - 50 Foot Rolls

| DESCRIPTION                      | PART NUMBER |
|----------------------------------|-------------|
| LH - REAR Marker Tape, 50ft Roll | MIR2LH      |
| RH - REAR Marker Tape, 50ft Roll | MIR2RH      |
| LH - SIDE Marker Tape, 50ft Roll | MIS2LH      |
| RH - SIDE Marker Tape, 50ft Roll | MIS2RH      |



### Reflector Marker Board

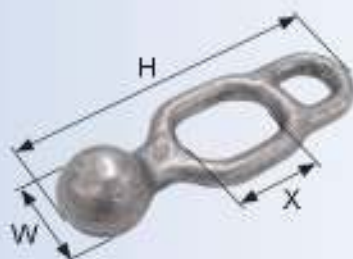
| DESCRIPTION                 | PART NUMBER |
|-----------------------------|-------------|
| LH - Reflector Marker Board | WB21405     |
| RH - Reflector Marker Board | WB21505     |



### " Long Vehicle " Signs - Sold as a Pair

| DESCRIPTION                    | PART NUMBER |
|--------------------------------|-------------|
| Pair of " Long Vehicle " Signs | 10235       |

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**Double Link Lock**

| H<br>(mm) | W<br>(mm) | X<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-------------|
| 125       | 43        | 38        | 10063       |



**Catch Plate for Locking Bar Handle**

Used in conjunction with M0254P001 Handle (Below)

| H<br>(mm) | L<br>(mm) | W<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-------------|
| 50        | 50        | 37        | M02540020   |



**Pin for Locking Bar Handle**

Used in conjunction with M02540020 Catch (Above)

| DESCRIPTION                | PART NUMBER |
|----------------------------|-------------|
| Pin for Locking Bar Handle | M0254P001   |



**Locking Bar Eye**

| L<br>(mm) | H<br>(mm) | W<br>(mm) | TO SUIT BAR<br>SIZE (mm) | PART NUMBER |
|-----------|-----------|-----------|--------------------------|-------------|
| 44.5      | 44.5      | 25.4      | 20.5                     | M03200010   |
| 44.5      | 44.5      | 25.4      | 26                       | M03200030   |



**Eye Bolt for Locking Bar**

| L<br>(mm) | W<br>(mm) | H<br>(mm) | X<br>(mm) | D   | TO SUIT BAR<br>SIZE (mm) | PART NUMBER |
|-----------|-----------|-----------|-----------|-----|--------------------------|-------------|
| 44.5      | 26.2      | 44.5      | 47.5      | M16 | 26                       | M03180020   |



**Forged Eye Bolt c/w Nut**

Shank Threaded to take 1/2" WW Nut

| L<br>(mm) | T    | TO SUIT BAR<br>SIZE (mm) | PART NUMBER |
|-----------|------|--------------------------|-------------|
| 76.2      | 1/2" | 20.5                     | M03140010   |



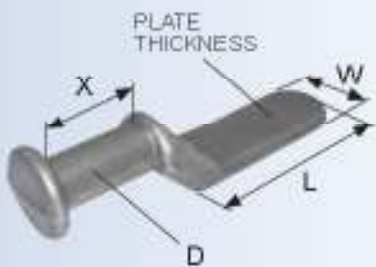
Locking Bar Tabs

| L (mm) | X (mm) | H (mm) | TO SUIT BAR SIZE (mm) | PART NUMBER |
|--------|--------|--------|-----------------------|-------------|
| 79.4   | 35     | 30     | 20.5                  | M01910000   |
| 79.4   | 36.5   | 36.5   | 26                    | M02920020   |



Locking Bar Tabs

| L (mm) | X (mm) | H (mm) | TO SUIT BAR SIZE (mm) | PART NUMBER |
|--------|--------|--------|-----------------------|-------------|
| 44.5   | 34.9   | 28.6   | 26.2                  | M01130030   |



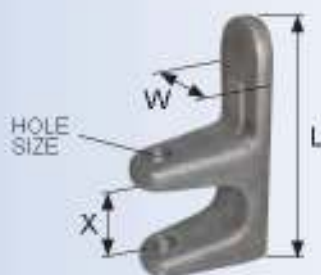
Tailboard Lug

| L (mm) | W (mm) | X (mm) | D (mm) | PLATE THICKNESS (mm) | PART NUMBER |
|--------|--------|--------|--------|----------------------|-------------|
| 88.9   | 31.8   | 38.1   | 19.1   | 7.9                  | 10032       |
| 88.9   | 38.1   | 38.1   | 25.4   | 9.5                  | 10033       |



Tailboard Lug - Heavy Duty

| L (mm) | W (mm) | X (mm) | D (mm) | PART NUMBER |
|--------|--------|--------|--------|-------------|
| 139    | 50.8   | 31.8   | 25.4   | M00830000   |



Tailboard Forkets (Weld On)

| L (mm) | W (mm) | X (mm) | PLATE THICKNESS (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|--------|----------------------|-----------|-------------|
| 90     | 32     | 25     | 8                    | 10.5      | 10034       |
| 110    | 32     | 30     | 8                    | 10.5      | 10035       |



### Tailboard Forkets (Weld On)

To suit 3/4" Lug

| L<br>(mm) | W<br>(mm) | X<br>(mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-----------|--------------|-------------|
| 53.2      | 31.8      | 47.6      | 10.3         | M03310000   |



### Heavy Duty Tailboard Forkets (Weld On)

| L<br>(mm) | W<br>(mm) | X<br>(mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|-----------|--------------|-------------|
| 53.2      | 31.8      | 47.6      | 10.3         | M03490000   |



### Locking Bar Hook

| L<br>(mm) | W<br>(mm) | TO SUIT BAR<br>SIZE (mm) | PART NUMBER |
|-----------|-----------|--------------------------|-------------|
| 66.7      | 25.4      | 20.5                     | M01880010   |
| 66.7      | 25.4      | 26.2                     | M01880030   |



### Locking Bar Bracket

| L<br>(mm) | W<br>(mm) | TO SUIT BAR<br>SIZE (mm) | PLATE<br>THICKNESS (mm) | HOLE<br>SIZE | PART NUMBER |
|-----------|-----------|--------------------------|-------------------------|--------------|-------------|
| 100       | 33.3      | 26                       | 8                       | 8.7          | M01900030   |



### Skip Lug

| L<br>(mm) | W<br>(mm) | D<br>(mm) | X<br>(mm) | PART NUMBER |
|-----------|-----------|-----------|-----------|-------------|
| 50.8      | 50.8      | 38.1      | 28.6      | M14390000   |



**Buffer**

| L (mm) | W (mm) | BUFFER THICKNESS (mm) | PART NUMBER |
|--------|--------|-----------------------|-------------|
| 200    | 50     | 50                    | 10203       |



**Buffer**

| L (mm) | W (mm) | BUFFER THICKNESS (mm) | PART NUMBER |
|--------|--------|-----------------------|-------------|
| 127    | 44     | 50                    | 10255       |



**Oval Buffer**

| L (mm) | W (mm) | BUFFER THICKNESS (mm) | PART NUMBER |
|--------|--------|-----------------------|-------------|
| 70     | 38     | 20                    | 10254       |



**Sponge Rubber Strip - Self Adhesive**

| STRIP DIMENSIONS (mm) | ROLL LENGTH (m) | PART NUMBER |
|-----------------------|-----------------|-------------|
| 12 x 6                | 10              | 10233       |



### Cargo Strap / Ratchet Lashings

Ratchet lashings are manufactured from 100 % polyester webbing with zinc plated hooks and ratchets. They are used for restraining loads on lorries, vans and trailers

| DIMENSIONS        | PART NUMBER |
|-------------------|-------------|
| 25 mm x 5 metres  | TS2025A     |
| 35 mm x 9 metres  | TS2035A     |
| 50 mm x 9 metres  | TS2050E     |
| 50 mm x 12 metres | TS2050G     |
| 18 metres         | TS2050H     |

\* PLEASE NOTE: Non standard lengths are available upon request



### Web Slings

Web Slings are manufactured from 100 % polyester webbing. They are particularly useful for lifting awkwardly shaped loads. They will minimise the damage to smooth or painted surfaces. Each web is colour code as per CEN Euro norm

| LOAD CAPACITY | LENGTH | COLOUR | PART NUMBER |
|---------------|--------|--------|-------------|
| 1 Ton         | 2 m    | Violet | WBS102      |
| 2 Ton         | 2 m    | Green  | WBS202      |
| 2 Ton         | 3 m    | Green  | WBS203      |
| 2 Ton         | 4 m    | Green  | WBS204      |
| 3 Ton         | 4 m    | Yellow | WBS304      |
| 3 Ton         | 5 m    | Yellow | WBS305      |
| 3 Ton         | 6 m    | Yellow | WBS306      |
| 4 Ton         | 3 m    | Grey   | WBS403      |
| 4 Ton         | 4 m    | Grey   | WBS404      |
| 4 Ton         | 4.5 m  | Grey   | WBS4045     |
| 4 Ton         | 5 m    | Grey   | WBS405      |
| 5 Ton         | 8 m    | Red    | WBS508      |

\* PLEASE NOTE: Non standard lengths are available upon request



### Banger Type Loadbinder to suit 10 mm chain

They are used for restraining loads on lorries, vans and trailers. They can be used in conjunction with standard loadbinders, ratchet type load binders, turnbuckles and commercial shackles

| DESCRIPTION                                            | PART NUMBER |
|--------------------------------------------------------|-------------|
| Loadbinder - Banger Type                               | LB10        |
| Chain to suit available upon request - Length Required | LBC10       |



### Ratchet Type Loadbinder to suit 10 mm chain

They are used for restraining loads on lorries, vans and trailers. They can be used in conjunction with standard loadbinders, ratchet type load binders, turnbuckles and commercial shackles

| DESCRIPTION                                            | PART NUMBER |
|--------------------------------------------------------|-------------|
| Loadbinder - Ratchet Type                              | LBR10       |
| Chain to suit available upon request - Length Required | LBC10       |

We can also supply a large range of loading and lifting chains and accessories, made to order



### Trailer Winch

- With safety ratchets
- Fully zinc plated
- Precision made solid gear design
- CE Approved

| WORK CAPACITY | BREAKING CAPACITY | GEAR RATIO | PART NUMBER |
|---------------|-------------------|------------|-------------|
| 500 Kg        | 1500 Kg           | 4:1        | MP7974      |



### 12V Electric Winch

- A highly portable powerful winch ideal for pulling or manoeuvring trailers, caravans, boats, automobiles or any pulling job around the home or farm
- Capable of handling rolling loads of 2500 Kg or with a double line pull 5000Kg
- With 9m of 4.6mm steel cable with forged hooks and double line pulley
- Remote control comes with 3m of cable
- Free wheel cable release and emergency manual crank
- Easy to use slot on mounting plate which also serves as a tow ball adaptor plate
- Power consumption 20-30 amps @ 12 Volts

| DESCRIPTION                               | PART NUMBER |
|-------------------------------------------|-------------|
| 12V Electric Winch complete with 9m cable | MP799       |



### Elastic Tow Rope

- Conforms to BSAU187
- Supplied complete with 2 forged Hooks
- Length 1.5 m - 4 m
- Capacity 2000 Kg

| DESCRIPTION                           | PART NUMBER |
|---------------------------------------|-------------|
| 2000 Kg Elastic Towing Rope c/w Hooks | MP609       |



### Steel Tow Chain

| LINK THICKNESS (mm) | LENGTH (ft) | PART NUMBER |
|---------------------|-------------|-------------|
| 10                  | 12          | 05045       |
| 13                  | 12          | 05047       |
| 16                  | 12          | 05048       |
| 19                  | 12          | 05049       |



### Heavy Duty Load Restraint Track

| L (mm) | W (mm) | DEPTH (mm) | HOLE SIZE | PART NUMBER |
|--------|--------|------------|-----------|-------------|
| 3.05   | 82     | 15         | 25        | 10223       |



### Pallet Feet

| L (mm) | W (mm) | PLATE THICKNESS (mm) | PART NUMBER |
|--------|--------|----------------------|-------------|
| 130    | 130    | 2.4                  | 10226       |

## Road Sweeper Brushes

We have a comprehensive range of Road Sweeper Brushes with a wide range of sweeper applications from shopping malls, city streets and pedestrian areas to new roads, building sites and major international airports.

Excellent quality, exceptional durability and superior performance, the brushes have been designed as a result of close consultation and partnerships with OEM's.

Contact our Sales Staff if you need any assistance or do not find any product you maybe looking for.



### Segment Brushes

| ID (Inch) | OD (Inch) | WIRE  | APPLICATION     | PART NUMBER |
|-----------|-----------|-------|-----------------|-------------|
| 5         | 20        | Poly  |                 | 105050BR    |
| 5         | 20        | Steel |                 | 205050BR    |
| 5         | 22        | Poly  | NC Eng. Sweeper | 105550BR    |
| 5         | 22        | Steel | NC Eng. Sweeper | 205550BR    |
| 6         | 20        | Poly  |                 | T00611BR    |
| 6         | 23        | Poly  | Major Sweeper   | 105860BR    |
| 6         | 23        | Steel | Major Sweeper   | 205860BR    |
| 7         | 27        | Poly  |                 | 107070BR    |
| 7         | 27        | Steel |                 | 207070BR    |



### Spacers to suit Segment Brushes

| ID (Inch) | WIDTH (mm) | TYPE    | PART NUMBER |
|-----------|------------|---------|-------------|
| 3         | 25         | Plastic | 253025BR    |
| 7         | 30         | Metal   | T00192BR    |
| 7         | 30         | Plastic | 257030BR    |



### Zig-Zag Segment Brushes to suit Bobcat Sweeper

| ID (mm) | WIDTH (mm) | WIRE | APPLICATION    | PART NUMBER |
|---------|------------|------|----------------|-------------|
| 162     | 540        | Poly | Bobcat Sweeper | T00185BR    |



### Strip Brushes

Offers a unique sweeping performance that maybe used to sweep dusty and sandy surfaces

| LENGTH (mm) | WIDTH (mm) | BRISTLE LENGTH | ROW TYPE | APPLICATION | PART NUMBER |
|-------------|------------|----------------|----------|-------------|-------------|
| 608         | 72         | 135            | 27x4     | SISIS       | T00353BR    |

Brushes made to suit *Bobcat, Hako, Jack Allen, Johnston, Scarab, Schorling* and many other types.

