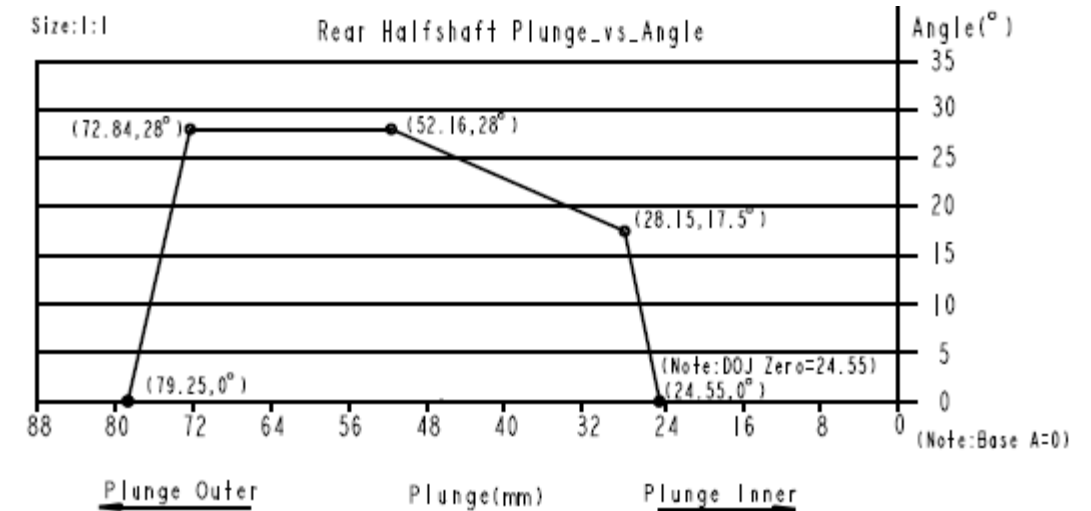


| PN | Description and Compressed Length (mm) | Used on Polaris Model | Outer CV Splines | Inner CV Splines | Plunge/Angle Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------------|---|---------------------|----------------------|--|--|-----------------|----|-------|-------|----------------|--------|----------------|-------------|----------------|-----------|---------------|-------------|----------------|---------------|----------------|-------------|-----------------------|------|-------------------|-------------|-------------|-------|--|-------------|--------------|--|---|------------------------|----|--|-------|--------------|---------|-----------|-------|----------------|-----|----------------|-------------|----------------|-------------|---------------|--------|----------------|---------------|-------------------|------------|-----------------------|---|--|-------|-------------|-------|----------------------|-------------|--------------|------|---------------------------------------|
| 1332947 | Rear Halfshaft - 708.15 | ACE 900 | <table border="1"> <thead> <tr> <th colspan="2">WHEEL HUB INTERFACE</th> </tr> </thead> <tbody> <tr> <td colspan="2">EXTERNAL INVOLUTE SPLINE (HARDENED) FILLET ROOT SIDE FIT</td> </tr> <tr> <td>NO. OF TEETH</td> <td>26</td> </tr> <tr> <td>PITCH</td> <td>24/48</td> </tr> <tr> <td>PRESSURE ANGLE</td> <td>45°</td> </tr> <tr> <td>PITCH DIAMETER</td> <td>1.0833 REF.</td> </tr> <tr> <td>BASE DIAMETER</td> <td>.766 REF.</td> </tr> <tr> <td>FORM DIAMETER</td> <td>1.0560</td> </tr> <tr> <td>MAJOR DIAMETER</td> <td>1.1250/1.1150</td> </tr> <tr> <td>MINOR DIAMETER</td> <td>1.0320 MIN.</td> </tr> <tr> <td colspan="2">CIRC. TOOTH THICKNESS</td> </tr> <tr> <td>MAX. EFFECTIVE</td> <td>.0738</td> </tr> <tr> <td>MIN. ACTUAL</td> <td>.0702</td> </tr> <tr> <td>MIN. MEAS. OVER PINS</td> <td>1.2135 REF.</td> </tr> <tr> <td>PIN DIAMETER</td> <td>.080</td> </tr> </tbody> </table> | WHEEL HUB INTERFACE | | EXTERNAL INVOLUTE SPLINE (HARDENED) FILLET ROOT SIDE FIT | | NO. OF TEETH | 26 | PITCH | 24/48 | PRESSURE ANGLE | 45° | PITCH DIAMETER | 1.0833 REF. | BASE DIAMETER | .766 REF. | FORM DIAMETER | 1.0560 | MAJOR DIAMETER | 1.1250/1.1150 | MINOR DIAMETER | 1.0320 MIN. | CIRC. TOOTH THICKNESS | | MAX. EFFECTIVE | .0738 | MIN. ACTUAL | .0702 | MIN. MEAS. OVER PINS | 1.2135 REF. | PIN DIAMETER | .080 | <table border="1"> <thead> <tr> <th colspan="2">DIFFERENTIAL INTERFACE</th> </tr> </thead> <tbody> <tr> <td colspan="2">ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED)</td> </tr> <tr> <td>NO. OF TEETH</td> <td>28</td> </tr> <tr> <td>PITCH</td> <td>24/48</td> </tr> <tr> <td>PRESSURE ANGLE</td> <td>45°</td> </tr> <tr> <td>PITCH DIAMETER</td> <td>1.1666 REF.</td> </tr> <tr> <td>BASE DIAMETER</td> <td>.8250 REF.</td> </tr> <tr> <td>FORM DIAMETER</td> <td>1.1370</td> </tr> <tr> <td>MAJOR DIAMETER</td> <td>1.2080/1.1980</td> </tr> <tr> <td>MINOR DIAMETER</td> <td>1.115 MIN.</td> </tr> <tr> <td colspan="2">CIRC. TOOTH THICKNESS</td> </tr> <tr> <td>MAX. EFFECTIVE</td> <td>.0738</td> </tr> <tr> <td>MIN. ACTUAL</td> <td>.0700</td> </tr> <tr> <td>MIN. MEAS. OVER PINS</td> <td>1.2978 REF.</td> </tr> <tr> <td>PIN DIAMETER</td> <td>.080</td> </tr> </tbody> </table> | DIFFERENTIAL INTERFACE | | ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | | NO. OF TEETH | 28 | PITCH | 24/48 | PRESSURE ANGLE | 45° | PITCH DIAMETER | 1.1666 REF. | BASE DIAMETER | .8250 REF. | FORM DIAMETER | 1.1370 | MAJOR DIAMETER | 1.2080/1.1980 | MINOR DIAMETER | 1.115 MIN. | CIRC. TOOTH THICKNESS | | MAX. EFFECTIVE | .0738 | MIN. ACTUAL | .0700 | MIN. MEAS. OVER PINS | 1.2978 REF. | PIN DIAMETER | .080 | <p>DOJ PLUNGE & ANGLE DIAGRAM</p> |
