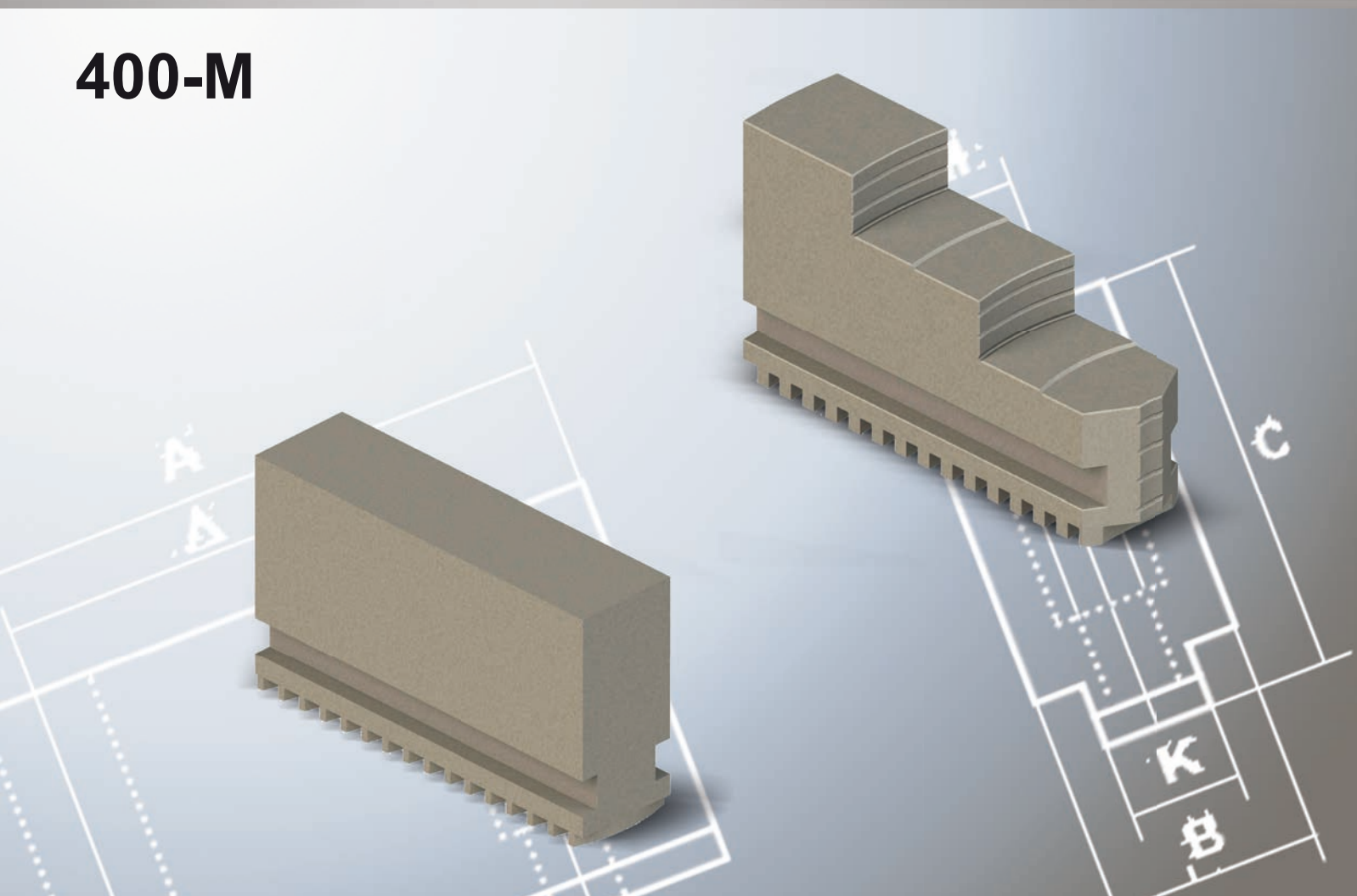


Weiche Spannbacken

Soft jaws

Mors doux

400-M





Allgemeine Hinweise:
General Instructions
Instructions générale:

Maße und Gewichtsangaben gelten für gegossene Körper

Dimensions and weights are for cast body
Dimensions et poids sont pour le corps moulé

Planscheiben ab Ø 450 mm sind inkl. T-Nuten

Independent chucks from Ø 450 mm incl. T-slots
Plateaux avec rainures en Té à partir de Ø 450 mm

Angaben ohne Gewähr, Irrtümer und technische Änderungen vorbehalten

All specifications without guarantee, errors and omissions expected, subject to change
Sous réserve d'erreur et de modification technique

1. Auflage April 2015

www.srw-amestra.de

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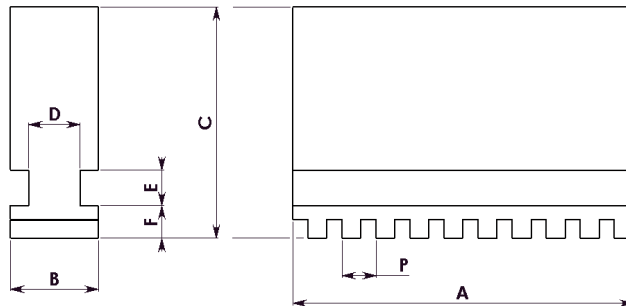
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Serrated top jaws		BERG - HOFMANN - PRATT	
Mors doux stries	3/32"x90°	AUTOBLOK - RÖHM - FORKARDT - SMW	13
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	1/16"x90°	GAMET MAC - GAMET GA	14
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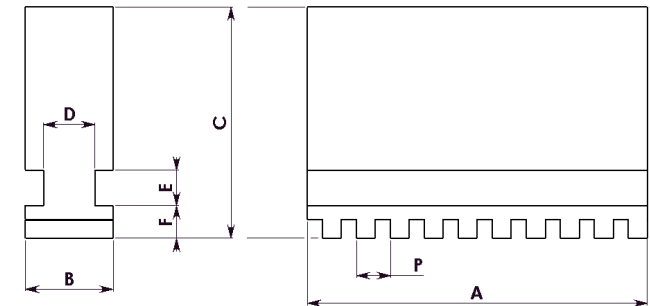
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AMESTRA
neue Ausführung
new line
nouveau modèle



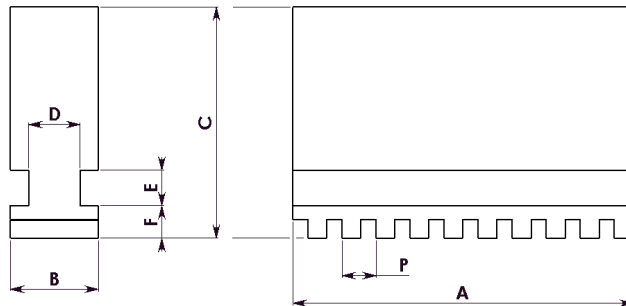
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100	40	12	40	7	6	6	6		401.108.000	401.108.001	401.119.000	401.119.001
125	50	20	43	11	8	8	6		401.109.000	401.109.001	401.120.000	401.120.001
160	60	19,8	48	11	8,4	7,6	8		401.110.000	401.110.001	401.121.000	401.121.001
200	78	26	59	15	10	10	8		401.111.000	401.111.001	401.122.000	401.122.001
250	100	25,8	68	15	10,4	9,6	10		401.112.000	401.112.001	401.123.000	401.123.001
315	120	32	78	21	12	12	10		401.113.000	401.113.001	401.124.000	401.124.001
350	130	38	88	21,5	12	11,3	10		401.114.000	401.114.001	401.125.000	401.125.001
400	130	38	88	21,5	12	11,3	10		401.115.000	401.115.001	401.126.000	401.126.001
500	158	42	98	28	14	13,3	12		401.116.000	401.116.001	401.127.000	401.127.001
600	158	50	108	35	14	13,3	12		401.117.000	401.117.001	401.128.000	401.128.001

