



WALTER



Rollomatic



ANCA

“The best value in wheel adapters you’ll find”

Our high precision German wheel adapters from GDS meet or exceed all OEM specs. And because our markup is small, you get a great deal! Check out these examples:

**Maximize spindle life...
and tool quality**

Our grinding wheel adapters offer you:

- Peerless taper accuracy by using constantly controlled and calibrated measuring equipment. HSK mating surfaces machined to within 10 microns
- Absolute accuracy of fit and optimum radial and axial run-out. HSK adapters balanced to G1.6 @ 10,000 RPM
- Extreme load-bearing capacity, thanks to our use of tempered material and the best heat treating processes (vacuum hardened to 54 Rc)
- Optimum surface quality and long-term dimensional stability and precision, as well as spindle protection, thanks to our finishing processes

We offer adapters for all major brands, to include adapters for dressing, presetting, and balancing. And we maintain a large stock!

WALTER wheel adapters with full ring sets			
Description	Application	Nose Length	Price
NCT63	Power/Mini Power	60 mm	\$327
		100 mm	\$400
HSK 50	Vision/Power Wheel Changer	40 mm	\$459
		60 mm	\$484
		100 mm	\$572
ANCA wheel adapters with full ring sets			
Big Plus	TX7	95 mm	\$879
HSK 50F	MX5/7	55 mm	\$393
		72 mm	\$428
Rollomatic wheel adapters with full ring sets			
Perfect Arbor	529XS etc	85 mm straight	\$636
	NP5 etc	11 mm	\$474

Call: +1 (540) 940-5977
Email: info@toolroom.solutions
Web: www.toolroom.solutions

Order now!



Grinding wheel adapters

and
Accessories



good better BLUE

20 YEARS
since 1998 GDS



Grinding wheel adapter and accessories

Precision grinding requires an optimal spindle and a flawless grinding wheel, both of which depend on a perfect grinding wheel adapter.

"Our quality for your success"

We adapt to your requirements and guarantee our quality.

GDS - the precision makers



Our grinding wheel adapters are characterised by the following:



Maximum taper accuracy by using constantly controlled and calibrated measuring equipment.



Absolute accuracy of fit and optimum radial and axial run-out.



Extreme load-bearing capacity due to the use of tempered material and the best heat treating processes.



Optimum surface quality and associated long-term dimensional stability and precision, as well as spindle protection as a result of finished surfaces.

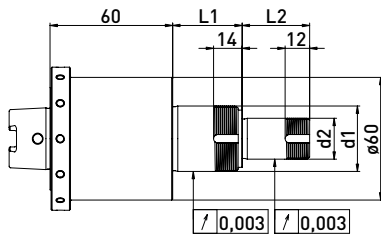
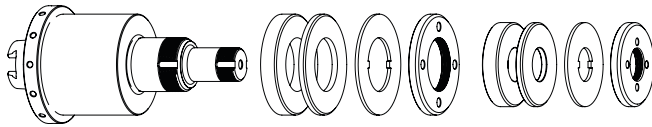


Balanced models for improved grinding results and spindle life.

Walter HSK40 // stepped Shaft $\varnothing 20, \varnothing 32$ // RS $\varnothing 50$ and $\varnothing 60$ mm

For Walter tool grinding machines with ring set $\varnothing 50$ and $\varnothing 60$ mm

GWA HSK40 // stepped $\varnothing 20 \varnothing 32$ mm // RS $\varnothing 50 \varnothing 60$ mm



Delivered equipped:

Ring set $\varnothing 50$ and $\varnothing 60$ mm, lock washer and clamping nut

Order No.	HSK	d1	d2	L1	L2	Ring set $\varnothing 50$ mm		Ring set $\varnothing 60$ mm	
						B 20	B 4	B 10	B 4
300103012	HSK40	32	20	34	33	1	2	1	2