| WHEEL HUB INTERFACE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXTERNAL INVOLUTE SPLINE (HARDENED) FILLET ROOT SIDE FIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NO. OF TEETH | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PITCH | 24/48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRESSURE ANGLE | 45° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PITCH DIAMETER | 1.0833 REF. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASE DIAMETER | .766 REF. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORM DIAMETER | 1.0560 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAJOR DIAMETER | 1.1250/1.1150 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MINOR DIAMETER | 1.0320 MIN. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CIRC. TOOTH THICKNESS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX. EFFECTIVE | .0738 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN. ACTUAL | .0702 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN. MEAS. OVER PINS | 1.2135 REF. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIN DIAMETER | .080 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIFFERENTIAL INTERFACE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NO. OF TEETH | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PITCH | 24/48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRESSURE ANGLE | 45° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PITCH DIAMETER | 1.1666 REF. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASE DIAMETER | .8250 REF. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORM DIAMETER | 1.1370 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAJOR DIAMETER | 1.2080/1.1980 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MINOR DIAMETER | 1.115 MIN. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CIRC. TOOTH THICKNESS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX. EFFECTIVE | .0738 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN. ACTUAL | .0700 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN. MEAS. OVER PINS | 1.2978 REF. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIN DIAMETER | .080 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1333681 | Front Halfshaft - 690.15 | ACE 900 | <table border="1"> <thead> <tr> <th colspan="2">CV SPLINE</th> </tr> </thead> <tbody> <tr> <td colspan="2">ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) (DIMENSIONS IN INCHES)</td> </tr> <tr> <td>NUMBER OF TEETH</td> <td>26</td> </tr> <tr> <td>PITCH</td> <td>24/48</td> </tr> <tr> <td>PITCH DIA.</td> <td>1.0833</td> </tr> <tr> <td>BASE DIA.</td> <td>0.766</td> </tr> <tr> <td>PRESSURE ANGLE</td> <td>45°</td> </tr> <tr> <td>MAJOR DIA.</td> <td>1.121/1.110</td> </tr> <tr> <td>MINOR DIA. MIN</td> <td>1.042/1.037</td> </tr> <tr> <td>FORM DIA.</td> <td>1.054</td> </tr> <tr> <td>PIN DIA.</td> <td>0.08</td> </tr> <tr> <td>M.O.P. AFTER H.T.