

Requirement specification for external clamping set (AS)

Company/contact person:			
Contact details:	Phone:	Email:	
Area of application/specific application:			
Temperature range:			
Required material for the external clamping set:			
Coating:			
Design:	A	AB	C BC

Technical requirement specification

Nominal torque	$Mt_{\text{nominal}} =$		kNm
Safety	$S =$		
max. torque	$Mt_{\text{max}} =$		kNm
max. axial force	$P_{\text{ax}} =$		kN
Continuous bending moment	$Mb_{\text{duration}} =$		kNm
max. bending moment	$Mb_{\text{max}} =$		kNm
Shear force	$F_q =$		kN
Speed	$n =$		min ⁻¹
Outer shaft diameter	$\varnothing d_w =$		mm
Inner shaft diameter	$\varnothing d_i =$		mm
Shaft material incl. yield strength	$R_e \geq$		N/mm ²
Fit between clamping set and shaft			
max. clamping length of the clamping set	$L \leq$		mm
max. width of the clamping set	$H_1 \leq$		mm
max. outer diameter of the clamping set	$\varnothing D \leq$		mm
Pitch circle diameter	$\varnothing A =$		mm
Screw size			
Number of screws	$z =$		
Disc thickness	$X =$		mm
Is there a feather key groove in the shaft?			

Please briefly describe your application: