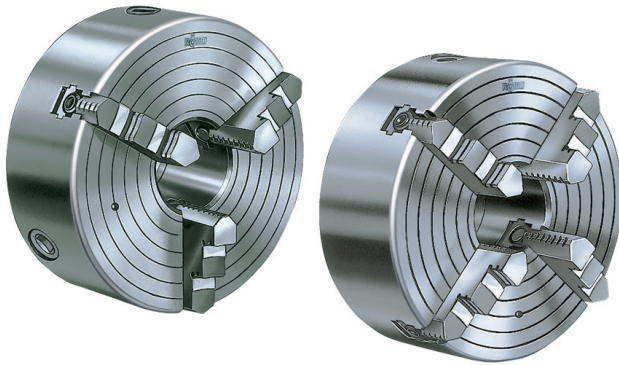


EG-ES



Three- and four-jaw chucks, cast iron or steel body, particularly suitable for lining up and chucking workpieces of irregular shape.

The jaws can be moved across the entire clamping range by turning a key.

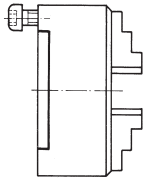
Technical features:

- similar to DIN 6350, but with additional adjustment of the reversible jaws
- dimensions and mountings to DIN 6351
- chuck body: drop-forged steel or special cast iron
- scroll: drop-forged and balanced, hardened, thread flanks ground on both sides
- with self-centering and independently adjustable jaws
- lathe chucks must be lubricated regularly to maintain their gripping force

Delivery includes:

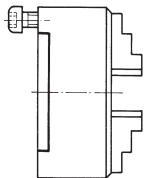
- 1 set of base jaws (GB),
- 1 set of reversible jaws (UB),
- 1 operating key,
- 1 adjusting key, mounting bolts

Tool group A09
Type 350 **3-jaw-chuck**
cast iron body
DIN 6351;
cylindrical centre mount, Shape A



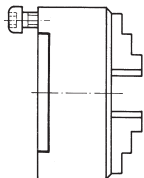
Item no.	Size	ZA	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
103144	100	70	20	2700	60	27
104423	125	95	32	2400	80	31
104229	160	125	42	2000	110	47
104279	200	160	55	1600	140	55
104531	250	200	76	1300	150	63
104643	315	260	103	900	180	69
104748	400	330	136	800	240	92
105143	500	420	190	630	260	100
104100	630	545	240	510	280	105

Tool group A09
Type 650 **3-jaw-chuck**
steel body
DIN 6351;
cylindrical centre mount, Shape A



Item no.	Size	ZA	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
111360	160	125	42	3000	110	47
111365	200	160	55	2450	140	55
111370	250	200	76	2000	150	63
111375	315	260	103	1350	180	69
111380	400	330	136	1250	240	92
111385	500	420	190	800	260	100
111390	630	545	240	700	280	105

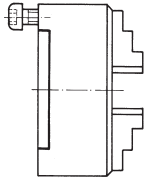
Tool group A09
Type 450 **4-jaw-chuck**
cast iron body
DIN 6351;
cylindrical centre mount, Shape A



Item no.	Size	ZA	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
103166	100	70	20	2700	60	27
104202	125	95	32	2400	80	31
103362	160	125	42	2000	110	47
104327	200	160	55	1600	140	55
104579	250	200	76	1300	150	63
104687	315	260	103	900	180	69
104790	400	330	136	800	240	92
105173	500	420	190	630	260	100
105657	630	545	240	510	280	105

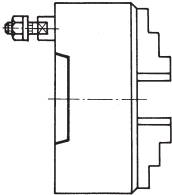
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Tool group A09
Type 850 **4-jaw-chuck**
steel body DIN 6351;
cylindrical centre mount, Shape A



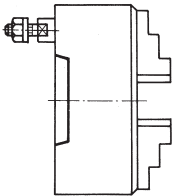
Item no.	Size	ZA	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
111789	160	125	42	3000	110	47
111793	200	160	55	2450	140	55
111797	250	200	76	2000	150	63
111801	315	260	103	1350	180	69
111805	400	330	136	1250	240	92
111809	500	420	190	800	260	100
111813	630	545	240	700	280	105

Tool group A09
Type 365 **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
103371	125	3	32	2400	80	31
103373	125	4	32	2400	80	31
104207	160	4	42	2000	110	47
104209	160	5	42	2000	110	47
104211	160	6	42	2000	110	47
104315	200	4	55	1600	140	55
104285	200	5	55	1600	140	55
104287	200	6	55	1600	140	55
104545	250	5	76	1300	150	63
104541	250	6	76	1300	150	63
104543	250	8	76	1300	150	63
104653	315	6	103	900	180	69
104655	315	8	103	900	180	69
104657	315	11	103	900	180	69
104758	400	8	136	800	240	92
104760	400	11	136	800	240	92
105151	500	11	190	630	260	100
105153	500	15	190	630	260	100
104108	630	11	192,7	510	280	105
104109	630	15	240	510	280	105

