



M&S reducers according to DIN 11865 are used as transitions between different diameters 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 reducers according to DIN 11865



| Usage | Features | Versions |
|---|----------|----------|
| <ul style="list-style-type: none"> • As a transition between different diameters in piping systems for aseptic processes in plants, machines and apparatus with the highest demands on hygienic properties. <ul style="list-style-type: none"> * Eccentric, depending on the installation position to avoid liquid residues (sump) or gas bubbles (dome) | | |

| Usage | Features | Versions |
|---|----------|----------|
| <ul style="list-style-type: none"> • The reducers are part of the M&S product lines PharmCom and HyCom. These each contain a comprehensive range of different piping components in the same material quality, the same hygienic class and orbital weldable design. <ul style="list-style-type: none"> * PharmCom programme range <ul style="list-style-type: none"> ◆ Material 1.4435; ◆ Delta ferrite content < 0,5%. * HyCom programme range <ul style="list-style-type: none"> ◆ Material 1.4404; ◆ Delta ferrite content < 3,0%. • Manufactured of bar steel according to DIN EN 10088-3 or DIN EN 10272; • Tolerances <ul style="list-style-type: none"> ◆ PharmCom according to DIN 11865 ◆ HyCom according to DIN 11865 | | |