Accessories Walter grinding wheel adapter HSK40 // stepped Shaft $\varnothing 20, \varnothing 30$ // RS $\varnothing 50$ and $\varnothing 60$ mm

Accessories $\varnothing 50$ mm

Order No.	Name	
350011020	Spacer ring $\varnothing 50 \times \varnothing 20 \times 20$	
350011010	Spacer ring $\varnothing 50 \times \varnothing 20 \times 10$	
350011004	Spacer ring $\varnothing 50 \times \varnothing 20 \times 4$	
350030010	Lock washer $\varnothing 50 \times \varnothing 20 \times 2$	
350020060	Clamping nut $\varnothing 50 \times 6 \times M20 \times 1$ PC27	
350020020	*Clamping nut with balancing option $\varnothing 50 \times 8,5 M20 \times 1,0$ PC27	
350020021	*Balancing weight pair for clamping nut $\varnothing 50$ // 100gmm	
350040010	Clamping nut wrench PC27 for $\varnothing 20$	
350040011	Clamping nut wrench PC27 for $\varnothing 20$	

Accessories $\varnothing 60$ mm

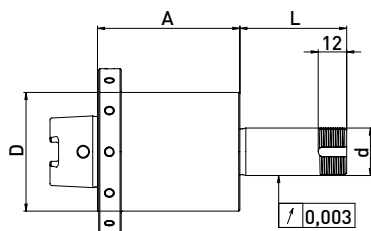
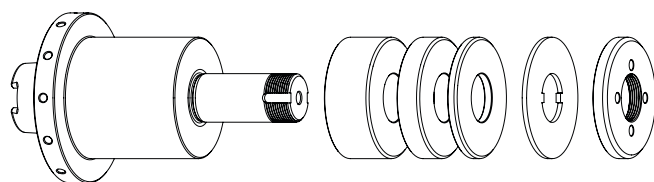
Order No.	Name	
350011320	Spacer ring $\varnothing 60 \times \varnothing 32 \times 20$	
350011310	Spacer ring $\varnothing 60 \times \varnothing 32 \times 10$	
350011304	Spacer ring $\varnothing 60 \times \varnothing 32 \times 4$	
350030060	Lock washer $\varnothing 60 \times \varnothing 32 \times 1,8$	
350020065	Clamping nut $\varnothing 60 \times 6 \times M32 \times 1$	
350040020	Clamping nut wrench PC45 for $\varnothing 32$	

*related items

Walter HSK40 // Shaft $\varnothing 20$ / Shaft $\varnothing 32$ mm // RS $\varnothing 50$ and $\varnothing 60$ mm

For Walter tool grinding machines with ring set $\varnothing 50$ and $\varnothing 60$ mm

GWA HSK40 // $\varnothing 20$ / $\varnothing 32$ mm // RS $\varnothing 50$ / $\varnothing 60$ mm



Delivered equipped:

Ring set $\varnothing 50$ mm or ring set $\varnothing 60$, lock washer and clamping nut

Order No.	HSK	d	D	A	L	Ring set $\varnothing 50$ mm			Ring set $\varnothing 60$ mm		
						B 20	B 10	B 4	B 20	B 10	B 4
300103112	HSK40	20	50	60	45	-	2	3	-	-	-
300103122	HSK40	20	50	80	52	1	1	3	-	-	-
300103132	HSK40	32	60	60	42	-	-	-	-	2	3
300103142	HSK40	31,75	60	60	45	-	-	-	-	1	1

Accessories Walter grinding wheel adapter HSK40 // Shaft $\varnothing 20$ and $\varnothing 32$ // RS $\varnothing 50$ and $\varnothing 60$ mm

