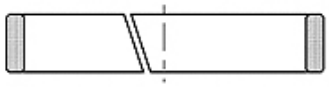
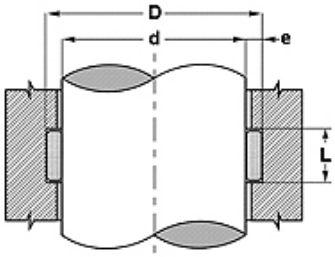
I-GTP1 A
Rod guide I-GTP1

Properties

Design	Guide ring
Sliding speed max.	1,0 m/s
Pressure resistance as DIN 53454 (N/mm2)	340 N/mm2
Surface pressure	50 N/mm2
Temp. min.	-40 °C
Temp. max.	130 °C
Media	Mineral oils Water emulsions
Installation	insert into the groove



Toleranz / Tolerance		
d	D	L
f7	H9	+0,20 0



Note

Calculation of shear force; F= p x D x L x n
F= maximum shear force (N)
p = maximum surface pressure (N/mm2)
D x L= projected area (mm2)
n= quantity of rings

Description

Easy working of the fitting groove and assembly.
High load-bearing capacity.
Low coefficient of friction (PTFE).
No water absorption.
Long service life.

Item

Identification	D (mm)	d (mm)	L (mm)	Standard grooves
IGTP1 250 630 220 A	27	22	6,3	-
IGTP1 250 560 250 A	30	25	5,6	ISO 10766
IGTP1 250 630 250 A	30	25	6,3	-
IGTP1 250 970 250 A	30	25	9,7	-
IGTP1 250 560 280 A	33	28	5,6	ISO 10766
IGTP1 250 630 280 A	33	28	6,3	-
IGTP1 250 560 300 A	35	30	5,6	-
IGTP1 250 970 300 A	35	30	9,7	-
IGTP1 250 560 320 A	37	32	5,6	ISO 10766
IGTP1 250 630 320 A	37	32	6,3	-
IGTP1 250 970 320 A	37	32	9,7	ISO 10766
IGTP1 250 560 350 A	40	35	5,6	-
IGTP1 250 560 360 A	41	36	5,6	ISO 10766
IGTP1 250 630 360 A	41	36	6,3	-
IGTP1 250 970 360 A	41	36	9,7	ISO 10766
IGTP1 251 500 360 A	41	36	15,0	-
IGTP1 250 560 400 A	45	40	5,6	ISO 10766
IGTP1 250 970 400 A	45	40	9,7	ISO 10766
IGTP1 250 560 450 A	50	45	5,6	ISO 10766
IGTP1 250 970 450 A	50	45	9,7	ISO 10766
IGTP1 252 000 450 A	50	45	20,0	-
IGTP1 252 500 450 A	50	45	25,0	-
IGTP1 250 560 500 A	55	50	5,6	ISO 10766
IGTP1 250 970 500 A	55	50	9,7	ISO 10766
IGTP1 251 500 500 A	55	50	15,0	-
IGTP1 252 000 500 A	55	50	20,0	-
IGTP1 250 560 550 A	60	55	5,6	ISO 10766
IGTP1 250 970 550 A	60	55	9,7	-
IGTP1 251 500 550 A	60	55	15,0	-
IGTP1 250 560 560 A	61	56	5,6	ISO 10766
IGTP1 250 970 560 A	61	56	9,7	ISO 10766
IGTP1 251 500 560 A	61	56	15,0	-
IGTP1 250 560 600 A	65	60	5,6	-
IGTP1 250 970 600 A	65	60	9,7	-

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Item

Identification	D (mm)	d (mm)	L (mm)	Standard grooves
IGTP1 251 500 600 A	65	60	15,0	-
IGTP1 250 970 630 A	68	63	9,7	ISO 10766
IGTP1 250 560 650 A	70	65	5,6	-
IGTP1 250 970 650 A	70	65	9,7	-
IGTP1 252 000 650 A	70	65	20,0	-
IGTP1 250 560 700 A	75	70	5,6	ISO 10766
IGTP1 250 970 700 A	75	70	9,7	ISO 10766
IGTP1 251 500 700 A	75	70	15,0	-
IGTP1 252 000 700 A	75	70	20,0	-
IGTP1 200 810 750 A	80	75	8,1	-
IGTP1 250 560 750 A	80	75	5,6	-
IGTP1 250 630 750 A	80	75	6,3	-
IGTP1 250 970 750 A	80	75	9,7	-
IGTP1 252 000 750 A	80	75	20,0	-
IGTP1 250 560 800 A	85	80	5,6	-
IGTP1 250 970 800 A	85	80	9,7	ISO 10766
IGTP1 251 500 800 A	85	80	15,0	ISO 10766
IGTP1 252 500 800 A	85	80	25,0	-
IGTP1 250 560 850 A	90	85	5,6	-
IGTP1 250 970 850 A	90	85	9,7	-
IGTP1 251 500 850 A	90	85	15,0	-
IGTP1 250 970 900 A	95	90	9,7	ISO 10766
IGTP1 251 500 900 A	95	90	15,0	ISO 10766
IGTP1 252 500 900 A	95	90	25,0	-
IGTP1 250 970 950 A	100	95	9,7	-
IGTP1 251 500 950 A	100	95	15,0	-
IGTP1 252 000 950 A	100	95	20,0	-
IGTP1 252 500 950 A	100	95	25,0	-
IGTP1 250 971 000 A	105	100	9,7	ISO 10766
IGTP1 251 501 000 A	105	100	15,0	ISO 10766
IGTP1 252 001 000 A	105	100	20,0	-
IGTP1 252 501 000 A	105	100	25,0	-
IGTP1 250 971 100 A	115	110	9,7	ISO 10766
IGTP1 251 501 100 A	115	110	15,0	ISO 10766
IGTP1 252 501 100 A	115	110	25,0	-

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