AMESTRA
alte Ausführung
old line
ancien modèle

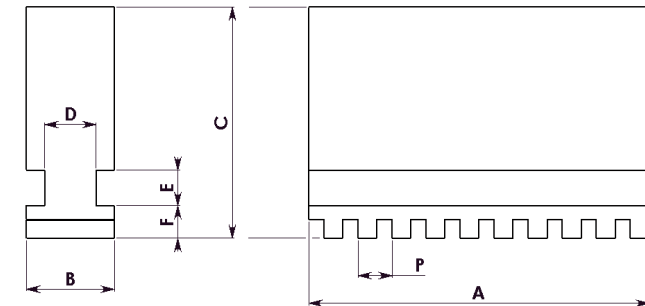


Diametre	Technische Daten - Technical data - Données techniques								Bestell-Nummer Order number Numéro de commande			
	A	B	C	D	E	F	P		3	3	4	4
160	60	23	50	15	8,5	8,3	7		480.160.000	480.160.001	480.160.500	480.160.501
200/215	78	28	58	18	10	9,3	8		480.200.000	480.200.001	480.200.500	480.200.501
250	96	33	68	19,5	12	10,3	8		480.250.000	480.250.001	480.250.500	480.250.501
250	96	33	58	19,5	12	10,3	10		480.251.000	480.251.001	480.251.500	480.251.501
300/315	108	38	78	21,5	12	11,3	10		480.315.000	480.315.001	480.315.500	480.315.501
350	130	38	88	21,5	12	11,3	10		401.114.000	401.114.001	401.125.000	401.125.001
390/400	130	38	88	21,5	12	11,3	10		401.114.000	401.114.001	401.125.000	401.125.001
500	158	42	98	28	14	13,3	12		401.116.000	401.116.001	401.127.000	401.127.001
600	158	50	108	35	14	13,3	12		401.117.000	401.117.001	401.128.000	401.128.001

**FPA
POLAND**



**LADNER
LA**

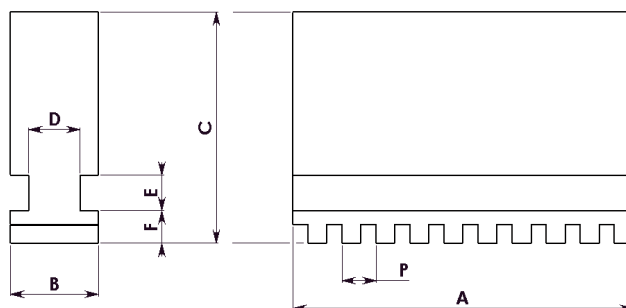


* alte Ausführung / old line / ancien modèle

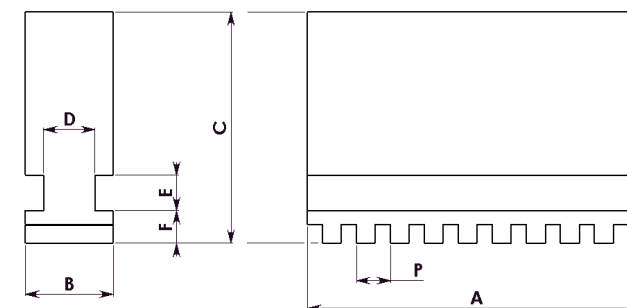
Diametre	Technische Daten - Technical data - Données techniques								Bestell-Nummer Order number Numéro de commande			
	A	B	C	D	E	F	P		3	3	4	4
80	32	11	28	6,3	6	6	4		401.000.000	401.000.001	401.010.000	401.010.001
* 80	32	11	28	6,3	6	6	5		402.000.000	402.000.001	402.010.000	402.010.001
100	40	15	34	8,3	6	6	6		401.001.000	401.001.001	401.011.000	401.011.001
*100	40	16	34	8,3	6	6	5		402.001.000	402.001.001	402.011.000	402.011.001
125	50	20	40	12	8	8	7		401.002.000	401.002.001	401.012.000	401.012.001
160	65	20	48	12	8	8	8		401.003.000	401.003.001	401.013.000	401.013.001
*160	65	20	48	12	8	8	7		402.003.000	402.003.001	402.013.000	402.013.001
200	78	25	58	14	10	9	8		401.004.000	401.004.001	401.014.000	401.014.001
*200	78	25	58	14	10	9	9		402.004.000	402.004.001	402.014.000	402.014.001
250	98	28	68	17	12	10	9		401.005.000	401.005.001	401.015.000	401.015.001
315	119	32	78	19	12	13	10		401.006.000	401.006.001	401.016.000	401.016.001
*315	119	32	70	19	12	13	11		402.006.000	402.006.001	402.016.000	402.016.001
400	136	36	88	22	14	15	12		401.007.000	401.007.001	401.017.000	401.017.001
*400	136	36	88	22	14	15	14,2		402.007.000	402.007.001	402.017.000	402.017.001
500	180	40	98	24	14	16	14,2		401.008.000	401.008.001	401.018.000	401.018.001
630	225	50	108	34	14	16	14,2		401.009.000	401.009.001	401.019.000	401.019.001

Diametre	Technische Daten - Technical data - Données techniques								Bestell-Nummer Order number Numéro de commande			
	A	B	C	D	E	F	P		3	3	4	4
80	30	12	30	5,5	5	4,3	4,5		491.107.000	491.107.001	491.118.000	491.118.001
102	40	14	40	7,2	6	5,8	5,5		491.108.000	491.108.001	491.119.000	491.119.001
125	50	18	43	10	8	7	6,5		491.109.000	491.109.001	491.120.000	491.120.001
155/160	61	20	48	12	9	8	7		491.110.000	491.110.001	491.121.000	491.121.001
200/215	78	23	58	14	10	9	9		491.111.000	491.111.001	491.122.000	491.122.001
250	96	25	68	15	12	10	9		491.112.000	491.112.001	491.123.000	491.123.001
300	108	28	78	17	13	10	9		491.113.500	491.113.501	491.124.500	491.124.501
315	115	33	78	19	13	10	9		491.113.000	491.113.001	491.124.000	491.124.001
350	130	37	88	21	14	11	10		491.114.000	491.114.001	491.125.000	491.125.001
400	130	37	88	21	14	11	10		491.115.000	491.115.001	491.126.000	491.126.001
500	162	48	98	30	15	13	12		491.116.000	491.116.001	491.127.000	491.127.001
630	203	48	108	31	15	15	12		491.117.000	491.117.001	491.128.000	491.128.001

**RÖHM
RO
CR**



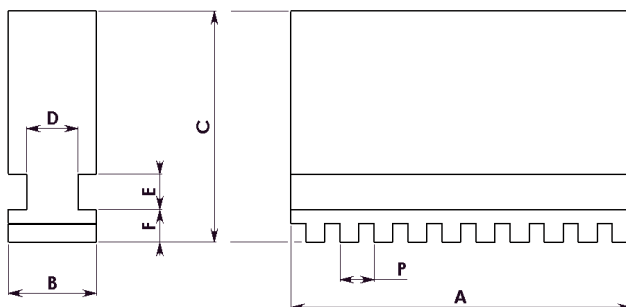
**CURIAL
HANDY**



Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande			
Diametre	A	B	C	D	E	F	P			3	3	4	4
80	37	12	28	5,7	4,5	4,8	4,5			481.107.000	481.107.001	481.118.000	481.118.001
100	48	14	38	7,5	6	6	6			481.108.000	481.108.001	481.119.000	481.119.001
125	52	18	40	10,5	7	7	6			481.109.000	481.109.001	481.120.000	481.120.001
140	60	18	48	10,5	7	8	6			481.110.500	481.110.501	481.121.500	481.121.501
160	60	18	48	10,5	7	8	8			481.110.000	481.110.001	481.121.000	481.121.001
200	78	20	58	11,5	8	8	8			481.111.000	481.111.001	481.122.000	481.122.001
250	96	24	68	15,5	10	10	10			481.112.000	481.112.001	481.123.000	481.123.001
315/400	130	34	78	21	15	11	10			481.113.000	481.113.001	481.124.000	481.124.001
500/630	190	42	98	28	15	14,9	10			481.116.000	481.116.001	481.128.000	481.128.001

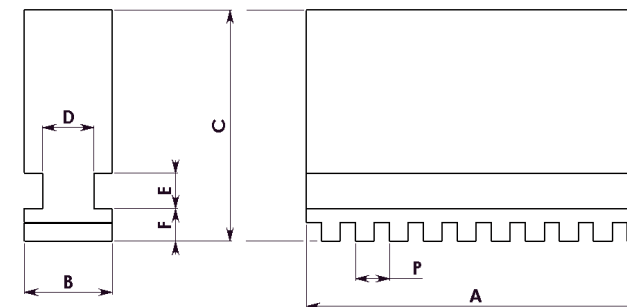
Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande			
Diametre	A	B	C	D	E	F	P			3	3	4	4
102	40	14	40	7,2	6	5,8	5,5			483.102.000	483.102.001		
125	50	18	45	10	8	7	6,5			483.125.000	483.125.001		
155	60	18	48	11,5	8	7,5	6,5			483.155.000	483.155.001		
155	60	22	48	11,5	8	7,5	6,5			483.155.500	483.155.501		
200	78	22	58	12,5	8	7,5	8			483.200.000	483.200.001		
215	88	25	68	15	10	9,5	8			483.215.000	483.215.001		
250	96	25	68	15	10	9,5	8			483.250.000	483.250.001		
250	96	30	68	15	12	9,5	8			483.250.500	483.250.501		
300	108	30	78	20	12	9,5	10			483.300.000	483.300.001		
350	130	35	88	24	14	11,5	12			483.400.000	483.400.001		
380	130	35	88	20	14	11,5	12			483.380.000	483.380.001		
400	130	35	88	24	14	11,5	12			483.400.000	483.400.001		