Accessories $\varnothing 50$ mm

Order No.	Name	
350011020	Spacer ring $\varnothing 50 \times \varnothing 20 \times 20$	
350011010	Spacer ring $\varnothing 50 \times \varnothing 20 \times 10$	
350011004	Spacer ring $\varnothing 50 \times \varnothing 20 \times 4$	
350030010	Lock washer $\varnothing 50 \times \varnothing 20 \times 2$	
350020060	Clamping nut $\varnothing 50 \times 6 \times M20 \times 1$ PC27	
350020020	*Clamping nut with balancing option $\varnothing 50 \times 8,5$ M20 x 1,0 PC27	
350020021	*Balancing weight pair for clamping nut $\varnothing 50$ // 100gmm	
350040010	Clamping nut wrench PC27 for $\varnothing 20$	
350040011	Clamping nut wrench PC27 for $\varnothing 20$	

Accessories $\varnothing 60$ mm

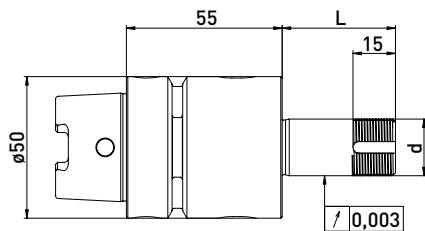
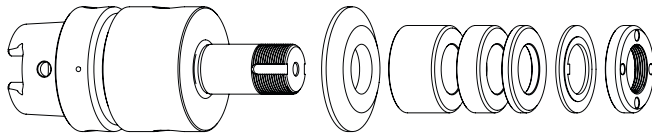
Order No.	Name	
350011320	Spacer ring $\varnothing 60 \times \varnothing 32 \times 20$	
350011310	Spacer ring $\varnothing 60 \times \varnothing 32 \times 10$	
350011304	Spacer ring $\varnothing 60 \times \varnothing 32 \times 4$	
350030060	Lock washer $\varnothing 60 \times \varnothing 32 \times 1,8$	
350020065	Clamping nut $\varnothing 60 \times 6 \times M32 \times 1$	
350020083	Clamping nut with balancing option $\varnothing 60 \times 9$ M32 x 1,0	
350040020	Clamping nut wrench PC45 for $\varnothing 32$	

Due to constant improvements to and further developments of our designs, the information and illustrations in this brochure are non-binding. The specifications and mounted lengths provided by the machine manufacturer must be observed. All specifications are in mm.

Walter HSK50 // Shaft $\varnothing 20$ mm // RS $\varnothing 35$ mm

For Walter tool grinding machines with ring set $\varnothing 35$ mm

GWA HSK50 // $\varnothing 20$ mm // RS $\varnothing 35$ mm

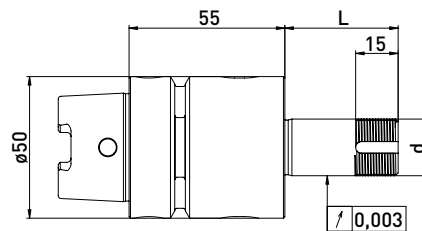
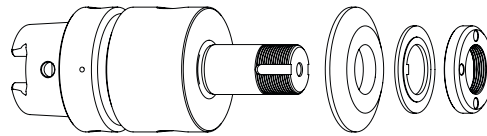


Delivered equipped:
Reducing washer, ring set $\varnothing 35$ mm, lock washer and clamping nut

Ring set $\varnothing 35$ mm

Order No.	HSK	d	L	B 20	B 10	B 4
300102512	HSK50	20	40	-	1	3
300102522	HSK50	20	60	1	1	3
300102532	HSK50	20	85	2	2	4
300102542	HSK50	20	100	2	3	3

GWA HSK50 // $\varnothing 20$ mm // without RS



Delivered equipped:
Reducing washer, lock washer and clamping nut

Order No.	HSK	d	L
300102511	HSK50	20	40
300102521	HSK50	20	60
300102531	HSK50	20	85
300102541	HSK50	20	100

Accessories Walter grinding wheel adapter HSK50 // Shaft $\varnothing 20$ mm // Ring set $\varnothing 35$ mm

