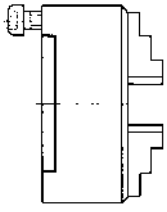
Lathe chucks ZG – ZS

**with one-piece-jaws, with scroll, DIN 6350, self-centering,
three- and four-jaw chucks, cast iron or steel body – for use on lathes, rotary tables, dividing heads, etc.**

Delivery includes:
1 set of outward stepped jaws (BB) mounted in the chuck,
1 set of inward stepped jaws (DB),
1 operating key, mounting bolts

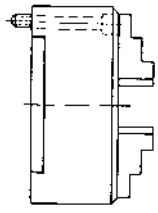
US-design with inch threads

DIN 6350
cylindrical center mount, Form A



Mounting bolts in metric

Mounting from front
cylindrical center mount



Size	inch	through-hole	3-jaw-chuck cast iron body Id.-No.	3-jaw-chuck steel body Id.-No.	4-jaw-chuck cast iron body Id.-No.	4-jaw-chuck steel body Id.-No.
			Type 300	**Type 600**	**Type 400**	**Type 800**
80	3 1/4	15	**102510**	–	–	–
100	4	20	**101789**	–	**102137**	**102138**
125	5	32	**101629**	**101673**	**106082**	**106083**
160	6 1/4	42	**100311**	**100719**	**100330**	**101165**
200	8	55	**100016**	**100190**	**105000**	**105004**
250	10	76	**100210**	**100535**	**100835**	**101031**
315	12 1/2	103	**101249**	**101345**	**101568**	**101902**
400	15 3/4	136	**102069**	**102070**	**102337**	**102338**
500	20	190	**106754**	**102556**	**102955**	**103341**
630	25	240	**102727**	–	**102863**	**102864**
			Type 300	**Type 600**	**Type 400**	**Type 800**
125	5	32	**116304**	**120155**	**103053**	**124447**
160	6 1/4	42	**115566**	**115568**	**115570**	**125802**
200	8	55	**109127**	**113158**	**111339**	**113160**
250	10	76	**114301**	**114304**	**127916**	**114306**
315	12 1/2	103	**109128**	**120270**	**120743**	**129946**
400	15 3/4	136	**123474**	**123475**	**146263**	**134401**
500	20	190	**117327**	**127616**	**129858**	**123465**
630	25	240	**111346**	**128545**	**137545**	**135061**

Short taper direct spindle mountings are available upon request

Two-jaw lathe chucks ZGF

with scroll, DIN 6350, unstepped top jaws, cast iron body

Delivery includes:
1 set of base jaws (GB)
1 set of top jaws, soft (AB)
1 operating key, mounting bolts

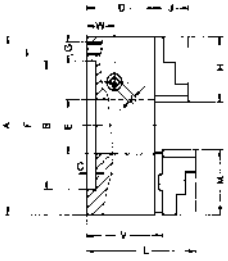
This chuck also is suitable for use on ground and basic plates

US-design with inch threads

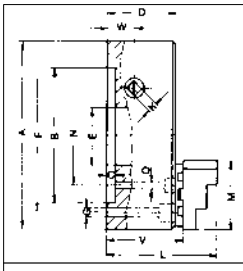
DIN 6350
cylindrical center mount, Form A

Size A	inch	bore E	2-jaw cast iron body Id.-No.
Type 152 ZGF, cylindrical centre mount, unstepped top jaws			
100	4	20	**105942**
125	5	32	**105943**
160	6 1/4	42	**105945**
200	8	55	**105946**
250	10	76	**105947**
315	12 1/2	103	**105948**
400	15 3/4	136	**105949**