VACHETTE



Diametre	Technische Daten - Technical data - Données techniques								Bestell-Nummer Order number Numéro de commande			
	A	B	C	D	E	F	P		3	3	4	4
100	40	13	40	6,9	6,4	6	5		484.100.000	484.100.001		
100	40	13	40	6,9	6,4	6	6		484.100.060	484.100.061		
125	50	15	40	7,9	7,4	6	6,5		484.125.000	484.125.001		
155	60	17	48	9,7	8,4	7	7		484.155.000	484.155.001		
180	65	19	48	10,2	9,4	8	8		484.180.000	484.180.001		
200	78	21	58	11,4	9,4	8	8		484.200.000	484.200.001		
215	80	24	58	14,2	9,4	8	8		484.215.000	484.215.001		
250	96	24	68	14,2	12,4	9	9		484.250.000	484.250.001		
300	108	28	78	17,2	12,4	9,5	10		484.300.000	484.300.001		
300	108	32	78	17,2	12,4	9,5	10		484.300.500	484.300.501		
350	125	32	88	19,2	12,4	10,5	12		484.350.000	484.350.001		
400	130	36	88	22,2	12,4	11	12		484.400.000	484.400.001		

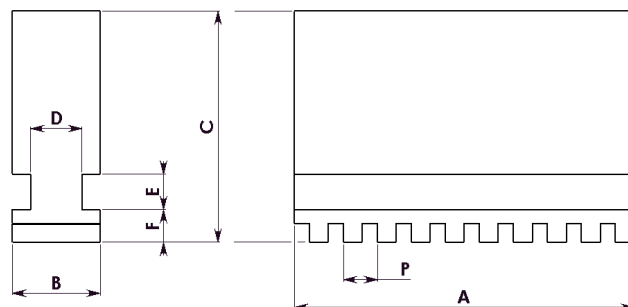
PRATT BURNERD neue Ausführung new line nouveau modèle



Diametre	Technische Daten - Technical data - Données techniques								Bestell-Nummer Order number Numéro de commande			
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80	35	10	30	4,0	5,1	6	6		482.001.000	482.001.001		
100	40	14	38	7	7,1	5,7	6		482.002.000	482.002.001		
125	50	16	38	9	7,1	5,9	6		482.003.000	482.003.001		
160	60	18	48	10	7,1	7	6		482.004.000	482.004.001		
200	80	22	58	12	8,1	9,8	8		482.005.000	482.005.001		
250	96	25	68	15	8,1	9,8	8		482.006.000	482.006.001		
315	115	32	78	16,2	12,1	11,9	10		482.007.000	482.007.001		
400	130	32	88	16	12,1	14,9	12		482.008.000	482.008.001		

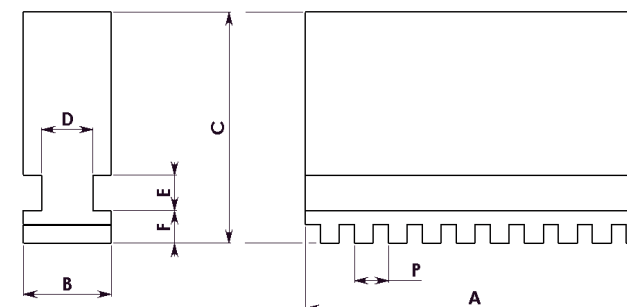
PRATT BURNERD

alte Ausführung
old line
ancien modèle



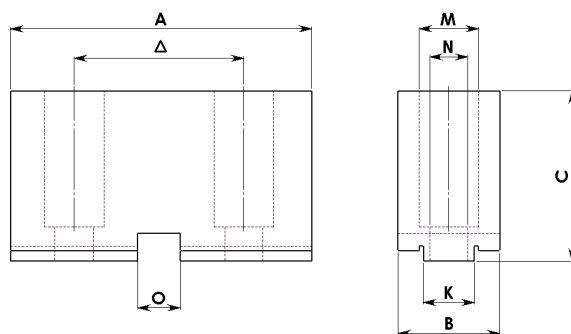
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Diametre	A	B	C	D	E	F	P	3	3	4	4
70	32	9,26	30	5,2	4,8	4,5	4,23	482.070.000	482.070.001		
76/ levier	32	9,38	30	4,7	3,2	4,5	4,23	482.076.000	482.076.001		
82	35	9,38	30	5,2	4,8	4,5	4,23	482.082.000	482.082.001		
102/ levier	40	14,10	40	8,4	4,83	4,95	4,23	482.102.000	482.102.001		
100/102	40	14,10	40	8,4	4,83	4,95	5,08	482.100.000	482.100.001		
125/127	52	15,74	43	10,2	8,02	6,9	6,35	482.125.000	482.125.001		
153/160	60	18,84	48	11,4	8,03	6,7	6,35	482.160.000	482.160.001		
200	78	20,62	58	10,8	9,54	8,7	8,46	482.200.000	482.200.001		
190/230	78	25,01	58	14,6	9,68	8,58	8,46	482.230.000	482.230.001		
250	96	25,40	68	15,8	11,11	9,5	8,46	482.250.000	482.250.001		
270/305	108	31,36	78	17,7	12,88	8,58	8,46	482.305.000	482.305.001		
315	115	28,18	78	16,5	12,9	9,5	8,46	482.315.000	482.315.001		
380	130	30,22	88	17,4	11,45	9,4	10,16	482.380.000	482.380.001		
460/610	162	38,11	98	22	14,27	12,7	12,70	482.460.000	482.460.001		

TOS



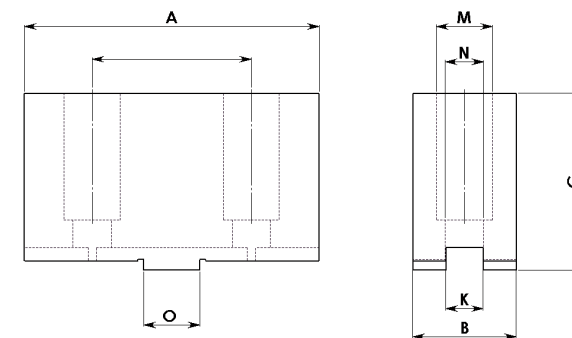
	Technische Daten - Technical data - Données techniques							Bestell-Nummer Order number Numéro de commande			
Diametre	A	B	C	D	E	F	P	3	3	4	4
80	35	10	30	4,5	5	6	6	482.101.000	482.101.001		
100	43	14	35	6,8	7	6	6	482.102.500	482.102.501		
125	50	16	40	8,4	7	5,9	6	482.103.000	482.103.001		
160	65	18	48	10	7	7,4	6	482.104.000	482.104.001		
200	78	22	58	12	8	9,8	8	482.105.000	482.105.001		
250	96	25	68	15	8	10	8	482.106.000	482.106.001		
300	115	32	78	16	12	12	10	482.107.000	482.107.001		
400	130	32	88	16	12	15	12	482.108.000	482.108.001		

AMESTRA
alte Ausführung
old line
ancien modèle



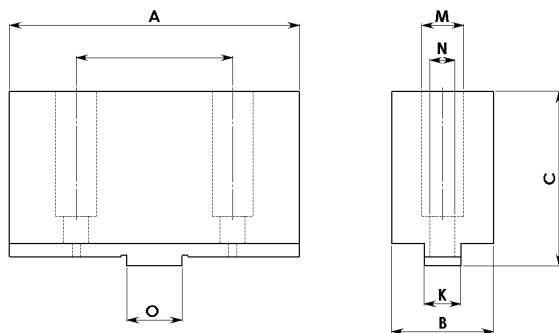
Technische Daten - Technical data - Données techniques									Bestell-Nummer Order number Numéro de commande			
Diametre	A	B	C	K	M	N	O	Δ	3	3	4	4
160	78	25	40	12	14	9	10	40	471.001.000		471.001.500	
200/215	98	29	50	14	14	9	16	50	471.002.000		471.002.500	
250	108	34	60	16	17	11	20	60	471.003.000		471.003.500	
300/315	122	39	60	18	20	13	20	66	471.004.000		471.004.500	
350/400	148	39	68	18	23	15	20	80	471.005.000		471.005.500	
500	158	50	78	20	23	15	25	105	471.006.000		471.006.500	
600	158	50	78	25	25	17,5	25	105	471.007.000		471.007.500	
630/800	207	55	95	-	25	17,5	20	50	401.246.		401.253.	
1000/1600	170	70	95	-	33	22	20	50	401.249.		401.256.	