Order No.	Name	
350050010	Universal assembly device $\varnothing 50$	
350040010	Clamping nut wrench PC27 for $\varnothing 20$	
350040011	Clamping nut wrench PC27 for $\varnothing 20$	
350040040	*Clamping nut wrench PC29 for $\varnothing 20$ for clamping nut with blancing option	
350040041	*Spannmutterschlüssel TK29 für $\varnothing 20$	
350020081	*Balancing weight pair for clamping nut $\varnothing 35$ // 40gmm	

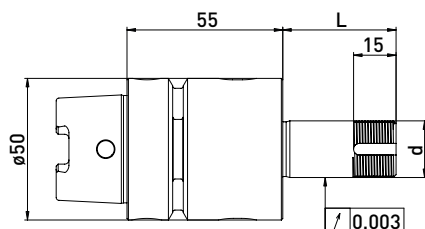
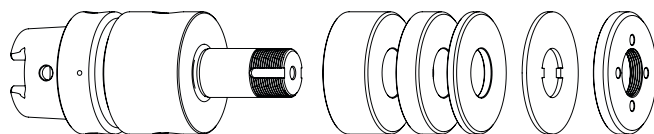
Order No.	Name	
350012020	Spacer ring $\varnothing 35 \times \varnothing 20 \times 20$	
350012010	Spacer ring $\varnothing 35 \times \varnothing 20 \times 10$	
350012004	Spacer ring $\varnothing 35 \times \varnothing 20 \times 4$	
350015001	Reducing washer $\varnothing 50 \times \varnothing 35 \times \varnothing 20 \times 6$	
350030020	Lock washer $\varnothing 35 \times \varnothing 20 \times 2$	
350020030	Clamping nut $\varnothing 35 \times 6$ M20 x 1 PC27	
350020080	*Clamping nut with balancing option $\varnothing 35 \times \varnothing 40 \times 8 \times$ M20 x 1 PC29	
350015005	Support washer $\varnothing 35 \times \varnothing 60 \times \varnothing 20 \times 6$	

*related items

Walter HSK50 // Shaft $\varnothing 20$ mm // RS $\varnothing 50$ mm

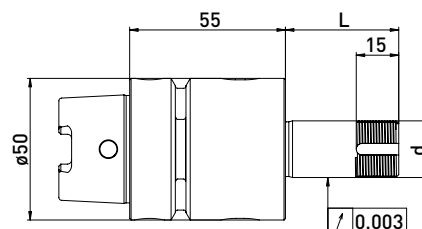
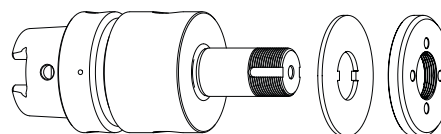
For Walter tool grinding machines with ring set $\varnothing 50$ mm

GWA HSK50 // $\varnothing 20$ mm // RS $\varnothing 50$ mm



Delivered equipped:
Ring set $\varnothing 50$ mm, lock washer and clamping nut

GWA HSK50 // $\varnothing 20$ mm // without RS



Delivered equipped:
Lock washer and clamping nut

Ring set $\varnothing 50$ mm

Order No.	HSK	d	L	B 20	B 10	B 4
300102012	HSK50	20	40	-	2	3
300102022	HSK50	20	60	1	2	3
300102032	HSK50	20	85	2	2	4
300102042	HSK50	20	100	2	3	5

Order No.	HSK	d	L
300102011	HSK50	20	40
300102021	HSK50	20	60
300102031	HSK50	20	85
300102041	HSK50	20	100

Accessories Walter grinding wheel adapter HSK50 // Shaft $\varnothing 20$ mm // Ring set $\varnothing 50$ mm

