

VDI shank

Type TRS – centrepunch 60°

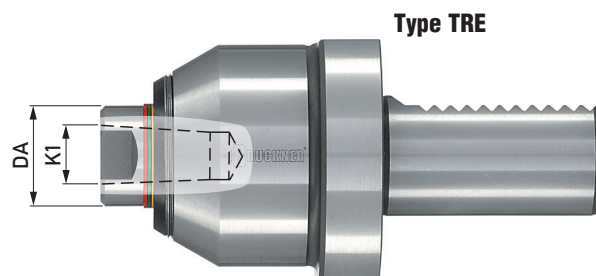
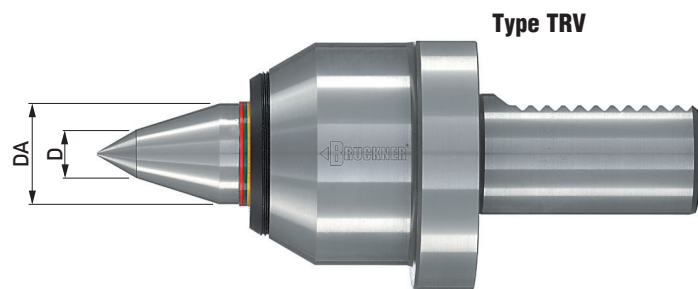
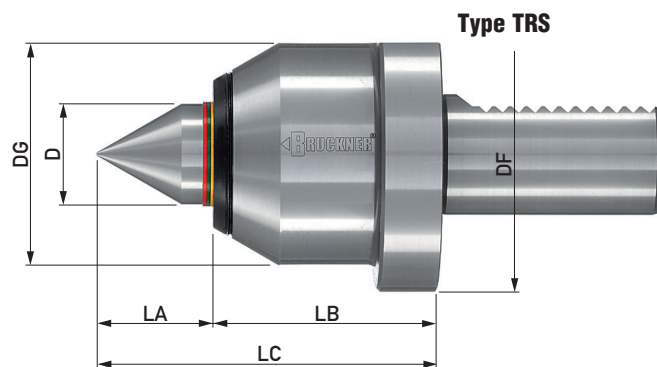
Type TRV – centrepunch 60°/40° extended

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



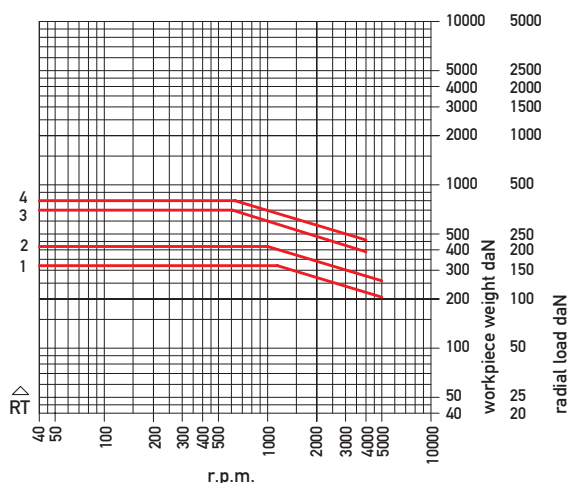
Type	TRS	TRV	TRE	TRS	TRV	TRE
ID. No.	700S 055VDI30	700V 055VDI30	700E 055VDI30	700S 068VDI40	700V 068VDI40	700E 068VDI40
Shaft size VDI	30	30	30	40	40	40
DG	55	55	55	68	68	68
DA	-	25	25	-	35	35
D	25	12	-	35	14	-
DF	68	68	68	83	83	83
K1	-	-	15	-	-	22
LA	28	37	13	40	49	21
LB	56	56	56	68	68	68
LC	84	93	69	108	117	89
Workpiece weight max. daN*	420	320	**	800	700	**
Spring travel	2.7	2.7	2.7	4.2	4.2	4.2
r.p.m. max.*	5000	5000	5000	4000	4000	4000
Radial/axial load graph	RT2/AT1	RT1/AT1	**	RT4/AT2	RT3/AT2	**
Suitable inserts	-	-	484..	-	-	487..