ISO
AMESTRA
RÖHM



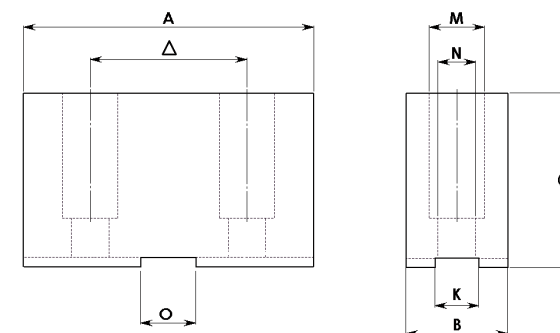
Technische Daten - Technical data - Données techniques									Bestell-Nummer Order number Numéro de commande			
Diametre	A	B	C	K	M	N	O	Δ	3	4		
100	50	14	30	7,94	10	6,5	9,5	24	401.174.000	401.186.000		
125	60	25	40	7,94	13	9	12,7	24	401.060.000	401.068.000		
160	78	25	40	7,94	13	9	12,7	38,1	401.176.000	401.188.000	Amestra - Röhm	
160	78	25	40	7,94	17	11	12,7	38,1	401.061.000	401.069.000		
200/215	98	30	50	7,94	13	9	12,7	44,4	401.177.000	401.189.000	Amestra - Röhm	
200/215	98	30	50	7,94	17	11	12,7	44,4	401.062.000	401.070.000		
250	108	35	60	12,7	20	13	19,02	54	401.063.000	401.071.000		
315	122	40	60	12,7	20	13	19,02	63,5	401.064.000	401.072.000		
350/400	148	40	68	12,7	25	17	19,02	76,2	401.065.000	401.073.000		
500/630	160	50	80	12,7	31	21	19,02	76,2	401.066.000	401.074.000		

CURIAL HANDY



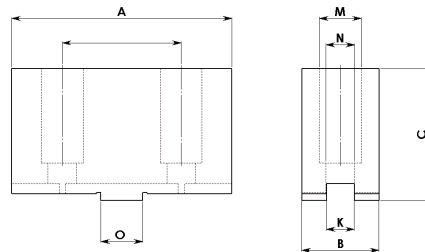
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Diametre	A	B	C	K	M	N	O	Δ	3			
155	80	25	40	12	14	9	12	30	471.101.000			
200	90	30	50	12	17	11	12	35	471.102.000			
215	100	30	50	16	20	13	16	40	471.103.000			
250/300	108	30	50	16	20	13	16	40	471.104.000			
350/400	140	35	60	20	23	15	20	60	471.105.000			
500	160	40	68	20	23	15	20	60	471.106.000			

VACHETTE

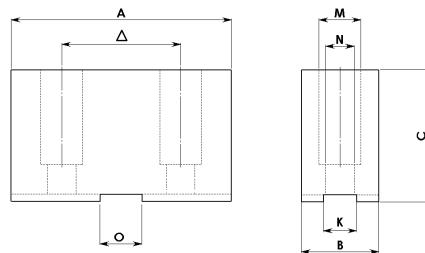


	Technische Daten - Technical data - Données techniques								Bestell-Nummer Order number Numéro de commande			
Diametre	A	B	C	K	M	N	O	Δ	3			
155	67	20	40	9	11	6,5	9	24	471.201.000			
180/200	86	25	40	12	14	8,5	12	32	471.202.000			
250/300	120	30	50	14	17,5	10,5	14	48	471.203.000			
350/400	136	40	60	16	21,5	12,5	16	60	471.204.000			
500	180	75	75	25	24	14,5	25	90	471.205.000			

FORKARDT Typ F
GAMET Typ MX
RÖHM Typ DURO
SMW Typ KNCS
REISHAUER Typ RHU
BERG Typ KHNC



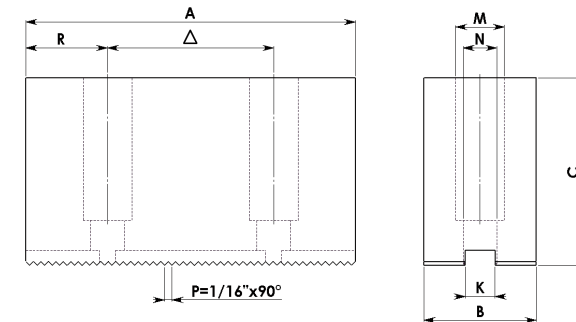
Type 2



Type 1

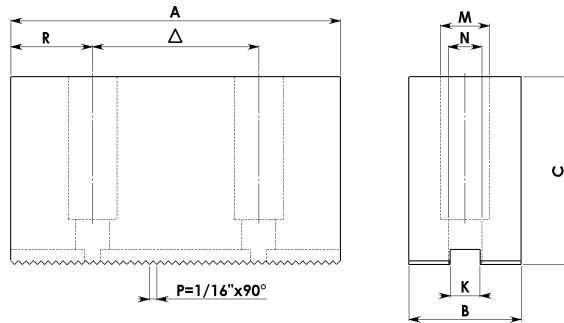
Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande		
Diametre	A	B	C	D	E	F	P	F	P	type		3
100	46	18	28	11	10	5,5	5	13	19	1		474.100.000
125	55	20	34	14	11	6,5	5	17	20	1		474.125.000
140	69	20	40	8	13,5	9	18	18	32	2		474.140.000
160/175	85	20	40	8	13,5	9	18	18	32	2		474.160.000
200/225	105	25	50	10	13,5	9	20	25	40	2		474.200.000
250/260	125	35	60	12	20	13	20	25	40	2		474.250.000
315/360	145	35	60	12	20	13	26	31	54	2		474.315.000
400	180	50	80	18	26	17	30	35	60	2		474.400.000
500	220	60	88	18	26	17	40	40	76	2		474.500.000
630	260	65	115	24	32	21	40	50	82	2		474.630.000

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BERG
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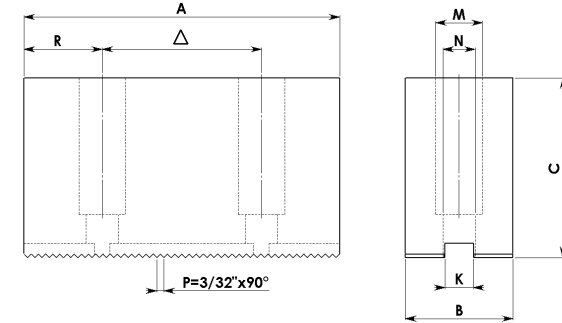
Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande		
Diametre	A	B	C	K	M	N	R	Δ	 P 1,587mm		3	3
140/160	70	25	45	10	17	11	13	19	M10 1/16"x90°		472.100.000	472.100.001
125	70	25	45	11	14	9	21	18	M8 1/16"x90°		472.118.000	472.118.001
125/160	60	30	40	12	14	9	15	16	M8 1/16"x90°		472.128.000	472.128.001
130/140	60	30	50	12	17	11	12	19	M10 1/16"x90°		472.120.000	472.120.001
175/200	90	30	60	12	19	13	14	21	M12 1/16"x90°		472.122.000	472.122.001
165/170	70	35	35	14	17	11	16	16	M10 1/16"x90°		472.140.000	472.140.001
	70	40	60	14	17	11	16	16	M10 1/16"x90°		472.140.060	472.140.061
160/175	70	30	50	14	19	13	15	21	M12 1/16"x90°		472.142.000	472.142.001
250/315	110	40	60	16	25	17	18	29	M16 1/16"x90°		472.166.000	472.166.001
200	75	30	50	17	17	11	12	22	M10 1/16"x90°		472.170.000	472.170.001
160	70	40	40	17	19	13	15	22	M12 1/16"x90°		472.172.200	472.172.201
200/210	90	40	40	17	19	13	20	23	M12 1/16"x90°		472.172.000	472.172.001
	90	40	60	17	19	13	20	23	M12 1/16"x90°		472.172.060	472.172.061
	90	40	80	17	19	13	20	23	M12 1/16"x90°		472.172.080	472.172.081

