

Capto shank

Type TRS – centrepoint 60°

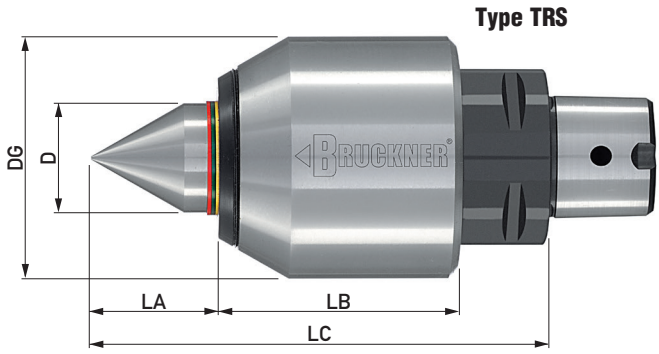
Type TRV – centrepoint 60°/40° extended

Type TRE – centre spindle with 1:7.5 internal taper for interchangeable inserts

Runout

max. 0.005 mm, with test report

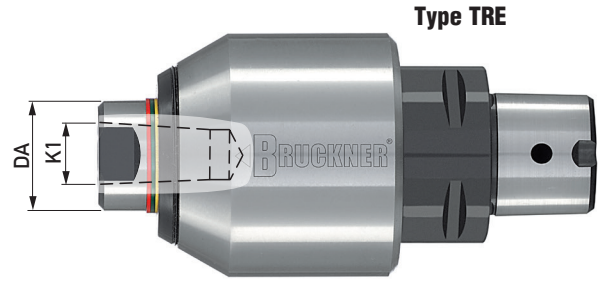
max. 0.003 mm, high precision design on request



Type TRS



Type TRV



Type TRE

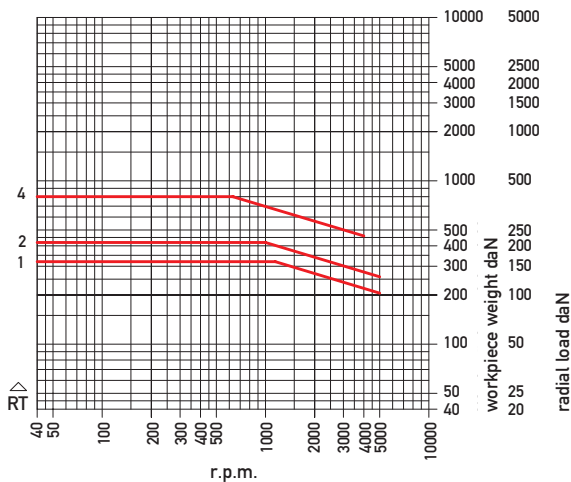
Type	TRS	TRV	TRE	TRS	TRE	TRS	TRE
ID.No.	700S 055C04	700V 055C04	700E 055C04	700S 068C05	700E 068C05	700S 068C06	700E 068C06
Shaft size Capto	C4	C4	C4	C5	C5	C6	C6
DG	55	55	55	68	68	68	68
DA	-	25	25	-	35	-	35
D	25	12	-	35	-	35	-
K1	-	-	15	-	22	-	22
LA	28	37	13	40	21	40	21
LB	54	54	54	74	74	76	76
LC	103	112	87	134	116	138	120
Workpiece weight max. daN*	420	320	**	800	**	800	**
Spring travel	2.7	2.7	2.7	4.2	4.2	4.2	4.2
r.p.m. max.*	5000	5000	5000	4000	4000	4000	4000
Radial/axial load graph	RT2/AT1	RT1/AT1	**	RT4/AT2	**	RT4/AT2	**
Suitable inserts	-	-	484..	-	487..	-	487..