Open up areas of business such as, Local Authorities, Construction, Airports, Theme Parks, Contractors, Plant Hire Companies, Sports Grounds and Racing Circuits.



## Truck Mounted Segment Brushes

| ID (Inch) | OD (Inch) | WIRE  | APPLICATION                                       | PART NUMBER |
|-----------|-----------|-------|---------------------------------------------------|-------------|
| 5         | 15        | Poly  | Johnston 600 / 625                                | 103850BR    |
| 5         | 15        | Steel | Johnston 600 / 625                                | 203850BR    |
| 110 mm    | 320 mm    | Poly  | Johnston 500<br>Scarab Minor<br>Major 3000 & 5000 | T00212BR    |



## Spacers to suit Truck Mounted Segment Brushes

| ID (Inch) | WIDTH (mm) | TYPE    | APPLICATION  | PART NUMBER |
|-----------|------------|---------|--------------|-------------|
| 5         | 30         | Metal   | Johnston 600 | T00180BR    |
| 5         | 30         | Plastic | Johnston 600 | 255030BR    |



## Front, Gutter & Channel Broom

| TOP OD (mm) | BRUSH SPREAD (mm) | MATERIAL    | TYPE  | WIRE         | APPLICATION                                | PART NUMBER |
|-------------|-------------------|-------------|-------|--------------|--------------------------------------------|-------------|
| 318         | 508               | Marine Ply  | 4 Row | Steel        | Johnston 600                               | T00319BR    |
| 318         | 508               | Marine Ply  | 3 Row | Steel        | Johnston 600                               | T00321BR    |
| 500         | 800               | Marine Ply  | 2 Row | Poly         | Johnston 2000 Compact                      | T00394BR    |
| 406         | 685               | Marine Ply  | 4 Row | Steel / Poly | Schorling & Bucher                         | T00498BR    |
| 495         | 800               | White Resin | 2 Row | Poly         | Johnston Precinct Comp.<br>Schmidt Compact | T00197BR    |



## Precinct Sweeper Brush

| ID (mm) | BRUSH SPREAD (mm) | MATERIAL      | TYPE  | WIRE | APPLICATION       | PART NUMBER |
|---------|-------------------|---------------|-------|------|-------------------|-------------|
| 235     | 457               | Pressed Steel | 1 Row | Poly | The Green Machine | T00198BR    |

## Rubber Tracks Introduction

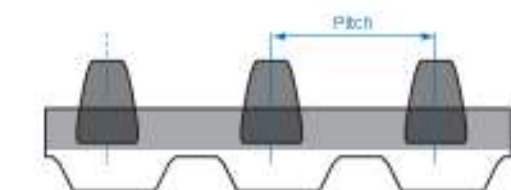
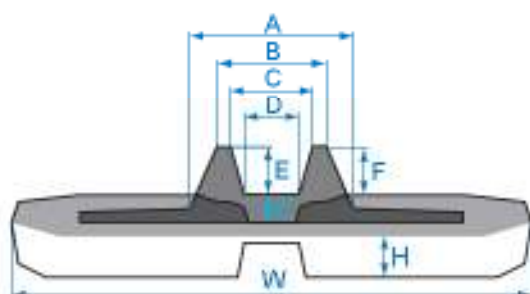
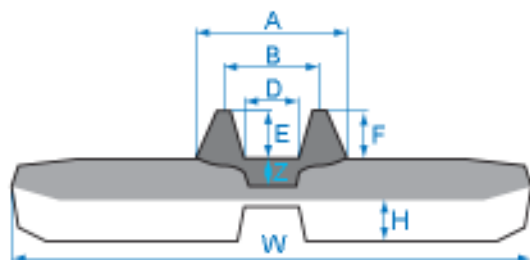
The rubber tracks application list shown is only part of a much bigger data base of crawler applications that Mc Hugh & Kramp use to identify Rubber Tracks. If you can not find the make and model that you are looking for in our application list please contact our Sales Staff for help and assistance in identifying your track requirements. Any track identified which is not available off our shelf would normally only take 3-4 days for delivery.



## Track Identification

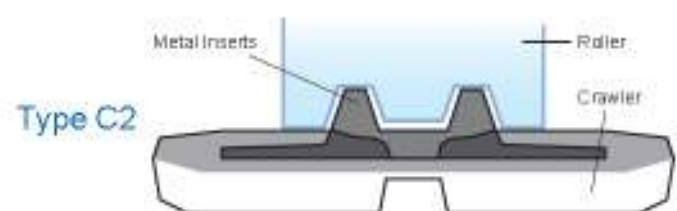
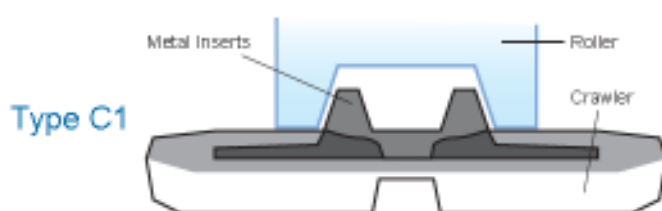
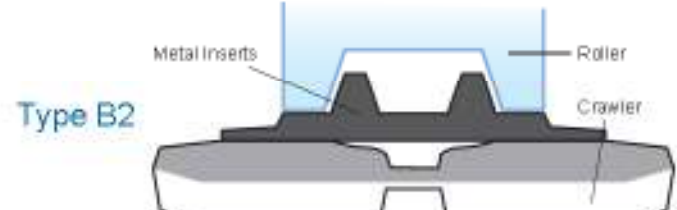
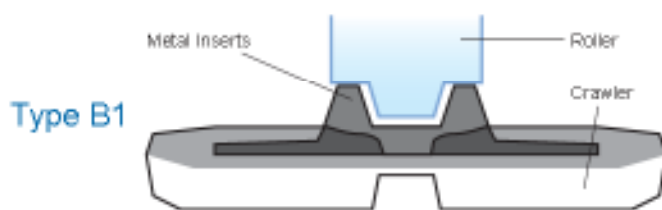
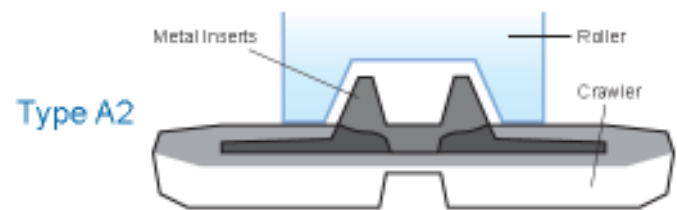
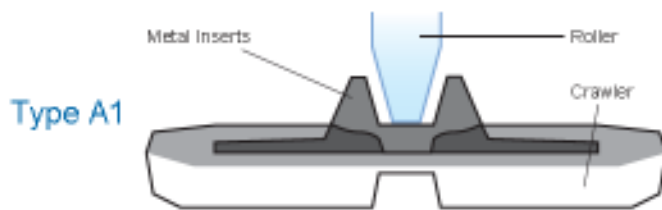
Rubber tracks are measured by

- Width
- Pitch Size
- and Number of Links



|               | A   | B   | C  | D  | E    | F    | Z    | H      | W   |
|---------------|-----|-----|----|----|------|------|------|--------|-----|
| 180x60x...    | 62  | 44  |    | 24 | 31   | 31   | 14   | 14     | 180 |
| 180x72x...    | 64  | 44  |    | 24 | 29   | 29   | 14   | 15     | 180 |
| 190x72x...    | 68  | 44  |    | 21 | 26.5 | 26.5 | 14   | 17     | 190 |
| 200x72x...    | 65  | 44  |    | 24 | 28   | 25   | 13   | 18     | 200 |
| 230x48x...    | 72  | 66  | 32 | 24 | 25   | 26   | 18   | 24     | 230 |
| 230x72x...    | 85  | 48  |    | 24 | 24   | 24   | 16   | 19     | 230 |
| 230x96x...    | 70  | 64  | 30 | 26 | 23   | 26   | 19.5 | 24     | 230 |
| 230x101x...   | 78  | 66  | 32 | 26 | 23   | 29   | 25   | 24     | 230 |
| 250x52.5x...  | 75  | 64  | 35 | 29 | 23.5 | 26   | 23   | 24     | 250 |
| 250x72x...    | 79  | 52  |    | 24 | 30   | 28   | 17   | 18     | 250 |
| 260x96Yx...   | 70  | 60  | 29 | 25 | 21   | 21   | 22   | 23     | 260 |
| 260x109x...   | 84  | 76  | 36 | 32 | 24   | 28   | 28.5 | 24     | 260 |
| 280x106Yx...  | 80  | 70  | 36 | 29 | 28   | 28   | 22   | 24     | 280 |
| 300x52.5Ax... | 84  | 72  | 36 | 30 | 26   | 20   | 21   | 17     | 300 |
| 300x52.5Bx... | 94  | 83  | 46 | 42 | 23   | 23   | 23   | 23     | 300 |
| 300x55x...    | 82  | 73  | 37 | 30 | 27   | 29   | 27   | 24     | 300 |
| 300x55.5x...  | 78  | 74  | 35 | 28 | 22   | 27   | 30   | 24     | 300 |
| 300x108Ax...  | 82  | 65  | 35 | 31 | 27   | 28   | 20.8 | 25     | 300 |
| 300x109Bx...  | 92  | 84  | 44 | 42 | 26   | 28   | 31   | 24     | 300 |
| 300x109Kx...  | 86  | 74  | 34 | 26 | 25   | 30   | 31   | 25     | 300 |
| 300x54x...    | 80  | 72  | 40 | 30 | 23   | 21   | 20   | 20     | 320 |
| 320x84x...    | 102 | 72  |    | 44 | 48   | 36   | 20   | 30     | 320 |
| 320x86x...    | 80  | 60  |    | 36 | 43   | 29   | 15   | 28     | 320 |
| 320x90x...    | 86  | 56  |    | 32 | 51   | 35   | 24.5 | 30     | 320 |
| 320x100x...   | 82  | 60  |    | 36 | 33   | 28   | 24   | 24     | 320 |
| 320x106Yx...  | 80  | 72  | 34 | 30 | 29   | 29   | 22   | 24     | 320 |
| 350x52.5x...  | 90  | 80  | 48 | 40 | 25   | 23   | 22   | 22     | 350 |
| 350x56x...    | 88  | 82  | 48 | 38 | 24   | 16   | 26   | 24     | 350 |
| 350x75.5x...  | 98  | 88  | 42 | 38 | 24   | 27   | 40   | 22(16) | 350 |
| 350x90x...    | 72  | 84  |    | 26 | 29   | 23   | 16   | 33     | 350 |
| 350x109x...   | 90  | 84  | 46 | 37 | 26   | 17   | 28   | 24     | 350 |
| 370x107Yx...  | 91  | 82  | 42 | 37 | 29   | 29   | 22   | 24     | 370 |
| 400x72.5Ax... | 95  | 88  | 45 | 38 | 26   | 24   | 31   | 24     | 400 |
| 400x72.5Bx... | 108 | 99  | 57 | 48 | 26   | 21   | 31   | 24     | 400 |
| 400x75.5x...  | 100 | 90  | 42 | 38 | 24   | 27   | 40   | 24(18) | 400 |
| 400x90x...    | 80  | 60  |    | 44 | 33   | 29   | 18   | 33     | 400 |
| 400x144x...   | 98  | 82  | 54 | 45 | 26   | 21   | 33   | 24     | 400 |
| 400x107Yx...  | 90  | 82  | 44 | 39 | 30   | 29   | 28   | 24     | 400 |
| 400x142Kx...  | 90  | 80  | 34 | 28 | 28   | 33   | 28   | 24     | 400 |
| 400x144Y...   | 129 | 90  | 44 | 35 | 30   | 29   | 32   | 25     | 400 |
| 420x100x...   | 98  | 74  |    | 46 | 51   | 35   | 31   | 30     | 420 |
| 450x71x...    | 112 | 108 | 48 | 42 | 28   | 20   | 28   | 24     | 450 |
| 450x73.5x...  | 118 | 102 | 50 | 42 | 32   | 34   | 38   | 30     | 450 |
| 450x76x...    | 124 | 110 | 60 | 48 | 32   | 32   | 38   | 28     | 450 |
| 450x81Ax...   | 116 | 106 | 54 | 40 | 24.5 | 23   | 38   | 24     | 450 |
| 450x81Bx...   | 141 | 126 | 66 | 60 | 60   | 33.5 | 33   | 24     | 450 |
| 450x83.5x...  | 114 | 104 | 54 | 44 | 23   | 25   | 37.5 | 30     | 450 |
| 450x84x...    | 96  | 72  |    | 46 | 50   | 35   | 20   | 30     | 450 |
| 450x90x...    | 85  | 58  |    | 37 | 47   | 30   | 22.5 | 30     | 450 |
| 450x100x...   | 104 | 81  | 63 | 47 | 52   | 46.5 | 16.8 | 28     | 450 |
| 450x163Kx...  | 116 | 100 | 50 | 40 | 29   | 33   | 38   | 30     | 450 |
| 500x90x...    | 90  | 70  |    | 46 | 50   | 33   | 31.5 | 30     | 500 |
| 600x100x...   | 112 | 74  |    | 44 | 60   | 49   | 35.5 | 40     | 600 |
| 700x100x...   | 118 | 74  |    | 42 | 76   | 58   | 34.5 | 40     | 700 |