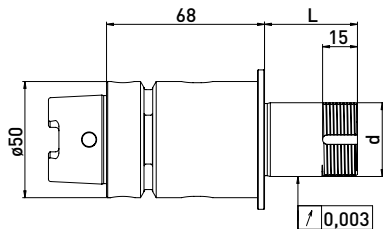
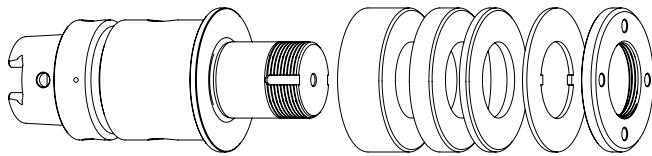
Order No.	Name	
350050010	Universal assembly device $\varnothing 50$	
350040010	Clamping nut wrench PC27 for $\varnothing 20$	
350040011	Clamping nut wrench PC27 for $\varnothing 20$	
350020021	*Balancing weight pair for clamping nut $\varnothing 50$ // 100gmm	

Order No.	Name	
350011020	Spacer ring $\varnothing 50$ x $\varnothing 20$ x 20	
350011010	Spacer ring $\varnothing 50$ x $\varnothing 20$ x 10	
350011004	Spacer ring $\varnothing 50$ x $\varnothing 20$ x 4	
350015002	Reducing washer $\varnothing 40$ x $\varnothing 50$ x $\varnothing 20$ x 6	
350020060	Clamping nut $\varnothing 50$ x 6 x M20 x 1 PC27	
350020020	*Clamping nut with balancing option $\varnothing 50$ x 8,5 M20 x 1,0 PC27	

Walter HSK50 // Shaft $\varnothing 31,75$ mm (1¼) // RS $\varnothing 60$ mm

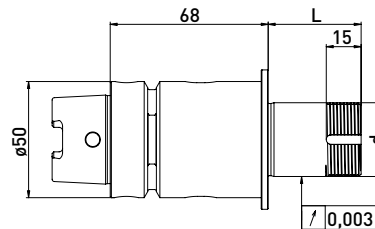
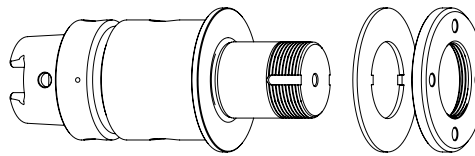
For Walter tool grinding machines with ring set $\varnothing 60$ mm

GWA HSK50 // $\varnothing 31,75$ mm (1¼) // RS $\varnothing 60$ mm



Delivered equipped:
Ring set $\varnothing 60$ mm, lock washer and clamping nut

GWA HSK50 // $\varnothing 31,75$ mm (1¼) // without RS



Delivered equipped:
Lock washer and clamping nut

Ring set $\varnothing 60$ mm

Order No.	HSK	d	L	B 20	B 10	B 4
300102112	HSK50	31,75	40	-	2	3
300102122	HSK50	31,75	60	1	2	3
300102132	HSK50	31,75	85	2	2	4
300102142	HSK50	31,75	100	3	2	3

Order No.	HSK	d	L
300102111	HSK50	31,75	40
300102121	HSK50	31,75	60
300102131	HSK50	31,75	85
300102141	HSK50	31,75	100

Accessories Walter grinding wheel adapter HSK50 // Shaft $\varnothing 31,75$ mm (1¼) // Ring set $\varnothing 60$ mm

Order No.	Name	
350050010	Universal assembly device $\varnothing 50$	
350040030	*Clamping nut wrench PC39 for clamping nut with blancing option	
350040020	Clamping nut wrench PC45 for $\varnothing 32$	
350020023	*Balancing weight pair for clamping nut $\varnothing 60$ // 200gmm	

Order No.	Name	
350011420	Spacer ring $\varnothing 60$ x $\varnothing 31,75$ x 20	
350011410	Spacer ring $\varnothing 60$ x $\varnothing 31,75$ x 10	
350011404	Spacer ring $\varnothing 60$ x $\varnothing 31,75$ x 4	
350030060	Lock washer $\varnothing 60$ x $\varnothing 32$ x 1,8	
350020066	Clamping nut $\varnothing 60$ x 6 x M32 x 1,5 PC45	
350020022	*Clamping nut with balancing option $\varnothing 60$ x 9 M32 x 1,5 PC39	

