

# ZGU-ZSU heavy



The spiral ring chuck - a proven and universal suitable clamping system - finds its application wherever a high Clamping force, high runout accuracy and very high repeatability are required (e. g. lathes, turntables, circular indexing tables, etc.).  
Cross tenon to ISO 3442 and ASA B 5.8.

The jaws can be moved across the entire clamping range by turning a key. Due to this, workpieces with different diameters can be clamped without changing or shifting the jaws.

**Heavy design with large through-hole**

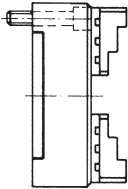
**Technical features:**

- with base jaws and reversible top jaws
- with scroll
- self-centering
- lathe chucks must be lubricated regularly to maintain their gripping force

**Delivery includes:**

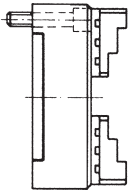
- 1 set of base jaws (GB),
- 1 set of reversible top jaws (UB),
- 1 operating key, mounting bolts

Tool group A09  
Type 303 **3-jaw-chuck**  
cast iron body  
cylindrical centre mount



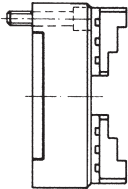
Item no.	Size	ZA	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147500	700	610	310	650	280	105
104626	800	710	380	600	300	110
104648	1000	910	460	480	450	115
104650	1250	910	550	380	450	115

Tool group A09  
Type 603 **3-jaw-chuck**  
steel body  
cylindrical centre mount



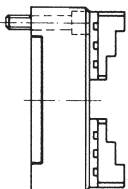
Item no.	Size	ZA	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147501	700	610	310	800	280	105
104913	800	710	380	700	300	110
104925	1000	910	460	560	450	115
104941	1250	910	550	450	450	115

Tool group A09  
Type 403 **4-jaw-chuck**  
cast iron body  
cylindrical centre mount



Item no.	Size	ZA	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147514	700	610	310	650	280	105
104909	800	710	380	600	300	110
104921	1000	910	460	480	450	115
104933	1250	910	550	380	450	115

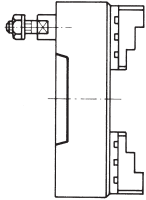
Tool group A09  
Type 803 **4-jaw-chuck**  
steel body  
cylindrical centre mount



Item no.	Size	ZA	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147515	700	610	310	800	280	105
104917	800	710	380	700	300	110
104929	1000	910	460	560	450	115
104945	1250	910	550	450	450	115

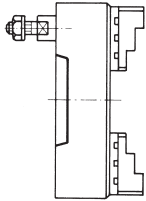
# ZGU-ZSU heavy

Tool group A09  
Type 318 **3-jaw-chuck**  
**cast iron body DIN 55027**,  
DIN 55022, ISO 702/III;  
with studs and locknuts,  
optional DIN 55021  
with set screw and nut



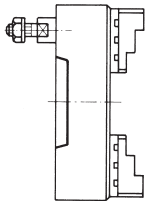
Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147502	700	11	192,7	650	280	105
147504	700	15	281,2	650	280	105
126908	800	11	192,7	600	300	110
129291	800	15	281,2	600	300	110
129292	800	20	380	600	300	110
129293	1000	15	281,2	480	450	115
129294	1000	20	407,5	480	450	115
129295	1250	15	281,2	380	450	115
129296	1250	20	407,5	380	450	115

Tool group A09  
Type 618 **3-jaw-chuck**  
**steel body DIN 55027**,  
DIN 55022, ISO 702/III;  
with studs and locknuts,  
optional DIN 55021  
with set screw and nut



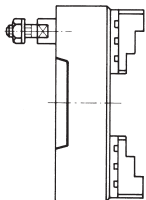
Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147503	700	11	192,7	800	280	105
147505	700	15	281,2	800	280	105
148253	800	11	192,7	700	300	110
129339	800	15	281,2	700	300	110
129340	800	20	380	700	300	110
129341	1000	15	281,2	450	450	115
129342	1000	20	407,5	560	450	115
129343	1250	15	281,2	450	450	115
129344	1250	20	407,5	450	450	115

Tool group A09  
Type 418 **4-jaw-chuck**  
**cast iron body DIN 55027**,  
DIN 55022, ISO 702/III;  
with studs and locknuts,  
optional DIN 55021  
with set screw and nut



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147516	700	11	192,7	650	280	105
147518	700	15	281,2	650	280	105
127266	800	11	192,7	600	300	110
129323	800	15	281,2	600	300	110
129324	800	20	380	600	300	110
129325	1000	15	281,2	480	450	115
129326	1000	20	407,5	480	450	115
129327	1250	15	281,2	380	450	115
129328	1250	20	407,5	380	450	115

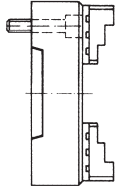
Tool group A09  
Type 818 **4-jaw-chuck**  
**steel body DIN 55027**,  
DIN 55022, ISO 702/III;  
with studs and locknuts,  
optional DIN 55021  
with set screw and nut



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147517	700	11	192,7	800	280	105
147519	700	15	281,2	800	280	105
149067	800	11	192,7	700	300	110
129355	800	15	281,2	700	300	110
129356	800	20	380	700	300	110
129357	1000	15	281,2	560	450	115
129358	1000	20	407,5	560	450	115
129359	1250	15	281,2	450	450	115
129360	1250	20	407,5	450	450	115

