



- material: rod DIN EN 10278 - 10,3h9 EN10277-2 - C45 (1.0503 acc. EN10083-2)
crack depth max. 0,15; base size $\varnothing 10,3 h9$
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- material percentage contact area $M_r = 50 - 70\%$
- measured at cutting depth $c = 0,5 * R_z$ and reference line $c_{ref.} = 0\%$
- surface protection:
- salt bath nitriding (thickness 15 μm minimum)
- finishing
- corrosion resistance:
- minimum 144hrs salt spray test (NSS-test) according DIN EN ISO 9227
- validation according DIN EN ISO 10289 degree of protection $R_p = 10$
- accuracy class of screw thread after nitriding: acceptable up to 6h
- horizontal displacement/ concentricity (dimension x): see table Nr.1

table Nr.1

length of piston rod L	dimension x
up to 150	0,1
over 150 up to 200	0,15
over 200 up to 250	0,2
over 250 up to 300	0,25
over 300	0,3

table Nr.2

current lengths of piston rod L	75 - 530
favoured lengths of piston rod L	70 - 550

Vers./Issue		Modification Text		surface acc.		tolerance acc.		material		standard		Raw Material		Standard		Material-No.	
				EN ISO 1302		DIN ISO 2768 m		SEE TEXT INDICATION									
Vers./Issue		Mod.-Nr.		Date		Name		weight		0,059 KG		created by:		RILK		Date: 28.01.2015	
								Description								Project:	
																PISTON ROD GB10X243,5	
																Material-No.	
																673587	
																Class.-No.	
																Scale 2:1	
																Sh.-No.2	
																No.of Sh.2	
																Format A3	
Origin								Repl. for								Repl. by	