AUTOBLOK
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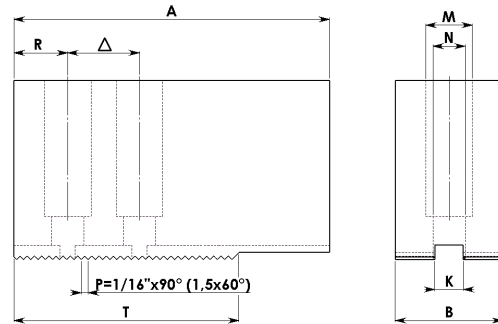
	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	R	Δ		P 1,587mm		
200/250	90	40	60	17	19	13	12	19	M12	1/16"x90°		472.172.560 472.172.561
250/315	105	40	60	21	19	13	14	25	M12	1/16"x90°		472.212.000 472.212.001
	105	40	60	21	19	13	18	30	M12	1/16"x90°		472.212.500 472.212.501
315	95	50	50	21	25	17	15	30	M16	1/16"x90°		472.216.500 472.216.501
200/250	110	45	45	21	25	17	20	30	M16	1/16"x90°		472.216.000 472.216.001
305/315	120	50	50	21	25	17	30	30	M16	1/16"x90°		472.216.050 472.216.051
	120	50	80	21	25	17	30	30	M16	1/16"x90°		472.216.080 472.216.081
400	140	60	60	21	25	17	25	30	M16	1/16"x90°		472.216.600 472.216.601
300/315	120	60	60	25,5	32	21	22	35	M20	1/16"x90°		472.250.000 472.250.001
	140	60	90	25,5	32	21	30	35	M20	1/16"x90°		472.250.090 472.250.091

AUTOBLOK
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FORKARDT
SMW
BERG
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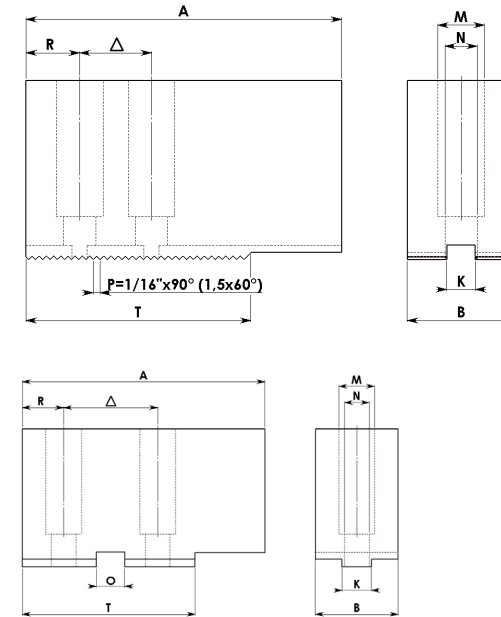
	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	R	Δ		P 2,38mm		
400/500	155	60	60	25,5	32	21	30	35	M20	3/32"x90°		473.250.000 473.250.001
	155	60	100	25,5	32	21	30	35	M20	3/32"x90°		473.250.100 473.250.101
400/500	130	50	80	25,5	32	21	20	31	M20	3/32"x90°		473.250.580 473.250.581
500/630	160	70	75	28	32	21	25	38	M20	3/32"x90°		473.280.080 473.280.081
	170	60	60	28	32	21	27	35	M20	3/32"x90°		473.280.060 473.280.061

GAMET MAC



Technische Daten - Technical data - Données techniques											Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	R	Δ	T	P 1,587mm		
132	64	25	30	11	14	9	10	18	40	1/16"x90°		477.132.000 477.132.001
165/170	75	30	30	14	17	11	10	20	60	1/16"x90°		477.165.000 477.165.001
200/220	95	35	45	17	19	13,5	13	25	73	1/16"x90°		477.200.000 477.200.001
250	119	50	50	21	25	17	16	32	92	1/16"x90°		477.250.000 477.250.001
315	150	50	50	21	25	17	16	38	106	1/16"x90°		477.315.000 477.315.001
380	182	60	60	25,5	31	21	25	42	126	1/16"x90°		477.380.000 477.380.001

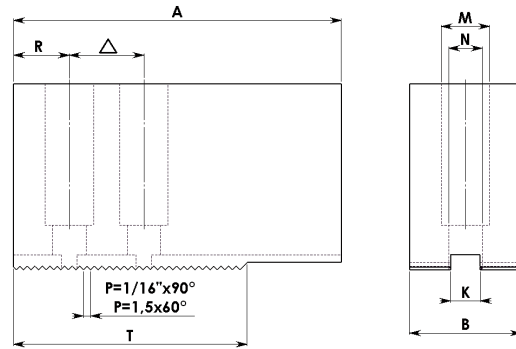
GAMET G.A.



Technische Daten - Technical data - Données techniques											Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	R	Δ	T	P 1,587mm		
110	50	25	26	10	11	7	6,5	12	37	1,5x60°		475.110.000 475.110.001
130/140	60	25	30	11	14	9	10	15	46	1/16"x90°		477.130.100 477.130.101
160/170	75	30	30	14	17	11	10	18	56	1/16"x90°		477.160.100 477.160.101
210	90	40	40	17	19	13,5	20	20	62	1/16"x90°		477.210.100 477.210.101
250	110	40	50	21	25	17	14	26	80	1/16"x90°		477.250.100 477.250.101
315	140	50	50	21	25	17	15	31	92	1/16"x90°		477.315.100 477.315.101

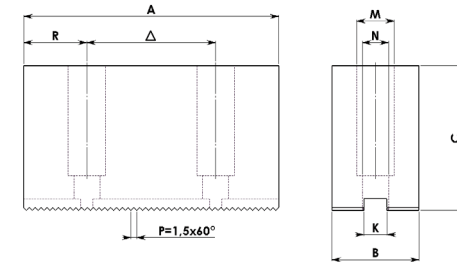
GAMET STANDARD

1,5 x 60° - 1/16" x 90°



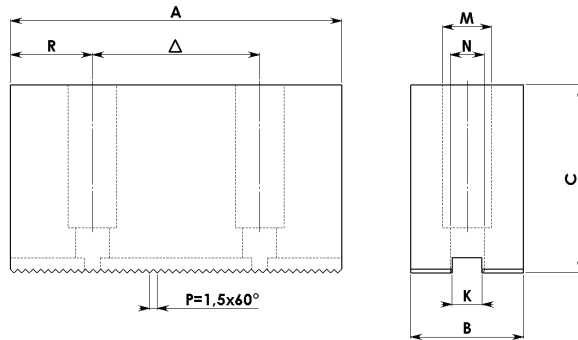
	Technische Daten - Technical data - Données techniques											Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	R	Δ	T	P 1,50mm	P 1,587mm		
105	52	20	30	10	14	9	8	15	32	1,5x60°		475.105.000	475.105.001
											1/16"x90°	476.105.000	476.105.001
130	63	25	40	11	14	9	10	18	40	1,5x60°		475.130.000	475.130.001
											1/16"x90°	476.130.000	476.130.001
160/170	80	27	34	11	14	9	9	20+20	58	1,5x60°		475.160.000	475.160.001
											1/16"x90°	476.160.000	476.160.001
215	102	34	44	14	17	11	10	22+22	64	1,5x60°		475.215.000	475.215.001
											1/16"x90°	476.215.000	476.215.001
250/280	130	50/44	50	20	20	13	13	30+30	86	1,5x60°		475.250.000	475.250.001
											1/16"x90°	476.250.000	476.250.001
350	170	49	58	21	25	17	22	40+40	112	1,5x60°		475.350.000	475.350.001
											1/16"x90°	476.350.000	476.350.001
450	220	69	80	30	31	21	25	50+50	150	1,5x60°		475.450.000	475.450.001
											1/16"x90°	476.450.000	476.450.001

