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prior and written permission of Tenaris Connections B.V. and/or Hydril Company. This document as well as the information or data contained herein are the exclusive property of Tenaris, and are to be returned upon request therefore. prior and written permission of Tenaris Connections B.V. and/or Hydril Company. This document as well as the information or data contained herein are the exclusive property of tenaris, and are to be returned upon request therefore, All rights in proprietary and novel features of the subject matter are expressly reserved by Tenaris. Recipient's agreement to the foregoing is indicated by acceptance of this document. Copyrighted 2020 as an unpublished work. ALL CONNECTION

| CONNECTION |  |  |  |  |  |  | PIN |  |  |  |  |  | BOX |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SIZE (IN) | WEIGHT <br> (LB/FT) | WALL (IN) | PRODUCT | TAG | DRIFT <br> (IN) | DRIFT TYPE | LENGTH | RECUT LENGTH | INSIDE DIAMETER |  | OUTSIDE DIAMETER |  | LENGTH | RECUT LENGTH | INSIDE DIAMETER |  | OUTSIDE DIAMETER |  |
|  |  |  |  |  |  |  | MIN | MIN | MIN | MAX | MIN | MAX | MIN | MIN | MIN | MAX | MIN | MAX* |
| 2.375 | 4.70 | 0.190 | TenarisHydril Wedge 501 ${ }^{\text {m }}$ | Standard | 1.901 | Standard API Drift | $\begin{array}{\|c\|} \hline 3.96 \mathrm{in} \\ (100.6 \mathrm{~mm}) \\ \hline \end{array}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 1.935 \mathrm{in} \\ (49.16 \mathrm{~mm}) \end{gathered}$ | $\begin{array}{\|c\|} \hline 1.955 \mathrm{in} \\ (49.64 \mathrm{~mm}) \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 2.647 \mathrm{in} \\ (67.24 \mathrm{~mm}) \\ \hline \end{array}$ | $\begin{gathered} \hline 2.667 \mathrm{in} \\ (67.74 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 3.99 \mathrm{in} \\ (101.4 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 1.985 \mathrm{in} \\ (50.42 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 2.005 \mathrm{in} \\ (50.92 \mathrm{~mm}) \end{gathered}$ | $\begin{array}{\|c\|} \hline 2.647 \mathrm{in} \\ (67.24 \mathrm{~mm}) \\ \hline \end{array}$ | $\begin{array}{c\|} \hline 2.667 \mathrm{in} \\ (67.74 \mathrm{~mm}) \end{array}$ |
| 2.875 | 6.50 | 0.217 | TenarisHydril Wedge 501m | Standard | 2.347 | Standard API Drift | $\begin{gathered} 3.96 \mathrm{in} \\ (100.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 2.381 \mathrm{in} \\ (60.48 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 2.401 \mathrm{in} \\ (60.98 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.169 \mathrm{in} \\ (80.50 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.189 \mathrm{in} \\ (81.00 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 3.99 \mathrm{in} \\ (101.4 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 2.431 \mathrm{in} \\ (61.76 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 2.451 \mathrm{in} \\ (62.24 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.182 \mathrm{in} \\ (80.84 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.202 \mathrm{in} \\ (81.32 \mathrm{~mm}) \end{gathered}$ |
| 3.500 | 9.30 | 0.254 | TenarisHydril Wedge 501 ${ }^{\text {™ }}$ | Standard | 2.867 | Standard API Drift | $\begin{gathered} 3.96 \mathrm{in} \\ (100.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 2.932 \mathrm{in} \\ (74.48 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 2.952 \mathrm{in} \\ (74.98 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.817 \mathrm{in} \\ (96.96 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.837 \mathrm{in} \\ (97.44 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.99 \mathrm{in} \\ (101.4 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 2.982 \mathrm{in} \\ (75.76 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.002 \mathrm{in} \\ (76.24 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.876 \mathrm{in} \\ (98.46 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.896 \mathrm{in} \\ (98.94 \mathrm{~mm}) \end{gathered}$ |
| 4.000 | 11.00 | 0.262 | TenarisHydril Wedge 501 ${ }^{\text {m }}$ | Standard | 3.351 | Standard API Drift | $\begin{gathered} 3.96 \mathrm{in} \\ (100.6 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.416 \mathrm{in} \\ (86.78 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.436 \mathrm{in} \\ (87.26 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 4.326 \mathrm{in} \\ (109.90 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.346 \mathrm{in} \\ (110.38 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.99 \mathrm{in} \\ (101.4 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.466 \mathrm{in} \\ (88.04 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.486 \mathrm{in} \\ (88.54 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.396 \mathrm{in} \\ (111.66 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.416 \mathrm{in} \\ (112.16 \mathrm{~mm}) \end{gathered}$ |
| 4.500 | 11.60 | 0.250 | TenarisHydril Wedge 501 ${ }^{\text {m }}$ | Standard | 3.875 | Standard API Drift | $\begin{gathered} 3.96 \mathrm{in} \\ (100.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.940 \mathrm{in} \\ (100.08 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.960 \mathrm{in} \\ (100.58 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.818 \mathrm{in} \\ (122.38 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.838 \mathrm{in} \\ (122.88 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.99 \mathrm{in} \\ (101.4 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.990 \mathrm{in} \\ (101.36 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.010 \mathrm{in} \\ (101.84 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.881 \mathrm{in} \\ (123.98 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.901 \mathrm{in} \\ (124.48 \mathrm{~mm}) \end{gathered}$ |
| 4.500 | 12.75 | 0.271 | TenarisHydril Wedge 501 ${ }^{\text {™ }}$ | Standard | 3.833 | Standard API Drift | $\begin{gathered} 3.96 \mathrm{in} \\ (100.6 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.898 \mathrm{in} \\ (99.02 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.918 \mathrm{in} \\ (99.50 \mathrm{~mm}) \\ \hline \end{gathered}$ | $\begin{gathered} 4.836 \mathrm{in} \\ (122.84 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.856 \mathrm{in} \\ (123.34 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.99 \mathrm{in} \\ (101.4 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 1.72 \mathrm{in} \\ (43.6 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.948 \mathrm{in} \\ (100.28 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 3.968 \mathrm{in} \\ (100.78 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.916 \mathrm{in} \\ (124.88 \mathrm{~mm}) \end{gathered}$ | $\begin{gathered} 4.936 \mathrm{in} \\ (125.36 \mathrm{~mm}) \end{gathered}$ |

Dimensions provided do not include length required for tongs for making up assemblies. Please take this into consideration when designing and machining your accessory.
 Reading).
BLANK Min Length includes 0.02 " ( 0.5 mm ) extra material for facing.
These Blanking Dimensions are NOT applicable For Handling \& lifting plug, HydroTest Caps \& HydroTest Plugs.
N/A: Not Applicable
*For OEM Max OD is not restricted.
Yellow - Shaded corresponds to modified from previous document revision.

