# **W**LOOSE AXLE ORDERING GUIDE

This ORDERING GUIDE is intended to assist you in the selection of W&C Axle Series for Trailer.

For comprehensive information on other available W&C models, options and pricing, contact W&C CUSTOMER SERVICE at 800.445.0736 (US and Canada) or wc-customerservice@wcsuspensions-intl.com. Your W&C Customer Service Representative can help you complete this form.

| COMPANY: |  | NAME:            |  |  |  |
|----------|--|------------------|--|--|--|
| EMAIL:   |  | TELEPHONE / FAX: |  |  |  |
|          |  |                  |  |  |  |

**WARNING!** FAILURE TO PROVIDE <u>ALL</u> OF THE INFORMATION REQUESTED IN THIS FORM WILL PREVENT W&C FROM PROVIDING YOU WITH A CONFIGURED PART AND PRICE QUOTE. EACH STEP IN THIS FORM REQUIRES YOUR INPUT!



| AXLE TYPE   | SPINDLE TYPE   |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| STRAIGHT  | HN (TAPERED)   | HP (PARALLEL)                          |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
| <b>6.00"</b> DROP   | AXLE WALL  |  |  |  |  |  |  |
| 6.00  | <b>5</b> /8" (Nominal)   | <b>3</b> /4"                           |  |  |  |  |  |
|   | DIM  |  |  |  |  |  |  |
| AXLE TRACK  |  | AXLE CAPACITY                          |  |  |  |  |  |
| 71.50" (96" WIDE TRAILER)     77.50" (102" WIDE TRAILER)     OTHER: | SPINDLE SUSPENSION AXLE 1/2<br>TYPE DIAMETER 1/2                                       | 2" NOM. WALL 5/8" NOM. WALL 3/4" WALL  |  |  |  |  |  |
| AXLE TRACK FROM 60" TO 120" IN 1/2" INCREMENTS                      | HN MECHANICAL<br>SPRING 5" ROUND U   | JP TO 22,500 UP TO 25,000 UP TO 27,000 |  |  |  |  |  |
| AXLE TRACK  |  | OT ALLOWED UP TO 22,500 UP TO 25,000   |  |  |  |  |  |
| Q OF WHEELS   | HP MECHANICAL<br>SPRING 5" ROUND L   | JP TO 22,500 UP TO 25,000 UP TO 27,000 |  |  |  |  |  |
|   | NOTES:   | OT ALLOWED UP TO 22,500 UP TO 25,000   |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
| $( \downarrow ) \qquad ( \downarrow )$                              | FOR DRUM BRAKE OPTIONS, CONTINUE TO PAGE 2<br>For Air Disc Brake Options, go to page 3 |  |  |  |  |  |  |

