



M&S bends according to DIN 11865 are used to change the direction in hygienic piping systems for aseptic processes in plants, machines and apparatus in the pharmaceutical, cosmetic and chemical industries. They are orbital weldable and are manufactured with different, high-quality inside and outside surfaces. M&S manufactures two consistent product lines in series according to the areas of application. The **PharmCom** range (**Pharmaceutical Components**) in material 1.4435 and the **HyCom** range (**Hygienic Components**) in material 1.4404 and keeps these in stock in both hygienic classes.

Variations of bends according to DIN 11865



Fig. 1

Usage	Features	Versions
<ul style="list-style-type: none"> <li>• For changing the direction in piping systems for aseptic processes in plants, machines and apparatus with the highest demands on hygienic properties.</li> <li>• For deflection in piggable pipeline sections.</li> </ul>		

Usage	Features	Versions
<ul style="list-style-type: none"> <li>• The bends are part of the M&amp;S product lines PharmCom and HyCom. These each contain a comprehensive range of different piping components in the same material quality, the same hygiene class and orbital weldable design. <ul style="list-style-type: none"> <li>* <b>PharmCom programme range</b> <ul style="list-style-type: none"> <li>◆ Material 1.4435;</li> <li>◆ Delta ferrite content &lt; 0,5%.</li> </ul> </li> <li>* <b>HyCom programme range</b> <ul style="list-style-type: none"> <li>◆ Material 1.4404;</li> <li>◆ Delta ferrite content &lt; 3,0%.</li> </ul> </li> </ul> </li> <li>• Manufactured of pipe according to DIN 11866</li> <li>• Tolerances <ul style="list-style-type: none"> <li>* PharmCom accprdomg to DIN 11865;</li> <li>* HyCom according to DIN 11865</li> </ul> </li> </ul>		