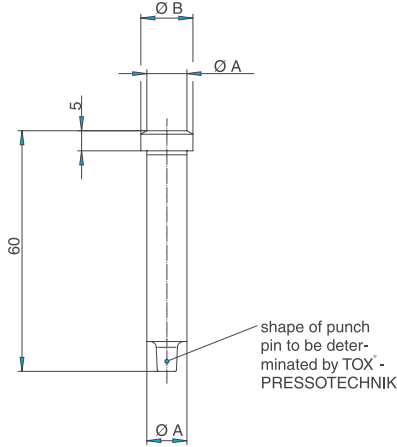


# TOX® Flanged Tools

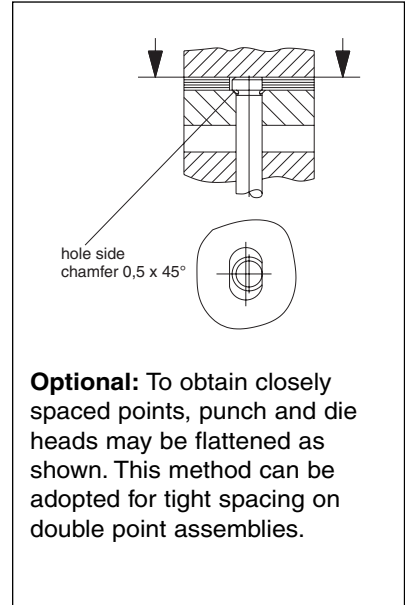
## Punch



Order number Part 1 = design	Location hole + 0.018 + 0 A			Press force kN per point accor- ding TOX® test report
		B	for TOX® point Ø mm	
TOX® 10.25	10	13	3-12	< 70
TOX® 14.25	14	17	6-12	> 70

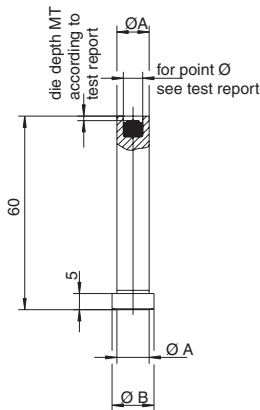
Dimensions in mm

**Special lengths** of 30, 40, 50, 80 and 100 mm are available for the punch and die.



**Optional:** To obtain closely spaced points, punch and die heads may be flattened as shown. This method can be adopted for tight spacing on double point assemblies.

## Round joint die (solid die cavity)



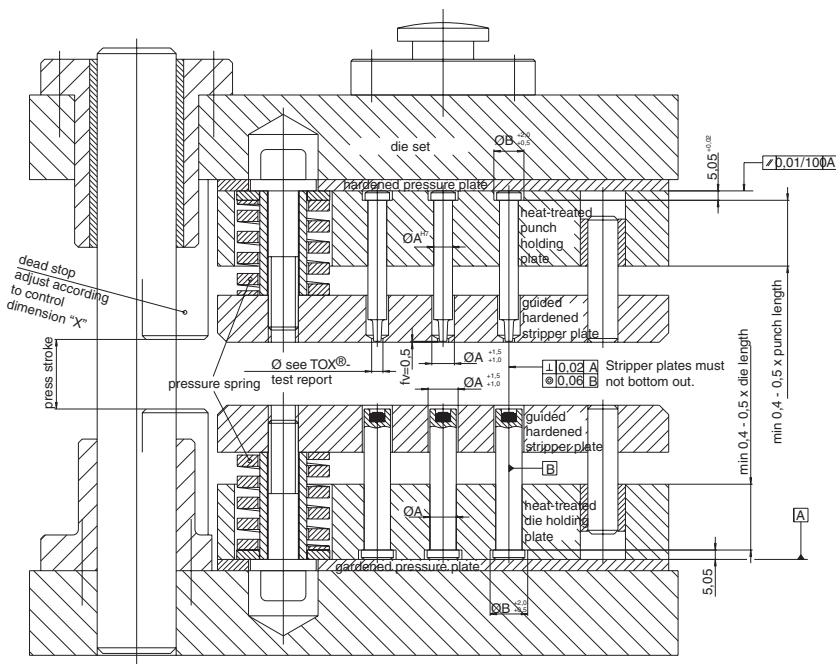
Order number Part 1 = design	Location hole + 0.018 + 0 A			for TOX® point Ø mm
		B		
TOX® 10.25	10	13	3, 4, 5, (6)*	
TOX® 14.25	14	17	6, 8	
TOX® 16.25	16	19	10	
TOX® 20.25	20	23	12	

Dimensions in mm

\* only after consulting TOX® PRESSOTECHNIK.

Die with insert features an integrated oil drainage system.

## Type of installation for column-mounted die-set tool



fv = 0.5 = recessed punch tip (see page 13).

**Attention:** observe installation guidelines and TOX® test report (see page 19 ff)