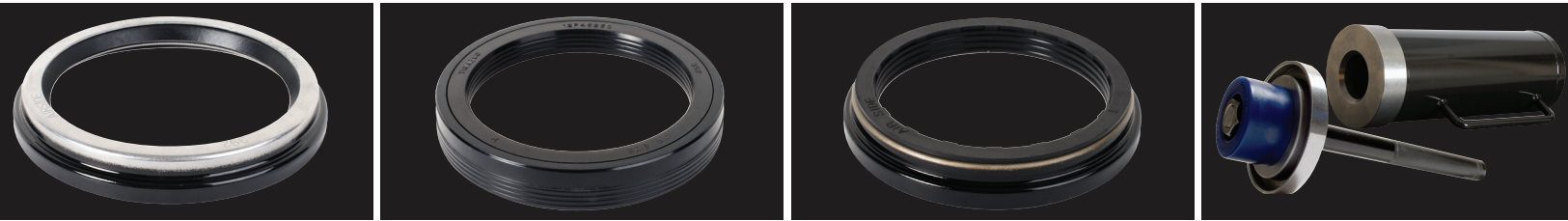


# installation tools for leather seals



| TIMKEN KIT NUMBER | TIMKEN SEAL NUMBER | TIMKEN TOOL KIT NUMBER | TYPE           | TOOL COMPONENTS | SLEEVE TOOL | BEARING NUMBER | BEARING I.D. |
|-------------------|--------------------|------------------------|----------------|-----------------|-------------|----------------|--------------|
| 11Y47672          | 11L48750           | T11L48750              | Leather Series | H SD45 BG348    | AD DP348    | 594, 594A      | 3.750        |
| 11Y47671          | 11L48751           | T11L48751              | Leather Series | H SD40 BG348    | AD DP348    | 594, 594A      | 3.750        |
| 11Y45001          | 11L46370           | T11L46370              | Leather Series | H SD39 BG316    | AD DP316    | 580, 582       | 3.250        |
| 11Y45000          | 11L46250           | T11L46250              | Leather Series | H SD39 BG348    | AD DP348    | 594, 594A      | 3.750        |
| 11Y47670          | 11L47670           | T11L47670              | Leather Series | H SD46 BG348    | AD DP348    | 683            | 3.750        |
| 11Y42500          | 11L43751           | T11L43751              | Leather Series | H SD37 BG316    | AD DP316    | 663, HM516449  | 3.250        |
| N/A               | 12L45000           | T12L45000              | Leather Series | H SD38 BG324    | AD DP324    | 665A           | 3.375        |
| 12Y46250          | 12L47340           | T12L47340              | Leather Series | H SD19 BG335A   | AD DP335A   | HM218248       | 3.542        |
| 12Y42501          | 12L43750           | T12L43750              | Leather Series | H SD49 BG332    | AD DP332    | 593, HM518445  | 3.500        |
| 12Y40000          | 12L41250           | T12Y40000              | Leather Series | H SD48 BG316    | AD DP316    | 663            | 3.250        |
| 11Y40000          | 11L41250           | T11L41250              | Leather Series | H SD48 BG316    | AD DP316    | 663            | 3.250        |
| 11X47676          | 11L48750           | T11L48750              | Leather Series | H SD45 BG348    | AD DP348    | 594, 594A      | 3.750        |
| 11X47675          | 11L48751           | T11L48751              | Leather Series | H SD40 BG348    | AD DP348    | 594, 594A      | 3.750        |
| 11X43750          | 11L45000           | T11L45000              | Leather Series | H SD38 BG316    | AD DP316    | 595            | 3.250        |
| 11X45002          | 11L46370           | T11L46370              | Leather Series | H SD39 BG316    | AD DP316    | 580, 582       | 3.250        |
| 11X42620          | 11L43650           | T11L43650              | Leather Series | H SD37 BG316    | AD DP316    | 582, 663A      | 3.250        |
| 11X38752          | 11L39840           | T11L39840              | Leather Series | H SD34 BG316    | AD DP316    | 47685 / 47686  | 3.250        |
| 12X43751          | 11L45001           | T11L45001              | Leather Series | H SD38 BG340    | AD DP340    | 598            | 3.625        |
| 11X45001          | 11L46250           | T11L46250              | Leather Series | H SD39 BG348    | AD DP348    | 594, 594A      | 3.750        |
| 11X47674          | 11L47670           | T11L47670              | Leather Series | H SD46 BG348    | AD DP348    | 683            | 3.750        |
| 11X42500          | 11L43751           | T11L43751              | Leather Series | H SD37 BG316    | AD DP316    | 663, HM516449  | 3.250        |
| 11X39370          | 11L40460           | T11L40460              | Leather Series | H SD44 BG300    | AD DP300    | 495AX          | 3.000        |
| 11X35000          | 11L36250           | T11L36250              | Leather Series | H SD32 BG252    | AD DP252    | 33281          | 2.812        |
| 11X34370          | 11L36250           | T11L36250              | Leather Series | H SD32 BG252    | AD DP252    | 33281          | 2.812        |
| 11X45620          | 12L49370           | T12L49370              | Leather Series | H SD41 BG324    | AD DP324    | 758            | 3.375        |
| 11X52500          | 11L53750           | T11L53750              | Leather Series | H SD42 BG400    | AD DP400    | 687, 780       | 4.000        |
| 11X48750          | 11L49930           | T11L49930              | Leather Series | H SD41 BG340    | AD DP340    | 598, 598A      | 3.625        |
| 11X47673          | 11L49930           | T11L49930              | Leather Series | H SD41 BG340    | AD DP340    | 598, 598A      | 3.625        |
| 11X47672          | 11L48751           | T11L48751              | Leather Series | H SD40 BG348    | AD DP348    | 594, 594A      | 3.750        |
| 11X47671          | 11L48750           | T11L48750              | Leather Series | H SD45 BG348    | AD DP348    | 594, 594A      | 3.750        |
| 11X47670          | 11L49530           | T11L49530              | Leather Series | H SD43 BG316    | AD DP316    | 581            | 3.250        |
| 11X50000          | 11L51250           | T11L51250              | Leather Series | H SD43 BG316    | AD DP316    | 663, HM516449  | 3.250        |

