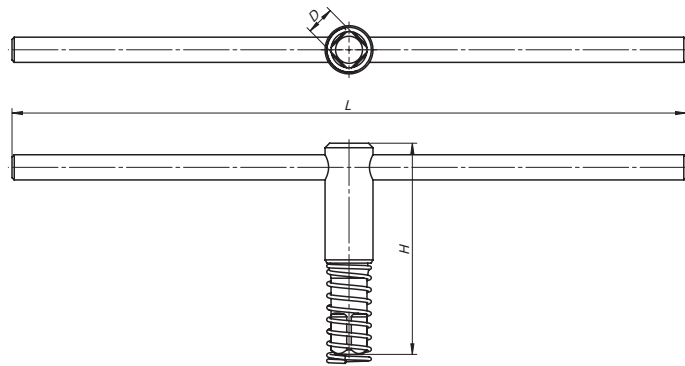
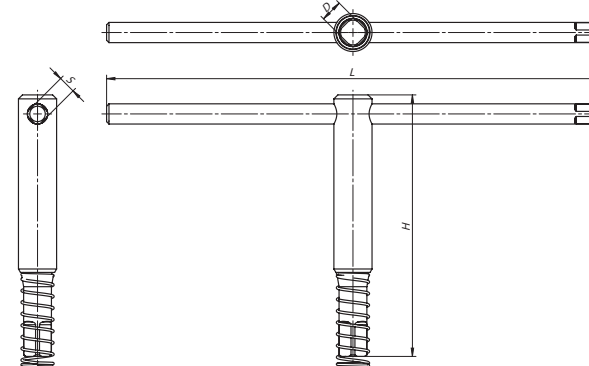


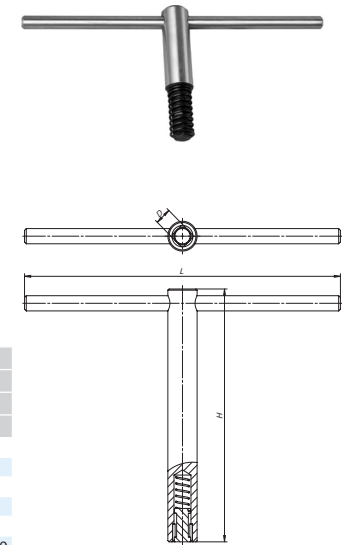


Für Typ • For Type 3105, 32**, 35**, 36**, 37**, 38**, 43**



Für Typ • For Type 45**, 46**, 47**, 48**

SICHERHEITSSCHLÜSSEL
SAFETY WRENCH



Für Typ • For Type 34**

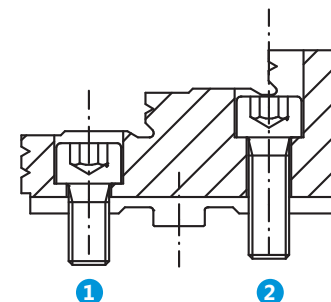
Für Typ • For Type
3105, 32**, 35**, 36**, 37**, 38**,
4505, 4605, 4705, 4805,
43**, 34**, 3975

Futtergröße [mm]	Für Typ • For Type																							
Chuck size [mm]	3105, 32**, 35**, 36**, 37**, 38**					4505, 4605, 4705, 4805						43**					34**					3286	3975	
	Artikel Nr. Code No.	D	H	L	kg	Artikel Nr. Code No.	D	S	H	L	kg	Artikel Nr. Code No.	D	H	L	kg	Artikel Nr. Code No.	D	H	L	kg	Artikel Nr. Code No.	Artikel Nr. Code No.	
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	398539910100	-	
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	398539910100	-	
80	398534010200	6	60	100	0,06	-	-	-	-	-	-	398534010200	6	60	100	0,06	-	-	-	-	-	-	-	-
85	398534010200	6	60	100	0,06	-	-	-	-	-	-	398534010200	6	60	100	0,06	-	-	-	-	-	-	-	-
100	398534020400	9	80	140	0,15	-	-	-	-	-	-	398534010200	6	60	100	0,06	-	-	-	-	-	-	-	-
125	398534020400	9	80	140	0,15	-	-	-	-	-	-	398534410600	7	100	150	0,12	-	-	-	-	-	-	398534020400	
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	398534020400	398534020400	
160	398534030600	11	100	215	0,31	398546052900	7	7	100	215	0,31	398534410600	7	100	150	0,12	-	-	-	-	-	-	398534030600	398534030600
200	398534030600	11	100	215	0,31	398575400100	11	7	120	215	0,36	398534420800	11	120	215	0,36	398532930800	14	165	270	0,90	-	-	-
250	398534040800	14	120	310	0,62	398575401400	14	7	165	310	0,77	398534420800	11	120	215	0,36	398532940000	16	180	340	1,42	-	-	-
315	398534040800	14	120	310	0,62	398575410300	14	11	165	310	0,77	398534430000	14	165	310	0,78	398532950100	18	240	400	2,14	-	-	-
400	398534050000	17	140	400	1,18	398575420500	17	11	213	400	1,66	398534430000	14	165	310	0,78	-	-	-	-	-	-	-	-
500	398534060100	19	140	450	1,44	398575430700	19	11	260	450	2,28	398534440100	17	230	450	1,76	-	-	-	-	-	-	-	-
630	398534060100	19	140	450	1,44	398575430700	19	11	260	450	2,28	398534440100	17	230	450	1,76	-	-	-	-	-	-	-	-
800	398534070300	19	140	650	1,97	-	-	-	-	-	-	398534450300	19	260	500	2,40	-	-	-	-	-	-	-	-
1000	398534070300	19	140	650	1,97	-	-	-	-	-	-	398534450300	19	260	500	2,40	-	-	-	-	-	-	-	-
1250	398534070300	19	140	650	1,97	-	-	-	-	-	-	398534450300	19	260	500	2,40	-	-	-	-	-	-	-	-

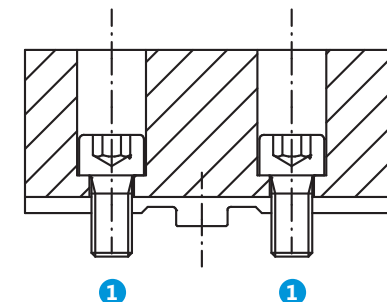
Futtergröße [mm]	Schraube 1*		Schraube 2*	
Chuck Size [mm]	Bolt 1*		Bolt 2*	
125	M8 x 20	100001484	M8 x 25	100001474
160	M10 x 20	100003252	M10 x 30	100003241
200	M10 x 20	100003252	M10 x 30	100003241
250	M12 x 25	100003301	M12 x 40	100001592
315	M12 x 25	100003301	M12 x 40	100001592
400	M16 x 30	100001587	M16 x 45	100003319
500	M20 x 40	100002416	M20 x 75	100003352
630	M20 x 40	100002416	M20 x 80	100003360
800	M20 x 40	100002416	M20 x 80	100003360

* 3 Schrauben pro Satz • 3 Bolts per set

FÜR AUFSATZBACKEN • FÜR 3-BACKEN FUTTER
FOR HARD TOP JAWS • FOR 3-JAW CHUCKS

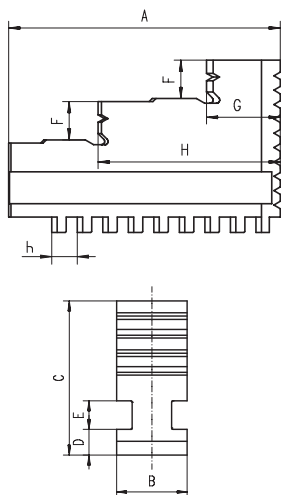
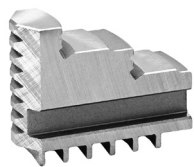


BACKENBEFESTIGUNGSSCHRAUBEN
CLAMPING SCREWS



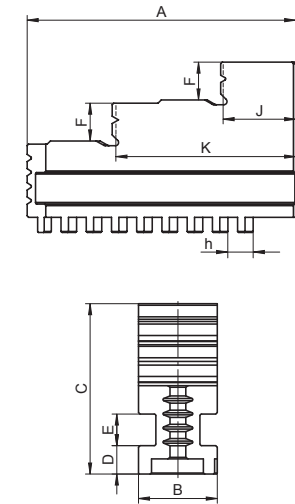
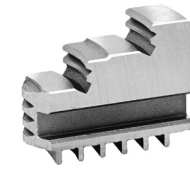