## Guiding Roller Configuration



## Application Listing

| MACHINE MAKE | MODEL                                                                                     | TRACK TYPE | ORIGINAL TRACK SIZE | PART NUMBER |
|--------------|-------------------------------------------------------------------------------------------|------------|---------------------|-------------|
| Bobcat       | X231, X331, X331E, X334                                                                   | B1         | 320X54X78           | 320X54X78   |
|              | X445, 9007 ALLIANCE                                                                       | B1         | 450X71X80           | 450X71X80   |
|              | X320 DELTA, DELTA, X322, E322E, X320E                                                     | B1         | 230X96X33           | 230X96X33   |
|              | X119, X120, X122, Y12                                                                     | A1         | 230X72X43           | 230X72X43   |
| Case         | 9700                                                                                      | B1         | 450X73.5X80         | 450X73.5X80 |
|              | 15, 15 MAXI, 16, 16 MAXI, 16 RTN, 9015, 9017, CK16, CX15, CX16                            | B1         | 230X96X31           | 230X96X31   |
|              | 31, 31 MAXI, CK31                                                                         | B1         | 300X109X40          | 300X109X40  |
|              | 50, 50 MAXI, 50RTB, CK52                                                                  | B1         | 400X72.5X72         | 400X72.5X72 |
|              | 9007 ALLIANCE                                                                             | B1         | 450X71X80           | 450X71X80   |
|              | CK32                                                                                      | B1         | 300X54X78           | 300X54X78   |
|              | CK36                                                                                      | B1         | 300X109X41          | 300X52.5X84 |
|              | CK36                                                                                      | B1         | 300X109X41          | 300X109X41  |
|              | CK50                                                                                      | B1         | 400X72.5X74         | 400X72.5X74 |
| Caterpillar  | 301-1, 301-5, 301-6, MM15T                                                                | B1         | 230X96X31           | 230X96X31   |
|              | 301-6, 301-8, ME15, MH15, MM15                                                            | B1         | 230X96X33           | 230X96X33   |
|              | 304, 304-5, MM40B, MM40T, MM45, MM45B, MM45T, MM55R, MM57SR, MX45, REGA 305CR, REGA 305SR | B1         | 400X72.5X72         | 400X72.5X72 |
|              | ME40, ME45                                                                                | B1         | 400X72.5X70         | 400X72.5X70 |
|              | MM35, MM35B, MM35T, MM40SR, REGA 303CR                                                    | B1         | 300X52.5X84         | 300X52.5X84 |
| Hinowa       | C15, DM15, DM15S, DM55, HP1500, HR15.1, PT15, PT15G, VT1550, VT1550 2V, VT1650, VT1650 V2 | A1         | 230X72X43           | 230X72X43   |
|              | DM30, DM34, VT40002V                                                                      | B1         | 300X52.5X84         | 300X52.5X84 |
|              | DM8, DM8A, M8M, HP800, HP800A, HP800E, HP1000, PT8G                                       | A1         | 180X72X34           | 180X72X34   |
|              | PT30G                                                                                     | B1         | 300X109X41          | 300X52.5X84 |
|              | PT30G                                                                                     | B1         | 300X109X41          | 300X109X41  |
|              | PT70, PT70G                                                                               | B1         | 400X72.5X74         | 400X72.5X74 |
|              | VT3000                                                                                    | B1         | 320X54X78           | 320X54X78   |
|              |                                                                                           | B1         | 320X54X78           | 320X54X78   |

## Application Listing

| MACHINE MAKE | MODEL                                                                                                                                                                                                                                                                                              | TRACK TYPE | ORIGINAL TRACK SIZE | PART NUMBER  |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------|--------------|
| Hitachi      | EX12, EX12.1, EX12.2, EX15, EX15.1, EX15.2, EX15U, E16, SH15.2                                                                                                                                                                                                                                     | B1         | 230X96X31           | 230X96X31    |
|              | EX15U, EX16, EX17, EX17.2, EX17.2B, HE15, ME15, ZAXIS 16, ZAXIS 18                                                                                                                                                                                                                                 | B1         | 230X96X33           | 230X96X33    |
|              | EX25, EX26, EX27                                                                                                                                                                                                                                                                                   | B1         | 300X109X37          | 300X109X37N  |
|              | EX30, EX30.1, EX30.2, EX30U, EX30UR, EX30UR.3, EX32U, EX32UE, EX33MU, EX33U, EX35.2, EX32URG, ZAXIS 30, ZAXIS 35                                                                                                                                                                                   | B1         | 300X52.5X82         | 300X52.5X82K |
|              | EX30, EX30.1, EX30U, EX30UR.3, EX33MU, EX33U, EX35, SH30.2                                                                                                                                                                                                                                         | B1         | 300X55X80           | 300X55X80    |
|              | EX33                                                                                                                                                                                                                                                                                               | B1         | 300X109X41          | 300X52.5X84  |
|              | EX33                                                                                                                                                                                                                                                                                               | B1         | 300X109X41          | 300X109X41   |
|              | EX40.2 PLUS, EX40U, EX45.2, EX50UR, EX50UR.2, EX55, EX55UR, EX55UR.2, EX55UR.3, ZAXIS40, ZAXIS 50U                                                                                                                                                                                                 | B1         | 400X72.5X72         | 400X72.5X72K |
|              | EX45, SH45.5                                                                                                                                                                                                                                                                                       | B1         | 400X72.5X72         | 400X72.5X72  |
| JCB          | 801, 801R, 801.4, 801.5, 801.6, 801.7, 801.8, 8014, 8015, 8015.2, 8016, 8017, 8018, 8018 TG                                                                                                                                                                                                        | B1         | 230X96X31           | 230X96X31    |
|              | 8008                                                                                                                                                                                                                                                                                               | A1         | 180X72X34           | 180X72X34    |
|              | 801, 801R                                                                                                                                                                                                                                                                                          | A1         | 230X72X43           | 230X72X43    |
|              | 802, 802 PLUS, 802 SUPER, 802.4                                                                                                                                                                                                                                                                    | B1         | 250X109X36          | 300X52.5X74  |
|              | 802.7, 802.7 PLUS                                                                                                                                                                                                                                                                                  | B1         | 300X109X36          | 300X109X36   |
|              | 802.8                                                                                                                                                                                                                                                                                              | B1         | 300X52.5X74         | 300X52.5X74  |
|              | 803, 803.3, 803 MAGNUM, 803 PLUS, 803 SUPER, 830, 8032Z                                                                                                                                                                                                                                            | B1         | 300X109X41          | 300X52.5X84  |
|              | 803, 803E, 803 MAGNUM, 803 PLUS, 803 SUPER, 830, 8032Z                                                                                                                                                                                                                                             | B1         | 300X109X41          | 300X109X41   |
|              | 804, 804 PLUS                                                                                                                                                                                                                                                                                      | B1         | 300X52.5X84         | 300X52.5X84  |
| Kobelco      | 805, 805.2, 8052, 8060                                                                                                                                                                                                                                                                             | B1         | 400X73X74           | 400X72.5X74  |
|              | 115, SK013, SK013.1, SK014, SK014.1, SK015, SK015.1, SK15                                                                                                                                                                                                                                          | B1         | 230X96X31           | 230X96X31    |
|              | SK014                                                                                                                                                                                                                                                                                              | A1         | 230X72X43           | 230X72X43    |
| Kornatsu     | SK020                                                                                                                                                                                                                                                                                              | B1         | 260X109X35          | 260X109X35   |
|              | PC27R.8                                                                                                                                                                                                                                                                                            | B2         | 300X54X78           | 320X54X78    |
|              | PC40.7, PC40R, PC40R.8, PC40 AVANCE R, PC40FR.1, PC40MR, PC40MR.1, PC40MRX, PC40R, PC40R.8, PC45, PC45.1, PC45.1E, PC45.7, PC45 AVANCE R, PC45FR.1, PC45MRX, PC45R, PC45R UTILITY, PC45R.8, PC50.2, PC50.2 AVANCE R, PC50.3, PC50FR.1, PC50FR.2, PC50M.2, PC50UU.2, PC50UU.2E, PC50UU.3, PC50UUM.2 | B1         | 400X72.5X72         | 400X72.5X72K |
| Kubota       | K035, KH033, KH033HG, KH040, KH90, KH101, KX33, KX90, KX101, RX301, RX301UR, RX302, RX303, U30, U30.1, U30.2, U30.2, U30.3, U35, U35GH, UX30, U30HG                                                                                                                                                | B1         | 300X109X41          | 300X109X41   |
|              | K040, K045, K 151, KX151.2, KX161.2                                                                                                                                                                                                                                                                | B1         | 400X72.5X72         | 400X72.5X72  |
|              | KH41                                                                                                                                                                                                                                                                                               | A1         | 230X72X43           | 230X72X43    |
|              | K035, KH033, KH033HG, KH040, KH90, KH101, KX033, KX90, KX101, RX301, RX301UR, RX302, RX303, U30, U30.1, U30.2, U30.3, U30HG, U35, U35HG, UX30                                                                                                                                                      | B1         | 300X109X41          | 300X52.5X84  |
|              | RX201                                                                                                                                                                                                                                                                                              | B1         | 250X109X37          | 300X109X37N  |
|              | KX71.2, KX91.2                                                                                                                                                                                                                                                                                     | B1         | 300X54X78           | 320X54X78    |
|              | KX161.3, RX501, RX502, U45.3                                                                                                                                                                                                                                                                       | B1         | 400X72.5X74         | 400X72.5X74  |
|              | U35.3                                                                                                                                                                                                                                                                                              | B1         | 300X52.5X84         | 300X52.5X84  |
| New Holland  | EC15                                                                                                                                                                                                                                                                                               | B1         | 230X96X33           | 230X96X33    |
|              | EC35, EC35SR                                                                                                                                                                                                                                                                                       | B1         | 300X54X78           | 320X54X78    |
|              | EC45                                                                                                                                                                                                                                                                                               | B1         | 400X72.5X72         | 400X72.5X72  |
| Pel Job      | EB10, EB10.4, EB11, EB12, EB12.4, EB14, EB14.2, EB14.4, EB50XR, EB271, SIRUS, SIRUS PLUS, EC14, EC15BXR, 650S                                                                                                                                                                                      | A1         | 230X72X43           | 230X72X43    |
|              | EB150, EB150XR, EB150XT, EB150XTV, EC15, EC15B, EC15XR                                                                                                                                                                                                                                             | B1         | 230X96X33           | 230X96X33    |
|              | EB25.4, EB28, EB28.4, EB36, EB306, EB350, EB400, EB406, LS200, LS286, LS386, LS406, LS2000, EC35                                                                                                                                                                                                   | B1         | 300X109X41          | 300X109X41   |
|              | EB25.4, EB28, EB28.4, EB36, EB306, EB350, EB400, EB406, LS200, LS286, LS386, LS406, LS2000, EC35                                                                                                                                                                                                   | B1         | 300X109X41          | 300X52.5X84  |
|              | EB506                                                                                                                                                                                                                                                                                              | B1         | 400X72.5X72         | 400X72.5X72  |
|              | EB706, EC70                                                                                                                                                                                                                                                                                        | B1         | 450X71X80           | 450X71X80    |
|              | LS506                                                                                                                                                                                                                                                                                              | B1         | 400X72.5X72         | 400X72.5X72  |