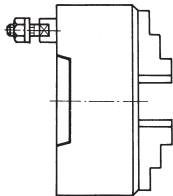
Tool group A09
Type 665 **3-jaw-chuck**
steel body DIN 55027,
DIN 55022, ISO 702/III; with studs
and locknuts, optional DIN 55021
with set screw and nut



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
111468	160	4	42	3000	110	47
111469	160	5	42	3000	110	47
111471	160	6	42	3000	110	47
111475	200	4	55	2450	140	55
111472	200	5	55	2450	140	55
111473	200	6	55	2450	140	55
111478	250	5	76	2000	150	63
111476	250	6	76	2000	150	63
111477	250	8	76	2000	150	63
111479	315	6	103	1350	180	69
111480	315	8	103	1350	180	69
111481	315	11	103	1350	180	69
111482	400	8	136	1250	240	92
111483	400	11	136	1250	240	92
111485	500	11	190	800	260	100
111486	500	15	190	800	260	100
111488	630	11	192,7	700	280	105
111489	630	15	240	700	280	105

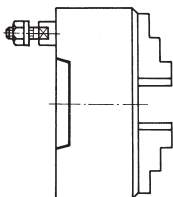
EG-ES

Tool group A09
Type 465 **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



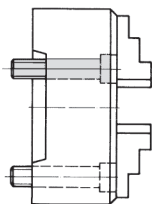
Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
104218	125	3	32	2400	80	31
104220	125	4	32	2400	80	31
103378	160	4	42	2000	110	47
103382	160	5	42	2000	110	47
103386	160	6	42	2000	110	47
104345	200	4	55	1600	140	55
104339	200	5	55	1600	140	55
104341	200	6	55	1600	140	55
104593	250	5	76	1300	150	63
104589	250	6	76	1300	150	63
104591	250	8	76	1300	150	63
104697	315	6	103	900	180	69
104699	315	8	103	900	180	69
104701	315	11	103	900	180	69
105100	400	8	136	800	240	92
105102	400	11	136	800	240	92
105181	500	11	190	630	260	100
105183	500	15	190	630	260	100
106001	630	11	192,7	510	280	105
106003	630	15	240	510	280	105

Tool group A09
Type 865 **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
111891	160	4	42	3000	110	47
111892	160	5	42	3000	110	47
111894	160	6	42	3000	110	47
111898	200	4	55	2450	140	55
111895	200	5	55	2450	140	55
111896	200	6	55	2450	140	55
111901	250	5	76	2000	150	63
111899	250	6	76	2000	150	63
111900	250	8	76	2000	150	63
111902	315	6	103	1350	180	69
111903	315	8	103	1350	180	69
111904	315	11	103	1350	180	69
111905	400	8	136	1250	240	92
111906	400	11	136	1250	240	92
111908	500	11	190	800	260	100
111909	500	15	190	800	260	100
111911	630	11	192,7	700	280	105
111912	630	15	240	700	280	105

Tool group A09
Type 370 **3-jaw-chuck**
cast iron body
DIN 55026; DIN 55021, ASA B 5.9,
A1/A2 metr.; mounting from front

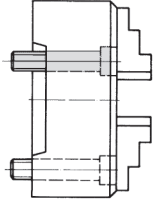


Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
104213 ¹⁾	160	5	42	2000	110	47
104290 ¹⁾	200	5	42	1600	140	55
104292 ¹⁾	200	6	55	1600	140	55
104547 ¹⁾	250	6	55	1300	150	63
104549 ¹⁾	250	8	76	1300	150	63
104659	315	6	103	900	180	69
104661 ¹⁾	315	8	76	900	180	69
104764	400	8	136	800	240	92
104766 ¹⁾	400	11	125	800	240	92
105155	500	11	190	630	260	100
104112	630	11	190	510	280	105
104113 ¹⁾	630	15	190	510	280	105

¹⁾ mounting from front in the inner bolt circle

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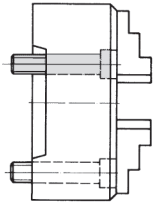
Tool group A09
Type 670 **3-jaw-chuck**
steel body DIN 55026;
DIN 55021, ASA B 5.9,
A1/A2 metr.; mounting from front



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
111515 ¹⁾	160	5	42	3000	110	47
111517 ¹⁾	200	5	42	2450	140	55
111519 ¹⁾	200	6	55	2450	140	55
111521 ¹⁾	250	6	55	2000	150	63
111523 ¹⁾	250	8	76	2000	150	63
111527	315	6	103	1350	180	69
111529 ¹⁾	315	8	76	1350	180	69
111531	400	8	136	1250	240	92
111533 ¹⁾	400	11	125	1250	240	92
111535	500	11	190	800	260	100
111540	630	11	190	700	280	105
111542 ¹⁾	630	15	190	700	280	105

