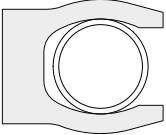
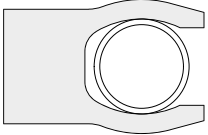
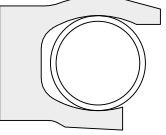
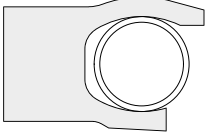
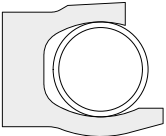
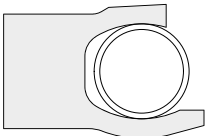
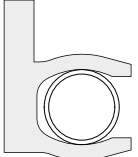
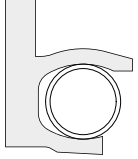
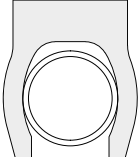
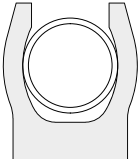


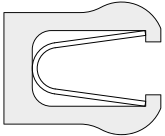
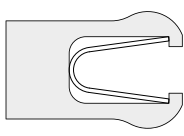
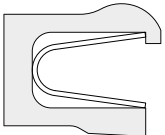
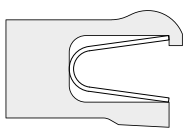
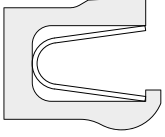
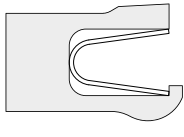
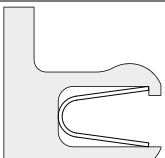
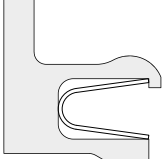
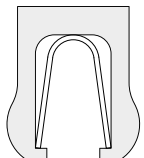
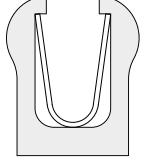
## Unilion® types J01 to J10

### Standard profiles

| Radial seals  |                     |  |                     |   |
|---|---------------------|--|---------------------|---|
|   | Type                | Features   | Type                |   |
|    | <b>Unilion® J01</b> | Radial seal for static and dynamic duties; suitable as rod or piston seal.<br>Medium to high spring load for positive sealing, but with some friction.<br>Suitable for service with medium to high system pressure.<br>Type J01: Standard profile<br>Type J02: As J01, but with extended heel for higher pressure service. | <b>Unilion® J02</b> |    |
|   | <b>Unilion® J03</b> | As Type J01, but for reciprocating action only.<br>Contains scraper lip on inside diameter.<br>Type J03: Standard profile.<br>Type J04: As J03, but with extended heel for higher pressure service.  | <b>Unilion® J04</b> |   |
|  | <b>Unilion® J05</b> | As Type J01, but for reciprocating action only.<br>Contains scraper lip on outside diameter.<br>Type J05: Standard profile.<br>Type J06: As J05, but with extended heel for higher pressure service.   | <b>Unilion® J06</b> |  |
| Radial flange seals   |                     |  |                     |   |
|  | <b>Unilion® J07</b> | As Type J01, but has flange that is clamped to prevent undesirable movement of the seal.<br>Rotation can occur with standard designs, due to thermal expansion.  |                     |   |
|  | <b>Unilion® J08</b> | As Types J01 and J07, but for reciprocating action only.<br>Contains scraper lip on inside diameter.   |                     |   |
| Axial seals   |                     |  |                     |   |
|  | <b>Unilion® J09</b> | Axial seal for static applications as in Type J01.<br>Used as an internal face seal.   |                     |   |
|  | <b>Unilion® J10</b> | Axial seal for static applications as in Type J01.<br>Used as an external face seal.   |                     |   |

## Unilion® types J20 to J29

### Standard profiles

| Radial seals  |                     |   |                     |   |
|---|---------------------|---|---------------------|---|
|   | Type                | Features  | Type                |   |
|    | <b>Unilion® J20</b> | Radial seal for dynamic duties as rod or piston seal.<br>Low spring load and high deflection provides low friction sealing and compensates for minor eccentricity or misalignment.<br>Suitable for service with low to medium system pressure and/or speed.<br>Type J20: Standard profile.<br>Type J21: As J20, but with extended heel for higher pressure service. | <b>Unilion® J21</b> |    |
|   | <b>Unilion® J22</b> | As Type J20, but for reciprocating action only.<br>Contains scraper lip on inside diameter.<br>Type J22: Standard profile.<br>Type J23: As J22, but with extended heel for higher pressure service.   | <b>Unilion® J23</b> |   |
|  | <b>Unilion® J24</b> | As Type J20, but for reciprocating action only.<br>Contains scraper lip on outside diameter.<br>Type J24: Standard profile.<br>Type J25: As J24, but with extended heel for higher pressure service.  | <b>Unilion® J25</b> |  |
| Radial flange seals   |                     |   |                     |   |
|  | <b>Unilion® J26</b> | As Type J20, but has flange that is clamped to prevent the seal rotating with the shaft.<br>Rotation can occur with standard designs, due to thermal expansion and other effects with dynamic applications.   |                     |   |
|  | <b>Unilion® J27</b> | As Types J20 and J26, but for reciprocating action only.<br>Contains scraper lip on inside diameter.  |                     |   |
| Axial seals   |                     |   |                     |   |
|  | <b>Unilion® J28</b> | Axial seal for static or dynamic applications as in Type J20.<br>Used as an internal face seal.   |                     |   |
|  | <b>Unilion® J29</b> | Axial seal for static or dynamic applications as in Type J20.<br>Used as an external face seal.   |                     |   |

## Unilion<sup>®</sup> types J30 & J31

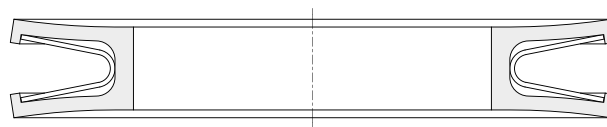
### Standard profiles

Our axial face seals Unilion<sup>®</sup> Type J30 and J31 contain a heavy duty, higher load spring. We recommend these seals for extreme static sealing conditions.

**Axial seal for internal pressure: Unilion<sup>®</sup> J30**



**Axial seal for external pressure: Unilion<sup>®</sup> J31**



Note: please specify OD for J30, and ID for J31.