

		Chuck size	160	200	250	
<p>outward stepped jaw <b>BB</b> for DURO A</p>		A	46	55	60	
		B	20	22	26	
		C max.	95	120	143,5	
		C min.	72	91	113	
		D	5	7	6	
		E	6	6	8	
		jaw approx.	kg	0,465	0,643	1,065
<p>inward stepped jaw <b>DB</b> for DURO A</p>		A	43	50	50	
		B	20	22	26	
		C max.	95	120	143,5	
		C min.	72	91	113	
		D	5	7	6	
		E	6	6	8	
		jaw approx.	kg	0,435	0,600	1,065
<p>unstepped soft top jaw <b>AB</b> for DURO A</p>		A	90	100	125	
		B	20,3	22	30	
		C	41	45	55	
		D	8	10	12	
		E	3	3,5	3,5	
		F	36,5	40	50	
		G	55	61	70	
		H	18	20	20	
		J	6	6	10	
		K	30	32	40	
		P	27,5	31	39	
		Q	9	9	14	
		R	15	15	20	
		S	M 8x1	M 8x1	M 12x1,5	
		U	19,5	23	27	
		jaw approx.	kg	0,435	0,800	1,500
<p>base jaw <b>GB</b> for DURO A</p>		A	74	90	110	
		B	20	22	26	
		C	17	19	26	
		D	18	20	20	
		E	5	5,5	5,5	
		F	8	10	12	
		G	2,5	7	7	
		H	6	20	20	
		J	7	6	10	
		K	M 8x1	M 8x1	M 12x1,5	
		L	32	32	40	
		M max.	105	127	148,5	
		M min.	91	103	125	
		jaw approx.	kg	0,335	0,365	0,700
<p>external chucking      internal chucking</p>		<b>Chucking capacities of jaw steps</b>				
		external chucking	A1	3-46	3-60	5-66
			A2	23-76	32-88	65-125
			A3	74-118	87-144	124-184
			A4	116-160	143-200	183-243
		internal chucking	J1	28-72	32-89	47-107
			J2	70-114	85-142	106-166
			J3	112-156	138-195	165-225

## Unfinished adapter plates

Tool group 08

Chuck size	Id.-No.	A	B	C	D	E	weight apr. kg	
<b>Type 004 for DURO-chucks with cylindrical center mount</b>								
125	017115	135	80	58	20	25	3,7	
160	206652	155	80	60	40	30	5,1	
200	206653	195	80	65	40	40	7,8	
250	206654	245	120	90	45	50	19	
314	206655	310	165	100	45	50	33	
400	229081	390	230	130	50	70	68	
500	241780	475	240	145	50	80	82	
630	on req.							

### Short-taper adapter plates

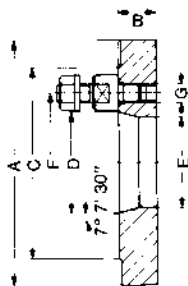
**Type 334**  
DIN 55029 and ASA B 5.9 D1  
with studs for camlock



With application of DURO-chucks  
use steel adapter-plate type 619

Ø A/taper	inch	Id.-No.	width B	approx. kg
<b>Type 334</b>				
100/3	4	106797	25	1,1
125/3	5	106798	25	1,9
125/4		106799	25	2,2
140/3	5 1/2	102674	25	2,7
140/4		102675	25	2,7
140/5		-		
160/3	6 1/4	102654	28	3,7
160/4		102652	28	3,6
160/5		102653	28	3,5
160/6		102655	28	3,9
200/4	8	102659	25	5,2
200/5		102656	33	6,6
200/6		102657	33	5,9
250/5	10	102662	38	12,4
250/6		102660	38	11,8
250/8		102661	38	12,5
315/5		112364	38	20,5
315/6	12 1/4	102663	38	19,5
315/8		102664	38	17,8
315/11		102665	44	17
350/6	14	-		
350/8		102672	45	26
350/11		102673	45	22,6
400/6	15 3/4	102668	36	30
400/8		102666	45	36,3
400/11		102667	45	32,6
500/8		102670	45	58,5
500/11	20	102669	45	55,4
500/15		107747	48	54
630/8	25	107746	45	96
630/11		102671	45	94,3
630/15		107748	48	93

fixing elements included in the scope of delivery

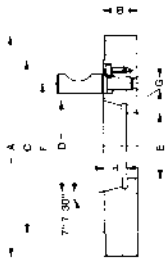


short-taper size	3	4	5	6	8	11	15
C	98	117	146	181	225	298	403
D	53,985	63,525	82,575	106,390	139,735	196,885	285,8
E	51,2	60,6	79,4	103	135,7	192,5	281
F	75 (70,66) <sup>1)</sup>	85 (82,55) <sup>1)</sup>	104,8	133,4	171,4	235	330,2
G DIN 55027	M10	M10	M10	M12	M16	M20	M24
G DIN 55029 UNF	7/16-20	7/16-20	1/2-20	5/8-18	3/4-16	7/8-14	1-14
setscrews	3	3	4	4	4	6	6
studs	3	3	4	4	4	6	6
camlock studs	3	3	6	6	6	6	6