## Application Listing

| MACHINE MAKE | MODEL                                                                                                                                                        | TRACK TYPE | ORIGINAL TRACK SIZE | PART NUMBER  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------|--------------|
| Schaeff      | H15, HR02, HR2, HR11, HR12, HR13, ZR02, ZR15, ZRH02, ZRH12                                                                                                   | B1         | 230X96X33           | 230X96X33    |
|              | HR02                                                                                                                                                         | A1         | 230X72X43           | 230X72X43    |
|              | HR12                                                                                                                                                         | B1         | 230X96X31           | 230X96X31    |
|              | HR18 (N.H), HR20, ZR45                                                                                                                                       | B1         | 400X72.5X72         | 400X72.5X72  |
| Takeuchi     | HUPPI 403                                                                                                                                                    | A1         | 180X72X34           | 180X72X34    |
|              | TB014, TB014A/LSA, TB015, TL10                                                                                                                               | B1         | 230X96X31           | 230X96X31    |
|              | TB030, TB30UR                                                                                                                                                | B1         | 300X109X40          | 300X109X40   |
|              | TB045, TB53FR                                                                                                                                                | B1         | 400X72.5X72         | 400X72.5X72K |
|              | TB10S, TB12, TB14, TB15, TB105, TB120, TB120R, TB650, TB650S, TL10, TZ10                                                                                     | A1         | 230X72X43           | 230X72X43    |
|              | TB125                                                                                                                                                        | B1         | 300X52.5X78         | 300X52.5X78  |
|              | TB16, TB106                                                                                                                                                  | A1         | 250X72X43           | 250X72X43    |
|              | TB55UR                                                                                                                                                       | B1         | 400X72.5X72         | 400X72.5X72  |
| Volvo        | EC14, EC15BXR                                                                                                                                                | A1         | 230X72X43           | 230X72X43    |
|              | EC15, EC15 (BI-SPEED), EC15B, EC15XR                                                                                                                         | B1         | 230X96X33           | 230X96X33    |
|              | EC25, EC30                                                                                                                                                   | B1         | 300X109X38          | 300X52.5X78  |
|              | EC35                                                                                                                                                         | B1         | 300X109X41          | 300X52.5X84  |
|              | EC35                                                                                                                                                         | B1         | 300X109X41          | 300X109X41   |
|              | EC50                                                                                                                                                         | B1         | 400X72.5X70         | 400X72.5X70  |
| Yanmar       | AJURA28                                                                                                                                                      | B1         | 300X52.5X78         | 300X52.5X78  |
|              | B05, B05 SCOPY, B05R SCOPY                                                                                                                                   | A1         | 180X72X34           | 150X72X34    |
|              | B10, B12, B12.1, B12.2, B12.3, B12.3PR, B12PR, B14, B14.1, B15, B17, B17.1, B17.2, B17PR, Y12, Y12B, Y14, YB10, YB10.1, YB10.2, YB121, YB151, YBT650, YTB650 | A1         | 230X72X43           | 230X72X43    |
|              | B25V, V25VCR                                                                                                                                                 | B2         | 300X55.5X76         | 300X55.5X76Y |
|              | B3, B3.2, B27, B27.1, B27.2, B27.2A, B32, B32.2, M27, VIO30, YB27, YB32, YB271                                                                               | B2         | 320X106X39          | 320X106X39Y  |
|              | B3.3, B27.2B, B30V, B37.2B, B37V, B37V, B37VCR, VIO30, VIO30.2, VIO30V, VIO35.1, VIO35.2                                                                     | B2         | 300X55.5X82         | 300X55.5X82Y |
|              | B5, B50, B50.1, B50.2, B50.2A, VIO45, VIO50, VIO50CR, VIO50PR, VIO350                                                                                        | B2         | 400X144X36          | 400X144X36Y  |
|              | B5, B6, B6U, B50.1, B50.2, VIO50CR, VIO50PR                                                                                                                  | B1         | 400X72.5X72         | 400X72.5X72K |
|              | B6, B6U                                                                                                                                                      | B2         | 400X144X36Y         | 400X144X36Y  |
|              | B6.3, B50.2B, B50V, B50VCR, B50VIO, VIO45, VIO50.1, VIO50.2, VIO50V, VIO55                                                                                   | B2         | 400X75.5X74         | 400X75.5X74Y |
|              | MCG131                                                                                                                                                       | A1         | 180X72X34           | 180X72X34    |
|              | VIO75                                                                                                                                                        | B1         | 450X83.5X74         | 450X83.5X74Y |

### Pallet Truck Wheel

Steel roller with polyurethane coating



|    |     |    |       |     | PART NUMBER |
|----|-----|----|-------|-----|-------------|
| 82 | 60  | 20 | 47x14 | 550 | WH200P8260  |
| 82 | 70  | 20 | 47x14 | 650 | WH200P8270  |
| 82 | 80  | 20 | 47x14 | 750 | WH200P8280  |
| 82 | 90  | 20 | 47x14 | 850 | WH200P8290  |
| 82 | 100 | 20 | 47x14 | 950 | WH200P82100 |

### Pallet Truck Wheel

High-resistance nylon 6 roller with injected polyurethane coating



|    |     |    |       |     | PART NUMBER  |
|----|-----|----|-------|-----|--------------|
| 82 | 70  | 20 | 47x14 | 450 | WH200NP8270  |
| 82 | 80  | 20 | 47x14 | 550 | WH200NP8280  |
| 82 | 90  | 20 | 47x14 | 650 | WH200NP8290  |
| 82 | 100 | 20 | 47x14 | 700 | WH200NP82100 |



### Swivel Castor with Nylon Wheel - Light Duty

White nylon wheel

|     |    |     |           |          |     | PART NUMBER |
|-----|----|-----|-----------|----------|-----|-------------|
| 80  | 30 | 104 | 80 x 100  | 60 x 80  | 75  | WH55080     |
| 100 | 35 | 122 | 80 x 100  | 60 x 80  | 90  | WH550100    |
| 125 | 40 | 150 | 80 x 100  | 60 x 80  | 110 | WH550125    |
| 150 | 40 | 179 | 80 x 100  | 60 x 80  | 120 | WH550150    |
| 175 | 50 | 206 | 110 x 140 | 80 x 105 | 180 | WH550175    |
| 200 | 50 | 230 | 110 x 140 | 80 x 105 | 220 | WH550200    |



### Swivel Castor with Nylon Wheel - Medium Duty

High quality nylon 6 wheel

|     |    |     |           |          |     | PART NUMBER |
|-----|----|-----|-----------|----------|-----|-------------|
| 80  | 30 | 104 | 80 x 100  | 60 x 80  | 90  | WH50NK80    |
| 100 | 35 | 123 | 80 x 100  | 60 x 80  | 110 | WH50NK100   |
| 125 | 40 | 153 | 85 x 115  | 60 x 80  | 150 | WH50NK125   |
| 150 | 40 | 179 | 85 x 115  | 60 x 80  | 200 | WH50NK150   |
| 175 | 50 | 206 | 110 x 140 | 80 x 105 | 250 | WH50NK175   |
| 200 | 50 | 230 | 110 x 140 | 80 x 105 | 300 | WH50NK200   |



### Swivel Castor with Rubber Tyre

Black rubber tyre with steel flanges

|     |      |     |           |           |     | PART NUMBER |
|-----|------|-----|-----------|-----------|-----|-------------|
| 80  | 30   | 104 | 80 x 100  | 60 x 80   | 75  | WH508180    |
| 100 | 30   | 123 | 80 x 100  | 60 x 80   | 90  | WH5081100   |
| 125 | 37.5 | 153 | 85 x 115  | 60 x 80   | 130 | WH5081125   |
| 140 | 37.5 | 174 | 85 x 115  | 60 x 80   | 140 | WH5081140   |
| 160 | 40   | 190 | 110 x 140 | 80 x 105  | 180 | WH5081160   |
| 180 | 50   | 208 | 110 x 140 | 80 x 105  | 220 | WH5081180   |
| 200 | 50   | 230 | 110 x 140 | 80 x 105  | 250 | WH5081200   |
| 250 | 60   | 293 | 160 x 200 | 120 x 160 | 350 | WH5081250   |



### Swivel Castor with Cast Iron Wheel

Cast iron wheel with polyurethane coating

|     |    |     |           |           |      | PART NUMBER |
|-----|----|-----|-----------|-----------|------|-------------|
| 100 | 30 | 132 | 85 x 105  | 60 x 80   | 200  | WH700100    |
| 125 | 35 | 159 | 85 x 105  | 60 x 80   | 250  | WH700125    |
| 150 | 40 | 185 | 110 x 140 | 80 x 105  | 400  | WH700150    |
| 175 | 40 | 214 | 110 x 140 | 80 x 105  | 600  | WH700175    |
| 200 | 50 | 243 | 110 x 140 | 80 x 105  | 830  | WH700200    |
| 250 | 50 | 308 | 160 x 200 | 120 x 160 | 1200 | WH700250    |



### Swivel Castor with Pneumatic Tyre

Pneumatic tyred wheel with pressed and zincated steel plate

|     |    |     |         |         |     | PART NUMBER |
|-----|----|-----|---------|---------|-----|-------------|
| 260 | 85 | 298 | 160x200 | 120x160 | 180 | WH50PN260   |



### Swivel Castor with Nylon Wheel & Brake

High quality nylon 6 wheel

|  |  |  |  |  |  | PART NUMBER |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| 80                                                                                | 30                                                                                | 104                                                                               | 80 x 100                                                                          | 60 x 80                                                                            | 90                                                                                  | WH50NF80    |
| 100                                                                               | 35                                                                                | 123                                                                               | 80 x 100                                                                          | 60 x 80                                                                            | 110                                                                                 | WH50NF100   |
| 125                                                                               | 40                                                                                | 153                                                                               | 85 x 115                                                                          | 60 x 80                                                                            | 150                                                                                 | WH50NF125   |
| 150                                                                               | 40                                                                                | 179                                                                               | 85 x 115                                                                          | 60 x 80                                                                            | 200                                                                                 | WH50NF150   |
| 175                                                                               | 50                                                                                | 206                                                                               | 110 x 140                                                                         | 80 x 105                                                                           | 250                                                                                 | WH50NF175   |
| 200                                                                               | 50                                                                                | 230                                                                               | 110 x 140                                                                         | 80 x 105                                                                           | 300                                                                                 | WH50NF200   |
| 250                                                                               | 60                                                                                | 293                                                                               | 160 x 200                                                                         | 120 x 160                                                                          | 400                                                                                 | WH50NF250   |



### Swivel Castor with Rubber Tyre & Brake

Black rubber tyre with steel flanges

|  |  |  |  |  |  | PART NUMBER |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| 80                                                                                | 30                                                                                | 104                                                                               | 80 x 100                                                                          | 60 x 80                                                                            | 75                                                                                  | WH60080     |
| 100                                                                               | 30                                                                                | 123                                                                               | 80 x 100                                                                          | 60 x 80                                                                            | 90                                                                                  | WH600100    |
| 125                                                                               | 37.5                                                                              | 153                                                                               | 85 x 115                                                                          | 60 x 80                                                                            | 130                                                                                 | WH600125    |
| 140                                                                               | 37.5                                                                              | 174                                                                               | 85 x 115                                                                          | 60 x 80                                                                            | 140                                                                                 | WH600140    |
| 160                                                                               | 40                                                                                | 190                                                                               | 110 x 140                                                                         | 80 x 105                                                                           | 180                                                                                 | WH600160    |
| 180                                                                               | 50                                                                                | 208                                                                               | 110 x 140                                                                         | 80 x 105                                                                           | 220                                                                                 | WH600180    |
| 200                                                                               | 50                                                                                | 230                                                                               | 110 x 140                                                                         | 80 x 105                                                                           | 250                                                                                 | WH600200    |
| 250                                                                               | 60                                                                                | 293                                                                               | 160 x 200                                                                         | 120 x 160                                                                          | 350                                                                                 | WH600250    |



### Swivel Castor with Cast Iron Wheel & Brake

Cast iron wheel with polyurethane coating

|  |  |  |  |  |  | PART NUMBER |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|
| 100                                                                                 | 30                                                                                  | 132                                                                                 | 85 x 105                                                                            | 60 x 80                                                                              | 200                                                                                   | WH700P100   |
| 125                                                                                 | 35                                                                                  | 159                                                                                 | 85 x 105                                                                            | 60 x 80                                                                              | 250                                                                                   | WH700P125   |
| 150                                                                                 | 40                                                                                  | 185                                                                                 | 110 x 140                                                                           | 80 x 105                                                                             | 400                                                                                   | WH700P150   |
| 175                                                                                 | 40                                                                                  | 214                                                                                 | 110 x 140                                                                           | 80 x 105                                                                             | 600                                                                                   | WH700P175   |
| 200                                                                                 | 50                                                                                  | 243                                                                                 | 110 x 140                                                                           | 80 x 105                                                                             | 830                                                                                   | WH700P200   |
| 250                                                                                 | 50                                                                                  | 308                                                                                 | 160 x 200                                                                           | 120 x 160                                                                            | 1200                                                                                  | WH700P250   |



### Swivel Castor with Pneumatic Tyre & Brake

Pneumatic tyred wheel, pressed and zincated steel plate

|  |  |  |  |  |  | PART NUMBER |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|
| 260                                                                                 | 85                                                                                  | 298                                                                                 | 160 x 200                                                                           | 120 x 160                                                                            | 180                                                                                   | WH50PNT260  |



### Fixed Castor with Nylon Wheel - Light Duty

White nylon wheel

|  |  |  |  |  |  | PART NUMBER |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| 80                                                                                | 30                                                                                | 104                                                                               | 85 x 100                                                                          | 60x80                                                                              | 75                                                                                  | WH551180    |
| 100                                                                               | 35                                                                                | 122                                                                               | 85 x 100                                                                          | 60x80                                                                              | 90                                                                                  | WH551100    |
| 125                                                                               | 40                                                                                | 150                                                                               | 85 x 100                                                                          | 60x80                                                                              | 110                                                                                 | WH551125    |
| 150                                                                               | 40                                                                                | 179                                                                               | 85 x 100                                                                          | 60x80                                                                              | 120                                                                                 | WH551150    |
| 175                                                                               | 50                                                                                | 206                                                                               | 110 x 145                                                                         | 80x105                                                                             | 180                                                                                 | WH551175    |
| 200                                                                               | 50                                                                                | 230                                                                               | 110 x 145                                                                         | 80x105                                                                             | 220                                                                                 | WH551200    |



### Fixed Castor with Nylon Wheel - Medium Duty

High quality nylon 6 wheel

|  |  |  |  |  |  | PART NUMBER |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| 80                                                                                | 30                                                                                | 104                                                                               | 85 x 100                                                                          | 60 x 80                                                                            | 90                                                                                  | WH51NK80    |
| 100                                                                               | 35                                                                                | 123                                                                               | 85 x 100                                                                          | 60 x 80                                                                            | 110                                                                                 | WH51NK100   |
| 125                                                                               | 40                                                                                | 153                                                                               | 95 x 110                                                                          | 60 x 80                                                                            | 150                                                                                 | WH51NK125   |
| 150                                                                               | 40                                                                                | 179                                                                               | 95 x 110                                                                          | 60 x 80                                                                            | 200                                                                                 | WH51NK150   |
| 175                                                                               | 50                                                                                | 206                                                                               | 110 x 145                                                                         | 80 x 105                                                                           | 250                                                                                 | WH51NK175   |
| 200                                                                               | 50                                                                                | 230                                                                               | 110 x 145                                                                         | 80 x 105                                                                           | 300                                                                                 | WH51NK200   |
| 250                                                                               | 60                                                                                | 293                                                                               | 160 x 195                                                                         | 120 x 160                                                                          | 400                                                                                 | WH51NK250   |



