

## Extruder bursting disc units

REMBE® offers a wide range of bursting disc units and systems for safeguarding both, extruders and moulding machines in the plastics processing industry against pressure.

In many cases plastic extruders are supplied with connection holes for pressure or measuring probes. Connection threads such as 1/2"-20 UNF, 5/8"-11 UNC, 1 1/4"-20 UNF and M18 x 1,5 have proved suitable for standardized connection holes.

The gas tight bursting membrane, welded or soldered, is located directly next to the process so that a high fitting accuracy, as well as wall-flush sealing with 100% tightness in the melting channel, is ensured. Other dimensions and thread sizes can be produced. The types illustrated on the reverse indicate some of the possibilities.

The bursting pressures are matched to the individual application. Considering pressures of more than 1.000 bar and temperatures of more than 600°C is possible.



Extruder bursting discs are manufactured with a bursting tolerance of  $\pm 10\%$ . Lower tolerances are possible on request.

For housings stainless steels such as ss 304, -303 or ss 316Ti are generally used.

The material available for the bursting discs are ss 316, nickel, monel or inconel, with inconel being recommended in particular for higher temperature applications.



Other materials like hastelloy, titanium, tantalum can also be delivered on request. Optionally signalling units are available for extruder bursting discs.

Please state the housing, the thread type, the operating and bursting pressure at coincidental temperature when ordering or enquiring extruder bursting disc units. It is sufficient to quote the serial number for subsequent orders.

REMBE®- products correspond to all relevant national and international regulations, approvals and guidelines.

You are looking for the appropriate solution for your application? Contact our experts by phone +49 2961 7405 - 0 or via e-mail (sales@rembe.de).



**Overall view of some types**

<p><b>1. Screw-unit</b></p>	<p>hex. head                      two sided head                      slot</p>
<p><b>2. Fitting-pin</b></p>	
<p><b>3. Fitting-pin with thread on outlet side</b></p>	