</td> <td>1.217/1.215</td> </tr> <tr> <td>CLASS</td> <td>6</td> </tr> </tbody> </table> | CV SPLINE | | ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) (DIMENSIONS IN INCHES) | | NUMBER OF TEETH | 26 | PITCH | 24/48 | PITCH DIA. | 1.0833 | BASE DIA. | 0.766 | PRESSURE ANGLE | 45° | MAJOR DIA. | 1.121/1.110 | MINOR DIA. MIN | 1.042/1.037 | FORM DIA. | 1.054 | PIN DIA. | 0.08 | M.O.P. AFTER H.T. | 1.217/1.215 | CLASS | 6 | <table border="1"> <thead> <tr> <th colspan="2">DOJ SPLINE</th> </tr> </thead> <tbody> <tr> <td colspan="2">ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) (DIMENSIONS IN INCHES)</td> </tr> <tr> <td>NUMBER OF TEETH</td> <td>22</td> </tr> <tr> <td>PITCH</td> <td>24/48</td> </tr> <tr> <td>PITCH DIA.</td> <td>0.91667</td> </tr> <tr> <td>BASE DIA.</td> <td>0.648</td> </tr> <tr> <td>PRESSURE ANGLE</td> <td>45°</td> </tr> <tr> <td>MAJOR DIA.</td> <td>0.958/0.948</td> </tr> <tr> <td>MINOR DIA. MIN</td> <td>0.875/0.866</td> </tr> <tr> <td>FORM DIA.</td> <td>0.887</td> </tr> <tr> <td>PIN DIA.</td> <td>0.08</td> </tr> <tr> <td>M.O.P. AFTER H.T.</td> <td>1.05/1.048</td> </tr> <tr> <td>CLASS</td> <td>6</td> </tr> </tbody> </table> | DOJ SPLINE | | ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) (DIMENSIONS IN INCHES) | | NUMBER OF TEETH | 22 | PITCH | 24/48 | PITCH DIA. | 0.91667 | BASE DIA. | 0.648 | PRESSURE ANGLE | 45° | MAJOR DIA. | 0.958/0.948 | MINOR DIA. MIN | 0.875/0.866 | FORM DIA. | 0.887 | PIN DIA. | 0.08 | M.O.P. AFTER H.T. | 1.05/1.048 | CLASS | 6 | <p>PLUNGING DIAGRAM OF DOJ SEE CHART</p> | | | | | | | | |
| CV SPLINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) (DIMENSIONS IN INCHES) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUMBER OF TEETH | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PITCH | 24/48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PITCH DIA. | 1.0833 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASE DIA. | 0.766 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRESSURE ANGLE | 45° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAJOR DIA. | 1.121/1.110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MINOR DIA. MIN | 1.042/1.037 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORM DIA. | 1.054 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIN DIA. | 0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M.O.P. AFTER H.T. | 1.217/1.215 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLASS | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOJ SPLINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) (DIMENSIONS IN INCHES) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUMBER OF TEETH | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PITCH | 24/48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PITCH DIA. | 0.91667 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASE DIA. | 0.648 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRESSURE ANGLE | 45° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAJOR DIA. | 0.958/0.948 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MINOR DIA. MIN | 0.875/0.866 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORM DIA. | 0.887 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIN DIA. | 0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M.O.P. AFTER H.T. | 1.05/1.048 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLASS | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1333081 Rear Halfshaft - 676.25 RZR 900S