### Fixed Castor with Rubber Tyre

Black rubber tyre with steel flanges

|  |  |  |  |  |  | PART NUMBER |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|
| 80                                                                                  | 30                                                                                  | 104                                                                                 | 85 x 100                                                                            | 60 x 80                                                                              | 75                                                                                    | WH518180    |
| 100                                                                                 | 30                                                                                  | 123                                                                                 | 85 x 100                                                                            | 60 x 80                                                                              | 90                                                                                    | WH5181100   |
| 125                                                                                 | 37.5                                                                                | 153                                                                                 | 95 x 110                                                                            | 60 x 80                                                                              | 130                                                                                   | WH5181125   |
| 140                                                                                 | 37.5                                                                                | 174                                                                                 | 95 x 110                                                                            | 60 x 80                                                                              | 140                                                                                   | WH5181140   |
| 160                                                                                 | 40                                                                                  | 190                                                                                 | 110 x 145                                                                           | 80 x 105                                                                             | 180                                                                                   | WH5181160   |
| 180                                                                                 | 50                                                                                  | 208                                                                                 | 110 x 145                                                                           | 80 x 105                                                                             | 220                                                                                   | WH5181180   |
| 200                                                                                 | 50                                                                                  | 230                                                                                 | 110 x 145                                                                           | 80 x 105                                                                             | 250                                                                                   | WH5181200   |
| 250                                                                                 | 60                                                                                  | 293                                                                                 | 160 x 195                                                                           | 120 x 160                                                                            | 350                                                                                   | WH5181250   |



### Fixed Castor with Cast Iron Wheel

Cast iron wheel with polyurethane coating

|  |  |  |  |  |  | PART NUMBER |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|
| 100                                                                                 | 30                                                                                  | 132                                                                                 | 85 x 100                                                                            | 60 x 80                                                                              | 200                                                                                   | WH710100    |
| 125                                                                                 | 35                                                                                  | 159                                                                                 | 95 x 110                                                                            | 60 x 80                                                                              | 250                                                                                   | WH710125    |
| 150                                                                                 | 40                                                                                  | 185                                                                                 | 110 x 145                                                                           | 80 x 105                                                                             | 400                                                                                   | WH710150    |
| 175                                                                                 | 40                                                                                  | 214                                                                                 | 110 x 145                                                                           | 80 x 105                                                                             | 600                                                                                   | WH710175    |
| 200                                                                                 | 50                                                                                  | 243                                                                                 | 110 x 145                                                                           | 80 x 105                                                                             | 830                                                                                   | WH710200    |
| 250                                                                                 | 50                                                                                  | 308                                                                                 | 160 x 195                                                                           | 120 x 160                                                                            | 1200                                                                                  | WH710250    |



### Fixed Castor with Pneumatic Tyre

Pneumatic tyred wheel with pressed and zincated steel plate

|  |  |  |  |  |  | PART NUMBER |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|
| 260                                                                                 | 85                                                                                  | 298                                                                                 | 160 x 195                                                                           | 120 x 160                                                                            | 180                                                                                   | WH51PN260   |



### Nylon Castor Wheel without Bearing

White nylon wheel, hub with smooth hole

|     |    |    |    |     | PART NUMBER |
|-----|----|----|----|-----|-------------|
| 80  | 30 | 40 | 12 | 130 | WH8680      |
| 100 | 35 | 40 | 12 | 150 | WH86100     |
| 125 | 40 | 49 | 15 | 250 | WH86125     |
| 150 | 40 | 49 | 15 | 270 | WH86150     |
| 175 | 50 | 59 | 20 | 300 | WH86175     |
| 200 | 50 | 59 | 20 | 320 | WH86200     |



### Nylon Castor Wheel c/w Ball Bearing

Quality nylon 6 wheel, hub with ball bearing

|     |    |    |    |       |      | PART NUMBER |
|-----|----|----|----|-------|------|-------------|
| 80  | 30 | 30 | 15 | 35x11 | 150  | WH840N80    |
| 100 | 35 | 38 | 15 | 35x11 | 180  | WH840N100   |
| 125 | 40 | 45 | 15 | 35x11 | 350  | WH840N125   |
| 150 | 40 | 47 | 20 | 47x14 | 380  | WH840N150   |
| 175 | 50 | 55 | 20 | 47x14 | 530  | WH840N175   |
| 200 | 50 | 55 | 20 | 47x14 | 550  | WH840N200   |
| 250 | 60 | 63 | 25 | 52x15 | 1100 | WH840N250   |



### Castor Wheel with Rubber Tyre

Black rubber tyre, steel flanges, hub on nylon bush & roller bearing

|     |      |    |    |     | PART NUMBER |
|-----|------|----|----|-----|-------------|
| 80  | 30   | 39 | 12 | 75  | WH8180      |
| 100 | 30   | 39 | 12 | 90  | WH81100     |
| 125 | 37.5 | 49 | 15 | 130 | WH81125     |
| 140 | 37.5 | 49 | 20 | 150 | WH81140     |
| 160 | 40   | 58 | 20 | 180 | WH81160     |
| 180 | 50   | 58 | 20 | 220 | WH81180     |
| 200 | 50   | 58 | 20 | 250 | WH81200     |
| 250 | 60   | 84 | 25 | 350 | WH81250     |



### Cast Iron Castor Wheel

Cast iron wheel with polyurethane coating, hub on ball bearing

|     |    |    |    |       |      | PART NUMBER |
|-----|----|----|----|-------|------|-------------|
| 100 | 30 | 36 | 15 | 35x11 | 250  | WH840100    |
| 125 | 35 | 47 | 15 | 35x11 | 330  | WH840125    |
| 150 | 40 | 47 | 20 | 47x14 | 500  | WH840150    |
| 175 | 40 | 52 | 20 | 47x14 | 720  | WH840175    |
| 200 | 50 | 52 | 25 | 52x15 | 900  | WH840200    |
| 250 | 50 | 65 | 25 | 52x15 | 1200 | WH840250    |



### Castor Wheel with Pneumatic Tyre

Pneumatic tyre wheel with pressed and zincated steel plate. Hub on roller bearing

|     |    |    |     | PART NUMBER |
|-----|----|----|-----|-------------|
| 260 | 85 | 20 | 180 | WH81PN26020 |
| 260 | 85 | 25 | 180 | WH81PN26025 |



### REMA - TIP TOP Patches

For the repair of Motorcycle, Car, Truck and Tractor Tyre Tubes

You can use the table provided to find a suitable patch for your application

| PATCH SIZE           |   |   |   |   |
|----------------------|---|---|---|---|
| <b>Round Patches</b> |   |   |   |   |
| 1                    | • | • |   |   |
| 2                    | • | • |   |   |
| 3                    |   | • | • | • |
| 4                    |   | • | • | • |
| 5                    |   |   | • | • |
| 6                    |   |   | • | • |
| <b>Oval Patches</b>  |   |   |   |   |
| 7                    | • | • | • | • |
| 7a                   |   | • | • | • |
| 7b                   |   |   | • | • |
| 7c                   |   |   | • | • |



### Round Patches

Please Note: Tube Patches are sold per pack, 1 on an order will equal 1 pack

| DESCRIPTION | SIZE (mm) | QTY PER PACK | PART NUMBER |
|-------------|-----------|--------------|-------------|
| No.1 Patch  | 35        | 30           | 5000043     |
| No.2 Patch  | 45        | 30           | 5000050     |
| No.3 Patch  | 54        | 30           | 5000067     |
| No.4 Patch  | 75        | 30           | 5000081     |
| No.5 Patch  | 94        | 10           | 5000108     |
| No.6 Patch  | 116       | 10           | 5000122     |



### Oval Patches

Please Note: Tube Patches are sold per pack, 1 on an order will equal 1 pack

| DESCRIPTION | SIZE (mm) | QTY PER PACK | PART NUMBER |
|-------------|-----------|--------------|-------------|
| No.7 Patch  | 74 x 37   | 30           | 5000201     |
| No.7a Patch | 90 x 45   | 30           | 5000225     |
| No.7b Patch | 150 x 75  | 10           | 5000263     |
| No.7c Patch | 188 x 94  | 10           | 5000304     |



### Chemicure Strips - for repairing Tubeless Tyres

| DESCRIPTION                                             | PART NUMBER |
|---------------------------------------------------------|-------------|
| Chemicure Car Type Repair. Suitable for 2 PLY and 4 PLY | 5103415     |
| Chemicure Truck Type Repair. Suitable for 6 PLY and up  | 5103414     |



### Needle for applying Chemicure Strips

| DESCRIPTION            | PART NUMBER |
|------------------------|-------------|
| Car Chemicure Needle   | 5103438     |
| Truck Chemicure Needle | 5103421     |



### Repair Patches for Cross-PLY Tyres - PN Series

Repair patches for the durable repair of cross-ply tyres of any size in accordance with the applications shown in the chart below

| DESIGNATION | NUMBER OF PLYS | SIZE OF UNIT IN THREAD DIRECTION | PART NUMBER |
|-------------|----------------|----------------------------------|-------------|
| PN02        | 2              | 80 mm                            | 5126020     |
| PN03        | 2              | 100 mm                           | 5126037     |
| PN04        | 2              | 120 mm                           | 5126044     |
| PN05        | 4              | 160 mm                           | 5126051     |
| PN06        | 6              | 235 mm                           | 5126068     |
| PN07        | 6              | 295 mm                           | 5126075     |
| PN025       | 6              | 510 mm                           | 5126257     |

### Guide for Cars, Vans and Trucks

| C (MAX) |        | PR<br>PLY RATING | -4 | 6 - 8 | 10 - 12 | 14 - 16 | 18 - 20 | 22 - 24 | -12 | 14 - 18 | 20 - 24 |
|---------|--------|------------------|----|-------|---------|---------|---------|---------|-----|---------|---------|
| mm      | Inch   |                  |    |       |         |         |         |         |     |         |         |
| 10      | 3/8"   | PN Number        | 02 | 02    | 03      | 03      | 04      | 04      | 02  | 03      | 03      |
| 15      | 1/2"   | PN Number        | 03 | 03    | 04      | 04      | 05      | 05      | 02  | 03      | 04      |
| 25      | 1"     | PN Number        | 03 | 04    | 05      | 06      | 06      | 06      | 03  | 04      | 05      |
| 35      | 1 3/8" | PN Number        | 04 | 04    | 05      | 06      | 07      | 07      | 03  | 04      | 05      |
| 50      | 2"     | PN Number        | 05 | 05    | 06      | 07      | 08      | 08      | 05  | 05      | 06      |
| 75      | 3"     | PN Number        | -  | -     | 07      | 07      | 09      | 09      | 06  | 06      | 07      |
| 100     | 4"     | PN Number        | -  | -     | 08      | 08      | 09      | 10      | 07  | 07      | 08      |
| 125     | 5"     | PN Number        | -  | -     | -       | 10      | 10      | -       | -   | 08      | 08      |



PN02 - 010



PN05S - 010S  
for Sidewalls



50%

### Guide for Tractors and Combines

| C (MAX) |      | PR<br>PLY RATING | -6  | 8 - 10 | 12 - 14 | 16 - 18 |
|---------|------|------------------|-----|--------|---------|---------|
| mm      | Inch |                  |     |        |         |         |
| 25      | 1"   | PN Number        | 020 | 020    | 020     | 020     |
| 50      | 2"   | PN Number        | 020 | 020    | 021     | 023     |
| 75      | 3"   | PN Number        | 020 | 023    | 023     | 024     |
| 125     | 5"   | PN Number        | 021 | 024    | 024     | 025     |
| 175     | 7"   | PN Number        | 022 | 025    | 025     | -       |

### Guide for Forklifts and Heavy Duty Trailers

| C (MAX) |      | PR<br>PLY RATING | -6  | 8 - 10 | 12 - 14 | 16 - 18 |
|---------|------|------------------|-----|--------|---------|---------|
| mm      | Inch |                  |     |        |         |         |
| 25      | 1"   | PN Number        | 040 | 041    | 042     | 042     |
| 50      | 2"   | PN Number        | 040 | 041    | 042     | -       |
| 75      | 3"   | PN Number        | -   | 042    | -       | -       |



### Repair Patches for Radial Tyres - RAD 100 Series

Repair patches for the durable repair of Radial tyres of any size in accordance with the applications shown in the chart below

| DESIGNATION | NUMBER OF PLIES | DIMENSIONS   | PART NUMBER |
|-------------|-----------------|--------------|-------------|
| RAD 114TL   | 1               | 85 X 130 mm  | 5121142     |
| RAD 180TL   | 2               | 190 x 150 mm | 5121805     |
| RAD 184TL   | 3               | 295 x 215 mm | 5121843     |