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

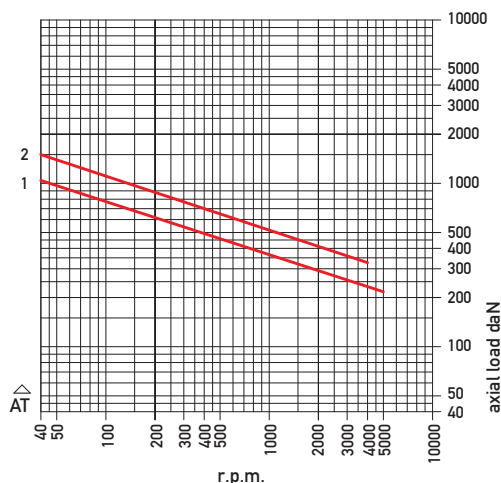
*observe the load graphs

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

Radial – Types TRS/TRV VDI



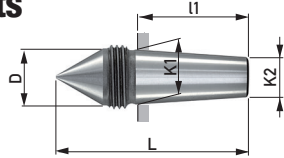
Axial – Types TRS/TRV VDI



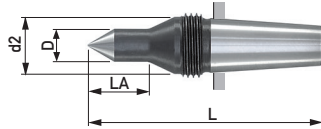
Interchangeable inserts

taper 1:7.5, in gauge accuracy

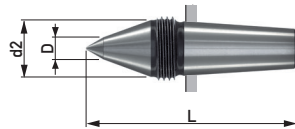
Form A0, 60°
with draw-off nut



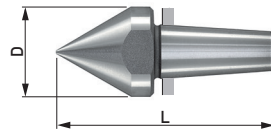
Form ASL, 60°
slim, extended
with draw-off nut



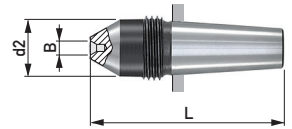
Form AKOP, 60°/40°
extended
with draw-off nut



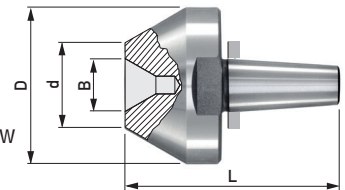
Form A, 60°
for hollow parts
spanner flat (SW)



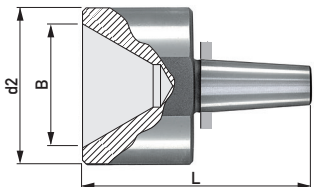
Form B, centre 60°
for centreless workpieces,
with draw-off nut



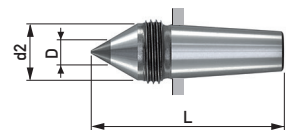
Form C, centre 60°
for centreless workpieces,
external angle 60° for hollow
parts, spanner flat (SW)



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		
ID.No.	ID.No.		D	d2	B	d	L	LA		taper 1:7.5		
										K1	K2	I1
710E 045002	482AO	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	484AO	160	15.7				53		M18x1.5	15	11	30
700E 055VDI30	484ASL	100	9	15.7			65	17	M18x1.5			
700E 055C04	484AKOP	160	6	15.7			58		M18x1.5			
700E 055HSK-C40 (-R)	484A	160	25				60		SW22			
700E 055HSK-C50 (-R)	484B	110		15.7	4x2		53		M18x1.5			
700E 055Zyl25.4	484C	160	44		15x5	24	60		SW41			
700E 055Zyl25	484D	160		44	35x12		64		SW41			
700E 055Zyl32	484AOHM	60	7	15.7			53		M18x1.5			
710E 068004	487AO	300	21.6				74		M24x1.5	22	16.4	42
	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	485AO	500	27.7				93		M30x1.5	28	21	52.5
	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.