With short taper upon request – Base plates see page 91

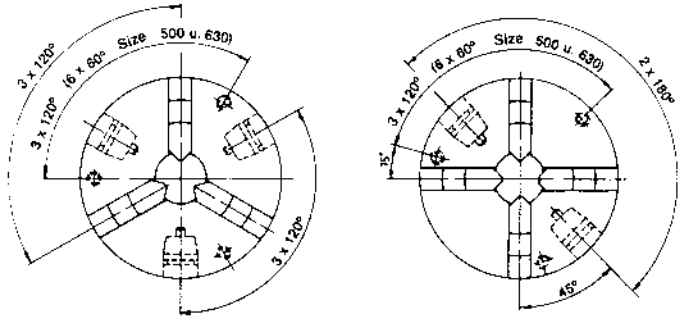


A Size mm	A Size inch	B^{H6} mm	C mm	D mm	E mm	F mm	G inch	H mm	J mm	K mm	L mm	M mm	V mm	W mm		weight appr. kg
With flatback mounting DIN 6350 cylindrical center mount form A																
80	$3^1/_4$	56	3	39,5	19	67	$3x^1/_4$-20	37	14	6	–	–	–	14,5		1,3
100	4	70	3	50	20	83	$3x^5/_{16}$-18	48	18	8	80,5	47	53,6	18		2,9
125	5	95	4	56	32	108	$3x^5/_{16}$-18	52	22,5	9	95,5	56	61	20		4,5
160	$6^1/_4$	125	4	65	42	140	$3x^7/_{16}$-14	61	26	10	108	66,7	69,7	22,45		8,2
200	8	160	4	73,5	55	176	$3x^7/_{16}$-14	69	32,5	11	119,6	79,5	80,2	25,7		14,6
250	10	200	5	82	76	224	$3x^1/_2$-13	90	40	12	139,3	95	89,9	26,5		25,7
315	$12^1/_2$	260	5	95	103	286	$3x^5/_8$-11	130	46	14	155	109,5	100,4	30		44,2
400	$15^3/_4$	330	5	105	136	362	$3x^5/_8$-11	130	43	17	171,5	127	113,4	35		80
500	20	420	5	120	190	458	$6x^5/_8$-11	190	54,5	19	201,5	127	128,4	38		126
630	25	545	7	135	240	586	$6x^5/_8$-11	190	54,5	19	216,5	127	143,3	48		208

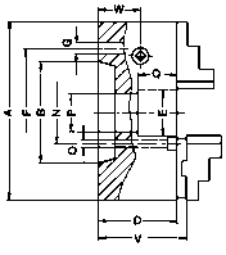


A Size mm	A Size inch	B mm	$C^{2)}$ mm	D mm	E mm	F mm	G 3 mm	G 4 mm	K mm	L mm	M mm	N mm	O 3 mm	O 4 mm	V mm	W mm	weight appr. kg
With flatback mounting cylindrical center mount																	
700	28	610	$7^{+0,03}$	147	310	660	6xØ22	8xØ22	19	240,6	210	360	6xØ18	4xØ18	158	48	280
800	$31^1/_2$	710	$7^{+0,03}$	147	380	760	6xØ22	8xØ22	19	240,6	210	460	6xØ18	4xØ18	158	48	350
1000	$39^1/_2$	910	$7^{+0,03}$	157	460	950	6xØ26	8xØ26	24	269,6	210	610	6xØ18	4xØ18	166	53	590
1250	$49^1/_4$	910	$7^{+0,03}$	157	550	950	6xØ26	8xØ26	24	269,6	210	610	6xØ18	4xØ22	166	53	850

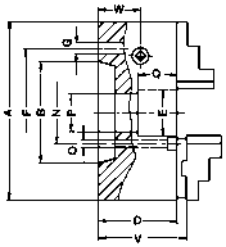
2) adaptor plate dimension $7_{-0,003}$



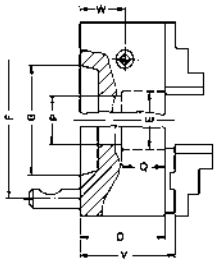
Position of fixing screws and pinions on lathe chucks with cylindrical center mount Size 80–630



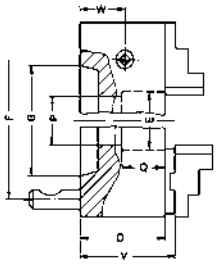
A Size mm	A Size inch	taper Size	B mm	D mm	E mm	$F^{2)}$ mm	G mm	$N^{2)}$ mm	O mm	V mm	W mm	mounting holes 3 jaw	mounting holes 4 jaw				weight appr. kg
With short taper DIN 55026 form A/B, ASA B5.9 A1/A2 metr., ISO 702/I A1/A2 tap. 5, 6, 8																	
160*	$6^1/_4$	5	82,5	66	42	–	–	61,9	$11^{1)}$	70,7	23,45	3	4				8
200*	8	5	82,5	74,5	42	–	–	61,9	$11^{1)}$	81,2	26,7	3	4				14,5
200*	8	6	106,4	74,5	55	–	–	82,6	14	81,2	26,7	6	4				14,5
250	10	5	82,5	83	76	104,8	$11^{1)}$	–	–	90,9	27,5	3	4				25
250*	10	6	106,4	83	55	–	–	82,6	14	90,9	27,5	6	4				25
250*	10	8	139,7	83	76	–	–	111,1	18	90,9	27,5	6	4				25
315	$12^1/_2$	6	106,4	96	103	133,4	14	–	–	101,4	31	6	4				44,5
315*	$12^1/_2$	8	139,7	96	76	–	–	111,1	18	101,4	31	6	4				44,5
400	$15^3/_4$	8	139,7	106	136	171,4	18	–	–	114,4	36	6	4				82
400*	$15^3/_4$	11	196,9	106	125	–	–	165,1	22	114,4	36	6	4				82
500*	20	8	139,7	122	136	–	–	171,4	18	130,4	40	6	8				139
500	20	11	196,9	122	190	235	22	–	–	130,4	40	6	8				139
630	25	11	196,9	137	190	235	22	–	–	145,3	50	6	8				220