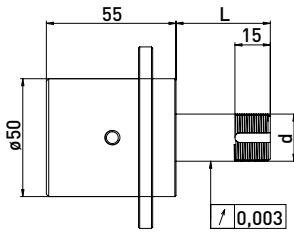
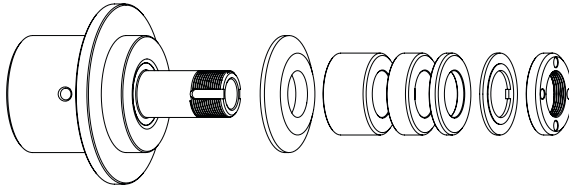
*related items

Walter NCT // Shaft $\varnothing 20$ mm // RS $\varnothing 35$ mm

For Walter tool grinding machines with ring set $\varnothing 35$ mm

GWA NCT $\varnothing 31,75$ mm (1 1/4) // $\varnothing 20$ mm // RS $\varnothing 35$ mm

Tight with torque wrench 80Nm.



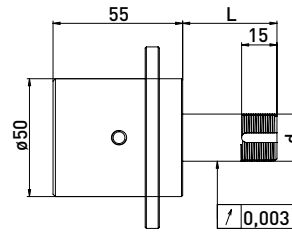
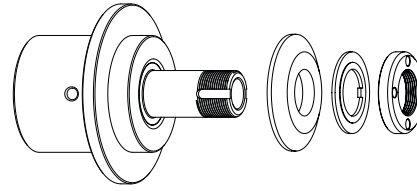
Delivered equipped:
Reducing washer, ring set $\varnothing 35$ mm, lock washer and clamping nut

Ring set $\varnothing 35$ mm

Order No.	Internal taper	d	L	B20	B10	B4
300101512	31,75	20	40	-	1	3
300101522	31,75	20	60	1	1	3
300101542	31,75	20	85	2	1	4
300101532	31,75	20	100	2	3	3

GWA NCT $\varnothing 31,75$ mm (1 1/4) // $\varnothing 20$ mm // without RS

Tight with torque wrench 80Nm.



Delivered equipped:
Reducing washer, lock washer and clamping nut

Order No.	Internal taper	d	L
300101511	31,75	20	40
300101521	31,75	20	60
300101541	31,75	20	85
300101531	31,75	20	100

Accessories Walter grinding wheel adapter NCT // Shaft $\varnothing 20$ mm // Ring set $\varnothing 35$ mm

Order No.	Name	
350050010	Universal Assembly device $\varnothing 50$	
350040010	Clamping nut wrench PC27 for $\varnothing 20$	
350040011	Clamping nut wrench PC27 for $\varnothing 20$	
350040040	*Clamping nut wrench PC29 for $\varnothing 20$ for clamping nut with balancing option	
350040041	*Spannmutterschlüssel TK29 für $\varnothing 20$	
350020081	*Balancing weight pair for clamping nut $\varnothing 35$ // 40gmm	
300101001	Installation kit for NCT63 Walter	
300101003	Assembly wrench for installation kit NCT63 M20 x 1,5	

Order No.	Name	
350012020	Spacer ring $\varnothing 35$ x $\varnothing 20$ x 20	
350012010	Spacer ring $\varnothing 35$ x $\varnothing 20$ x 10	
350012004	Spacer ring $\varnothing 35$ x $\varnothing 20$ x 4	
350015001	Reducing washer $\varnothing 50$ x $\varnothing 35$ x $\varnothing 20$ x 6	
350030020	Lock washer $\varnothing 35$ x $\varnothing 20$ x 2	
350020030	Clamping nut $\varnothing 35$ x 6 M20 x 1 PC27	
350020080	*Clamping nut with balancing option $\varnothing 35$ x $\varnothing 40$ x 8 x M20 x 1 PC29	
350015005	Support washer $\varnothing 35$ x $\varnothing 60$ x $\varnothing 20$ x 6	