HARTE BACKEN • AUSSEN- INNENSCHNITTUNG
HARD SOLID JAWS • OUTSIDE-INSIDE CLAMPING

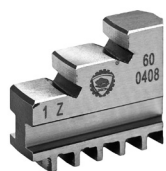


BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	h	kg / Stück
BISON Chuck Type	Chuck Size	Code No.										kg / pc.
32**; 35**	80	398535000900	32	11	28	6,0	6	6	9,5	21,0	4,0	0,03
3266	80	398535002400										
32**; 35**	100	398535010000										
36**; 37**	100	398538197000	42	15	31	6,0	6	7	11,0	27,0	6,0	0,1
3266	100	398535012600										
32**; 35**	125	398535020200										
36**; 37**	125	398539020500	51	20	40	8,0	8	8	13,0	33,5	7,0	0,2
38**	125	398540020900										
3266	125	398535022800										
32**; 35**	160	398535030400	70	20	53	8,0	8	10	19,0	45,0	8,0	0,4
36**; 37**	160	398539030700										
38**	160	398540030000										
3266	160	398535030400	85	25	54	9,0	10	12	23,0	57,0	8,0	0,5
32**; 35**	200	398535040600										
36**; 37**	200	398539040900										
38**	200	398540040200	105	28	63	11,0	12	14	28,0	69,5	9,0	0,8
3266	200	398535040600										
32**; 35**	250	398535050800										
36**; 37**	250	398539050000	125	32	73	12,7	12	18	34,5	83,0	10,0	1,3
38**	250	398540050400										
32**; 35**	315	398535060000										
36**; 37**	315	398539060200	145	36	92	15,0	14	22	36,0	99,0	12,0	2,4
38**	315	398540060600										
32**; 35**	400	398535070100										
36**; 37**	400	398539070400	180	40	100	16,0	14	26	50,0	119,5	14,2	3,4
38**	400	398540070800										
32**; 35**	500	398535080300										
36**; 37**	500	398539080600	225	50	110	16,0	14	28	66,0	149,0	14,2	5,8
38**	500	398540080000										
32**; 35**	630	398535090500										
36**; 37**	630	398539081900	225	50	110	16,0	14	28	66,0	149,0	14,2	5,8
38**	630	398534900900										
32**; 35**	800	398535090500										
36**; 37**	800	398539081900	291	70	140	22,0	20	34	85,0	190,0	18,0	14,3
38**	800	398534901100										
32**; 35**	1000	398535201300										
36**; 37**	1000	398539082100										
38**	1000	398534902400										

Ø 80 - 1000 mm

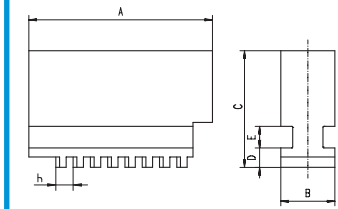
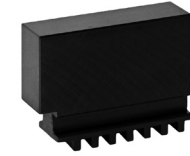

HARTE BACKEN • AUSSENSPANNUNG
 HARD SOLID JAWS • OUTSIDE CLAMPING


BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	J	K	h	kg / Stück
BISON Chuck Type	Chuck Size	Code No.										kg / pc.
Ø 80 - 1000 mm	32**, 35**	80	32	11	28	6,0	6	6	9,5	21,0	4,0	0,03
	3266	80										
	32**, 35**	100										
	37**	100	42	15	31	6,0	6	7	11,0	27,0	6,0	0,1
	3266	100										
	32**, 35**	125										
	36**, 37**	125	51	20	40	8,0	8	8	13,0	33,5	7,0	0,2
	38**	125										
	3266	125										
	32**, 35**	160										
	36**, 37**	160	70	20	53	8,0	8	10	19,0	45,0	8,0	0,4
	38**	160										
	3266	160										
	32**, 35**	200										
	36**, 37**	200	85	25	54	9,0	10	12	23,0	57,0	8,0	0,5
	38**	200										
	3266	200										
	32**, 35**	250										
	36**, 37**	250	105	28	63	11,0	12	14	28,0	69,5	9,0	0,8
	38**	250										
	32**, 35**	315										
	36**, 37**	315	125	32	73	12,7	12	18	34,5	83,0	10,0	1,3
	38**	315										
	32**, 35**	400										
	36**, 37**	400	145	36	92	15,0	14	22	36,0	99,0	12,0	2,4
	38**	400										
	32**, 35**	500										
	36**, 37**	500	180	40	100	16,0	14	26	50,0	119,5	14,2	3,4
	38**	500										
	32**, 35**	630										
	36**, 37**	630	225	50	110	16,0	14	28	66,0	149,0	14,2	5,8
	38**	630										
	32**, 35**	800										
	36**, 37**	800	225	50	110	16,0	14	28	66,0	149,0	14,2	5,8
	38**	800										
	32**, 35**	1000										
	36**, 37**	1000	291	70	140	22,0	20	34	85,0	190,0	18,0	14,3
	38**	1000										



HARTE EINTEILIGE UMKEHRBACKEN
HARD SOLID JAWS • REVERSIBLE CLAMPING

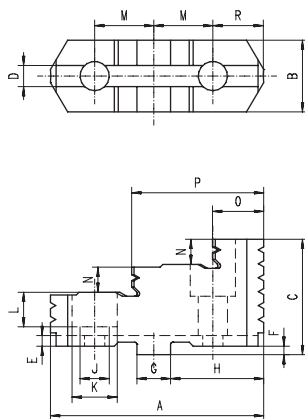
	BISON Futter Typ	Futtergröße	Artikel Nr.
	BISON Chuck Type	Chuck Size	Code No.
Ø 49 - 160 mm	3286	49	● 398539914200
	3286	60	● 398539915500
	3866	80	● 398541110600
	3867	85	● 398541160500
	3868	85	● 398541210700
	3866	100	● 398541120800
	3867	110	● 398541170700
	3866	125	● 398541130000
	3866	160	● 398541140100
	3867	160	● 398541180900