| SPLINE A | |
|---|--------------------------------------|
| ANSI B92. 1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NO.OF TEETH | 26 |
| PITCH | DP24/48 |
| PITCH DIA. | 27.517 |
| PRESSURE ANGLE | 45° |
| MAJOR DIA. | 28.475 ⁰ _{-0.26} |
| MINOR DIA. | 26.458 ⁰ _{-0.13} |
| FILLET ROOT | SIDE FIT |
| PIN DIA. | 2.032 |
| M.O.P. AFTER H.T. | 30.93/30.87 |
| CLASS | 6 |
| INDEX ERROR | .076 MAX. |

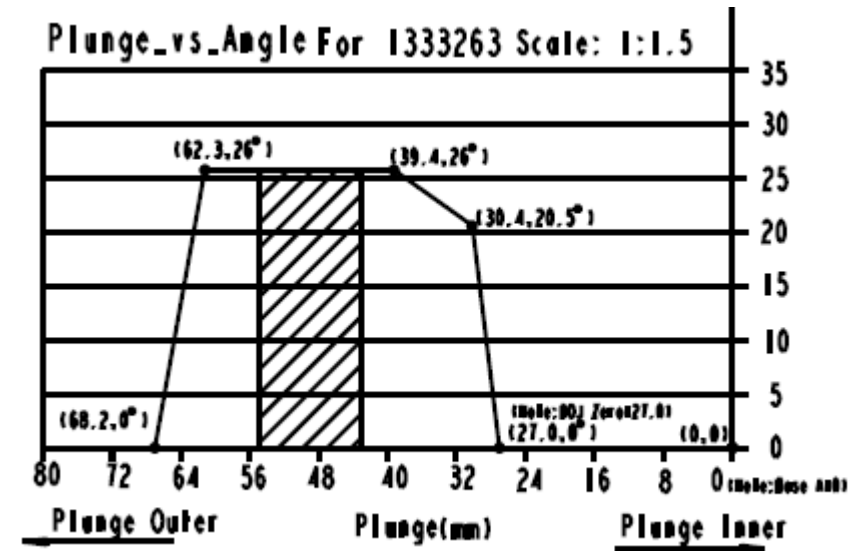
| SPLINE B | |
|---|---------------|
| ANSI B92. 1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NO.OF TEETH | 28 |
| PITCH | 24/48 |
| MODULE | 1.05833 |
| PRESSURE ANGLE | 45° |
| PITCH DIA. | 29.634 REF. |
| BASE DIA. | 20.955 REF. |
| FORM DIA. | 28.880 |
| MAJOR DIA. | 30.683/30.483 |
| MINOR DIA.MIN | 28.321 |
| MAX EFFECTIVE | 1.8745 |
| MIN ACTUAL | 1.778 |
| CLASS | 6 |
| PIN DIA. | 2.032 |
| M.O.P. AFTER H.T. | 32.965/33.06 |



1333263 Front Halfshaft - 691.05 RZR 900S

| SPLINE A | |
|---|--------------------------------------|
| ANSI B92. 1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NO.OF TEETH | 26 |
| PITCH | DP24/48 |
| PITCH DIA. | 27.517 |
| PRESSURE ANGLE | 45° |
| MAJOR DIA. | 28.475 ⁰ _{-0.26} |
| MINOR DIA. | 26.458 ⁰ _{-0.13} |
| FILLET ROOT | SIDE FIT |
| PIN DIA. | 2.032 |
| M.O.P. ROLL | 30.91/30.86 |
| M.O.P. AFTER H.T. | 30.93/30.87 |
| CLASS | 6 |
| INDEX ERROR | .076 MAX. |