A Size mm	A Size inch	taper Size	B mm	D mm	E mm	F[2] mm	G mm	P mm	Q mm	Y mm	W mm	mounting holes 3 jaw	mounting holes 4 jaw				weight appr. kg
With short taper DIN 55026 form A/B, ASA B5.9 A1/A2, ISO 702/I A1/A2 tap. 5, 6, 8 – mounting from front																	
700	28	11	196,9	149	310	235	22	193	76	159,9	50	6	8				295
700	28	15	285,8	149	285	330,2	26	281,2	76	159,9	50	6	8				295
800	31 1/2	15	285,8	149	380	330,2	26	281,2	76	159,9	50	6	8				350
800	31 1/2	20	412,8	149	380	463,6	26	–	–	159,9	50	6	8				350
1000	39 1/2	15	285,8	159	460	330,2	26	281,2	85	168	55	8	8				590
1000	39 1/2	20	412,8	159	505	463,6	26	407,5	85	168	55	8	8				590
1250	49 1/4	15	285,8	159	550	330,2	26	281,2	85	168	55	8	8				850
1250	49 1/4	20	412,8	159	550	463,6	26	407,5	85	168	55	8	8				850



A Size mm	A Size inch	taper Size	B mm	D mm	E mm	F Caml. mm	P mm	Q mm	V mm	W mm	mount. holes Caml.						weight appr. kg
With Camlock, DIN 55029, ASA B5.9 type D1 and ISO 702/II – with studs for Camlock																	
125	5	3	53,9	69	32	70,6	–	–	73,7	33	3						5,5
125	5	4	63,5	69	32	82,5	–	–	73,7	33	3						5,5
160	6 1/4	3	53,9	66	42	70,6	–	–	70,7	23,45	3						8,5
160	6 1/4	4	63,5	66	42	82,5	–	–	70,7	23,45	3						8,5
160	6 1/4	5	82,5	66	42	104,8	–	–	70,7	23,45	6						8,5
200	8	3	53,9	74,5	55	70,6	51,2	33	81,2	26,7	3						15,5
200	8	4	63,5	74,5	55	82,5	–	–	81,2	26,7	3						15,5
200	8	5	82,5	74,5	558	104,8	–	–	81,2	26,7	6						15,5
200	8	6	106,4	74,5	55	133,4	–	–	81,2	26,7	6						15,5
250	10	4	63,5	83	76	82,5	60,7	40,5	90,9	27,5	3						30
250	10	5	82,5	83	76	104,8	–	–	90,9	27,5	6						30
250	10	6	106,4	83	76	133,4	–	–	90,9	27,5	6						30
250	10	8	139,7	83	76	171,4	–	–	90,9	27,5	6						30
315	12 1/2	6	106,4	96	103	133,4	–	–	101,4	31	6						50
315	12 1/2	8	139,7	96	103	171,4	–	–	101,4	31	6						50
315	12 1/2	11	196,9	104	103	235	–	–	109,4	39	6						50
400	15 3/4	6	106,4	106	136	133,4	103	54	114,4	36	6						84
400	15 3/4	8	139,7	106	136	171,4	–	–	114,4	36	6						84
400	15 3/4	11	196,6	106	136	235	–	–	114,4	36	6						84
500	20	8	139,7	122	190	171,4	136	61	130,4	40	6						150
500	20	11	196,9	122	190	235	–	–	130,4	40	6						150
500	20	15	185,8	122	190	330,2	–	–	130,4	40	6						150
630	25	11	196,9	137	240	235	192,7	63	145,3	50	6						225



A Size mm	A Size inch	taper Size	B mm	D mm	E mm	F mm	P mm	Q mm	V mm	W mm	mount. holes						weight appr. kg
With Camlock, DIN 55029, ASA B5.9 type D1 and ISO 702/II – with studs for Camlock																	
700	28	11	196,9	149	310	235	192,7	76	160	50	6						280
700	28	15	285,8	149	310	330,2	281,2	76	160	50	6						280
800	31 1/2	15	285,8	149	380	330,2	281,2	76	160	50	6						350
800	31 1/2	20	412,8	149	380	463,6	–	–	160	50	6						350
1000	39 1/2	15	285,8	159	460	330,2	281,2	85	168	55	6						590
1000	39 1/2	20	412,8	159	460	463,6	407,5	85	168	55	6						590
1250	49 1/4	15	285,8	159	550	330,2	281,2	85	168	55	6						850
1250	49 1/4	20	412,8	159	550	463,6	407,5	85	168	55	6						850