

Reliable and Corrosion-Resistant

Elesa+Ganter continues to expand its selection of standard parts of A4 stainless steel – now including threaded plugs, magnetic plugs and robust oil sight glasses for hydraulics in an entirely new design.

At first glance, the threaded plugs offered by Elesa+Ganter as GN 742.5 appear to follow the established level of technology – except they are made of A4 stainless steel. The plugs are available for thread from M14 to M33 and G $\frac{1}{4}$ to G1 and are intended for especially corrosive environments, such as offshore applications or situations with heavy exposure to salt or brine. The screws have an embedded seal of fluorine rubber that is secured against loss or overloading. To minimize errors, they also have icons on the front side that clearly indicate whether the opening is for filling or draining.

The magnetic plugs GN 738.5 look quite similar, except they have an integrated bar magnet that extends into the fluid to reliably capture any iron particles that could damage gears or the like.

For the same area of application, Elesa+Ganter is introducing the oil sight glasses GN 7440 as a premium addition to the longstanding variants of aluminum, brass and plastic. Compared with these types, GN 7440 offers not only the corrosion resistance of A4 stainless steel but also another special new feature: The glass sight glass is inserted into the stainless steel body using a special thermal process. During cooling, the glass shrinks to create a hermetic and absolutely tight seal. The level of pretensioning makes it almost indestructible. This allows the oil sight glass to withstand even high pressures. Burst tests have shown that, depending on the temperature, the parts only fail at pressures above 400 bar. Thanks to the FPM seal, temperatures up to 180 °C are no problem; with a copper seal, even temperatures as high as 300 °C are withstood.

Notches integrated into the chemically resistant glass give reliable indication of the current liquid level. And last, but not least, GN 7440 improves operational reliability since its sight glass will not burst spontaneously. Instead, it signals overloading with the formation of easily discernible small cracks – this allows time to replace the oil sight glass before it fails entirely. Elesa+Ganter offers the premium sight glass in standard sizes from M16 to M42 and G $\frac{3}{8}$ to G1 $\frac{1}{4}$. Other thread diameters are available on request. Naturally, the same applies to the threaded plugs GN 742.5 and GN 738.5.

More information on Elesa+Ganter standard parts can be found in the internet at: [elesa-ganter.com](https://www.elesa-ganter.com)



GN 738.5



GN 7440



GN 742.5

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