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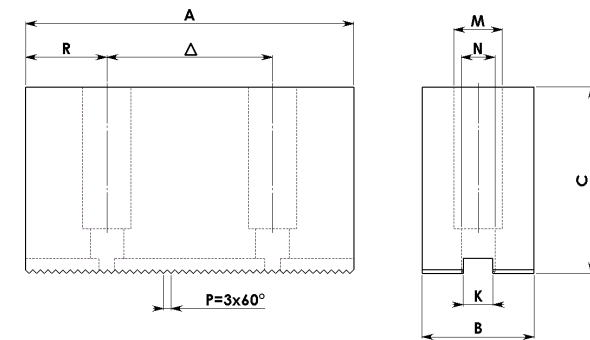
Technische Daten - Technical data - Données techniques											Bestell-Nummer Order number Numéro de commande		
Diametre	A	B	C	K	M	N	R	Δ		P 1,50mm			
110	48	25	25	8	11	6,5	8	15	M6	1,5x60°		478.086.000	478.086.001
110/135	54	25	30	10	14	9	8	14	M8	1,5x60°		478.108.000	478.108.001
135	60	25	30	10	14	9	8	19	M8	1,5x60°		478.108.500	478.108.501
110/135	50	25	30	11	14	9	8	16	M8	1,5x60°		478.118.000	478.118.001
135	60	25	30	11	14	9	8	19	M8	1,5x60°		478.118.500	478.118.501
165/168	77	35	35	11	14	9	17	20	M8	1,5x60°		478.118.600	478.118.601
	77	30	60	11	14	9	17	20	M8	1,5x60°		478.118.660	478.118.661
160/170	72	30	40	12	17	11	15	20	M10	1,5x60°		478.120.000	478.120.001
	72	30	60	12	17	11	15	20	M10	1,5x60°		478.120.060	478.120.061
215	90	34	60	14	17	11	20	25	M10	1,5x60°		478.140.000	478.140.001
200/210	100	34	44	14	19	13	20	25	M12	1,5x60°		478.142.000	478.142.001
	90	34	60	14	19	13	20	25	M12	1,5x60°		478.142.060	478.142.061
	90	34	80	14	19	13	20	25	M12	1,5x60°		478.142.080	478.142.081
210/254	110	40	50	16	19	13	20	25	M12	1,5x60°		478.162.000	478.162.001
	110	40	60	16	19	13	20	25	M12	1,5x60°		478.162.060	478.162.061
	110	40	80	16	19	13	20	25	M12	1,5x60°		478.162.080	478.162.081
250/254	110	40	48	16	19	13	20	30	M12	1,5x60°		478.162.500	478.162.501
	110	40	60	16	19	13	25	30	M12	1,5x60°		478.162.560	478.162.561
	110	40	80	16	19	13	25	30	M12	1,5x60°		478.162.580	478.162.581

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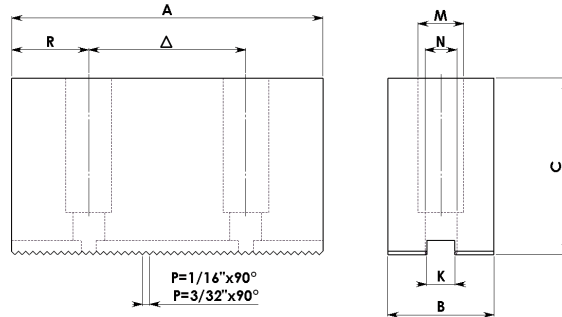
	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	R	Δ		P 1,50mm		
300/304	130	50	50	18	22	15	30	30	M14	1,5x60°	478.184.000	478.184.001
	130	50	80	18	22	15	30	30	M14	1,5x60°	478.184.080	478.184.081
304	130	50	50	21	25	17	30	30	M16	1,5x60°	478.216.000	478.216.001
	130	50	80	21	25	17	30	30	M16	1,5x60°	478.216.080	478.216.081
304	110	50	80	21	25	17	25	35	M16	1,5x60°	478.216.500	478.216.501
381/454	160	60	80	22	32	21	37	43	M20	1,5x60°	478.220.000	478.220.001
381/530	156	60	80	22	32	21	36	60	M20	1,5x60°	478.220.500	478.220.501
381/450	135	50	60	25,5	32	21	26	43	M20	1,5x60°	478.250.000	478.250.001
	135	50	80	25,5	32	21	26	43	M20	1,5x60°	478.250.080	478.250.081

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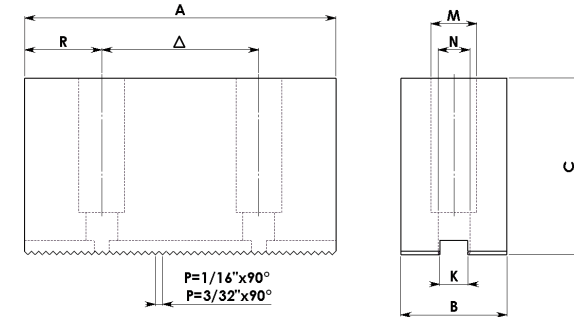
	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	R	Δ		P 3,00mm		
210	90	34	44	14	19	13	20	25	M12	3x60°	479.142.000	479.142.001
	90	34	60	14	19	13	20	25	M12	3x60°	479.142.060	479.142.061
254	110	45	45	16	19	13	20	30	M12	3x60°	479.162.000	479.162.001
304	130	50	50	18	22	15	30	30	M14	3x60°	479.184.000	479.184.001
304/381	126	50	58	21	25	17	26	40	M16	3x60°	479.216.000	479.216.001
381/454	156	65	68	22	32	21	34	50	M20	3x60°	479.220.000	479.220.001
530	195	65	68	25	32	21	50	60	M20	3x60°	479.250.000	479.250.001
610	210	75	98	25	32	21	60	60	M20	3x60°	479.250.500	479.250.501
381	138	60	80	26	32	21	30	42	M20	3x60°	479.260.000	479.260.001
381/610	156	65	68	26	32	21	34	50	M20	3x60°	479.260.500	479.260.501

AUTOBLOK



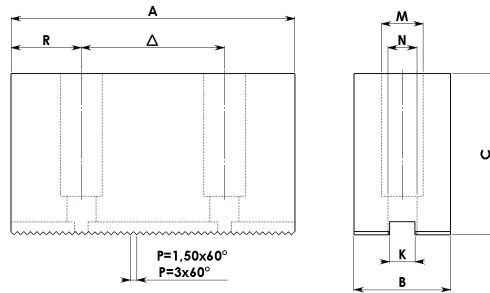
Diametre	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
	A	B	C	K	M	N	R	Δ		P 1,587mm 2,38mm	3	3
125/150	60	30	40	12	14	9	15	16	M8	1/16"x90°	472.128.000	472.128.001
165/170	70	35	35	14	17	11	16	16	M10	1/16"x90°	472.140.000	472.140.001
	70	40	60	14	17	11	16	16	M10	1/16"x90°	472.140.060	472.140.061
200/210	90	40	40	17	19	13	20	23	M12	1/16"x90°	472.172.000	472.172.001
	90	40	60	17	19	13	20	23	M12	1/16"x90°	472.172.060	472.172.061
	90	40	80	17	19	13	20	23	M12	1/16"x90°	472.172.080	472.172.081
200/250	110	45	45	21	25	17	20	30	M16	1/16"x90°	472.216.000	472.216.001
305/315	120	50	50	21	25	17	30	30	M16	1/16"x90°	472.216.050	472.216.051
	120	50	80	21	25	17	30	30	M16	1/16"x90°	472.216.080	472.216.081
400	140	60	60	21	25	17	25	30	M16	1/16"x90°	472.216.600	472.216.601
250/315	120	60	60	25,5	32	21	22	35	M20	1/16"x90°	472.250.000	472.250.001
	140	60	90	25,5	32	21	30	35	M20	1/16"x90°	472.250.090	472.250.091
400/630	155	60	60	25,5	32	21	30	35	M20	3/32"x90°	473.250.000	473.250.001
	155	60	100	25,5	32	21	30	35	M20	3/32"x90°	473.250.100	473.250.101
500/800	160	70	75	28	32	21	25	38	M20	3/32"x90°	473.280.080	473.280.081
	170	60	60	28	32	21	27	35	M20	3/32"x90°	473.280.060	473.280.061

FORKARDT



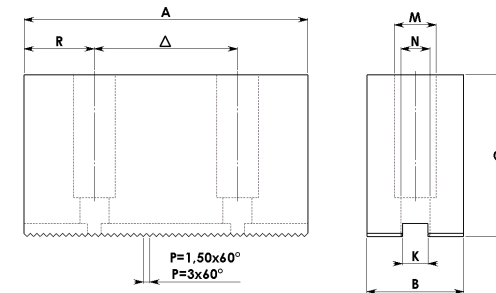
Diametre	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
	A	B	C	K	M	N	R	Δ		P 1,587mm 2,38mm	3	3
160	70	40	40	17	19	13	15	22	M12	1/16"x90°	472.172.200	472.172.201
	70	40	60	17	19	13	15	22	M12	1/16"x90°	472.172.260	472.172.261
200	90	40	40	17	19	13	20	23	M12	1/16"x90°	472.172.000	472.172.001
	90	40	60	17	19	13	20	23	M12	1/16"x90°	472.172.060	472.172.061
	90	40	80	17	19	13	20	23	M12	1/16"x90°	472.172.080	472.172.081
250/315	95	50	58	21	25	17	15	30	M16	1/16"x90°	472.216.500	472.216.501
	120	50	50	21	25	17	30	30	M16	1/16"x90°	472.216.050	472.216.051
	120	50	80	21	25	17	30	30	M16	1/16"x90°	472.216.080	472.216.081
300/400	120	60	60	25,5	32	21	22	35	M20	1/16"x90°	472.250.000	472.250.001
	140	60	90	25,5	32	21	30	35	M20	1/16"x90°	472.250.090	472.250.091
400/630	155	60	60	25,5	32	21	30	35	M20	3/32"x90°	473.250.000	473.250.001
	155	60	100	25,5	32	21	30	35	M20	3/32"x90°	473.250.100	473.250.101