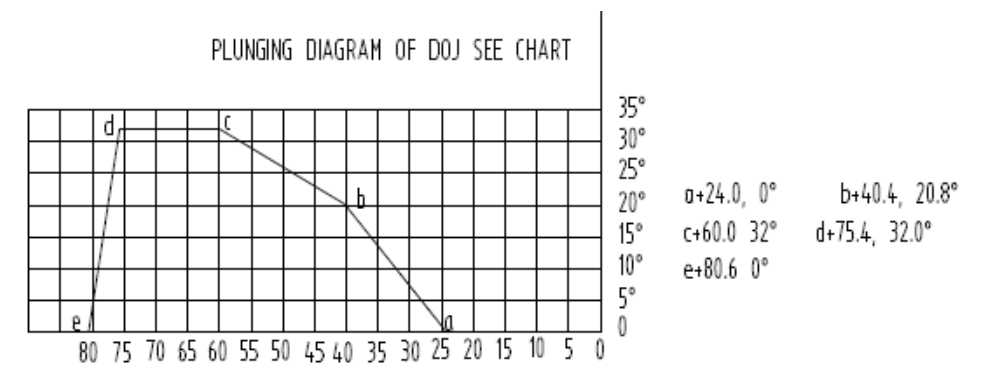
| SPLINE B | |
|---|---------------|
| ANSI B92. 1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NO.OF TEETH | 22 |
| PITCH | DP24/48 |
| PITCH DIA. | 23.2816 |
| PRESSURE ANGLE | 45° |
| MAJOR DIA. | 24.341/24.087 |
| MINOR DIA. | 22.225/22.000 |
| FILLET ROOT | SIDE FIT |
| PIN DIA. | 2.032 |
| M.B.P. ROLL | 26.68/26.63 |
| M.B.P. AFTER H.T. | 26.70/26.64 |
| CLASS | 6 |
| INDEX ERROR | .076 MAX. |



1333439 Rear Halfshaft - 727.05 RZR 1000 XP

| CV SPLINE (32) | |
|---|---------------|
| ANSI 892.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NUMBER OF TEETH | 26 |
| PITCH | 24/48 |
| MODULE | 1.05833 |
| PRESSURE ANGLE | 45° |
| PITCH DIA. | 27.517 REF. |
| BASE DIA. | |
| FORM DIA. | |
| MAJOR DIA. | 28.475/28.215 |
| MINOR DIA. MIN | 26.458/26.328 |
| MAX EFFECTIVE | 1.8745 |
| MIN ACTUAL | 1.778 |
| CLASS | 6 |
| PIN DIA. | 2.032 |
| M.O.P. AFTER H.T. | 30.870/30.930 |

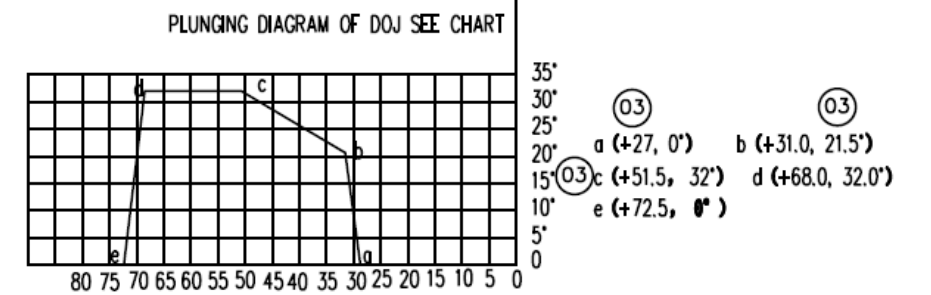
| DOJ SPLINE | |
|---|---------------|
| ANSI 892.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NUMBER OF TEETH | 28 |
| PITCH | 24/48 |
| MODULE | 1.05833 |
| PRESSURE ANGLE | 45° |
| PITCH DIA. | 29.634 REF. |
| BASE DIA. | 20.955 REF. |
| FORM DIA. | 28.880 |
| MAJOR DIA. | 30.683/30.483 |
| MINOR DIA. MIN | 28.321 |
| MAX EFFECTIVE | 1.8745 |
| MIN ACTUAL | 1.778 |
| CLASS | 6 |
| PIN DIA. | 2.032 |
| M.O.P. AFTER H.T. | 32.965/33.060 |



1333420 Front Halfshaft - 760.7 RZR 1000 XP

| WHEEL HUB INTERFACE | |
|--|-------------------|
| ANSI B92.1 - 1996 EXTERNAL INVOLUTE SPLINE (HARDENED) FILLET ROOT SIDE FIT | |
| FILLET ROOT SIDE FIT (INCH) | TOLERANCE CLASS 6 |
| NUMBER OF TEETH | 26 |
| PITCH | 24 / 48 |
| PRESSURE ANGLE | 45° |