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#### **DRUM BRAKE OPTIONS**

| BRAKE CHAMBER BRACKET      |   |                                       |                |                      | DRUM BRAKE WHEEL-END |   |  |  |        |  |
|----------------------------|---|---------------------------------------|----------------|----------------------|----------------------|---|--|--|--------|--|
|                            |   |                                       |                |                      |                      | I STANDARD  | CONMET PRESET PLUS   | ☐ LESS<br>WHEEL-END                                      |        |  |
| 100-                       |   |                                       |                |                      | hub<br>Material      | DUCTILE IRON (STANDARD)<br>ALUMINUM<br>DURA-LIGHT HUB | DUCTILE IRON (STANDARD)  | N/A  |        |  |
| DRUM BRAKE TYPE            |   |                                       |                |                      | drum<br>Material     | DUCTILE IRON (STANDARD)                               | DUCTILE IRON (STANDARD)  | N/A  |        |  |
| BRAKE LINING               |   | H20 (STANDAR                          |                |                      | H23                  | HUB STYLE   | HUB PILOT  | HUB PILOT  | N/A    |  |
| BRAKE SIZE                 | □ 12.25"×7.5                                    |                                       | □ 16.50"×8.63" |                      |                      | NUMBER OF<br>Studs - Bolt                             | □ 10 - 11.25" (STANDARD)<br>□ 10 - 335MM                       | 🗖 10 - 11.25'' (standard)                                | N/A    |  |
| BRAKE MODEL                | HXS*  | □ STANDARD<br>□ HXS*                  | HXS*           | ☐ STANDARD<br>☐ HXS* | HXS*                 | CIRCLE DIA.   | <b>8 - 275MM</b> (12.25"×7.50")                                |  |        |  |
| DADI//NO                   | TYPE 30/3                                       |                                       | TYPE 30/30     | □ TYPE 30/30         | TYPE 30/30           | STUD<br>Length  | LONG STUD SHORT STUD   | LONG STUD SHORT STUD                                     | N/A    |  |
| PARKING<br>CHAMBERS        | NONE     TYPE 30                                |                                       | I NONE         |                      | D NONE               | LUBE<br>TYPE  | SAE 80W/90 (STANDARD)<br>SYNTHETIC 75W/90<br>SEMI-FLUID GREASE | SAE 80W/90 (STANDARD) SYNTHETIC 75W/90 SEMI-FLUID GREASE | N/A    |  |
| SERVICE<br>CHAMBERS        |   |                                       | NONE           |                      | IONE                 | LUBE<br>INSTALLED                                     | ☐ YES (STANDARD)<br>☐ NO                                       | VES (STANDARD)   | N/A    |  |
| BRAKE<br>Chamber<br>Vendor | BRAKE<br>CHAMBER I STANDARD I VENDOR:<br>VENDOR |                                       |                |                      | Spindle<br>Nut       | ☐ 3-PIECE (STANDARD)<br>☐ PRO-TORQUE NUT              | (CONMET INCLUDED)  | N/A  |        |  |
| * HXS - EXTENDED LIFE      | SHOES   |                                       |                |                      |                      | ABS<br>TONE RING                                      | INSTALLED  | INSTALLED  | N/A    |  |
|                            | r   | S-CAM                                 |                |                      |                      |   |  |  |        |  |
|                            |   | <b>23.75</b> " (STANDA                |                | DIM                  |                      |   |  |  |        |  |
| S-CAM LENGTH               |   | ⊐ 26.50" (Long CA<br>⊐ OTHER (6.63" M |                |                      |                      |   |  |  |        |  |
| CAM TUBE                   |   |                                       |                | T YES                |                      |   |  |  |        |  |
|                            |   | SLACK ADJU                            |                |                      |                      |   |  |  |        |  |
| SLACK ADJUSTER LENGTH      |   |                                       |                |                      |                      |   |  |  |        |  |
|                            | ^   | DUST S                                |                |                      |                      |   |  | ST SE  | $\geq$ |  |
|                            | IE (STANDARD                                    |                                       | Ē              | YES                  |                      | (   |  |  | 5      |  |
| e                          |   |                                       |                |                      |                      |   |  |  |        |  |
| ABS SENSOR                 |   |                                       |                |                      | NOTES:               |   |  |  |        |  |
| □ NONE □ YES               |   |                                       |                |                      |                      |   |  |  |        |  |
|                            |   |                                       |                |                      |                      |   |  |  |        |  |

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| AIR DISC BRAKE OPTIONS          |                         |        |                            |                           |   |                          |  |  |  |
|---------------------------------|-------------------------|--------|----------------------------|---------------------------|---|--------------------------|--|--|--|
|                                 | AIR DIS                 | C BRAK | E                          | AIR DISC BRAKE WHEEL-END  |   |                          |  |  |  |
| AXLE VENDOR                     | LE VENDOR 🗍 WABCO PAN22 |        | 🗖 KNORR / BENDIX ADB22X-LT |                           | STANDARD  | CONMET PRESET            |  |  |  |
| PAD / LINING                    | / LINING WABCO 230      |        | BX276                      | HUB MATERIAL              | DUCTILE IRON  | ALUMINUM                 |  |  |  |
| ABS TONE<br>Ring Dust<br>Shield | REQUIRED                |        | REQUIRED                   | NUMBER OF<br>STUDS - BOLT | 10 - 11.25"   | 10 - 11.25"              |  |  |  |
| Rotor Brand /<br>Material       | 430MM CAST IRON         |        | 430MM CAST IRON            | CIRCLE DIA.               | 10 - 11.25  |                          |  |  |  |
| Parking<br>Chamber              | <b>TYPE 20/24</b>       |        | TYPE 18/24                 | STUD<br>LENGTH            | LONG STUD     SHORT STUD  | LONG STUD     SHORT STUD |  |  |  |
| SERVICE<br>Chamber              | <b>TYPE 20</b>          |        | <b>TYPE 18</b>             | LENGTH                    |   |                          |  |  |  |
|                                 |                         | SENSOR |                            | LUBE TYPE                 | SAE 80W/90 (STANDARD)   | SAE 80W/90 (STANDARD)    |  |  |  |
|                                 | NONE                    |        | T YES                      |                           |   |                          |  |  |  |
| (                               |                         |        | <i>д</i> р                 | LUBE<br>INSTALLED         | Image: YES (STANDARD)       INSTALLED         Image: NO       INSTALLED         3-PIECE (SET SCREW)       (CONMET INCLUDED) |                          |  |  |  |
|                                 |                         |        |                            | SPINDLE NUT               |   |                          |  |  |  |
|                                 |                         |        | B- CO                      | ABS TONE RING             | INSTALLED   | (CONMET INCLUDED)        |  |  |  |
| NOTES:                          |                         |        |                            |                           |   |                          |  |  |  |

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors. All applications must comply with applicable specifications from Watson & Chalin and the respective vehicle manufacturer. Contact Watson & Chalin for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

### Contact Watson & Chalin at 972.547.6020 for additional information.



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