Non Repairable Area



|                 |                                                   | A<br>mm | R<br>mm |        | A/C<br>mm | R<br>mm | CØ<br>mm |
|-----------------|---------------------------------------------------|---------|---------|--------|-----------|---------|----------|
|                 |                                                   | Max.    |         | RAD    | Max.      |         | Max.     |
| Car             | Q                                                 | 6       | 12      | 110 TL | 10        | 10      | 8        |
|                 |                                                   | 20      | 35      | 114 TL | 20        | 20      |          |
|                 | T                                                 | 6       | 12      | 110 TL | 8         | 8       | 6        |
|                 | H                                                 | 6       | 6       | 110 TL | 6         | 6       | 3        |
|                 | V                                                 | 3       | 3       | 110 TL | 6         | 6       | 3        |
| Van             | ZR                                                |         |         | 110 TL | 3         | 3       |          |
|                 | 165 - 215<br>6 - 8 PR                             | 6       | 6       | 112 TL | 6         | 6       |          |
| 2 Axle<br>Truck | 6.00 - 7.50                                       | 10      | 10      | 120 TL | 10        | 10      | 8        |
|                 | 7 R - 8.5 R                                       | 15      | 60      | 122 TL | 15        | 15      | 10       |
|                 | 205V - 255V                                       | 20      | 50      |        |           |         |          |
|                 |                                                   | 10      | 80      | 140 TL | 25        | 40      | 15       |
|                 |                                                   | 25      | 60      |        |           |         |          |
| 3 Axle<br>Truck | 8.25<br>- 10.00<br>9R - 11R<br>11/<br>235V - 285V | 6       | 10      | 120 TL | 10        | 10      | 8        |
|                 |                                                   | 10      | 80      | 140 TL | 20        | 40      | 15       |
|                 |                                                   | 20      | 60      |        |           |         |          |
|                 |                                                   | 10      | 110     | 142 TL | 30        | 50      | 20       |
|                 |                                                   | 25      | 80      |        |           |         |          |
|                 |                                                   | 20      | 130     | 144 TL | 40        | 70      | 25       |
|                 |                                                   | 40      | 80      |        |           |         |          |
|                 |                                                   |         |         | 125 TL | 15        | 25      |          |
|                 |                                                   |         |         | 135 TL | 25        | 35      |          |
|                 |                                                   |         |         | 145 TL | 40        | 60      |          |
|                 | 1 Cable                                           | 80      |         | 124 TL |           |         |          |
|                 | 2 Cable                                           | 60      |         |        |           |         |          |
|                 | 1 Cable                                           | 120     |         | 126 TL |           |         |          |
|                 | 3 Cable                                           | 60      |         |        |           |         |          |

|                   |                                                              | A<br>mm | R<br>mm |        | A/C<br>mm | R<br>mm | CØ<br>mm |
|-------------------|--------------------------------------------------------------|---------|---------|--------|-----------|---------|----------|
|                   |                                                              | Max.    |         | RAD    | Max.      |         | Max.     |
| 3 Axle<br>Truck   | 11.00<br>- 13.00<br>12 R - 15<br>R<br>12/- 13/<br>295/- 385/ | 6       | 6       | 120 TL | 8         | 8       | 6        |
|                   |                                                              | 10      | 60      | 140 TL | 15        | 20      | 10       |
|                   |                                                              | 15      | 35      |        |           |         |          |
|                   |                                                              | 10      | 100     | 142 TL | 25        | 50      | 20       |
|                   |                                                              | 25      | 80      |        |           |         |          |
|                   |                                                              | 20      | 130     | 144 TL | 40        | 70      | 25       |
|                   |                                                              | 40      | 80      |        |           |         |          |
|                   |                                                              |         |         | 125 TL | 10        | 20      |          |
|                   |                                                              |         |         | 135 TL | 20        | 30      |          |
|                   |                                                              |         |         | 145 TL | 40        | 60      |          |
| 3 Axle<br>Trailer | 14.00 -<br>16.5 R -<br>15.5/-<br>385/-                       | 1 Cable | 120     | 126 TL |           |         |          |
|                   |                                                              | 3 Cable | 60      |        |           |         |          |
|                   |                                                              | 1 Cable | 140     | 128 TL |           |         |          |
|                   |                                                              | 2 Cable | 80      |        |           |         |          |
|                   |                                                              | 12      | 30      | 140 TL | 12        | 12      | 10       |
|                   |                                                              | 10      | 100     | 142 TL | 20        | 30      | 20       |
|                   |                                                              | 20      | 60      |        |           |         |          |
|                   |                                                              | 20      | 130     | 144 TL | 30        | 50      | 25       |
|                   |                                                              | 30      | 60      |        |           |         |          |
|                   |                                                              | 40      | 100     | 146 TL | 40        | 70      | 30       |
| Forklift          | 5.00 - 7.50                                                  | 10      | 10      | 120 TL | 10        | 15      | 5        |
|                   |                                                              | 10      | 50      | 122 TL | 10        | 20      | 5        |
|                   |                                                              | 15      | 30      |        |           |         |          |
|                   |                                                              | 10      | 10      | 120 TL | 10        | 10      | 5        |
|                   |                                                              | 10      | 70      | 140 TL | 20        | 30      | 10       |
|                   | 7.00<br>- 10.00                                              | 20      | 50      |        |           |         |          |
|                   |                                                              | 20      | 70      | 142 TL | 25        | 35      | 15       |
|                   |                                                              | 30      | 60      |        |           |         |          |
|                   |                                                              | 20      | 20      | 120 TL | 20        | 30      | 10       |
|                   |                                                              | 50      | 70      | 180 TL | 40        | 60      | 25       |
| Tractor           | 8.3 - 12.4<br>8 - 11                                         | 70      | 50      |        |           |         |          |
|                   |                                                              | 70      | 100     | 182 TL | 70        | 90      | 45       |
|                   |                                                              | 120     | 70      |        |           |         |          |
|                   |                                                              | 20      | 30      | 122 TL | 20        | 30      | 10       |
|                   |                                                              | 40      | 60      | 180 TL | 30        | 50      | 20       |
|                   | 13.6 - 30.5<br>12 - 15                                       | 60      | 40      |        |           |         |          |
|                   |                                                              | 70      | 100     | 182 TL | 70        | 90      | 45       |
|                   |                                                              | 100     | 70      |        |           |         |          |
|                   |                                                              | 80      | 130     | 184 TL | 90        | 110     | 60       |
|                   |                                                              | 120     | 80      |        |           |         |          |
|                   |                                                              | 100     | 160     | 186 TL | 130       | 150     | 85       |
|                   |                                                              | 160     | 100     |        |           |         |          |



### Vulcanising Fluid

For the vulcanisation of Tube patches, Rubber base valves and valve patches

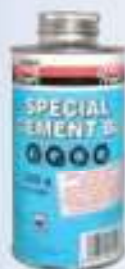
| DESCRIPTION                  | PART NUMBER |
|------------------------------|-------------|
| 10g Tube                     | 5059056     |
| 25g Tube                     | 5059128     |
| 175g Tin complete with Brush | 5059197     |



### Liquid Buffer

Liquid Buffer is a solvent used to remove Silicones, Talcs and other mould release agents from the inside of the tyre prior to mechanical buffing

| DESCRIPTION    | PART NUMBER |
|----------------|-------------|
| Aerosol 500 ml | 5050718     |



### Special Cement BL

Accelerator solution for the application of PN and RAD repair patches

| DESCRIPTION | PART NUMBER |
|-------------|-------------|
| 350g Tin    | 5150340     |

## Repair Kits



| DESCRIPTION  | Cycle Outfit TT-02                                                                                 | Outfit TT-12                                                                                                                                                   | Outfit TT-20                                                                                                                                                                                                            | Outfit TT-30                                                                                                                                                                                                                                                                 |
|--------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SUITABLE FOR | -                                                                                                  | Cars & Trucks                                                                                                                                                  | Trucks                                                                                                                                                                                                                  | Tractors                                                                                                                                                                                                                                                                     |
| CONTENTS     | 6 x F1 Patches<br>1 x F2 Patch<br>1 x Emery paper<br>1 x Valve<br>1 x 5g Tube<br>Vulcanising Fluid | 4 x No.1 Patches<br>2 x No.2 Patches<br>1 x No.3 Patch<br>1 x No.4 Patch<br>1 x No.7 Patch<br>1 x No.7a Patch<br>1 x Rasp<br>1 x 13g Tube<br>Vulcanising Fluid | 8 x No.1 Patches<br>2 x No.2 Patches<br>1 x No.3 Patch<br>1 x No.4 Patch<br>1 x No.5 Patch<br>1 x No.7 Patch<br>1 x No.7a Patch<br>1 x No.7b Patch<br>3 x Rasps<br>3 x Valve Cores<br>1 x 30g Tube<br>Vulcanising Fluid | 12 x No.1 Patches<br>6 x No.3 Patch<br>2 x No.4 Patch<br>1 x No.5 Patch<br>3 x No.7 Patch<br>4 x No.7a Patch<br>2 x No.7b Patch<br>2 x Tyre Repair Units (PN03)<br>1 x Rasp with wooden handle<br>2 x Spare Rasps<br>1 x Patch Stitcher<br>1 x 60g Tube<br>Vulcanising Fluid |
| PART NUMBER  | 5060100                                                                                            | 5060519                                                                                                                                                        | 5060911                                                                                                                                                                                                                 | 5070310                                                                                                                                                                                                                                                                      |



### Car Valve

| DESCRIPTION    | LENGTH | BASE DIA | PART NUMBER |
|----------------|--------|----------|-------------|
| Car Valve TR13 | 38mm   | 60mm     | 5010136     |
| Car Valve TR15 | 38mm   | 60mm     | 5010150     |



### Truck Valve

| DESCRIPTION       | LENGTH  | BASE DIA | PART NUMBER |
|-------------------|---------|----------|-------------|
| Truck Valve TR75A | 95.5mm  | 90mm     | 5010318     |
| Truck Valve TR78A | 147.5mm | 90mm     | 5010404     |



### Air Water Valve

For the repair of Air / Water typr Tractor Tubes

| DESCRIPTION             | PART NUMBER |
|-------------------------|-------------|
| Air Water Valves TR218A | 5010277     |



### Snap in Valves to suit Tubeless Tyres

| DESCRIPTION | LENGTH  | TO SUIT VALVE HOLE | PART NUMBER |
|-------------|---------|--------------------|-------------|
| Valve TR414 | 48.5 mm | 11.5 mm            | 5622555     |



### Valve Cores

| DESCRIPTION                              | PART NUMBER |
|------------------------------------------|-------------|
| Valve Core-Long (Car / Truck)            | 5620007     |
| Box of 5 - Valve Core-Long (Car / Truck) | 5620014     |



| DESCRIPTION                    | PART NUMBER |
|--------------------------------|-------------|
| Valve Core-Short (Car / Truck) | 5620045     |



| DESCRIPTION                                                  | PART NUMBER |
|--------------------------------------------------------------|-------------|
| Air / Water Insert Valve TR218<br>(for Standard, A.W. Valve) | 5623042     |



| DESCRIPTION                                                        | PART NUMBER |
|--------------------------------------------------------------------|-------------|
| Air / Water Insert Valve TR218A<br>(for New Fast Flow, A.W. Valve) | 5623066     |

**Plastic Valve Cap**

| DESCRIPTION           | PART NUMBER |
|-----------------------|-------------|
| Plastic Cap (VC 8 eq) | 5620296     |

**Valve Cap c/w Screwdriver**

| DESCRIPTION                | PART NUMBER |
|----------------------------|-------------|
| Valve Cap with Screwdriver | 5620100     |

**Valve Repair Tool**

| DESCRIPTION               | PART NUMBER |
|---------------------------|-------------|
| Valve Repair Tool - Black | 5628009     |

**Valve Mounting Tool**

For easy removal and fitting of T/L Valves

| DESCRIPTION                    | PART NUMBER |
|--------------------------------|-------------|
| Valve Mounting Tool - Screw on | 5628308     |

**Valve Core Screwdriver**

| DESCRIPTION            | PART NUMBER |
|------------------------|-------------|
| Valve Core Screwdriver | 5628085     |

**Tyre Levers**

| LENGTH | DIAMETER | PART NUMBER |
|--------|----------|-------------|
| 30"    | 7/8"     | TTL3        |

| LENGTH | DIAMETER | PART NUMBER |
|--------|----------|-------------|
| 34"    | 3/4"     | TTL1        |

| LENGTH  | PART NUMBER |
|---------|-------------|
| 19 1/2" | TTL40       |

| LENGTH | PART NUMBER |
|--------|-------------|
| 23"    | TTL50       |

| LENGTH | PART NUMBER |
|--------|-------------|
| 20"    | TTL95       |

**Tyre Spreader**

| DESCRIPTION         | PART NUMBER |
|---------------------|-------------|
| Tyre Spreader - Car | 5952971     |

**Water - Filling / Emptying Tool**

| DESCRIPTION                     | PART NUMBER |
|---------------------------------|-------------|
| Water - Filling / Emptying Tool | 5623138     |

**Rotating Wire Brush**

| DESCRIPTION                                     | PART NUMBER |
|-------------------------------------------------|-------------|
| 60 mm Rotary Wire Brush<br>c/w 6 mm Fixed Shaft | 5950076     |

**Hand Rasp**

| DESCRIPTION              | PART NUMBER |
|--------------------------|-------------|
| 4.5 mm - Small Hand Rasp | 5958937     |
| 6.5 mm - Large Hand Rasp | 5958944     |

**Brush**

For application of Special Cement BL - Part No. 5150340

| DESCRIPTION  | PART NUMBER |
|--------------|-------------|
| 230 mm Brush | 5950186     |

**Patch Stitcher**

| DESCRIPTION                          | PART NUMBER |
|--------------------------------------|-------------|
| Patch Stitcher - Wheel diameter 35mm | 5961027     |

**Marking Chalk**

| DESCRIPTION                      | PART NUMBER |
|----------------------------------|-------------|
| White Marking Chalk - Pack of 12 | 5950131     |

**MK3 Airline Gauge**

- Guaranteed accuracy - complies with BS EN 12645:1999 and EC Directive (86/217/EEC)
- Cast Aluminium body with impact absorbing rubber bumper - light (weighs less than 1 Kg) yet robust and durable
- Slimline design - attractive, easy to hold
- Magnified linear scale - accurate and easy to read anti-mist scale for inflation and deflation.
- Wire-sheathed hose - eliminates kinking
- Ergonomically designed trigger - comfortable and easy to use with "2 click" action
- Tested - each unit has a unique serial number and is supplied with a Certificate of Calibration
- Easy to install - full instructions supplied with each air line gauge

| DESCRIPTION       | PART NUMBER |
|-------------------|-------------|
| MK3 Airline Gauge | PCLGUN      |

**Air Inflator c/w Gauge**

| DESCRIPTION                                                              | PART NUMBER |
|--------------------------------------------------------------------------|-------------|
| Pistol Grip Inflator c/w clip on connector & Gauge (0-10 Bar /0-140 PSI) | 4288        |

# TRACTOL

## MK (T327)

### • What is it ?

A high gloss finish for agricultural and construction equipment

### • How do you apply it ?

Can be applied by brush direct from the can or adjusted for spray application following Ameron application procedures

### • What does it offer ?

- A paint finish comparable to the original in performance and appearance
- Excellent durability in all conditions
- Superior covering power and excellent gloss retention
- Flash point over 32 °C , allowing easier storage and compliance with Health and Safety regulations

### • How much Thinners ?

If MK (T327) has to be sprayed use 10% addition of TN02. This addition gives best spraying viscosity

### • How long does it take to dry ?

#### PRIMERS

|                  |            |
|------------------|------------|
| Touch Dry @ 20°C | 30 minutes |
| Hard Dry         | 2 hours    |
| Dry to recoat    | 1 hours    |

#### FINISHES

|                    |             |
|--------------------|-------------|
| Touch Dry @ 20°C   | 1 - 2 hours |
| Through Dry @ 20°C | 4 hours     |
| Hard Dry           | Overnight   |



# TRACTOL

## VQD (T340)

### • What is it ?

A specialist, professional VQD paint designed for spray application only by skilled users. Ideal for workshops and small manufacturers.