1) Dimensions to DIN 55029 Camlock

## Short-taper adapter plates

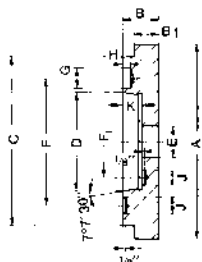
**Type 619-40**  
DIN 55027 and 55022  
with studs and locknuts



Ø A/taper	inch	Id.-No.	width B	bore E	approx. kg																																																												
<b>Type 619-40</b>																																																																	
125/3	5	319673	27	40	2,3																																																												
125/4		319674	28	40	2,2																																																												
160/3		6 1/4	319675	27	40	3,9																																																											
160/4	319676		28	40	3,9																																																												
160/5	8	319677	31	40	4,6																																																												
200/4		319678	28	50	6,4																																																												
200/5		319679	31	50	7,4																																																												
200/6	10	319680	36	50	8,4																																																												
250/4		319681	28	61	10,2																																																												
250/5		319682	31	63	11,6																																																												
250/6	12 1/4	319683	36	63	13,3																																																												
250/8		319684	39	63	13,8																																																												
315/5		319685	31	63	18,6																																																												
315/6	15 3/4	319686	36	63	21,5																																																												
315/8		319687	39	63	22,6																																																												
315/11		319688	45	63	25,2																																																												
400/6	20	319689	36	63	35																																																												
400/8		319690	39	63	37,2																																																												
400/11		319691	45	63	42																																																												
400/15	20	319692	50	63	42,1																																																												
500/8		319693	41	80	62																																																												
500/11		319694	45	80	67																																																												
500/15		319695	50	80	68																																																												
<table border="1"> <thead> <tr> <th>short-taper size</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>8</th> <th>11</th> <th>15</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>92,1</td> <td>117,5</td> <td>146</td> <td>181</td> <td>225,4</td> <td>298,4</td> <td>403</td> </tr> <tr> <td>D</td> <td>53,975</td> <td>63,513</td> <td>82,563</td> <td>106,375</td> <td>139,719</td> <td>196,869</td> <td>285,775</td> </tr> <tr> <td>F</td> <td>70,66</td> <td>82,55</td> <td>104,8</td> <td>133,4</td> <td>171,4</td> <td>235</td> <td>330,2</td> </tr> <tr> <td>G</td> <td>7/16-20</td> <td>7/16-20</td> <td>1/2-20</td> <td>5/8-18</td> <td>3/4-16</td> <td>7/8-14</td> <td>1-14</td> </tr> <tr> <td>H</td> <td>13</td> <td>13</td> <td>16</td> <td>17</td> <td>19</td> <td>21</td> <td>23</td> </tr> <tr> <td>studs for Camlock</td> <td>3</td> <td>3</td> <td>6</td> <td>6</td> <td>6</td> <td>6</td> <td>6</td> </tr> </tbody> </table>										short-taper size	3	4	5	6	8	11	15	C	92,1	117,5	146	181	225,4	298,4	403	D	53,975	63,513	82,563	106,375	139,719	196,869	285,775	F	70,66	82,55	104,8	133,4	171,4	235	330,2	G	7/16-20	7/16-20	1/2-20	5/8-18	3/4-16	7/8-14	1-14	H	13	13	16	17	19	21	23	studs for Camlock	3	3	6	6	6	6	6
short-taper size	3	4	5	6	8	11	15																																																										
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H	13	13	16	17	19	21	23																																																										
studs for Camlock	3	3	6	6	6	6	6																																																										

## Cast iron adapter plates

**Type 309**  
Short taper adapter plates  
with predrilled holes for DIN  
and ASA A1/A2/B1/B2/D1 camlock



Ø A/taper	inch	Id.-No.	bore E	approx. kg																																																											
<b>Type 309</b>																																																															
160/5	6 1/4	094100	42	4,0																																																											
200/5		094103	42	6,5																																																											
200/6	8	094104	55	7,3																																																											
250/6		094105	55	10,6																																																											
250/8	10	094106	76	13,3																																																											
315/6		094107	55	15,8																																																											
315/8	12 1/4	094108	76	20																																																											
400/8		131036	76	37																																																											
400/11	15 3/4	131037	125	32																																																											
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short-taper size	5	6	8	11																																																											
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