WEICHE MONOBLOCKBACKEN
 SOFT SOLID JAWS


BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	h	kg / Stück
									kg / pc.
BISON Chuck Type	Chuck Size	Code No.							
32**; 35**	80	● 398536000700	32	11	28	6,0	6	4,0	0,1
32**; 35**	100	● 398536010900	42	15	31	6,0	6	6,0	0,1
37**	100	● 398539810000							
32**; 35**	125	● 398536020000							
36**; 37**	125	● 398539820200	51	20	40	8,0	8	7,0	0,3
38**	125	● 398540220000							
32**; 35**	160	● 398536030200							
36**; 37**	160	● 398539830400	70	20	53	8,0	8	8,0	0,5
38**	160	● 398540230200							
32**; 35**	200	● 398536040400							
36**; 37**	200	● 398539840600	85	25	54	9,0	10	8,0	0,8
38**	200	● 398540240400							
32**; 35**	250	● 398536050600							
36**; 37**	250	● 398539850800	105	28	63	11,0	12	9,0	1,4
38**	250	● 398540250600							
32**; 35**	315	● 398536060800							
36**; 37**	315	● 398539860000	125	32	73	12,7	12	10,0	1,9
38**	315	● 398540260800							
32**; 35**	400	● 398536070000							
36**; 37**	400	● 398539870100	145	36	92	15,0	14	12,0	2,5
38**	400	● 398540270000							
32**; 35**	500	● 398536080100							
36**; 37**	500	● 398539880300	180	40	100	16,0	14	14,2	5,00
38**	500	● 398540280100							
32**; 35**	630	● 398536090300							
36**; 37**	630	● 398539890500	225	50	110	16,0	14	14,2	8,4
38**	630	● 398540290300							
32**; 35**	800	● 398536092900							
36**; 37**	800	● 398539891800	225	50	110	16,0	14	14,2	8,4
38**	800	● 398540291600							
32**; 35**	1000	● 398536094400							
36**; 37**	1000	● 398539892000	290	70	140	22,0	20	18,0	20,3
38**	1000	● 398540292900							

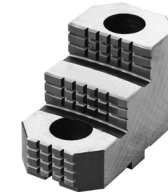


HARTE AUFSATZBACKEN HARD TOP JAWS

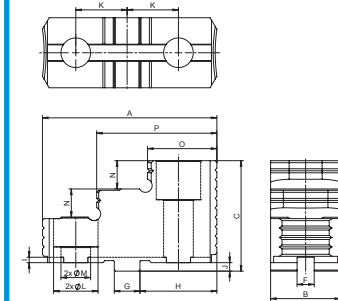
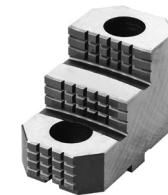


BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R	kg / Stück
BISON Chuck Type	Chuck Size	Code No.																	kg / pc.
32**; 35**	125	398532820500	56	22,0	38,5	7,95	4,0	3,2	12,69	22,6	9	15	10,0	16,00	8,0	14,5	35,0	13,0	0,2
36**; 37**	125	398537820600																	
38**	125	398540820600	56	22,0	38,5	7,95	4,0	3,2	12,69	22,6	6,6	11	10,0	16,00	8,0	14,5	35,0	13,0	0,2
32**; 35**	160	398532830700	67	25,0	41,5	7,95	4,0	3,2	12,69	28,6	11	18	12,0	19,05	8,5	18,0	41,5	16,0	0,3
36**; 37**	160	398537830800																	
38**	160	398540830800	67	25,0	41,5	7,95	4,0	3,2	12,69	28,6	9	14	12,0	19,05	8,5	18,0	41,5	16,0	0,3
32**; 35**	200	398532840900	80	27,0	43,5	7,95	4,0	3,2	12,69	34,9	11	18	12,0	22,25	9,5	21,5	51,0	19,0	0,4
36**; 37**	200	398537840000																	
38**	200	398540840000	80	27,0	43,5	7,95	4,0	3,2	12,69	34,9	9	14	12,0	22,25	9,5	21,5	51,0	19,0	0,4
32**; 35**	250	398532850000	95	32,5	51,5	12,71	4,0	3,2	19,04	39,7	14	20	14,5	27,00	12,0	24,5	59,0	22,0	0,6
36**; 37**	250	398537850100																	
38**	250	398540850100																	
32**; 35**	315	398532860200	110	37,0	55,0	12,71	4,0	3,2	19,04	47,6	14	20	14,5	31,75	13,0	26,5	68,0	35,4	0,9
36**; 37**	315	398537860300																	
38**	315	398540860300																	
32**; 35**	400	398532870400	127	42,0	64,5	12,71	4,0	6,3	19,04	57,1	18	26	18,5	38,10	13,5	27,0	76,5	28,5	1,4
36**; 37**	400	398537870500																	
38**	400	398540870500																	
32**; 35**	500	398532880600	127	42,0	74,5	12,71	4,0	6,3	19,04	57,1	22	33	21,0	38,10	17,0	50,0	88,0	28,5	1,6
36**; 37**	500	398537880700																	
38**	500	398540880700																	
32**; 35**	630	398532890800	127	52,0	82,0	12,71	4,0	6,3	19,04	57,1	22	33	21,0	38,10	21,0	51,0	89,0	28,5	2,4
36**; 37**	630	398537890900																	
38**	630	398540890900																	
32**; 35**	800	398532890800	127	52,0	82,0	12,71	4,0	6,3	19,04	57,1	22	33	21,0	38,10	21,0	51,0	89,0	28,5	2,4
36**; 37**	800	398537900300																	
38**	800	398540891100																	
32**; 35**	1000	398532800100	175	75,0	97,0	12,71	4,5	6,3	19,04	95,2	24	35	23,0	38,10	28,0	48,0	124,0	67,0	5,5
36**; 37**	1000	398537901600																	
38**	1000	398540892400																	