### • What does it offer ?

- Good gloss / Covering power
- Flexibility and very quick drying

### • How do we apply / handle it ?

#### IMPORTANT:

- No attempt should be made to brush this material - **Spray Only**
- MK (T327) and VQD (T340) should not be mixed
- Only specified solvents should be used

### • How much Thinners ?

If VQD (T340) has to be sprayed use 10% addition of TN02. This addition gives best spraying viscosity

### • How long does it take to dry ?

#### PRIMERS

|                  |            |
|------------------|------------|
| Touch Dry @ 20°C | 30 minutes |
| Hard Dry         | 2 hours    |
| Dry to recoat    | 1 hours    |

#### FINISHES

|            |            |
|------------|------------|
| Touch Dry  | 20 minutes |
| Handleable | 1 hour     |
| Hard Dry   | 2 hours    |



A **TRACTOL** Users Guide is available upon request. Contact our Sales Office or your Area Representative if you require a copy.

If you are an OEM Manufacturer we can manufacture Paint to your requirements. Contact our Sales Staff for further details.

## Blue

| DESCRIPTION              | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|--------------------------|--------------------------------------|---------------------------------------|
| Armstrong & Holmes Blue  | MK313                                | VQD313                                |
| A & S Blue               | MK181                                | VQD181                                |
| Baromix Blue             | MK147                                | VQD147                                |
| Berthoud Sprayer Blue    | MK226                                | VQD226                                |
| Bobard Blue              | MK258                                | VQD258                                |
| Braud Blue               | MK256                                | VQD256                                |
| Braud Dark Blue          | MK257                                | VQD257                                |
| Braud Sky Blue           | MK293                                | VQD293                                |
| CNH Blue                 | MK337                                | VQD337                                |
| Deutz Dark Blue          | MK49                                 | VQD49                                 |
| Evrard Blue              | MK260                                | VQD260                                |
| Fiat Someca Blue         | MK267                                | VQD267                                |
| Fiona Blue               | MK157                                | VQD157                                |
| Fiord Blue               | MK180                                | VQD180                                |
| Ford Tractor Blue        | MK16                                 | VQD16                                 |
| Fordson Empire Blue      | MK53                                 | VQD53                                 |
| Fortschritt Blue         | MK112                                | VQD112                                |
| Huard Blue               | MK265                                | VQD265                                |
| Iseki Blue               | MK114                                | VQD114                                |
| Iseki Grey Blue          | MK174                                | VQD174                                |
| Kidd Blue                | MK78                                 | VQD78                                 |
| Kobelco Blue             | MK245                                | VQD245                                |
| Komatsu Blue             | MK201                                | VQD201                                |
| Kubota Blue              | MK187                                | VQD187                                |
| Kubota Construction Blue | MK183                                | VQD183                                |
| Kubota KX Blue           | MK231                                | VQD231                                |
| Landini Blue             | MK37                                 | VQD37                                 |
| Landini Avio Blue        | MK190                                | VQD190                                |
| Landrover Blue           | MK55                                 | VQD55                                 |
| Landz Tractor Blue       | MK402                                | VQD402                                |
| Lely Light Blue          | MK149                                | VQD149                                |
| Lemken Blue              | MK250                                | VQD250                                |
| Leyland Dark Blue        | MK59                                 | VQD59                                 |
| Leyland Light Blue       | MK58                                 | VQD58                                 |
| Mengele Dark Blue        | MK155                                | VQD155                                |
| Mengele Light Blue       | MK154                                | VQD154                                |
| New Same Blue            | MK74                                 | VQD74                                 |
| Parmiter Blue            | MK50                                 | VQD50                                 |
| Perkins Oxford Blue      | MK71                                 | VQD71                                 |
| Ransomes Nacton Blue     | MK36                                 | VQD36                                 |
| Ransomes Orwell Blue     | MK38                                 | VQD38                                 |
| Same Blue                | MK10                                 | VQD10                                 |
| Sky Blue Ral 5015        | MK338                                | VQD338                                |
| Stanhay Drill Blue       | MK324                                | VQD324                                |
| Staub Blue               | MK285                                | VQD285                                |
| Sulky Blue               | MK270                                | VQD270                                |
| Touraine Blue            | MK65                                 | VQD65                                 |
| Tropic Blue              | MK110                                | VQD110                                |
| Trose Blue               | MK69                                 | VQD69                                 |
| Universal Tractor Blue   | MK120                                | VQD120                                |

## Beige

| DESCRIPTION       | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|-------------------|--------------------------------------|---------------------------------------|
| Daewoo Beige      | MK299                                | VQD299                                |
| Fiat Someca Beige | MK269                                | VQD269                                |
| Fortschritt Beige | MK116                                | VQD116                                |
| I.H. Beige        | MK125                                | VQD125                                |
| Maccormick Beige  | MK292                                | VQD292                                |
| Sulky Beige       | MK271                                | VQD271                                |
| Zetor Beige       | MK43                                 | VQD43                                 |

## Black

| DESCRIPTION            | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|------------------------|--------------------------------------|---------------------------------------|
| Black Gloss            | MK26                                 | VQD26                                 |
| Case 70/80 Gloss Black | MK68                                 | VQD68                                 |
| Daewoo Black           | MK302                                | VQD302                                |
| Halla Semi Gloss Black | MK309                                | VQD309                                |
| IH Black               | MK142                                | VQD142                                |
| Matt Black             | MK40                                 | VQD40                                 |
| Semi Matt Black        | MK143                                | VQD143                                |
| Tyre Paint             | SAM2                                 | SAM2                                  |
| Volvo Valmet Black     | MK167                                | VQD167                                |

## Brown

| DESCRIPTION          | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|----------------------|--------------------------------------|---------------------------------------|
| Bitter Chocolate     | MK207                                | VQD207                                |
| Case Brown           | MK199                                | VQD199                                |
| Case Power Tan       | MK41                                 | VQD41                                 |
| D.B. Chocolate Brown | MK52                                 | VQD52                                 |
| Fiat Autumn Prime    | MK83                                 | VQD83                                 |
| Fiat Brown           | MK87                                 | VQD87                                 |
| Fiat Terracotta      | MK86                                 | VQD86                                 |
| Ford Testa Di Morro  | MK249                                | VQD249                                |
| Fortschritt Brown    | MK170                                | VQD170                                |
| Hesston Terracotta   | MK221                                | VQD221                                |
| MF Brown             | MK70                                 | VQD70                                 |
| Valmet New Brown     | MK134                                | VQD134                                |
| Valmet Old Brown     | MK137                                | VQD137                                |
| Zetor Bronze         | MK277                                | VQD277                                |

## Clear

| DESCRIPTION   | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|---------------|--------------------------------------|---------------------------------------|
| Clear Lacquer | MK254                                | VQD254                                |

If required in 5 litre cans put -5 after the above part number, e.g **MK10-5**

All manufacturers part numbers shown in this publication are used for reference purposes only and it is not implied that the parts supplied by our company are used as original equipment

## Cream

| DESCRIPTION           | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|-----------------------|--------------------------------------|---------------------------------------|
| Belarus Tractor Cream | MK197                                | VQD197                                |
| Fahr Cream            | MK262                                | VQD262                                |
| Fortschritt Cream     | MK118                                | VQD118                                |
| Krone Cream           | MK335                                | VQD335                                |
| Landrover Cream       | MK145                                | VQD145                                |
| Parmiter Muffin       | MK311                                | VQD311                                |
| PZ Cream              | MK251                                | VQD251                                |
| Steyr Cream           | MK275                                | VQD275                                |

## Grey

| DESCRIPTION            | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|------------------------|--------------------------------------|---------------------------------------|
| Avto Belarus Aluminium | MK255                                | VQD255                                |
| Claas Grey             | MK175                                | VQD175                                |
| Daewoo Dark Grey       | MK298                                | VQD298                                |
| Daewoo Light Grey      | MK296                                | VQD296                                |
| Daewoo Grey            | MK300                                | VQD300                                |
| Dark Admiralty Grey    | MK206                                | VQD206                                |
| Deutz Grey             | MK264                                | VQD264                                |
| FDI Sambron Grey       | MK194                                | VQD194                                |
| Fendt Grey             | MK108                                | VQD108                                |
| Fermec Grey            | MK233                                | VQD233                                |
| Fiat Grey              | MK239                                | VQD239                                |
| Ford Tractor Grey      | MK48                                 | VQD48                                 |
| Fortschritt Grey       | MK172                                | VQD172                                |
| Gehl Grey              | MK247                                | VQD247                                |
| Gramplan Grey          | MK295                                | VQD295                                |
| Hitachi Bay Grey       | MK329                                | VQD329                                |
| Hitachi New Cab Grey   | MK331                                | VQD331                                |
| JCB Grey               | MK244                                | VQD244                                |
| Kobelco Grey           | MK246                                | VQD246                                |
| Kubota Dark Grey       | MK184                                | VQD184                                |
| Kubota Engine Grey     | MK195                                | VQD195                                |
| Kubota Light Grey      | MK182                                | VQD182                                |
| Kuhn Grey              | MK279                                | VQD279                                |
| Matbro Grey            | MK327                                | VQD327                                |
| MF Charcoal Grey       | MK22                                 | VQD22                                 |
| MF Flint Grey          | MK176                                | VQD176                                |
| MF Flint Grey Metallic | MK105                                | VQD105                                |
| MF Light Grey          | MK8                                  | VQD8                                  |
| MF New Silvermist      | MK160                                | VQD160                                |
| MF Silvermist          | MK20                                 | VQD20                                 |
| MF Unigrey             | MK7                                  | VQD7                                  |
| Renault Grey Gloss     | MK91                                 | VQD91                                 |
| Same Blue Grey         | MK39B                                | VQD39B                                |
| Same Grey              | MK39                                 | VQD39                                 |
| Same Medium Grey       | MK39A                                | VQD39A                                |
| Steyr Grey             | MK274                                | VQD274                                |
| Stoneleigh Grey        | MK15                                 | VQD15                                 |
| Poclain Dark Grey      | MK211                                | VQD211                                |
| Poclain Light Grey     | MK210                                | VQD210                                |
| Wheel Aluminium        | MK19                                 | VQD19                                 |

## Green

| DESCRIPTION             | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|-------------------------|--------------------------------------|---------------------------------------|
| Amazone Green           | MK212                                | VQD212                                |
| Arner Salmon Green      | MK126                                | VQD126                                |
| Atco Green              | MK104                                | VQD104                                |
| BP Dark Green           | MK314                                | VQD314                                |
| British Racing Green    | MK304                                | VQD304                                |
| Buckingham Green        | MK106                                | VQD106                                |
| Claas Green             | MK17                                 | VQD17                                 |
| Claas Matador Green     | MK215                                | VQD215                                |
| Cousins Green           | MK203                                | VQD203                                |
| Deutz Dark Green        | MK263                                | VQD263                                |
| Deutz Fahr Green        | MK228                                | VQD228                                |
| Deutz Green             | MK11                                 | VQD11                                 |
| Dowdeswell Green        | MK14                                 | VQD14                                 |
| Fendt Green             | MK76                                 | VQD76                                 |
| Fiat Someca Green       | MK268                                | VQD268                                |
| Fortschritt Grey Green  | MK117                                | VQD117                                |
| Fortschritt Green       | MK173                                | VQD173                                |
| Fraser Green            | MK44                                 | VQD44                                 |
| Krone Green             | MK336                                | VQD336                                |
| Kverneland Green        | MK89                                 | VQD89                                 |
| John Deere Green        | MK5                                  | VQD5                                  |
| Landrover Green         | MK54                                 | VQD54                                 |
| Loiseau Green           | MK280                                | VQD280                                |
| Loisirs Green           | MK287                                | VQD287                                |
| Merlo Green             | MK330                                | VQD330                                |
| Mid Brunswick Green     | MK57                                 | VQD57                                 |
| Nodet Green             | MK64                                 | VQD64                                 |
| Qualcast Concorde Green | MK303                                | VQD303                                |
| Qualcast Green          | MK93                                 | VQD93                                 |
| Ransomes Green          | MK23                                 | VQD23                                 |
| Reseda Green            | MK208                                | VQD208                                |
| Standen Green           | MK25                                 | VQD25                                 |
| Standen Light Green     | MK84                                 | VQD84                                 |
| Stoll Dark Green        | MK188                                | VQD188                                |
| Stoll Light Green       | MK189                                | VQD189                                |
| Suffolk Classic Green   | MK310                                | VQD310                                |
| Suffolk Lawnmower Elec. | MK229                                | VQD229                                |
| Terex Green             | MK230                                | VQD230                                |
| Tyregod Green           | MK162                                | VQD162                                |
| Volvo Motor Green       | MK168                                | VQD168                                |
| Wilbergs Green          | MK241                                | VQD241                                |
| Zetor Dark Green        | MK94                                 | VQD94                                 |

