

Date: 20.10.2021

**Subject: ABS Pole Wheel Teeth Requirement.**

This Bulletin specifies the recommended ABS Pole Wheel Teeth requirements for TMC drum and disc brake axle models, to suit 17.5", 19.5", 22.5" and 24.0" wheels. The number of pole teeth used in a particular axle model is based on the dynamic rolling circumference of the tyre fitted.

| <b>AXLE MODEL</b>                              | <b>ECE R13.11 REPORT No.</b> | <b>TYRE / WHEEL SIZE</b> | <b>BRAKE SIZE</b> | <b>HUB TYPE</b>                             | <b>NUMBER OF POLE TEETH (STANDARD)</b> | <b>NUMBER OF POLE TEETH (OPTIONAL)</b> |
|--|------------------------------|--------------------------|-------------------|---|--|--|
| <b>PFRD-225-138</b><br><b>PFRD-U82-138</b>     | OSV469505<br>(225-138)       | 17.5"                    | 335 x 210<br>DRUM | 10 x 225 pcd                                | <b>80</b>                              | <b>N/A</b>                             |
| <b>PFRD-225-138</b>                            | OSV469505<br>(225-138)       | 19.5"                    | 335 x 210<br>DRUM | 8 x 275 pcd                                 | <b>80</b>                              | <b>100</b>                             |
| <b>PFRD-225-136S</b><br><b>PFRD-U82-136S</b>   | OSV469506<br>(225-136S)      | 17.5"                    | 335 x 160<br>DRUM | 10 x 225 pcd                                | <b>80</b>                              | <b>N/A</b>                             |
| <b>PFRD-225-377</b><br><b>PFRD-U82-377</b>     | OSV469507<br>(225-377)       | 19.5"                    | PAN 19-1<br>DISC  | 8 x 275 pcd                                 | <b>80</b>                              | <b>100</b>                             |
| <b>PFRD-225-377</b>                            | OSV469507<br>(225-377)       | 22.5"                    | PAN 19-1<br>DISC  | 10 x 285 pcd<br>10 x 335 pcd                | <b>100</b>                             | <b>N/A</b>                             |
| <b>PFRD-225/245-167</b><br><b>PFRD-U90-167</b> | OSV469508<br>(420x180)       | 22.5"                    | 420 x 180<br>DRUM | Dual Spider<br>10 x 285 pcd<br>10 x 335 pcd | <b>100</b>                             | <b>N/A</b>                             |
| <b>HD AXLE</b>                                 | OSW516788<br>(420x220)       | 22.5" &<br>24.0"         | 420 x 220<br>DRUM | 10 x 335 pcd                                | <b>100</b>                             | <b>N/A</b>                             |

**Note:-**

1) For 19.5" tyres / wheels fitted, either 80 or 100 teeth can be used. This is an overlap stage of the tyre dynamic rolling circumference.