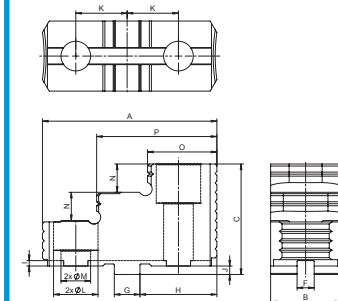
Ø 125 - 1000 mm


HARTE AUFSATZBACKEN • 3597
 HARD TOP JAWS • 3597

 1
2
3
4
5
6

	BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	F	G	H	I	J	K	M	L	N	O	P	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.															kg / pc.
Ø 315 - 1000 mm	3597	160	● 398532830700	67	25	41,5	7,95	12,69	28,6	4	3,2	19,05	11	17	8,5	18	41,5	0,3
	3597	200	● 398532840900	80	27	43,5	7,95	12,69	34,9	4	3,2	22,25	11	17	9,5	20,5	50	0,4
	3597	250	● 398532850000	95	32,5	51,5	12,71	19,04	39,7	4	3,2	27	14	21	12	33,5	68	0,6
	3597	315	● 398538060400	110	37	55	12,71	19,04	47,6	4	3,2	31,75	14	21	13	26,5	68,0	0,9
	3597	405	● 398538104500	127	42	64,5	12,71	19,04	51,7	4	6,3	38,10	18	26	13,5	26,5	76,5	1,4
	3597	515	● 398538114700	127	42	74,5	12,71	19,04	51,7	4	6,3	38,10	22	33	17	51	89,0	1,6
	3597	660	● 398538127700	127	52	82	12,71	19,04	51,7	4	6,3	38,10	22	33	21	51	86,5	2,4
	3597	800	● 398538137900	127	52	82	12,71	19,04	51,7	4	6,3	38,10	22	33	21	51	89,0	2,3
3597	1000	● 398532800100	175	75	97	12,71	19,04	95,2	4,5	6,3	38,10	24	35	28	50,5	75,8	5,6	

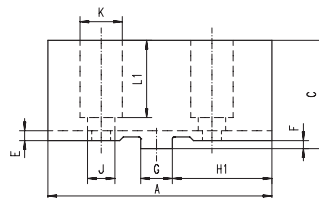
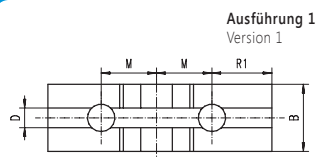

HARTE AUFSATZBACKEN • HD
 HARD TOP JAWS • HD


	BISON Futter Typ	Artikel Nr.	A	B	C	F	G	H	I	J	K	M	L	N	O	P	kg / Stück
	BISON Chuck Type	Code No.															kg / pc.
Ø 400 - 1000 mm	3515-16" HD	● 398532869700	135	54	82	12,71	19,04	57,1	4	6,3	38,1	22	33	21	54,5	88,0	2,45
	3515-20" HD	● 398532883400	135	54	82	12,71	19,04	57,1	4	6,3	38,1	22	33	21	54,7	87,6	2,45
	3515-25" HD	● 398532888800	135	75	97	12,71	19,04	57,1	4	6,3	38,1	24	35	28	56,6	59,5	4,10
	3515-32" HD	● 398532893600	135	75	97	12,71	19,04	57,1	4	6,3	38,1	24	35	28	56,3	59,1	4,10