**KITAGAWA
MATSUMOTO**



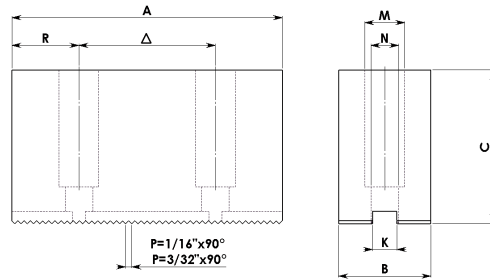
Diametre	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
	A	B	C	K	M	N	R	Δ		P 1,50mm 3,00mm		
110	48	25	25	8	11	6,5	8	15	M6	1,5x60°	478.086.000	478.086.001
110	54	25	30	10	14	9	8	14	M8	1,5x60°	478.108.000	478.108.001
135	60	25	30	10	14	9	8	19	M8	1,5x60°	478.108.500	478.108.501
168	77	35	35	11	14	9	17	20	M8	1,5x60°	478.118.600	478.118.601
	77	30	60	11	14	9	17	20	M8	1,5x60°	478.118.660	478.118.661
165	72	30	40	12	17	11	15	20	M10	1,5x60°	478.120.000	478.120.001
	72	30	60	12	17	11	15	20	M10	1,5x60°	478.120.060	478.120.061
210	100	34	44	14	19	13	20	25	M12	1,5x60°	478.142.000	478.142.001
	90	34	60	14	19	13	20	25	M12	1,5x60°	478.142.060	478.142.061
	90	34	80	14	19	13	20	25	M12	1,5x60°	478.142.080	478.142.081
254	110	40	48	16	19	13	20	30	M12	1,5x60°	478.162.500	478.162.501
	110	40	60	16	19	13	25	30	M12	1,5x60°	478.162.560	478.162.561
	110	40	80	16	19	13	25	30	M12	1,5x60°	478.162.580	478.162.581
304	130	50	50	18	22	15	30	30	M14	1,5x60°	478.184.000	478.184.001
	130	50	80	18	22	15	30	30	M14	1,5x60°	478.184.080	478.184.081
304	130	50	50	21	25	17	30	30	M16	1,5x60°	478.216.000	478.216.001
381	160	60	80	22	32	21	37	43	M20	1,5x60°	478.220.000	478.220.001
530	195	65	68	25	32	21	50	60	M20	3x60°	479.250.000	479.250.001
610	210	75	98	25	32	21	60	60	M20	3x60°	479.250.500	479.250.501

HOWA



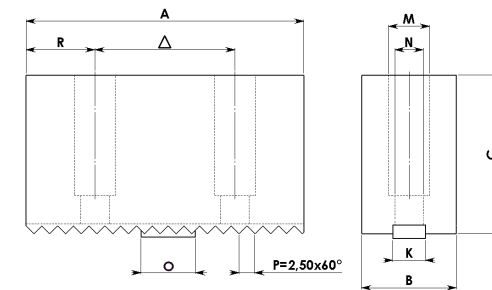
Diametre	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
	A	B	C	K	M	N	R	Δ		P 1,50mm 3,00mm		
110	54	25	30	10	14	9	8	14	M8	1,5x60°	478.108.000	478.108.001
135	60	25	30	10	14	9	8	19	M8	1,5x60°	478.108.500	478.108.501
110/135	50	25	30	11	14	9	8	16	M8	1,5x60°	478.118.000	478.118.001
135	60	25	30	11	14	9	8	19	M8	1,5x60°	478.118.500	478.118.501
165	72	30	40	12	17	11	15	20	M10	1,5x60°	478.120.000	478.120.001
	72	30	60	12	17	11	15	20	M10	1,5x60°	478.120.060	478.120.061
200/210	100	34	44	14	19	13	20	25	M12	1,5x60°	478.142.000	478.142.001
	90	34	60	14	19	13	20	25	M12	1,5x60°	478.142.060	478.142.061
	90	34	80	14	19	13	20	25	M12	1,5x60°	478.142.080	478.142.081
210/254	110	40	50	16	19	13	20	25	M12	1,5x60°	478.162.000	478.162.001
	110	40	60	16	19	13	20	25	M12	1,5x60°	478.162.060	478.162.061
	110	40	80	16	19	13	20	25	M12	1,5x60°	478.162.080	478.162.081
254/304	130	50	50	18	22	15	30	30	M14	1,5x60°	478.184.000	478.184.001
	130	50	80	18	22	15	30	30	M14	1,5x60°	478.184.080	478.184.081
304	110	50	80	21	25	17	25	35	M16	1,5x60°	478.216.500	478.216.501
254	110	45	45	16	19	13	20	30	M12	3x60°	479.162.000	479.162.001
304	130	50	50	18	22	15	30	30	M14	3x60°	479.184.000	479.184.001
381	126	50	58	21	25	17	26	40	M16	3x60°	479.216.000	479.216.001
381/610	156	65	68	26	32	21	34	50	M20	3x60°	479.260.500	479.260.501

RÖHM

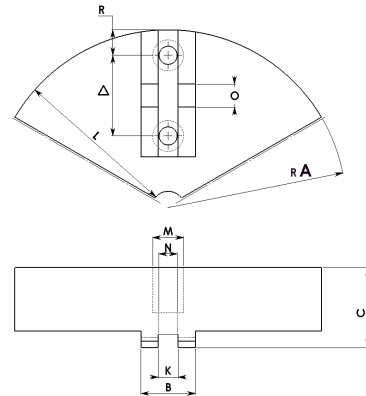


	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	R	Δ		P 1,587mm 2,38mm		
130/160	60	30	40	12	14	9	15	16	M8	1/16"x90°	472.128.000	472.128.001
160	70	40	40	17	19	13	15	22	M12	1/16"x90°	472.172.200	472.172.201
	70	40	60	17	19	13	15	22	M12	1/16"x90°	472.172.260	472.172.261
200	90	40	40	17	19	13	20	23	M12	1/16"x90°	472.172.000	472.172.001
	90	40	60	17	19	13	20	23	M12	1/16"x90°	472.172.060	472.172.061
	90	40	80	17	19	13	20	23	M12	1/16"x90°	472.172.080	472.172.081
250/315	95	50	58	21	25	17	15	25	M16	1/16"x90°	472.216.500	472.216.501
	120	50	50	21	25	17	30	30	M16	1/16"x90°	472.216.050	472.216.051
	120	50	80	21	25	17	30	30	M16	1/16"x90°	472.216.080	472.216.081
400/500	155	60	60	25,5	32	21	30	35	M20	3/32"x90°	473.250.000	473.250.001
	155	60	100	25,5	32	21	30	35	M20	3/32"x90°	473.250.100	473.250.101

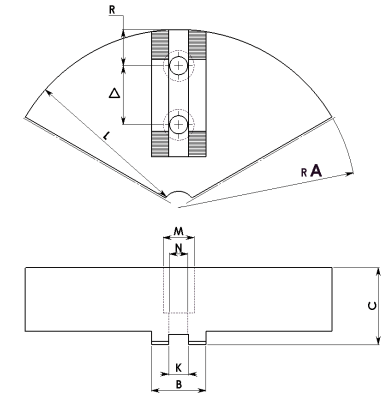
LADNER STRIÉ



	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
Diametre	A	B	C	K	M	N	O	R	Δ	P 2,50mm		
155/160	70	23	38	6	14	9	15	22,5	25	2,5x60°	492.155.000	—
	75	42	38	6	14	9	15	25	25	2,5x60°	492.155.500	492.155.700
200/215	92	28	48	8	17	11	18	31	30	2,5x60°	492.200.000	—
	92	52	48	8	17	11	18	31	30	2,5x60°	492.200.500	492.200.700
250	112	35	55	10	19	13	25	36	40	2,5x60°	492.250.000	—
	112	57	58	10	19	13	25	36	40	2,5x60°	492.250.500	492.250.700
300	122	35	55	10	19	13	25	41	40	2,5x60°	492.300.000	—
	122	58	58	10	19	13	25	41	40	2,5x60°	492.300.500	492.300.700
350	125	38	58	12	22	15	33	49	50	2,5x60°	492.350.000	—
375/400	140	38	68	12	22	15	33	64	50	2,5x60°	492.375.000	—



