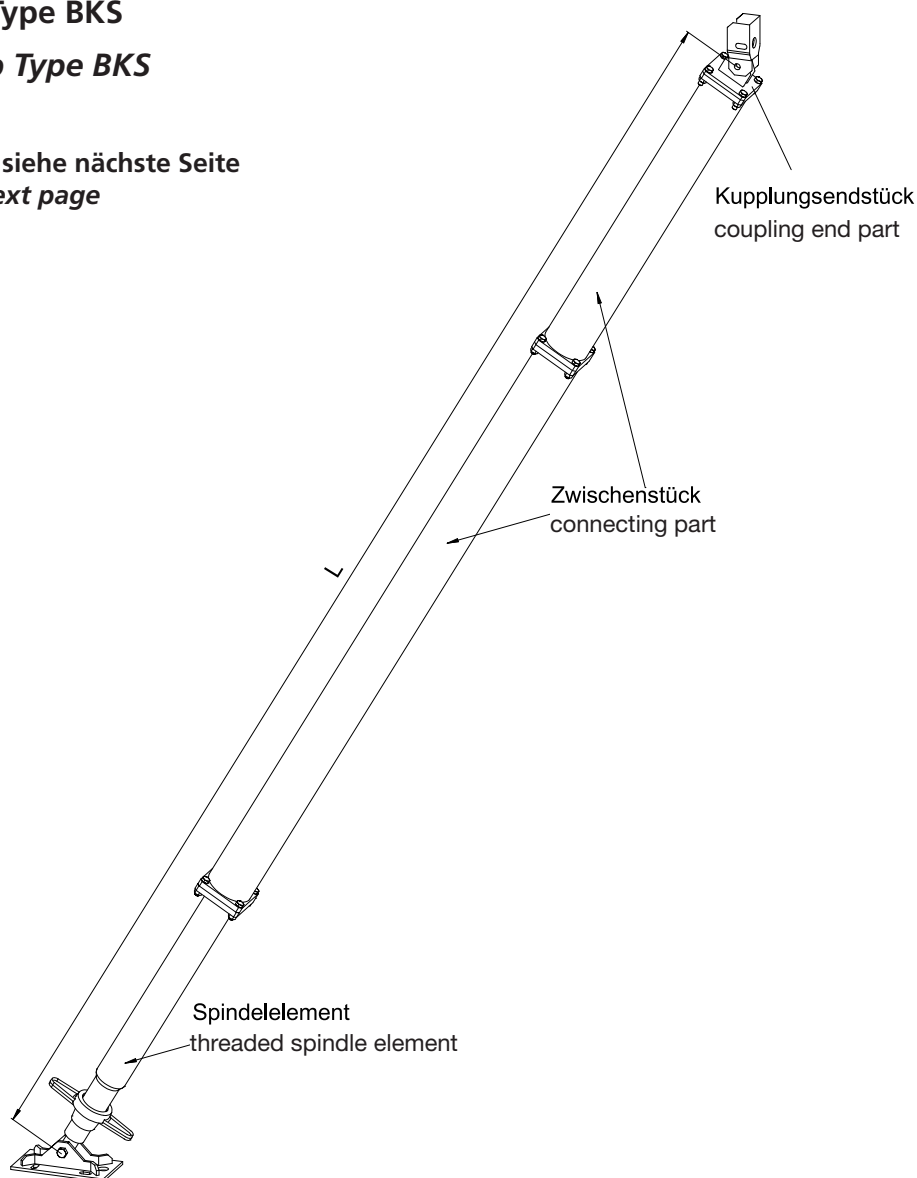


## Schrägstütze Type BKS

### Push-pull prop Type BKS

Tragkraft-Tabelle siehe nächste Seite  
 Load Table see next page



| Stützen-<br>größe | L <sup>1)</sup><br>[m] | Gewicht<br>[kg/Stck.] | Artikel-Nr. |
|-------------------|------------------------|-----------------------|-------------|
| BKS- 10           | 2,36 – 3,06            | 80,0                  | 613131      |
| BKS- 20           | 3,56 – 4,26            | 100,0                 | 613243      |
| BKS- 30           | 4,86 – 5,56            | 123,0                 | 613356      |
| BKS- 40           | 5,96 – 6,66            | 142,0                 | 613467      |
| BKS- 50           | 7,26 – 7,96            | 174,0                 | 613580      |
| BKS- 60           | 8,56 – 9,26            | 197,0                 | 613693      |
| BKS- 70           | 9,66 – 10,36           | 216,0                 | 613710      |
| BKS- 80           | 10,76 – 11,46          | 235,0                 | 613811      |
| BKS- 90           | 12,06 – 12,76          | 267,0                 | 613913      |
| BKS-100           | 13,36 – 14,06          | 290,0                 | 613014      |

Ab einer Gesamtlänge von 7,00 m erfolgt die Lieferung in 2 Teilen.

1) L = Maß von Bohrungsmitte zu Bohrungsmitte **ohne** Endgelenke

Verfeinerte Längenabstufung möglich bei Ausführung mit zweiter Spindel (Sonderlängen).

| Size of<br>prop | L <sup>1)</sup> [m] | Weight<br>[kg/unit] | Item No. |
|-----------------|---------------------|---------------------|----------|
| BKS- 10         | 2.36 – 3.06         | 80.0                | 613131   |
| BKS- 20         | 3.56 – 4.26         | 100.0               | 613243   |
| BKS- 30         | 4.86 – 5.56         | 123.0               | 613356   |
| BKS- 40         | 5.96 – 6.66         | 142.0               | 613467   |
| BKS- 50         | 7.26 – 7.96         | 174.0               | 613580   |
| BKS- 60         | 8.56 – 9.26         | 197.0               | 613693   |
| BKS- 70         | 9.66 – 10.36        | 216.0               | 613710   |
| BKS- 80         | 10.76 – 11.46       | 235.0               | 613811   |
| BKS- 90         | 12.06 – 12.76       | 267.0               | 613913   |
| BKS-100         | 13.36 – 14.06       | 290.0               | 613014   |

From the length of 7.00 m we deliver in two parts.

1) L = size from middle of boring hole to middle of boring hole **without** end hinges

More refined variations possible when using a second spindle element (special version)

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 Products may be subject to technical changes

## Tragkraft-Tabellen\*

| <b>BKS-10</b>                       |                                 | <b>BKS-20</b>                       |                                 | <b>BKS-30</b>                       |                                 | <b>BKS-40</b>                       |                                 | <b>BKS-50</b>                       |                                 |
|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|
| Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] | Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] | Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] | Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] | Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] |
| 2,45                                | <b>50,0</b>                     | 3,65                                | <b>50,0</b>                     | 4,95                                | <b>50,0</b>                     | 6,05                                | <b>50,0</b>                     | 7,35                                | <b>50,0</b>                     |
| 2,55                                | <b>50,0</b>                     | 3,75                                | <b>50,0</b>                     | 5,05                                | <b>50,0</b>                     | 6,15                                | <b>50,0</b>                     | 7,45                                | <b>46,9</b>                     |
| 2,65                                | <b>50,0</b>                     | 3,85                                | <b>50,0</b>                     | 5,15                                | <b>50,0</b>                     | 6,25                                | <b>50,0</b>                     | 7,55                                | <b>43,8</b>                     |
| 2,75                                | <b>50,0</b>                     | 3,95                                | <b>50,0</b>                     | 5,25                                | <b>50,0</b>                     | 6,35                                | <b>47,1</b>                     | 7,65                                | <b>40,7</b>                     |
| 2,85                                | <b>50,0</b>                     | 4,05                                | <b>48,8</b>                     | 5,35                                | <b>48,2</b>                     | 6,45                                | <b>43,5</b>                     | 7,75                                | <b>37,5</b>                     |
| 2,95                                | <b>50,0</b>                     | 4,15                                | <b>46,4</b>                     | 5,45                                | <b>44,6</b>                     | 6,55                                | <b>39,9</b>                     | 7,85                                | <b>34,4</b>                     |
| 3,05                                | <b>50,0</b>                     | 4,25                                | <b>43,9</b>                     | 5,55                                | <b>41,0</b>                     | 6,65                                | <b>36,2</b>                     | 7,95                                | <b>31,3</b>                     |
| 3,15                                | <b>50,0</b>                     | 4,35                                | <b>41,5</b>                     | 5,65                                | <b>37,4</b>                     | 6,75                                | <b>32,6</b>                     | 8,05                                | <b>28,2</b>                     |

