

## ITH Supporting document bolt connection

ITH would like to offer you the best possible support to find the right bolting tool or to design bolt connections. Therefore please fill out this form by clicking on the fields (if the data is available) and send it back to ITH via e-mail. Contact us with any questions regarding your bolting application – we offer a free-of-charge technical consultation and on site inspection.

### 1. Address

Company _____	Name of contact person _____
Street address _____	Telephone number _____
Postcode, City, Country _____	E-Mail address _____

### 2. Technical data

A. General data	
Application area bolt tensioning cylinder	
Possible particular specification (operating conditions, temperature, assembling from the bottom etc.)	
Quantity of the required bolt tensioning cylinders (Multi-Tensioning)	

B. Bolt	
Nominal diameter x pitch	d x P [mm]
Bolt length (total)	l <sub>1</sub> [mm]
Thread projection above nut	h <sub>2</sub> [mm]
A/F height	h <sub>8</sub> [mm]
Shaft diameter	d <sub>s</sub> [mm]
Bolt material	

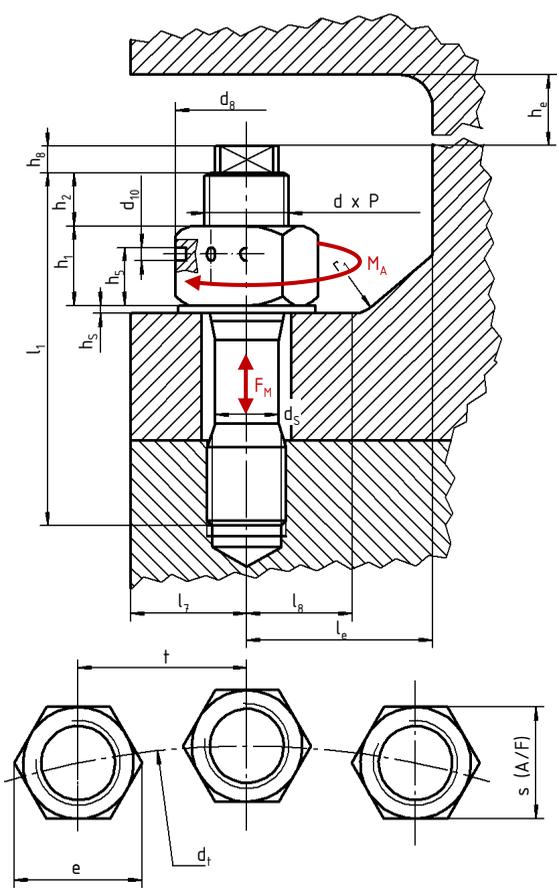
C. Nut	
Across corners dimension	e [mm]
Width across flats	s [mm]
Nut diameter	d <sub>8</sub> [mm]
Nut height (total)	h <sub>1</sub> [mm]
Adjusting hole height	h <sub>5</sub> [mm]
Adjusting hole diameter	d <sub>10</sub> [mm]
Quantity of bores	m

D. Washer	
Outside diameter washer	d <sub>6</sub> [mm]
Inside diameter washer	d <sub>7</sub> [mm]
Washer thickness	h <sub>s</sub> [mm]

E. Application characteristics	
Free installation space axial direction	h <sub>a</sub> [mm]
Flange radius	r <sub>1</sub> [mm]
Length bolt center to flange outer edge	l <sub>7</sub> [mm]
Length bolt center to flange radius	l <sub>8</sub> [mm]
installation situation radial	l <sub>6</sub> [mm]
Pitch diameter	d <sub>t</sub> [mm]
Quantity of bolts	n [mm]
Bolt spacing	t [mm]
Assembly preload per bolt	F <sub>M</sub> [kN]
Tightening torque per bolt	M <sub>A</sub> [Nm]
Max. surface pressure of flange material	p <sub>zul.</sub> [kN]
Other data on thread (e.g. standards + tolerance class)	
Additional information on the coating	



3. form | form by e-mail to ITH