SEGMENTBACKEN spitzverzahnt
WRAP AROUND JAWS serrated
MORS ENVELOPPANTS striés

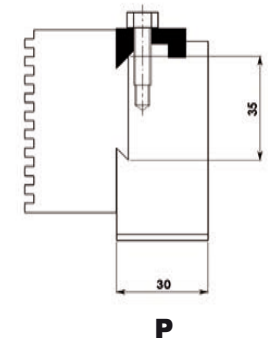
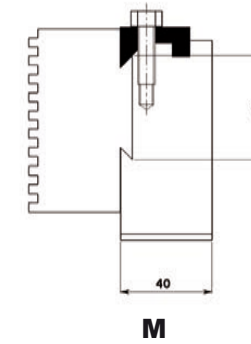
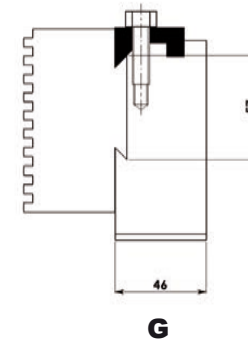
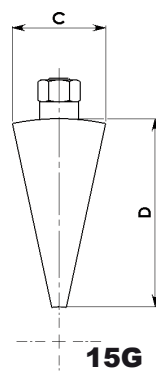
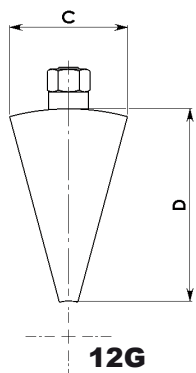
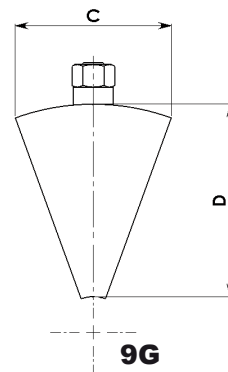
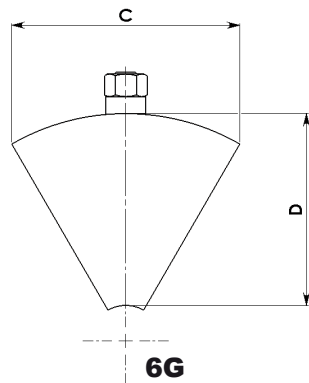
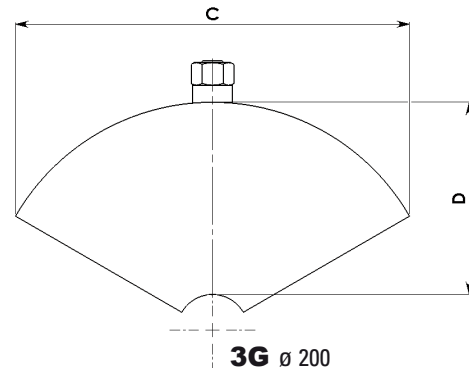
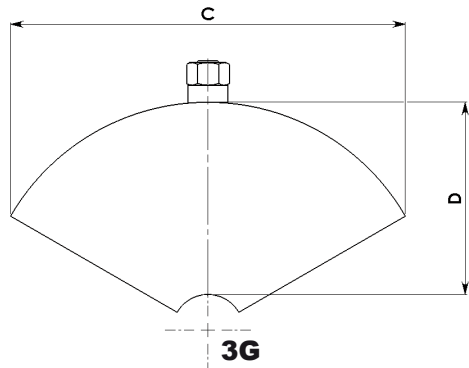


Bestellbeispiel / Type of order / Exemple de commande

401.060.800: K7,92 N9 R20 Δ38,1

Diametre	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande		
	A	B	C	K	L	M	N	O	R	Δ	Stahl Steel Acier	Aluminium	
125	64	25	35	7,94	58	13	9	12,7	15	32	401.060.800	401.060.900	
160	78	25	40	7,94	70	13	9	12,7	20	38,1	401.175.800	401.175.900	Amestra Röhme
	78	25	40	7,94	70	17	11	12,7	20	38,1	401.061.800	401.061.900	
	78	25	60	7,94	70	13	9	12,7	20	38,1	401.175.810	401.175.910	Amestra Röhme
	78	25	60	7,94	70	17	11	12,7	20	38,1	401.061.810	401.061.910	
	78	25	60	7,94	70	17	11	12,7	20	38,1	401.061.810	401.061.910	
200	98	30	50	7,94	90	13	9	12,7	27	44,4	401.177.800	401.177.900	Amestra Röhme
	98	30	50	7,94	90	17	11	12,7	27	44,4	401.062.800	401.062.900	
	98	30	70	7,94	90	13	9	12,7	27	44,4	401.177.810	401.177.910	Amestra Röhme
	98	30	70	7,94	90	17	11	12,7	27	44,4	401.062.810	401.062.910	
	98	30	70	7,94	90	17	11	12,7	27	44,4	401.062.810	401.062.910	
250	124	35	50	12,7	114	20	13	19,02	27	54	401.063.800	401.063.900	
	124	35	70	12,7	114	20	13	19,02	27	54	401.063.810	401.063.910	
315	148	40	60	12,7	128	20	13	19,02	29	63,5	401.064.800	401.064.900	
	148	40	80	12,7	128	20	13	19,02	29	63,5	401.064.810	401.064.910	
400	198	40	70	12,7	178	25	17	19,02	36	76,2	401.065.800	401.065.900	
	198	40	90	12,7	178	25	17	19,02	36	76,2	401.065.810	401.065.910	

Diametre	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande		
	A	B	C	K	L	M	N	O	R	Δ	P 1,587mm 1,50mm	Stahl Steel Acier	Aluminium
160	78	40	40		70						1/16"x90°	472.160.840	472.160.940
	78	40	60		70						1/16"x90°	472.160.860	472.160.960
	78	40	40		70						1,5x60°	478.160.840	478.160.940
	78	40	60		70						1,5x60°	478.160.860	478.160.960
200	98	40	50		90						1/16"x90°	472.200.850	472.200.950
	98	40	70		90						1/16"x90°	472.200.870	472.200.970
	98	40	50		90						1,5x60°	478.200.850	478.200.950
	98	40	70		90						1,5x60°	478.200.870	478.200.970
250	124	50	50		114						1/16"x90°	472.250.850	472.250.950
	124	50	70		114						1/16"x90°	472.250.870	472.250.970
	124	50	50		114						1,5x60°	478.250.850	478.250.950
	124	50	70		114						1,5x60°	478.250.870	478.250.970
315	148	50	60		128						1/16"x90°	472.315.860	472.315.960
	148	50	80		128						1/16"x90°	472.315.880	472.315.980
	148	50	60		128						1,5x60°	478.315.860	478.315.960
	148	50	80		128						1,5x60°	478.315.880	478.315.980
400	198	60	70		178						1/16"x90°	472.400.870	472.400.970
	198	60	90		178						1/16"x90°	472.400.890	472.400.990
	198	60	70		178						1,5x60°	478.400.870	478.400.970
	198	60	90		178						1,5x60°	478.400.890	478.400.990



Diametre	Technische Daten - Technical data - Données techniques										Bestell-Nummer Order number Numéro de commande	
	A	B	C	D							Stahl Steel Acier	Aluminium
3G - 200	57	46	195	96,5							471.150.029	471.155.029
3G	57	46	214	96,5							471.150.030	471.155.030
6G	57	46	120	96,5							471.150.060	471.155.060
9G	57	46	81	96,5							471.150.090	471.155.090
12G	57	46	60	96,5							471.150.120	471.155.120
15G	57	46	48	96,5							471.150.150	471.155.150
3M	46	40	157	77							471.160.030	471.165.030
6M	46	40	88	77							471.160.060	471.165.060
9M	46	40	58	77							471.160.090	471.165.090
12M	46	40	43	77							471.160.120	471.165.120
3P	35	30	100								471.170.030	471.175.030
6P	35	30	55								471.170.060	471.175.060
9P	35	30	36								471.170.090	471.175.090





Lameystraße 8b
75173 Pforzheim
Tel: +49 (0) 72 31 / 42 557 0
Fax: +49 (0) 72 31 / 42 557 20



www.srw-amestra.de