| TIMKEN KIT NUMBER | TIMKEN SEAL NUMBER | TIMKEN TOOL KIT NUMBER | TYPE           | TOOL COMPONENTS |      |        | SLEEVE TOOL  |        | BEARING NUMBER | BEARING I.D. |
|-------------------|--------------------|------------------------|----------------|-----------------|------|--------|--------------|--------|----------------|--------------|
|                   |                    |                        |                | H               | SD   | BG     | AD           | DP     |                |              |
| 11X41560          | 11L41560           | T11L41560              | Leather Series | H               | SD36 | BG316  | NOT REQUIRED |        | 47686          | 3.250        |
| 11X33120          | 11L34060           | T11L34060              | Leather Series | H               | SD30 | BG240  | NOT REQUIRED |        | 3984           | 2.625        |
| 12X31251          | 12L32500           | T12L32500              | Leather Series | H               | SD28 | BG240  | AD           | DP240  | 3984           | 2.625        |
| 12X39370          | 12X39370           | T12X39370              | Leather Series | H               | SD44 | BG300  | AD           | BG300  | 495AX          | 3.000        |
| 11X38751          | 11L40471           | T11L40471              | Leather Series | H               | SD35 | BG300  | AD           | DP300  | 5760, 47687    | 3.000        |
| 11X38750          | 11L40470           | T11L40470              | Leather Series | H               | SD35 | BG300  | AD           | DP300  | 42688          | 3.000        |
| 11X45000          | 11L46370           | T11L46370              | Leather Series | H               | SD39 | BG316  | AD           | DP316  | 580, 582       | 3.250        |
| 10X35003          | 10L36253           | T10L36253              | Leather Series | H               | SD31 | BG240  | AD           | DP240  | HM212049       | 2.625        |
| 10X43750          | 10L45000           | T10L45000              | Leather Series | H               | SD47 | BG300  | AD           | DP300  | 6461A          | 3.000        |
| 10X45001          | 10L46130           | T10L46130              | Leather Series | H               | SD39 | BG252  | AD           | DP252  | H715345        | 2.812        |
| 10X28751          | 10L29680           | T10L29680              | Leather Series | H               | SD25 | BG200  | AD           | DP200  | 45284          | 2.000        |
| 12X36251          | 10L37500           | T10L37500              | Leather Series | H               | SD33 | BG232  | AD           | DP232  | HM212047       | 2.500        |
| 10X45000          | 10L46250           | T10L46250              | Leather Series | H               | SD39 | BG240  | AD           | DP240  | 641, HM212049  | 2.625        |
| 10X40000          | 10L46250           | T10L46250              | Leather Series | H               | SD39 | BG252  | AD           | DP252  | 6386A          | 2.812        |
| 10X48751          | 10L49370           | T10L49370              | Leather Series | H               | SD41 | BG308  | AD           | DP308  | 756A           | 3.125        |
| 10X28750          | 10L29800           | T10L29800              | Leather Series | H               | SD25 | -      | NOT REQUIRED |        | JM205149       | 2.160        |
| 10X25002          | 10X25002           | T10X25002              | Leather Series | H               | SD32 | BG232  | AD           | DP232  | 39585          | 2.500        |
| 10X35001          | 10X35001           | T10X35001              | Leather Series | H               | SD32 | BG200  | AD           | DP200  | 45284          | 2.000        |
| 10X25620          | 10X25620           | T10X25620              | Leather Series | H               | SD44 | BG236  | AD           | DP236  | 6379           | 2.562        |