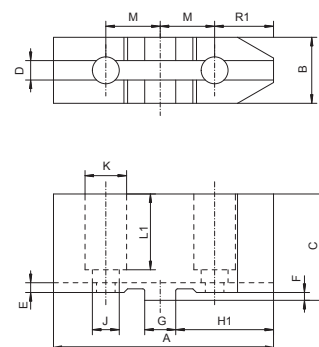

 SGT 3597
SGT HD



WEICHE AUFSATZBACKEN
SOFT TOP JAWS



Ausführung 2
Version 2



BISON Futter Typ	Futtergröße	Artikel Nr.	Ausführung	A	B	C	D	E	F	G	H1	J	K	L ₁	M	kg / Stück
BISON Chuck Type	Chuck Size	Code No.	Version													kg / pc.
32**; 35**	125	● 398533020600	1	64	22,0	46,5	7,95	4,0	3,2	12,69	25	9	15	26,0	16,00	0,3
36**; 37**	125	● 398538220900														
38**	125	● 398540722000	2	64	22,0	46,5	7,95	4,0	3,2	12,69	25	6,6	11	26,0	16,00	0,3
3105	160	● 398530530800			40,0											
32**; 35**	160	● 398533030800	1	78	25,0	41,5	7,95	4,0	3,2	12,69	34	11	18	29,0	19,05	0,5
36**; 37**	160	● 398538230000														
38**	160	● 398540732200	2	78	25,0	41,5	7,95	4,0	3,2	12,69	34	9	14	29,0	19,05	0,5
3105	200	● 398530540000	1	90	40,0	41,5	7,95	4,0	3,2	12,69	40	11	14	31,0	22,25	0,7
32**; 35**	200	● 398533040000	1	90	27,0	43,5	7,95	4,0	3,2	12,69	40	11	18	31,0	22,25	0,7
36**; 37**	200	● 398538240200														
38**	200	● 398540742400	2	90	27,0	43,5	7,95	4,0	3,2	12,69	40	9	14	31,0	22,25	0,7
3105	250	● 398530550100			47											
32**; 35**	250	● 398533050100	1	106	32,5	51,5	12,71	4,0	3,2	19,04	45	14	20	38,0	27,00	1,2
36**; 37**	250	● 398538250400														
38**	250	● 398540752600	2													
3105	315	● 398530560300			52,0											
32**; 35**	315	● 398533060300	1	120	37,0	55,0	12,71	4,0	3,2	19,04	53	14	20	40,0	31,75	1,6
36**; 37**	315	● 398538260600														
38**	315	● 398540762800	2													
3105	400	● 398530570500			52,0											
32**; 35**	400	● 398533070500	1	140	42,0	64,5	12,71	4,0	6,3	19,04	63	18	26	45,5	38,10	2,2
36**; 37**	400	● 398538270800														
38**	400	● 398540772000	2													
32**; 35**	500	● 398533080700														
36**; 37**	500	● 398538280000	1	140	42,0	74,5	12,71	4,0	6,3	19,04	63	22	33	56,0	38,10	2,4
38**	500	● 398540780600														
32**; 35**	630	● 398533090900														
36**; 37**	630	● 398538290100	1	160	52,0	82,0	12,71	4,0	6,3	19,04	63	22	33	64,0	38,10	4,2
38**	630	● 398540790800														
32**; 35**	800	● 398533090900														
36**; 37**	800	● 398538290100	1	160	52,0	82,0	12,71	4,0	6,3	19,04	63	22	33	64,0	38,10	4,2
38**	800	● 398540790800														
32**; 35**	1000	● 398533093700														
36**; 37**	1000	● 398538292700	1	191	75,0	97,0	12,71	4,5	6,3	19,04	105	24	35	78,0	38,10	10,0
38**	1000	● 398540700100														

Ø 125 - 1000 mm

1

2

3

4

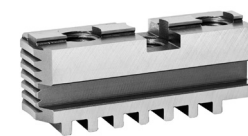
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SGM