## Gold

| DESCRIPTION   | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|---------------|--------------------------------------|---------------------------------------|
| Harvest Gold  | MK75                                 | VQD75                                 |
| IH Rally Gold | MK218                                | VQD218                                |

If required in 5 litre cans put -5 after the above part number, e.g **MK118-5**

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## Orange

| DESCRIPTION           | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|-----------------------|--------------------------------------|---------------------------------------|
| Abbey Orange          | MK63                                 | VQD63                                 |
| Amazon Orange         | MK213                                | VQD213                                |
| Barnford Orange Rose  | MK85                                 | VQD85                                 |
| Besson Orange         | MK240                                | VQD240                                |
| Bourgoin Orange       | MK259                                | VQD259                                |
| Case Orange           | MK123                                | VQD123                                |
| Daewoo DH 450 Orange  | MK235                                | VQD235                                |
| Fahr Orange           | MK29                                 | VQD29                                 |
| FDI Sambron Orange    | MK193                                | VQD193                                |
| Fiat Laverda Orange   | MK79                                 | VQD79                                 |
| Fiat Orange (Finland) | MK144                                | VQD144                                |
| Fiat Orange           | MK2                                  | VQD2                                  |
| Griffiths Orange      | MK252                                | VQD252                                |
| Grimme Orange         | MK166                                | VQD166                                |
| Halla Orange          | MK305                                | VQD305                                |
| Hitachi Orange        | MK328                                | VQD328                                |
| Howard Orange         | MK27                                 | VQD27                                 |
| Jacobsen Orange       | MK320                                | VQD320                                |
| Kubota Orange         | MK4                                  | VQD4                                  |
| Kuhn Orange           | MK186                                | VQD186                                |
| Maschio Orange        | MK278                                | VQD278                                |
| Matrot Orange         | MK196                                | VQD196                                |
| New Same Orange       | MK100                                | VQD100                                |
| Nutfield Orange       | MK80                                 | VQD80                                 |
| Parmiter Orange       | MK312                                | VQD312                                |
| Renault Orange        | MK12                                 | VQD12                                 |
| Same Orange           | MK3                                  | VQD3                                  |
| Sunspot Orange        | MK115                                | VQD115                                |
| Thomas Orange         | MK156                                | VQD156                                |
| Ursus Orange          | MK177                                | VQD177                                |

## Pink

| DESCRIPTION       | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|-------------------|--------------------------------------|---------------------------------------|
| D.B. Hunting Pink | MK56                                 | VQD56                                 |

## Red

| DESCRIPTION         | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|---------------------|--------------------------------------|---------------------------------------|
| Accord Red          | MK243                                | VQD243                                |
| Amazon Red          | MK214                                | VQD214                                |
| Bamlett Red         | MK253                                | VQD253                                |
| Belarus Tractor Red | MK198                                | VQD198                                |
| Bright Cylinder Red | MK169                                | VQD169                                |
| Case Int MS 3 Red   | MK47                                 | VQD47                                 |
| Case Power Red      | MK31                                 | VQD31                                 |
| Claas Red           | MK164                                | VQD164                                |
| Countax Red         | MK317                                | VQD317                                |

continued .....

## Red .....continued

| DESCRIPTION           | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|-----------------------|--------------------------------------|---------------------------------------|
| D.B. Poppy Red        | MK51                                 | VQD51                                 |
| Dutzi Red             | MK113                                | VQD113                                |
| Fendt Red             | MK109                                | VQD109                                |
| Glossy Red Oxide      | MK261                                | VQD261                                |
| G.S. Red              | MK179                                | VQD179                                |
| Hardi Red             | MK192                                | VQD192                                |
| Harso Red             | MK178                                | VQD178                                |
| Honda Red             | MK283                                | VQD283                                |
| IH Red                | MK6                                  | VQD6                                  |
| IH XL Red             | MK62                                 | VQD62                                 |
| Iseki Red             | MK288                                | VQD288                                |
| J.F. Red              | MK82                                 | VQD82                                 |
| Krone Red             | MK216                                | VQD216                                |
| Kubota Red            | MK185                                | VQD185                                |
| Kubota KX Red         | MK232                                | VQD232                                |
| Kuhn Red              | MK294                                | VQD294                                |
| Lawnfite Red          | MK318                                | VQD318                                |
| Lely Red              | MK107                                | VQD107                                |
| Kverneland Red        | MK73                                 | VQD73                                 |
| Manitou Red           | MK223                                | VQD223                                |
| Mengele Red           | MK153                                | VQD153                                |
| MF Super Red          | MK1                                  | VQD1                                  |
| Mowershop A           | MK333                                | VQD333                                |
| Mowershop B           | MK334                                | VQD334                                |
| MTD-PBL Red           | MK284                                | VQD284                                |
| New Dutzi Red         | MK163                                | VQD163                                |
| New Holland Red       | MK77                                 | VQD77                                 |
| Nodet Red             | MK238                                | VQD238                                |
| Poclain Red           | MK209                                | VQD209                                |
| Post Office Red       | MK204                                | VQD204                                |
| Pottinger Red         | MK165                                | VQD165                                |
| PZ Red                | MK81                                 | VQD81                                 |
| Ransomes Red          | MK217                                | VQD217                                |
| Sampo Red             | MK132                                | VQD132                                |
| Star Red              | MK321                                | VQD321                                |
| Steyr Red             | MK276                                | VQD276                                |
| Taarup Red            | MK24                                 | VQD24                                 |
| Teagle Red            | MK148                                | VQD148                                |
| Toro Red              | MK290                                | VQD290                                |
| Track Marshall Red    | MK222                                | VQD222                                |
| Universal Tractor Red | MK119                                | VQD119                                |
| Ursus Red             | MK150                                | VQD150                                |
| Vicon Red             | MK13                                 | VQD13                                 |
| Volvo BM Valmet Red   | MK138                                | VQD138                                |
| Volvo Tractor Red     | MK159                                | VQD159                                |
| Welger Red            | MK158                                | VQD158                                |
| Wolf Red              | MK286                                | VQD286                                |
| Zetor Red             | MK42                                 | VQD42                                 |

If required in 5 litre cans put -5 after the above part number, e.g **MK2-5**

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## Silver

| DESCRIPTION      | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|------------------|--------------------------------------|---------------------------------------|
| BP Silver        | MK316                                | VQD316                                |
| Case I.H. Silver | MK97                                 | VQD97                                 |
| Deutz Silver     | MK224                                | VQD224                                |
| Honda Silver     | MK319                                | VQD319                                |

## White

| DESCRIPTION             | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|-------------------------|--------------------------------------|---------------------------------------|
| Amazon White            | MK219                                | VQD219                                |
| Case Refracted White    | MK122                                | VQD122                                |
| Daewoo White            | MK297                                | VQD297                                |
| D.B. Orchid White       | MK46                                 | VQD46                                 |
| Fiat White              | MK88                                 | VQD88                                 |
| Fiat 90 Series White    | MK103                                | VQD103                                |
| Ford Bianco White       | MK248                                | VQD248                                |
| Halla Ivory             | MK307                                | VQD307                                |
| Halla White             | MK308                                | VQD308                                |
| I.H. White              | MK72                                 | VQD72                                 |
| Iseki White             | MK191                                | VQD191                                |
| Komatsu White           | MK202                                | VQD202                                |
| Kubota KX White         | MK225                                | VQD225                                |
| Mercedes White          | MK332                                | VQD332                                |
| Motoculture Light Ivory | MK289                                | VQD289                                |
| Renault White           | MK99                                 | VQD99                                 |
| Same Ivory              | MK151                                | VQD151                                |
| Valmet Refracted White  | MK135                                | VQD135                                |
| Volvo BM Valmet White   | MK139                                | VQD139                                |
| White Gloss             | MK45                                 | VQD45                                 |
| Zetor Rim White         | MK141                                | VQD141                                |
| Zetor White             | MK95                                 | VQD95                                 |

## Yellow

| DESCRIPTION                 | MK (T327)<br>1 Litre Can<br>PART NO. | VQD (T340)<br>1 Litre Can<br>PART NO. |
|-----------------------------|--------------------------------------|---------------------------------------|
| Bernard Yellow              | MK282                                | VQD282                                |
| Bornford Yellow             | MK92                                 | VQD92                                 |
| BP Yellow                   | MK315                                | VQD315                                |
| Case Power Highway Yellow   | MK30                                 | VQD30                                 |
| Case Power Ind Yellow       | MK146                                | VQD146                                |
| Caterpillar New Yellow      | MK34                                 | VQD34                                 |
| Caterpillar Old Yellow      | MK96                                 | VQD96                                 |
| Daewoo 130 Yellow           | MK234                                | VQD234                                |
| Daewoo DH 220 Yellow (New)  | MK237                                | VQD237                                |
| Daewoo DH 220 Yellow (Old)  | MK236                                | VQD236                                |
| Daewoo Mustard Yellow       | MK301                                | VQD301                                |
| D.B. Golden Yellow          | MK60                                 | VQD60                                 |
| Dutzi yellow                | MK111                                | VQD111                                |
| Ford Construction Yellow    | MK121                                | VQD121                                |
| Ford Tractor Yellow         | MK35                                 | VQD35                                 |
| Ford (B1) Yellow            | MK101                                | VQD101                                |
| Fortschritt Yellow          | MK171                                | VQD171                                |
| Golden Yellow               | MK205                                | VQD205                                |
| Halla Yellow                | MK306                                | VQD306                                |
| Hardi Yellow                | MK242                                | VQD242                                |
| Huard Yellow                | MK28                                 | VQD28                                 |
| Hymac Yellow                | MK32                                 | VQD32                                 |
| I.H. Federal Yellow         | MK66                                 | VQD66                                 |
| JCB Yellow                  | MK18                                 | VQD18                                 |
| John Deere Yellow           | MK61                                 | VQD61                                 |
| Kidd Yellow                 | MK102                                | VQD102                                |
| Komatsu Yellow              | MK200                                | VQD200                                |
| Lannen Kone Yellow          | MK128                                | VQD128                                |
| Lokomo Machine Yellow       | MK127                                | VQD127                                |
| Lucas Yellow                | MK281                                | VQD281                                |
| Matbro Yellow               | MK323                                | VQD323                                |
| McConnell Yellow            | MK161                                | VQD161                                |
| MF Construction Yellow      | MK21                                 | VQD21                                 |
| MF Industrial Yellow        | MK9                                  | VQD9                                  |
| New Holland Yellow          | MK33                                 | VQD33                                 |
| Original New Holland Yellow | MK67                                 | VQD67                                 |
| Renault Yellow              | MK98                                 | VQD98                                 |
| Riviera & Casalis Yellow    | MK273                                | VQD273                                |
| Rowland Yellow              | MK326                                | VQD326                                |
| Sambro Yellow               | MK152                                | VQD152                                |
| Sampo Golden Yellow         | MK130                                | VQD130                                |
| Sampo Yellow                | MK129                                | VQD129                                |
| Sampo 30 Yellow             | MK131                                | VQD131                                |
| Simba Yellow                | MK322                                | VQD322                                |
| Track Marshall Yellow       | MK220                                | VQD220                                |
| Twose Yellow                | MK90                                 | VQD90                                 |
| Valmet New Yellow           | MK133                                | VQD133                                |
| Valmet Old Yellow           | MK136                                | VQD136                                |
| Vaslin Yellow               | MK272                                | VQD272                                |
| Volvo BM Valmet Ind Yellow  | MK140                                | VQD140                                |
| Walterscheid Yellow         | MK339                                | VQD339                                |

If required in 5 litre cans put -5 after the above part number, e.g **MK97-5**

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## Primer to suit MK and VQD

| DESCRIPTION | PART NUMBER |
|-------------|-------------|
| Red Oxide   | PR01        |
| Black       | PR02        |
| Grey Green  | PR03        |
| Grey        | PR04        |
| Buff        | PR05        |
| Pink        | PR06        |
| Blue        | PR07        |
| White       | PR08        |

## Thinners to suit MK and VQD

| DESCRIPTION            | PART NUMBER |
|------------------------|-------------|
| Thinners - 1 litre can | TN02        |
| Thinners - 5 litre can | TN02-5      |

This is a complete list of the Vehicle Paint Colours that are available to Mc HUGH & KRAMP LTD. There will be a certain amount of the less popular colours that we do not stock on our shelves. The minimum order for these non stock colours is **FOUR** litres. All BS Standard or RAL Standard colours are also available to special order. Additionally, in association with AMERON, we can offer technical advice and back up, for any specialised paint finishes you require i.e. 1 Pack or 2 Pack p.u., 1 coat Primer finish in a selection of colours and special Primers

If required in 5 litre cans put -5 after the above part number, e.g **PR01-5**

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