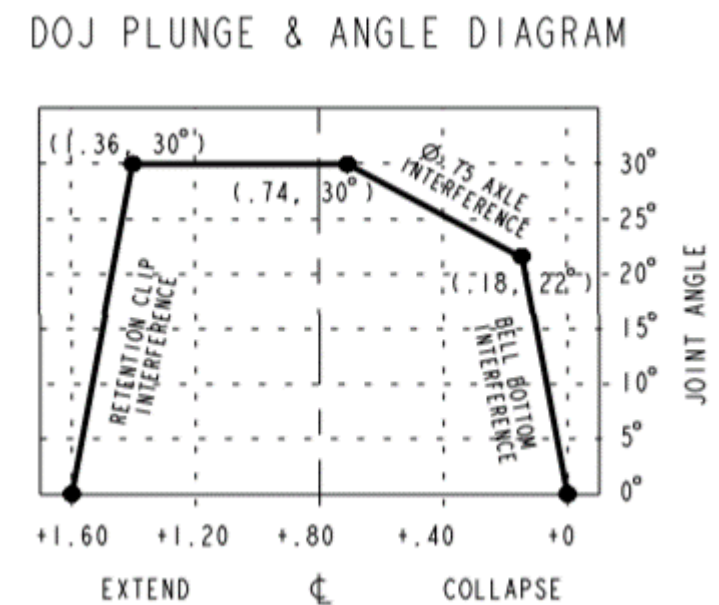
| DIFFERENTIAL INTERFACE | |
|--|-------------------|
| ANSI B92.1-1996 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| FILLET ROOT SIDE FIT (INCH) | TOLERANCE CLASS 6 |
| NUMBER OF TEETH | 22 |
| PITCH | 24 / 48 |
| PRESSURE ANGLE | 45° |



1333275 Rear Halfshaft- 575.82 Sportsman 570

| DOJ STEM EXTERNAL SPLINE | |
|---|---------------|
| EXTERNAL INVOLUTE SPLINE (HARDENED) ANSI B92.1 FILLET ROOT SIDE FIT | |
| NO. OF TEETH | 28 |
| PITCH | 24/48 |
| PRESSURE ANGLE | 45° |
| PITCH DIAMETER | 1.1667 REF. |
| BASE DIAMETER | .8250 REF. |
| FORM DIAMETER | 1.1370 |
| MAJOR DIAMETER | 1.2080/1.1980 |
| MINOR DIAMETER | 1.115 MIN. |
| CIRC. TOOTH THICKNESS | |
| MAX. EFFECTIVE | .0738 |
| MIN. ACTUAL | .0700 |
| MAX MEAS. OVER PINS | |
| MIN MEAS. OVER PINS | |
| PIN DIAMETER | .080 |

| DIFFERENTIAL INTERFACE | |
|---|---------------|
| ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NO. OF TEETH | 26 |
| PITCH | 24/48 |
| PRESSURE ANGLE | 45° |
| PITCH DIAMETER | 1.0833 REF. |
| BASE DIAMETER | .766 REF. |
| FORM DIAMETER | 1.0560 |
| MAJOR DIAMETER | 1.1250/1.1150 |
| MINOR DIAMETER | 1.0320 MIN. |
| CIRC. TOOTH THICKNESS | |
| MAX. EFFECTIVE | .0738 |
| MIN. ACTUAL | .0702 |
| MIN. MEAS. OVER PINS | 1.2155 REF. |
| PIN DIAMETER | .080 |



