

## Extractor Tube-Torque Data Sheet

### INSTALLATION

Standard recommendation for first installation for thread extractor tubes:  $80 \pm 5$  Nm

Just for O-Ring + Washer (USO):  $65 +5$  Nm

Internal gasket: there will be no metal-on-metal after first installation

Gas tightness at the extractor tube is reachable with finger-tight installation (without tools)

### SETTING BEHAVIOUR

Main influencing factors are temperature and time or rather the resulting flow behavior of the body gasket.

Low compression set values of the elastomer material slow down the flow- or setting-behavior.

The influence of air humidity is not given.

The hardness of the gaskets (Shore-A) at DSI is usually between  $70^{\circ}$ - $90^{\circ}$ .

The flow of harder gaskets is slower.

### RE-TIGHTEN

Regular tightening of the extractor tubes with  $40 +10$  Nm is necessary to prevent unintentional loosening and leaks. Internal and external gaskets must be tightened in the same way.

### UNSCREWING

No differences between MM- und DSI-Spears with the loosening torque.

No differences in loose torque for internal and external gaskets after multiple tightening.

Loose torques are always lower than the installation torque.

Engineering

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