¹⁾ mounting from front in the inner bolt circle

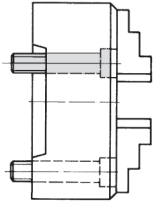
Tool group A09
Type 470 **4-jaw-chuck**
cast iron body DIN 55026;
DIN 55021, ASA B 5.9,
A1/A2 metr.; mounting from front



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
103390 ¹⁾	160	5	42	2000	110	47
104347 ¹⁾	200	5	42	1600	140	55
104349 ¹⁾	200	6	55	1600	140	55
104595 ¹⁾	250	6	55	1300	150	63
104597 ¹⁾	250	8	76	1300	150	63
104703	315	6	103	900	180	69
104705 ¹⁾	315	8	76	900	180	69
105106	400	8	136	800	240	92
105108 ¹⁾	400	11	125	800	240	92
105185	500	11	190	630	260	100
106005	630	11	190	510	280	105
106007 ¹⁾	630	15	190	510	280	105

¹⁾ mounting from front in the inner bolt circle

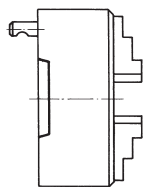
Tool group A09
Type 870 **4-jaw-chuck**
steel body DIN 55026;
DIN 55021, ASA B 5.9,
A1/A2 metr.; mounting from front



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
111938 ¹⁾	160	5	42	3000	110	47
111940 ¹⁾	200	5	42	2450	140	55
111942 ¹⁾	200	6	55	2450	140	55
111944 ¹⁾	250	6	55	2000	150	63
111946 ¹⁾	250	8	76	2000	150	63
111950	315	6	103	1350	180	69
111952 ¹⁾	315	8	76	1350	180	69
111954	400	8	136	1250	240	92
111956 ¹⁾	400	11	125	1250	240	92
111958	500	11	190	800	260	100
111963	630	11	190	700	280	105
111965 ¹⁾	630	15	190	700	280	105

¹⁾ mounting from front in the inner bolt circle

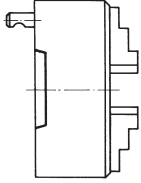
Tool group A09
Type 380 **3-jaw-chuck**
cast iron body DIN 55029;
ASA B 5.9, Type D,
with studs for Camlock



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
109401	125	3	32	2400	80	31
109404	125	4	32	2400	80	31
109405	160	4	42	2000	110	47
109407	160	5	42	2000	110	47
109410	160	6	42	2000	110	47
109406	200	4	55	1600	140	55
109408	200	5	55	1600	140	55
109411	200	6	55	1600	140	55
109409	250	5	76	1300	150	63
109412	250	6	76	1300	150	63
109415	250	8	76	1300	150	63
109413	315	6	103	900	180	69
109416	315	8	103	900	180	69
109419	315	11	103	900	180	69
109417	400	8	136	800	240	92
109420	400	11	136	800	240	92
109421	500	11	190	630	260	100
109423	500	15	190	630	260	100
109422	630	11	192,7	510	280	105
109424	630	15	240	510	280	105

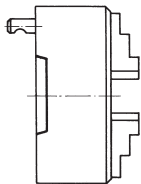
EG-ES

Tool group A09
Type 680 **3-jaw-chuck**
steel body DIN 55029;
ASA B 5.9, Type D,
with studs for Camlock



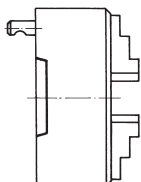
Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
111604	160	4	42	3000	110	47
111606	160	5	42	3000	110	47
111610	160	6	42	3000	110	47
111618	200	4	55	2450	140	55
111612	200	5	55	2450	140	55
111614	200	6	55	2450	140	55
111624	250	5	76	2000	150	63
111620	250	6	76	2000	150	63
111622	250	8	76	2000	150	63
111626	315	6	103	1350	180	69
111628	315	8	103	1350	180	69
111630	315	11	103	1350	180	69
111632	400	8	136	1250	240	92
111634	400	11	136	1250	240	92
111638	500	11	190	800	260	100
111640	500	15	190	800	260	100
111644	630	11	192,7	700	280	105
111646	630	15	240	700	280	105

Tool group A09
Type 480 **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
109427	125	3	32	2400	80	31
109430	125	4	32	2400	80	31
109431	160	4	42	2000	110	47
109433	160	5	42	2000	110	47
109436	160	6	42	2000	110	47
109432	200	4	55	1600	140	55
109434	200	5	55	1600	140	55
109437	200	6	55	1600	140	55
109435	250	5	76	1300	150	63
109438	250	6	76	1300	150	63
109441	250	8	76	1300	150	63
109439	315	6	103	900	180	69
109442	315	8	103	900	180	69
109445	315	11	103	900	180	69
109443	400	8	136	800	240	92
109446	400	11	136	800	240	92
109447	500	11	190	630	260	100
109449	500	15	190	630	260	100
109448	630	11	192,7	510	280	105
109450	630	15	240	510	280	105

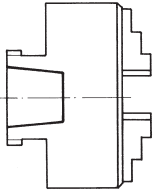
Tool group A09
Type 880 **4-jaw-chuck**
steel body DIN 55029;
ASA B 5.9, Type D,
with studs for Camlock



Item no.	Size	Mount short taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
112024	160	4	42	3000	110	47
112026	160	5	42	3000	110	47
112030	160	6	42	3000	110	47
112038	200	4	55	2450	140	55
112032	200	5	55	2450	140	55
112034	200	6	55	2450	140	55
112044	250	5	76	2000	150	63
112040	250	6	76	2000	150	63
112042	250	8	76	2000	150	63
112046	315	6	103	1350	180	69
112048	315	8	103	1350	180	69
112050	315	11	103	1350	180	69
112052	400	8	136	1250	240	92
112054	400	11	136	1250	240	92
112058	500	11	190	800	260	100
112060	500	15	190	800	260	100
112064	630	11	192,7	700	280	105
112066	630	15	240	700	280	105

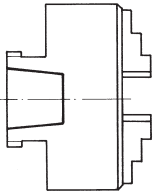
EG-ES

Tool group A09
Type 390 **3-jaw-chuck**
cast iron body
ASA B 5.9;
long taper,
mounting with union nut



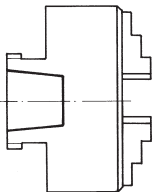
Item no.	Size	Mount long taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
109451	125	L00	32	2400	80	31
109452	160	L00	42	2000	110	47
109455	160	L0	42	2000	110	47
109456	200	L0	55	1600	140	55
109459	200	L1	55	1600	140	55
109457	250	L0	66	1300	150	63
109460	250	L1	76	1300	150	63
109461	315	L1	84,5	900	180	69
109464	315	L2	103	900	180	69
109462	400	L1	84,5	800	240	92
109465	400	L2	109	800	240	92
109468	500	L3	137	630	260	100
109469	630	L3	137	510	280	105

Tool group A09
Type 690 **3-jaw-chuck**
steel body ASA B 5.9;
long taper,
mounting with union nut



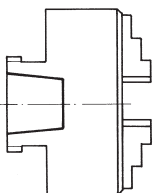
Item no.	Size	Mount long taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
111724	160	L00	42	3000	110	47
111726	160	L0	42	3000	110	47
111728	200	L0	55	2450	140	55
111730	200	L1	55	2450	140	55
111734	250	L0	66	2000	150	63
111736	250	L1	76	2000	150	63
111742	315	L1	84,5	1350	180	69
111744	315	L2	103	1350	180	69
111750	400	L1	84,5	1250	240	92
111752	400	L2	109	1250	240	92
111756	500	L3	137	800	260	100
111758	630	L3	137	700	280	105

Tool group A09
Type 490 **4-jaw-chuck**
cast iron body ASA B 5.9;
long taper,
mounting with union nut



Item no.	Size	Mount long taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
109470	125	L00	32	2400	80	31
109471	160	L00	42	2000	110	47
109474	160	L0	42	2000	110	47
109475	200	L0	55	1600	140	55
109478	200	L1	55	1600	140	55
109476	250	L0	66	1300	150	63
109479	250	L1	76	1300	150	63
109480	315	L1	84,5	900	180	69
109483	315	L2	103	900	180	69
109481	400	L1	84,5	800	240	92
109484	400	L2	109	800	240	92
109487	500	L3	137	630	260	100
109488	630	L3	137	510	280	105

Tool group A09
Type 890 **4-jaw-chuck**
steel body
ASA B 5.9;
long taper,
mounting with union nut



Item no.	Size	Mount long taper	Through-hole	Speed max. min-1	Torque Nm	Total Clamping force kN
112145	160	L00	42	3000	110	47
112147	160	L0	42	3000	110	47
112149	200	L0	55	2450	140	55
112151	200	L1	55	2450	140	55
112155	250	L0	66	2000	150	63
112157	250	L1	76	2000	150	63
112163	315	L1	84,5	1350	180	69
112165	315	L2	103	1350	180	69
112171	400	L1	84,5	1250	240	92
112173	400	L2	109	1250	240	92
112177	500	L3	137	800	260	100
112179	630	L3	137	700	280	105