

Types SE, SEG

Centre spindle with 1:7.5 internal taper for interchangeable inserts

Runout

Type SE max. 0.005 mm
Type SEG max. 0.003 mm

with test report

Application

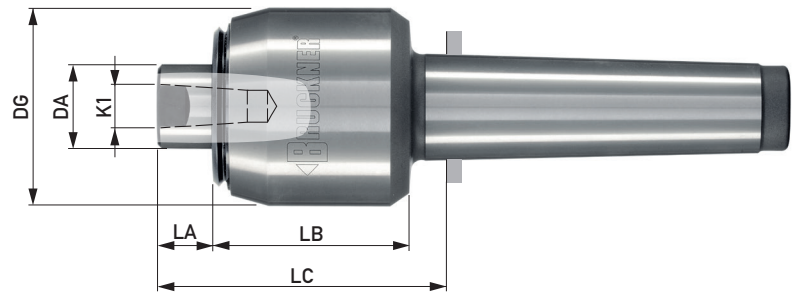
For one off, small and large series production, measuring.

Advantages

As the centre spindle wears only the insert has to be changed and once again the high performance centre is ready for use. Flexibility in application is made possible by a choice of eight different insert styles.

Depending on the style the insert can be removed by its draw-off thread and draw-off nut or with spanners applied to the spanner flats.

For cylindrical grinding operations we recommend the use of our **supplementary seal**

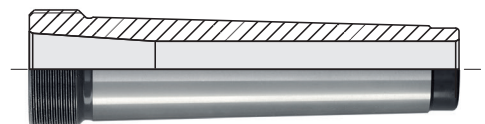


Type SE	ID.No.	5482	5483	5486	5484	5487	5485
Type SEG	ID.No.	5482G	5483G	5486G	5484G	5487G	5485G
Morse taper		2	3	3	4	4	5
DA		20	20	25	25	35	45
DG		45	45	58	58	76	95
K1		11	11	15	15	22	28
LA		14	14	17	17	18	21
LB		52	52	58	58	68	89
LC		71	72	81	83	95	121
SW (spanner flat)		16	16	22	22	30	41
r.p.m. max.		5500	5500	5000	5000	4000	3500
Suitable insert		482..	482..	484..	484..	487..	485..
Supplementary seal	ID.No.	V20	V20	V25	V25	V35	V45
Load	The load of types SE, SEG is limited by the interchangeable inserts						



Adapter sleeve type KE

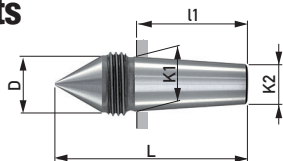
For regrinding interchangeable inserts. Combined with the interchangeable inserts, can be used as a dead centre in head- and tailstocks for special operations.



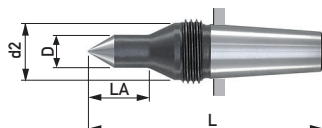
Interchangeable inserts

taper 1:7.5, in gauge accuracy

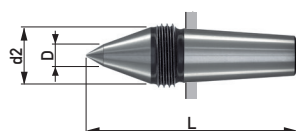
Form A0, 60°
with draw-off nut



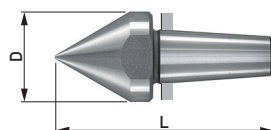
Form ASL, 60°
slim, extended
with draw-off nut



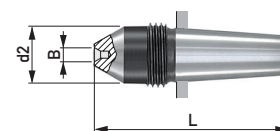
Form AKOP, 60°/40°
extended
with draw-off nut



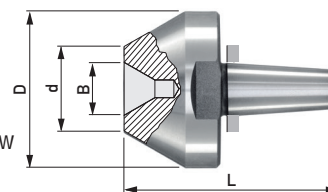
Form A, 60°
for hollow parts
spanner flat (SW)



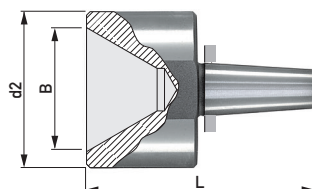
Form B, centre 60°
for centreless workpieces,
with draw-off nut



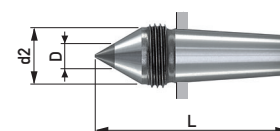
Form C, centre 60°
for centreless workpieces,
external angle 60° for hollow
parts, spanner flat (SW)



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



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



Basic centre Types: SE, SEG, ASE KE (page 78)	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
5482 5482G 5483 5483G 2952A	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			
5484 5484G 5486 5486G 5484A 5486A 2953A	484A0	160	15.7				53		M18x1.5	15	11	30
	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			
5487 5487G 5487A 2954A	487A0	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			
5485 5485G 5485A 2955A	485A0	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.