**The radial load of type TRE is limited by the interchangeable inserts

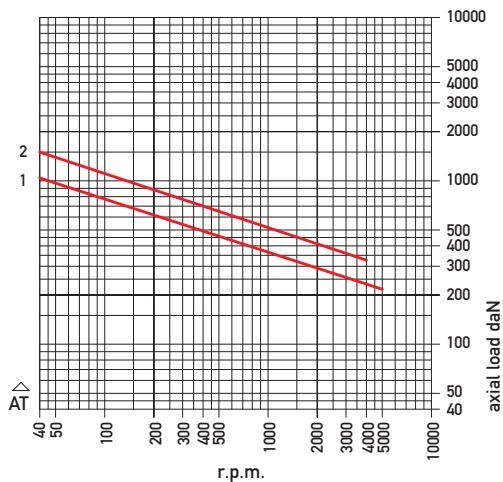
*observe the load graphs

Radial and axial loads for a bearing life of 2000 operating hours

Radial – Types TRS/TRV Capto



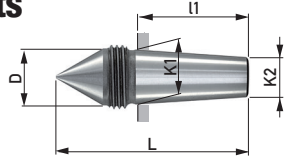
Axial – Types TRS/TRV Capto



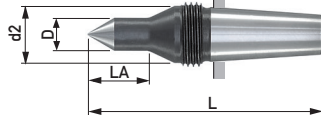
Interchangeable inserts

taper 1:7.5, in gauge accuracy

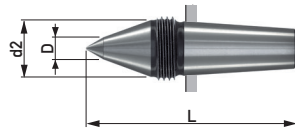
Form A0, 60°
with draw-off nut



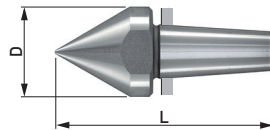
Form ASL, 60°
slim, extended
with draw-off nut



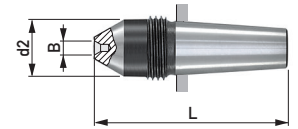
Form AKOP, 60°/40°
extended
with draw-off nut



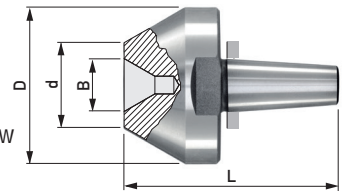
Form A, 60°
for hollow parts
spanner flat (SW)



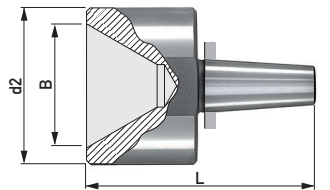
Form B, centre 60°
for centreless workpieces,
with draw-off nut



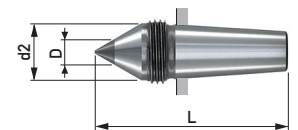
Form C, centre 60°
for centreless workpieces,
external angle 60° for hollow
parts, spanner flat (SW)



Form D, centre 60°
for centreless workpieces,
spanner flat (SW)



Form AOHM, 60°
with carbide insert
with draw-off nut



Basic centre Types: LDE, TRE	Interchangeable inserts	Workpiece weight max. daN	Insert dimensions						Thread SW	Taper dimensions taper 1:7.5		
			D	d2	B	d	L	LA		K1	K2	I1
710E 045002	482A0	90	11.7				45		M14x1.5	11	8	23
	482ASL	30	6	11.7			55	15	M14x1.5			
	482AKOP	90	5	11.7			50		M14x1.5			
	482A	90	17				45		SW14			
	482B	90		11.7	4x2		45		M14x1.5			
	482C	90	28		8x3	12	45		SW24			
	482D	90		28	20x6		45		SW24			
	482AOHM	60	7	11.7			45		M14x1.5			
710E 055003	484A0	160	15.7			53		M18x1.5	15	11	30	
700E 055VDI30 700E 055C04 700E 055HSK-C40 (-R) 700E 055HSK-C50 (-R) 700E 055Zyl25.4 700E 055Zyl25 700E 055Zyl32	484ASL	100	9	15.7			65	17				M18x1.5
	484AKOP	160	6	15.7			58					M18x1.5
	484A	160	25				60					SW22
	484B	110		15.7	4x2		53					M18x1.5
	484C	160	44		15x5	24	60					SW41
	484D	160		44	35x12		64					SW41
	484AOHM	60	7	15.7			53					M18x1.5
	710E 068004	487A0	300	21.6			74					M24x1.5
700E 068VDI40 700E 068C05 700E 068C06 700E 068Zyl32 700E 068Zyl40	487ASL	100	9	21.6			86	17	M24x1.5			
	487AKOP	300	8	21.6			80		M24x1.5			
	487A	300	32				82		SW27			
	487B	240		21.6	5x2,5		74		M24x1.5			
	487C	300	55		20x6	30	82		SW50			
	487D	300		55	45x15		85		SW50			
	487AOHM	200	11	21.6			74		M24x1.5			
	710E 092005	485A0	500	27.7			93		M30x1.5	28	21	52.5
700E 092005	485ASL	180	13	27.7			110	27	M30x1.5			
	485AKOP	500	8	27.7			105		M30x1.5			
	485A	500	45				105		SW41			
	485B	500		27.7	7x3		93		M30x1.5			
	485C	500	65		25x6	35	105		SW55			
	485D	500		65	55x20		105		SW55			
	485AOHM	500	18	27.7			93		M30x1.5			

ID.No.	Content
P 10	100 g

Installation paste

Makes insert change easier.
Apply thinly and evenly to the insert taper.