SPACER SHAFT COUPLING

ComInTec®
Technology for Safety

- Easy to assemble
- Simplified operation and parts
- Customised spacer
- Various hub clamping solutions
- High torsional rigidity
- Excellent price/performance ratio

SPACER SHAFT COUPLINGS
MADE TO MEASURE

/DBSE
THE BEST SYSTEM FOR CONNECTING SEPARATED ROTATING SHAFTS

GTR/DBSE
Torsionally rigid spacer shaft coupling with flexible disc pack elements

- Hubs and spacer made of fully turned steel
- Stainless steel disc packs
- No torsional play
- Corrosion-proof galvanising
- Can be used at high temperatures
- Maintenance free
- Customised welded spacer to achieve high torsional rigidity
- Various hub clamping solutions

1 SIMPLIFIED INDIVIDUAL PART OPERATION
2 RAPID, EASY ASSEMBLY
3 REDUCES OVERALL COSTS

Example of a connection between jacks

<table>
<thead>
<tr>
<th>Size</th>
<th>QD (mm)</th>
<th>Max. Bore (mm)</th>
<th>Nom. Torque (Nm)</th>
<th>Max. Torque (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>78</td>
<td>32</td>
<td>60</td>
<td>120</td>
</tr>
<tr>
<td>1</td>
<td>80</td>
<td>32</td>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>2</td>
<td>92</td>
<td>38</td>
<td>150</td>
<td>300</td>
</tr>
<tr>
<td>3</td>
<td>112</td>
<td>45</td>
<td>300</td>
<td>600</td>
</tr>
<tr>
<td>4</td>
<td>136</td>
<td>52</td>
<td>700</td>
<td>1400</td>
</tr>
<tr>
<td>5</td>
<td>162</td>
<td>65</td>
<td>1100</td>
<td>2200</td>
</tr>
<tr>
<td>6-15</td>
<td>up to 456</td>
<td>up to 205</td>
<td>up to 65000</td>
<td>up to 130000</td>
</tr>
</tbody>
</table>

Solution for vertical assembly with a centrally supported spacer
GAS/SG/DBSE-AL
Elastic spacer shaft coupling with flexible elastomeric elements

- Hubs and spacer made of fully turned aluminium
- Easy to assemble
- Vibration dampening
- Electrical insulation
- Low inertia
- Flexible spacer coupling with elastomeric elements
- Various hub clamping solutions
- Customised spacer for specific DBSE

Option of a central support for long length and high speed

Example of a connection between driving units

C type clamp lock for mounting the spacer without moving any part of the system

<table>
<thead>
<tr>
<th>Size</th>
<th>OD (mm)</th>
<th>Max. Bore (mm)</th>
<th>√ Nom. Torque (Nm)</th>
<th>√ Max. Torque (Nm)</th>
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<tbody>
<tr>
<td>01</td>
<td>30</td>
<td>15</td>
<td>12.5</td>
<td>25</td>
</tr>
<tr>
<td>00</td>
<td>40</td>
<td>20</td>
<td>17</td>
<td>34</td>
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<tr>
<td>0</td>
<td>55</td>
<td>30</td>
<td>60</td>
<td>120</td>
</tr>
<tr>
<td>1</td>
<td>65</td>
<td>35</td>
<td>160</td>
<td>320</td>
</tr>
<tr>
<td>2</td>
<td>80</td>
<td>45</td>
<td>325</td>
<td>650</td>
</tr>
<tr>
<td>▲ 3-6</td>
<td>up to 135</td>
<td>up to 70</td>
<td>up to 1040</td>
<td>up to 2080</td>
</tr>
</tbody>
</table>

▲ In steel
■ Green elastic element for higher torques
**SPACER COUPLING FOR HIGH MISALIGNMENTS**

**GSF/DBSE**
Torsionally rigid spacer shaft coupling with flexible bellow element

- Hubs and spacer made of fully turned aluminium
- Stainless steel bellow
- Maintenance free
- Low inertia
- High angular misalignment recovery
- 1 or 2 piece clamp hub with or without keyway
- Customised spacer for specific DBSE with torsional rigidity
- Compatible with high temperatures

![Example of connection with actuators](image)

**Example of application with a torque limiter**

<table>
<thead>
<tr>
<th>Size</th>
<th>OD</th>
<th>Max. Bore</th>
<th>Nom. Torque</th>
<th>Max. Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>34</td>
<td>15</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>40</td>
<td>20</td>
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<td>3</td>
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<td>70</td>
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<tr>
<td>4</td>
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<td>38</td>
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<td>130</td>
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<tr>
<td>5</td>
<td>83</td>
<td>45</td>
<td>150</td>
<td>300</td>
</tr>
</tbody>
</table>

▲ In steel for higher torques

▲ On request

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