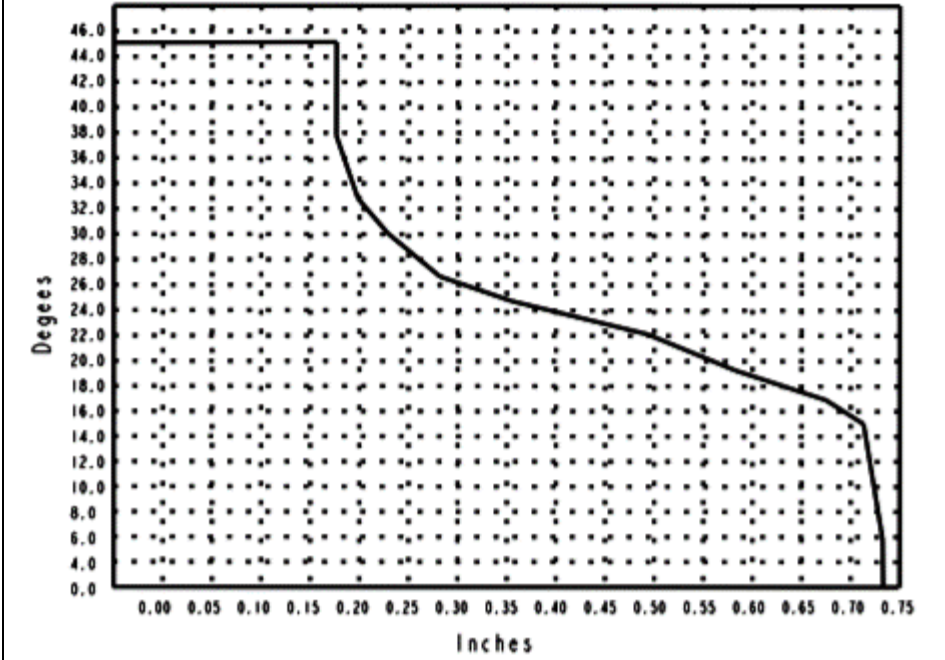
1332931

Front Halfshaft - 538.91

Sportsman
570

| WHEEL HUB INTERFACE | |
|---|------------|
| EXTERNAL INVOLUTE SPLINE (HARDENED) FILLET ROOT SIDE FIT | |
| NO. OF TEETH | 20 |
| PITCH | 24/48 |
| PRESSURE ANGLE | 45° |
| PITCH DIAMETER | .8333 REF. |
| BASE DIAMETER | .5893 REF. |
| FORM DIAMETER | .806 |
| MAJOR DIAMETER | .875/.865 |
| MINOR DIAMETER | .782 MIN. |
| CIRC. TOOTH THICKNESS | |
| MAX. EFFECTIVE | .0738 |
| MIN. ACTUAL | .0702 |
| MAX. MEAS. OVER PINS | .9655 REF. |
| MIN. MEAS. OVER PINS | .9643 |
| PIN DIAMETER | .080 |

| DIFFERENTIAL INTERFACE | |
|--|-------------|
| ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NO. OF TEETH | 22 |
| PITCH | 24/48 |
| PRESSURE ANGLE | 45° |
| PITCH DIAMETER | .9167 REF. |
| BASE DIAMETER | .6482 REF. |
| FORM DIAMETER | .8870 |
| MAJOR DIAMETER | .9580/.9480 |
| MINOR DIAMETER | .866 MIN. |
| CIRC. TOOTH THICKNESS | |
| MAX. EFFECTIVE | .0738 |
| MIN. ACTUAL | .0701 |
| MAX. MEAS. OVER PINS | 1.0494 REF. |
| MIN. MEAS. OVER PINS | 1.0477 |
| PIN DIAMETER | .080 |