| <b>BKS-60</b>                       |                                 | <b>BKS-70</b>                       |                                 | <b>BKS-80</b>                       |                                 | <b>BKS-90</b>                       |                                 | <b>BKS-100</b>                      |                                 |
|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|
| Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] | Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] | Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] | Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] | Auszugs-<br>länge <sup>2)</sup> [m] | Tragkraft <sup>3)</sup><br>[kN] |
| 8,65                                | <b>45,7</b>                     | 9,75                                | <b>39,0</b>                     | 10,85                               | <b>32,5</b>                     | 12,15                               | <b>25,1</b>                     | 13,45                               | <b>19,3</b>                     |
| 8,75                                | <b>42,1</b>                     | 9,85                                | <b>35,9</b>                     | 10,95                               | <b>30,0</b>                     | 12,25                               | <b>23,6</b>                     | 13,55                               | <b>18,3</b>                     |
| 8,85                                | <b>38,6</b>                     | 9,95                                | <b>32,9</b>                     | 11,05                               | <b>27,5</b>                     | 12,35                               | <b>22,1</b>                     | 13,65                               | <b>17,4</b>                     |
| 8,95                                | <b>35,0</b>                     | 10,05                               | <b>29,8</b>                     | 11,15                               | <b>25,0</b>                     | 12,45                               | <b>20,6</b>                     | 13,75                               | <b>16,4</b>                     |
| 9,05                                | <b>31,9</b>                     | 10,15                               | <b>27,1</b>                     | 11,25                               | <b>22,8</b>                     | 12,55                               | <b>19,0</b>                     | 13,85                               | <b>15,2</b>                     |
| 9,15                                | <b>29,2</b>                     | 10,25                               | <b>24,8</b>                     | 11,35                               | <b>20,8</b>                     | 12,65                               | <b>17,2</b>                     | 13,95                               | <b>13,9</b>                     |
| 9,25                                | <b>26,5</b>                     | 10,35                               | <b>22,4</b>                     | 11,45                               | <b>18,7</b>                     | 12,75                               | <b>15,5</b>                     | 14,05                               | <b>12,5</b>                     |
| 9,35                                | <b>23,8</b>                     | 10,45                               | <b>20,1</b>                     | 11,55                               | <b>16,7</b>                     | 12,85                               | <b>13,7</b>                     | 14,15                               | <b>11,2</b>                     |