| 10X26252          | 10L40470           | T10L40470              | Leather Series | H               | SD35 | BG240  | AD           | DP240  | 641, HM212049  | 2.625        |
| 10X25001          | 10L31250           | T10L31250              | Leather Series | H               | SD26 | BG232  | AD           | DP232  | 559, HM212046  | 2.500        |
| 12X28751          | 12L29380           | T12L29380              | Leather Series | H               | SD25 | BG200  | AD           | DP200  | 45284          | 2.000        |
| 10X32500          | 10L33120           | T10L33120              | Leather Series | H               | SD29 | BG216  | AD           | DP216  | 39581          | 2.250        |
| 11X27500          | 10L38750           | T10L38750              | Leather Series | H               | SD33 | BG216  | AD           | DP216  | 623            | 2.250        |
| 10X21250          | 10L31870           | T10L31870              | Leather Series | H               | SD26 | -      | NOT REQUIRED |        | 39578, 4595    | 2.125        |
| 10X31250          | 10L33590           | T10L33590              | Leather Series | H               | SD30 | BG200  | AD           | DP200  | 45284, 45285   | 2.000        |
| 12X43750          | 12L45000           | T12L45000              | Leather Series | H               | SD38 | BG324  | AD           | BG324  | 665A           | 3.375        |
| 12X46250          | 12L47340           | T12L47340              | Leather Series | H               | SD19 | BG335A | AD           | DP335A | HM218248       | 3.542        |
| 12X42504          | 12L43750           | T12L43750              | Leather Series | H               | SD49 | BG332  | AD           | DP332  | HM518445       | 3.500        |
| 12X35003          | 12L43750           | T12L43750              | Leather Series | H               | SD49 | BG332  | AD           | DP332  | 593, HM518445  | 3.500        |
| 12X33150          | 12L36251           | T12L36251              | Leather Series | H               | SD32 | BG300  | AD           | DP300  | 42687          | 3.000        |
| 12X32470          | 12L36251           | T12L36251              | Leather Series | H               | SD32 | BG300  | AD           | DP300  | 42687          | 3.000        |
| 12X31250          | 12X31250           | T12X31250              | Leather Series | H               | SD29 | BG236  | AD           | DP236  | JM511946       | 2.562        |
| 12X32500          | 12L43751           | T12L43751              | Leather Series | H               | SD49 | BG316  | AD           | DP316  | 663, 749A      | 3.250        |
| 12X48231          | 11L49370           | T11L49370              | Leather Series | H               | SD41 | BG348  | AD           | DP348  | 594A           | 3.750        |
| 12X42501          | 12L43750           | T12L43750              | Leather Series | H               | SD49 | BG332  | AD           | DP332  | 593, HM518445  | 3.500        |
| 12X45000          | 12L49530           | T12L49530              | Leather Series | H               | SD41 | BG332  | AD           | DP332  | 759            | 3.500        |
| N/A               | 11L41250           | T11L41250              | Leather Series | H               | SD48 | BG316  | AD           | DP316  | 663            | 3.250        |
| 12X35000          | 12L36250           | T12L36250              | Leather Series | H               | SD31 | BG232  | AD           | DP232  | 39250          | 2.500        |
| 12X41250          | 12L49530           | T12L49530              | Leather Series | H               | SD41 | BG332  | AD           | DP332  | 759            | 3.500        |



The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, belts, chain and related mechanical power transmission products and services.

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