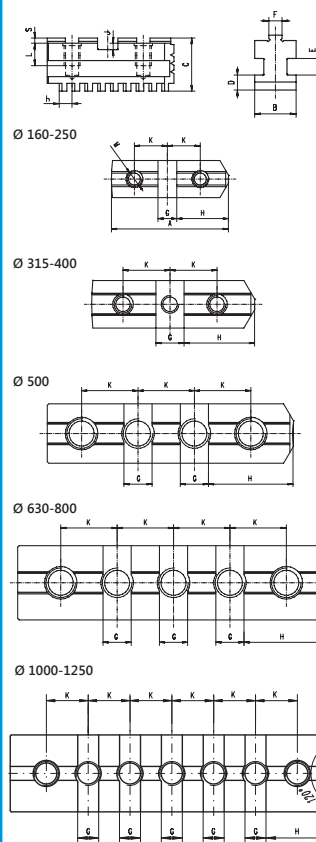


HARTE GRUNDBACKEN
HARD MASTER JAWS



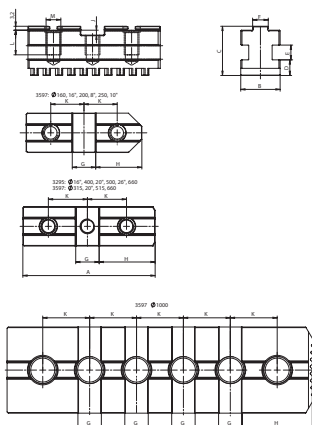
	BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M*	S	h	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.															kg / pc.
Ø 125 - 1000 mm	32**; 35**	125	● 398535720900															
	36**; 37**	125	● 398539620000	54	20	28,0	8,0	8	7,94	12,69	22,6	4,0	16,00	13,5	M8	3,2	7,0	0,1
	38**	125	● 398540920700	54	20	28,0	8,0	8	7,94	12,69	22,6	4,0	16,00	13,5	M6	3,2	7,0	0,1
	3105	160	● 398530710600															
	32**; 35**	160	● 398535730000	65	20	29,0	8,0	8	7,94	12,69	28,6	4,0	19,05	14,0	M10	3,2	8,0	0,2
	36**; 37**	160	● 398539630200															
	38**	160	398540930900	65	20	29,0	8,0	8	7,94	12,69	28,6	4,0	19,05	14,0	M8	3,2	8,0	0,2
	3105	200	● 398530720800															
	32**; 35**	200	● 398535740200	79	25	33,0	9,0	10	7,94	12,69	34,9	4,0	22,25	14,0	M10	3,2	8,0	0,3
	36**; 37**	200	● 398539640400															
	38**	200	398540940000	79	25	33,0	9,0	10	7,94	12,69	34,9	4,0	22,25	14,0	M8	3,2	8,0	0,3
	3105	250	● 398530730000															
	32**; 35**	250	● 398535750400	92	28	36,0	11,0	12	12,7	19,04	39,7	4,0	27,00	16,0	M12	3,2	9,0	0,5
	36**; 37**	250	● 398539650600															
	38**	250	● 398540950200															
	3105	315	● 398530740100															
	32**; 35**	315	● 398535760600	110	32	40,0	12,7	12	12,7	19,04	47,6	4,0	31,75	16,0	M12	3,2	10,0	0,8
	36**; 37**	315	● 398539660800															
	38**	315	● 398540960400															
	3105	400	● 398530790000															
	32**; 35**	400	● 398535770800	130	36	49,0	15,0	14	12,7	19,04	57,1	7,2	38,10	22,0	M16	3,2	12,0	1,1
	36**; 37**	400	● 398539670000															
	38**	400	● 398540970600															
	32**; 35**	500	● 398535780000															
	36**; 37**	500	● 398539680100	166	40	54,0	16,0	14	12,7	19,04	57,1	7,2	38,10	32,5	M20	3,2	14,2	2,2
	38**	500	● 398540980800															
	32**; 35**	630	● 398535790100															
	36**; 37**	630	● 398539681400	210	50	54,5	16,0	14	12,7	19,04	57,1	7,2	38,10	32,5	M20	3,2	14,2	3,3
	38**	630	● 398540990000															
	32**; 35**	800	● 398535800600															
36**; 37**	800	● 398539682700	225	50	54,5	16,0	14	12,7	19,04	57,1	7,2	38,10	32,5	M20	3,2	14,2	3,4	
38**	800	● 398540991200																
32**; 35**	1000	● 398532801400																
36**; 37**	1000	● 398539683000	328	70	64,0	22,0	20	12,7	19,04	57,1	7,2	38,10	36,0	M22	3,2	18,0	7,8	
38**	1000	● 398540992500																

* Schrauben sind im Lieferumfang enthalten • Screws are included in delivery





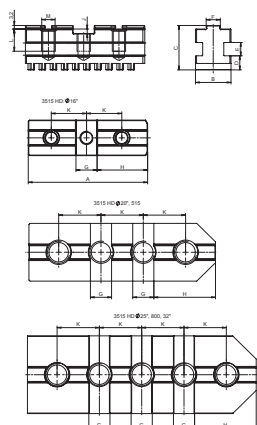
HARTE GRUNDBACKEN • 3295 UND 3597
HARD MASTER JAWS • 3295 AND 3597