\* Diese Belastungsangaben sind als „charakteristische Werte“ zu verstehen

## Load tables\*

| <b>BKS-10</b>                         |                                 | <b>BKS-20</b>                         |                                 | <b>BKS-30</b>                         |                                 | <b>BKS-40</b>                         |                                 | <b>BKS-50</b>                         |                                 |
|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|
| Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] | Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] | Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] | Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] | Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] |
| 2.45                                  | <b>50.0</b>                     | 3.65                                  | <b>50.0</b>                     | 4.95                                  | <b>50.0</b>                     | 6.05                                  | <b>50.0</b>                     | 7.35                                  | <b>50.0</b>                     |
| 2.55                                  | <b>50.0</b>                     | 3.75                                  | <b>50.0</b>                     | 5.05                                  | <b>50.0</b>                     | 6.15                                  | <b>50.0</b>                     | 7.45                                  | <b>46.9</b>                     |
| 2.65                                  | <b>50.0</b>                     | 3.85                                  | <b>50.0</b>                     | 5.15                                  | <b>50.0</b>                     | 6.25                                  | <b>50.0</b>                     | 7.55                                  | <b>43.8</b>                     |
| 2.75                                  | <b>50.0</b>                     | 3.95                                  | <b>50.0</b>                     | 5.25                                  | <b>50.0</b>                     | 6.35                                  | <b>47.1</b>                     | 7.65                                  | <b>40.7</b>                     |
| 2.85                                  | <b>50.0</b>                     | 4.05                                  | <b>48.8</b>                     | 5.35                                  | <b>48.2</b>                     | 6.45                                  | <b>43.5</b>                     | 7.75                                  | <b>37.5</b>                     |
| 2.95                                  | <b>50.0</b>                     | 4.15                                  | <b>46.4</b>                     | 5.45                                  | <b>44.6</b>                     | 6.55                                  | <b>39.9</b>                     | 7.85                                  | <b>34.4</b>                     |
| 3.05                                  | <b>50.0</b>                     | 4.25                                  | <b>43.9</b>                     | 5.55                                  | <b>41.0</b>                     | 6.65                                  | <b>36.2</b>                     | 7.95                                  | <b>31.3</b>                     |
| 3.15                                  | <b>50.0</b>                     | 4.35                                  | <b>41.5</b>                     | 5.65                                  | <b>37.4</b>                     | 6.75                                  | <b>32.6</b>                     | 8.05                                  | <b>28.2</b>                     |

| <b>BKS-60</b>                         |                                 | <b>BKS-70</b>                         |                                 | <b>BKS-80</b>                         |                                 | <b>BKS-90</b>                         |                                 | <b>BKS-100</b>                        |                                 |
|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|
| Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] | Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] | Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] | Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] | Extension<br>length <sup>2)</sup> [m] | Adm.<br>load <sup>3)</sup> [kN] |
| 8.65                                  | <b>45.7</b>                     | 9.75                                  | <b>39.0</b>                     | 10.85                                 | <b>32.5</b>                     | 12.15                                 | <b>25.1</b>                     | 13.45                                 | <b>19.3</b>                     |
| 8.75                                  | <b>42.1</b>                     | 9.85                                  | <b>35.9</b>                     | 10.95                                 | <b>30.0</b>                     | 12.25                                 | <b>23.6</b>                     | 13.55                                 | <b>18.3</b>                     |
| 8.85                                  | <b>38.6</b>                     | 9.95                                  | <b>32.9</b>                     | 11.05                                 | <b>27.5</b>                     | 12.35                                 | <b>22.1</b>                     | 13.65                                 | <b>17.4</b>                     |
| 8.95                                  | <b>35.0</b>                     | 10.05                                 | <b>29.8</b>                     | 11.15                                 | <b>25.0</b>                     | 12.45                                 | <b>20.6</b>                     | 13.75                                 | <b>16.4</b>                     |
| 9.05                                  | <b>31.9</b>                     | 10.15                                 | <b>27.1</b>                     | 11.25                                 | <b>22.8</b>                     | 12.55                                 | <b>19.0</b>                     | 13.85                                 | <b>15.2</b>                     |
| 9.15                                  | <b>29.2</b>                     | 10.25                                 | <b>24.8</b>                     | 11.35                                 | <b>20.8</b>                     | 12.65                                 | <b>17.2</b>                     | 13.95                                 | <b>13.9</b>                     |
| 9.25                                  | <b>26.5</b>                     | 10.35                                 | <b>22.4</b>                     | 11.45                                 | <b>18.7</b>                     | 12.75                                 | <b>15.5</b>                     | 14.05                                 | <b>12.5</b>                     |
| 9.35                                  | <b>23.8</b>                     | 10.45                                 | <b>20.1</b>                     | 11.55                                 | <b>16.7</b>                     | 12.85                                 | <b>13.7</b>                     | 14.15                                 | <b>11.2</b>                     |

\*This load is meant as "characteristic values"

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