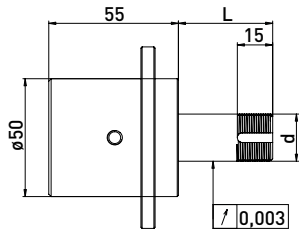
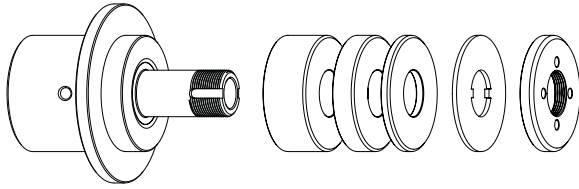
Due to constant improvements to and further developments of our designs, the information and illustrations in this brochure are non-binding. The specifications and mounted lengths provided by the machine manufacturer must be observed. All specifications are in mm.

Walter NCT // Shaft $\varnothing 20$ mm // RS $\varnothing 50$ mm

For Walter tool grinding machines with ring set $\varnothing 50$ mm

GWA NCT $\varnothing 31,75$ mm (1¼) // $\varnothing 20$ mm // RS $\varnothing 50$ mm

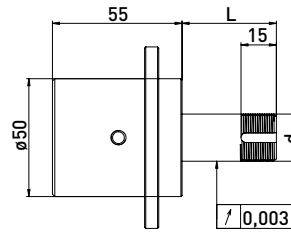
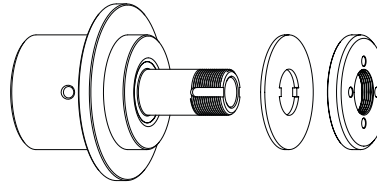
Tight with torque wrench 80Nm.



Delivered equipped:
Ring set $\varnothing 50$ mm, lock washer and clamping nut

GWA NCT $\varnothing 31,75$ mm (1¼) // $\varnothing 20$ mm // without RS

Tight with torque wrench 80Nm.



Delivered equipped:
Lock washer and clamping nut

Ring set $\varnothing 50$ mm

Order No.	Internal taper	d	L	B 20	B 10	B 4
300101012	31,75	20	40	-	1	3
300101022	31,75	20	60	1	1	3
300101042	31,75	20	85	2	1	4
300101032	31,75	20	100	2	3	3

Order No.	Internal taper	d	L
300101011	31,75	20	40
300101021	31,75	20	60
300101041	31,75	20	85
300101031	31,75	20	100

Accessories Walter grinding wheel adapter NCT // Shaft $\varnothing 20$ mm // Ring set $\varnothing 50$ mm

Order No.	Name	
350050010	Universal Assembly device $\varnothing 50$	
350040010	Clamping nut wrench PC27 for $\varnothing 20$	
350040011	Clamping nut wrench PC27 for $\varnothing 20$	
350040040	*Clamping nut wrench PC29 for $\varnothing 20$ for clamping nut with blancing option	
350040041	*Spannmutterschlüssel TK29 für $\varnothing 20$	
350020021	*Balancing weight pair for clamping nut $\varnothing 50$ // 100gmm	
300101001	Installation kit for NCT63 Walter	
300101003	Assembly wrench for installation kit NCT63 M20 x 1,5	

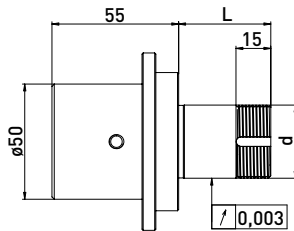
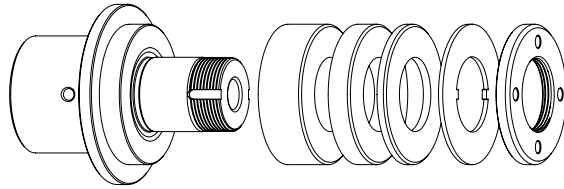
*related items