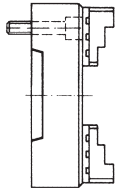
# ZGU-ZSU heavy

Tool group A09  
Type 323 **3-jaw-chuck**  
**cast iron body DIN 55026;**  
DIN 55021, ASA B 5.9,  
A1/A2 metr.; mounting from front



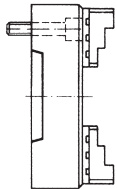
Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147506	700	11	193	650	280	105
147508	700	15	281,2	650	280	105
126909	800	11	193	600	300	110
129299	800	15	281,2	600	300	110
129300	800	20	380	600	300	110
129301	1000	15	281,2	480	450	115
129302	1000	20	407,5	480	450	115
129303	1250	15	281,2	380	450	115
129304	1250	20	407,5	380	450	115

Tool group A09  
Type 623 **3-jaw-chuck**  
**steel body DIN 55026;**  
DIN 55021, ASA B 5.9,  
A1/A2 metr.; mounting from front



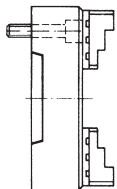
Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147507	700	11	193	650	280	105
147509	700	15	281,2	650	280	105
139200	800	11	193	600	300	110
129347	800	15	281,2	600	300	110
129348	800	20	380	600	300	110
129349	1000	15	281,2	480	450	115
129350	1000	20	407,5	480	450	115
129351	1250	15	281,2	380	450	115
129352	1250	20	407,5	380	450	115

Tool group A09  
Type 423 **4-jaw-chuck**  
**cast iron body DIN 55026;**  
DIN 55021, ASA B 5.9,  
A1/A2 metr.; mounting from front



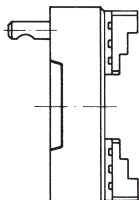
Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147520	700	11	193	650	280	105
147522	700	15	281,2	650	280	105
127269	800	11	193	600	300	110
129331	800	15	281,2	600	300	110
129332	800	20	380	600	300	110
129333	1000	15	281,2	480	450	115
129334	1000	20	407,5	480	450	115
129335	1250	15	281,2	380	450	115
129336	1250	20	407,5	380	450	115

Tool group A09  
Type 823 **4-jaw-chuck**  
**steel body DIN 55026;**  
DIN 55021, ASA B 5.9,  
A1/A2 metr.; mounting from front



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147521	700	11	193	650	280	105
147523	700	15	281,2	650	280	105
139234	800	11	193	600	300	110
129363	800	15	281,2	600	300	110
129364	800	20	380	600	300	110
129365	1000	15	281,2	480	450	115
129366	1000	20	407,5	480	450	115
129367	1250	15	281,2	380	450	115
129368	1250	20	407,5	380	450	115

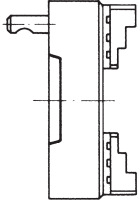
Tool group A09  
Type 333 **3-jaw-chuck**  
**cast iron body DIN 55029;**  
ASA B 5.9, Type D,  
with studs for Camlock



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147510	700	11	192,7	650	280	105
147512	700	15	281,2	650	280	105
126911	800	11	192,7	600	300	110
129307	800	15	281,2	600	300	110
129308	800	20	380	600	300	110
129309	1000	15	281,2	480	450	115
129310	1000	20	407,5	480	450	115
129311	1250	15	281,2	380	450	115
129312	1250	20	407,5	380	450	115

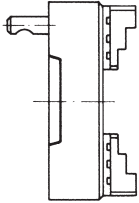
# ZGU-ZSU heavy

Tool group A09  
Type 633 **3-jaw-chuck**  
**steel body DIN 55029**;  
ASA B 5.9, Type D,  
with studs for Camlock



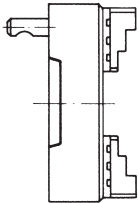
Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147511	700	11	192,7	800	280	105
147513	700	15	281,2	800	280	105
146526	800	11	192,7	700	300	110
129371	800	15	281,2	700	300	110
129372	800	20	380	700	300	110
129373	1000	15	281,2	560	450	115
129374	1000	20	407,5	560	450	115
129375	1250	15	281,2	450	450	115
129376	1250	20	407,5	450	450	115

Tool group A09  
Type 433 **4-jaw-chuck**  
**cast iron body DIN 55029**;  
ASA B 5.9, Type D,  
with studs for Camlock



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147524	700	11	192,7	650	280	105
147526	700	15	281,2	650	280	105
127273	800	11	192,7	600	300	110
129315	800	15	281,2	600	300	110
129316	800	20	380	600	300	110
129317	1000	15	281,2	480	450	115
129318	1000	20	407,5	480	450	115
129319	1250	15	281,2	380	450	115
129320	1250	20	407,5	380	450	115

Tool group A09  
Type 833 **4-jaw-chuck**  
**steel body DIN 55029**;  
ASA B 5.9, Type D,  
with studs for Camlock



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
147525	700	11	192,7	800	280	105
147527	700	15	281,2	800	280	105
129379	800	15	281,2	700	300	110
129380	800	20	380	700	300	110
129381	1000	15	281,2	560	450	115
129382	1000	20	407,5	560	450	115
129383	1250	15	281,2	450	450	115
129384	1250	20	407,5	450	450	115