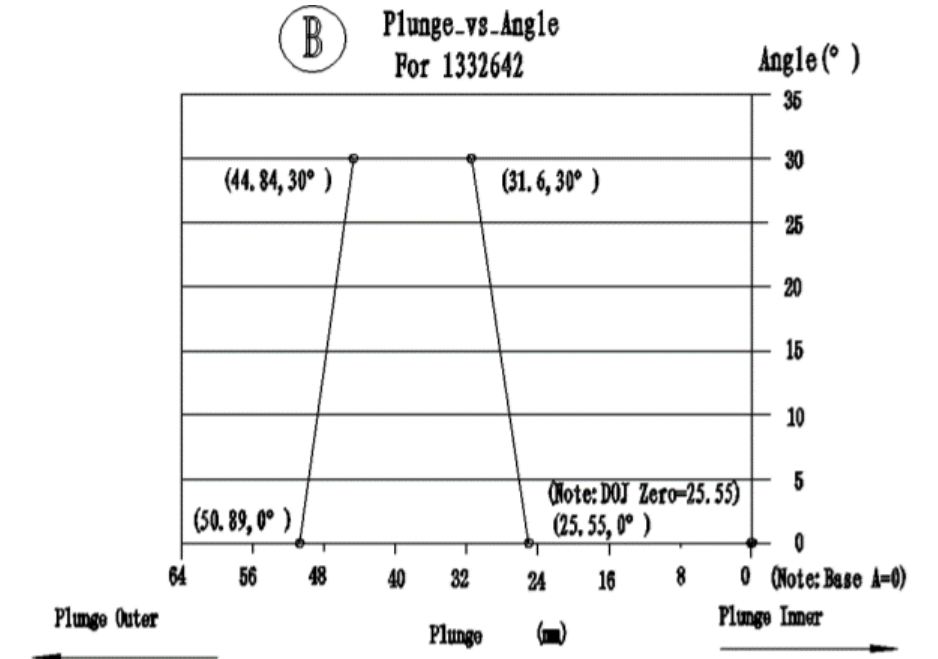
1332642

Rear Halfshaft - 552.55

Sportsman
850/1000

| SPLINE A | | |
|---|---------------|------|
| ANSI B92. 1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | | |
| NO. OF TEETH | 26 | |
| PITCH | 24/48 | |
| MODULE | 1.06833 | |
| PRESSURE ANGLE | 45° | |
| PITCH DIA. | 27.616 | REF. |
| BASE DIA. | 19.457 | REF. |
| FORM DIA. | 26.772 | |
| MAJOR DIA. | 28.675/28.376 | |
| MINOR DIA. MIN | 28.213 | |
| MAX EFFECTIVE | 1.8745 | |
| MIN ACTUAL | 1.778 | |
| CLASS | 6 | |
| PIN DIA. | 2.032 | |
| M.O.P. AFTER H.T. | 30.946/30.940 | |

| SPLINE B | | |
|---|---------------|------|
| ANSI B92. 1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | | |
| NO. OF TEETH | 28 | |
| PITCH | 24/48 | |
| MODULE | 1.06833 | |
| PRESSURE ANGLE | 45° | |
| PITCH DIA. | 29.633 | REF. |
| BASE DIA. | 20.954 | REF. |
| FORM DIA. | 28.88 | |
| MAJOR DIA. | 30.693/30.483 | |
| MINOR DIA. MIN | 28.321 | |
| MAX EFFECTIVE | 1.8745 | |
| MIN ACTUAL | 1.778 | |
| CLASS | 6 | |
| PIN DIA. | 2.032 | |
| M.O.P. AFTER H.T. | 32.946/33.05 | |



1333431 Front Halfshaft - 582.3

Sportsman
850/1000

| WHEEL HUB INTERFACE | |
|---|---------------|
| EXTERNAL INVOLUTE SPLINE (HARDENED) FILLET ROOT SIDE FIT | |
| NO. OF TEETH | 26 |
| PITCH | 24/48 |
| PRESSURE ANGLE | 45° |
| PITCH DIAMETER | 1.0833 REF. |
| BASE DIAMETER | .766 REF. |
| FORM DIAMETER | 1.0560 |
| MAJOR DIAMETER | 1.1250/1.1150 |
| MINOR DIAMETER | 1.0320 MIN. |
| CIRC. TOOTH THICKNESS | |
| MAX. EFFECTIVE | .0738 |
| MIN. ACTUAL | .0700 |
| MAX. MEAS. OVER PINS | 1.2155 REF. |
| MIN. MEAS. OVER PINS | 1.2135 REF. |
| PIN DIAMETER | .080 |

| DIFFERENTIAL INTERFACE | |
|--|-------------|
| ANSI B92.1 EXTERNAL INVOLUTE SPLINE FILLET ROOT SIDE FIT (HARDENED) | |
| NO. OF TEETH | 22 |
| PITCH | 24/48 |
| PRESSURE ANGLE | 45° |
| PITCH DIAMETER | .9167 REF. |
| BASE DIAMETER | .6482 REF. |
| FORM DIAMETER | .8870 |
| MAJOR DIAMETER | .9580/.9480 |
| MINOR DIAMETER | .866 MIN. |
| CIRC. TOOTH THICKNESS | |
| MAX. EFFECTIVE | .0738 |
| MIN. ACTUAL | .0701 |
| MAX. MEAS. OVER PINS | 1.0494 REF. |
| MIN. MEAS. OVER PINS | 1.0477 |
| PIN DIAMETER | .080 |