Order No.	Name	
350011020	Spacer ring $\varnothing 50$ x $\varnothing 20$ x 20	
350011010	Spacer ring $\varnothing 50$ x $\varnothing 20$ x 10	
350011004	Spacer ring $\varnothing 50$ x $\varnothing 20$ x 4	
350030010	Lock washer $\varnothing 50$ x $\varnothing 20$ x 2	
350020060	Clamping nut $\varnothing 50$ x 6 x M20 x 1 PC27	
350020020	*Clamping nut with balancing option $\varnothing 50$ x 8,5 M20 x 1,0 PC27	

Walter NCT // Shaft $\varnothing 31,75$ mm ($1\frac{1}{4}$) // RS $\varnothing 60$ mm

For Walter tool grinding machines with ring set $\varnothing 60$ mm

GWA NCT $\varnothing 31,75$ mm // $\varnothing 31,75$ mm ($1\frac{1}{4}$) // RS $\varnothing 60$ mm

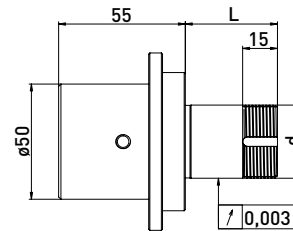
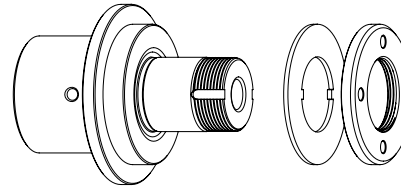


Delivered equipped:
Ring set $\varnothing 60$ mm, lock washer and clamping nut

Ring set $\varnothing 60$ mm

Order No.	Internal taper	d	L	B 20	B 10	B 4
300101112	31,75	31,75	40	-	1	5
300101122	31,75	31,75	60	1	1	5
300101132	31,75	31,75	85	1	4	4
300101142	31,75	31,75	100	2	3	5

GWA NCT $\varnothing 31,75$ mm ($1\frac{1}{4}$) // $\varnothing 31,75$ mm ($1\frac{1}{4}$) // without RS



Delivered equipped:
Lock washer and clamping nut

Order No.	Internal taper	d	L
300101111	31,75	31,75	40
300101121	31,75	31,75	60
300101131	31,75	31,75	85
300101141	31,75	31,75	100

Accessories Walter grinding wheel adapter NCT // Shaft $\varnothing 31,75$ mm ($1\frac{1}{4}$) // Ring set $\varnothing 50$ mm

Order No.	Name	
350050010	Universal Assembly device $\varnothing 50$	
350040030	*Clamping nut wrench PC39 for clamping nut with blancing option	
350040020	Clamping nut wrench PC45 for $\varnothing 32$	
350020023	*Balancing weight pair for clamping nut $\varnothing 60$ // 200gmm	
300101001	Installation kit for NCT63 Walter	
300101003	Assembly wrench for installation kit NCT63 M20 x 1,5	

Order No.	Name	
350011420	Spacer ring $\varnothing 60$ x $\varnothing 31,75$ x 20	
350011410	Spacer ring $\varnothing 60$ x $\varnothing 31,75$ x 10	
350011404	Spacer ring $\varnothing 60$ x $\varnothing 31,75$ x 4	
350030060	Lock washer $\varnothing 60$ x $\varnothing 32$ x 1,8	
350020066	Clamping nut $\varnothing 60$ x 6 x M32 x 1,5 PC45	
350020022	*Clamping nut with balancing option $\varnothing 60$ x 9 M32 x 1,5 PC39	



μGrind HPS 20 // HPS 20L



μGrind Nann 3409E



μGrind HSK



μGrind Hydro



Our Clamping and balancing technology catalogue contains all our quick-acting chucks.

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