	BISON Futter Typ	Futtergröße	Artikel Nr.		A	B	C	D	E	F	G	H	J	K	L	M*	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.														kg / pc.
Ø 315 - 1000 mm	3295	400	🟡 398539986000		120	36	49	15	14	12,7	19,04	57,1	7,2	38,1	22	M16	1,1
	3295	500	🟡 398539987300		120	40	54	16	14	12,7	19,04	57,1	7,2	38,1	32,5	M20	1,3
	3295	660	🟡 398539984500		127	50	54,5	16	14	12,7	19,04	54	7,2	38,1	32,5	M20	1,8
	3597	315	🟡 398538050200		107,5	32	40	12,7	12	12,7	19,04	45,1	4	31,75	20	M12	0,7
	3597	405	🟡 398539986000		120	36	49	15	14	12,7	19,04	57,1	7,2	38,1	22	M16	1,1
	3597	515	🟡 398539987300		120	40	54	16	14	12,7	19,04	57,1	7,2	38,1	32,5	M20	1,3
	3597	660	🟡 398538126400		127	50	54,5	16	14	12,7	19,04	57,1	7,2	38,1	32,5	M20	1,3
	3597	800	🟡 398538136600		160	50	54,5	16	14	12,7	19,04	57,1	7,2	38,1	32,5	M20	2,3
	3597	1000	🔴 398538146800		250	70	64	22	20	12,7	19,04	57,1	7,2	38,1	40	M22	6,1

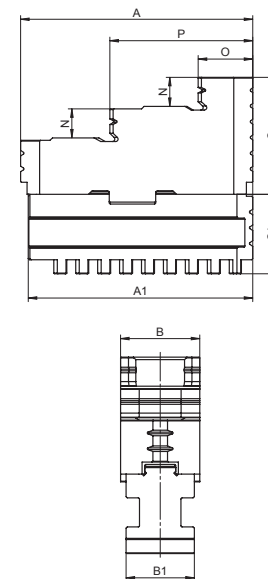
* Schrauben sind im Lieferumfang enthalten • Screws are included in delivery

HARTE GRUNDBACKEN • HD
HARD MASTER JAWS • HD



	BISON Futter Typ	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M*	kg / Stück
	BISON Chuck Type	Code No.													kg / pc.
Ø 400 - 800 mm	3515-16" HD	● 398535972500	132	50	54,5	16	14	12,7	19,04	57,1	7,2	38,1	32,5	3/4"	1,95
	3515-20" HD	● 398535982700	169	50	54,5	16	14	12,7	19,04	57,1	7,2	38,1	32,5	3/4"	2,50
	3515-25" HD	● 398535988300	210	70	62	20	20	12,7	19,04	57,1	7,2	38,1	33	7/8"	5,10
	3515-32" HD	● 398535995700	225	70	62	20	20	12,7	19,04	57,1	7,2	38,1	33	7/8"	5,50

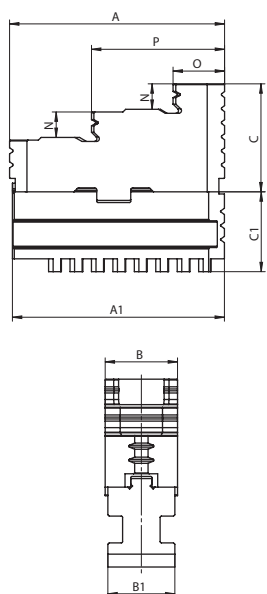
* Schrauben sind im Lieferumfang enthalten • Screws are included in delivery


HARTE GETEILTE UMKEHRBACKEN
 HARD 2-PC REVERSIBLE JAWS


BISON Futter Typ	Futtergröße	Artikel Nr.	A	A1	B	B1	C	C1	N	O	P	kg / Stück
BISON Chuck Type	Chuck Size	Code No.										kg / pc.
32**; 35**	125	398535320500										
36**; 37**	125	398539220700	56	54	22,0	20	35,3	24,8	8,0	14,5	35,0	0,3
38**	125	398540320100										
32**; 35**	160	398535330700										
36**; 37**	160	398539230900	67	65	25,0	20	38,3	25,8	8,5	18,0	41,5	0,4
38**	160	398540330300										
32**; 35**	200	398535340900										
36**; 37**	200	398539240000	80	79	27,0	25	38,3	29,8	9,5	21,5	51,0	0,7
38**	200	398540340500										
32**; 35**	250	398535350000										
36**; 37**	250	398539250200	95	92	32,5	28	48,3	32,8	12,0	24,5	59,0	1,1
38**	250	398540350700										
32**; 35**	315	398535360200										
36**; 37**	315	398539260400	110	110	37,0	32	51,8	36,8	13,0	26,5	68,0	1,7
38**	315	398540360900										
32**; 35**	400	398535370400										
36**; 37**	400	398539270600	127	130	42,0	36	58,2	45,8	13,5	27,0	76,5	2,5
38**	400	398540370000										
32**; 35**	500	398535380600										
36**; 37**	500	398539280800	127	166	42,0	40	68,2	50,8	17,0	50,0	88,0	3,8
38**	500	398540380200										
32**; 35**	630	398535390800										
36**; 37**	630	398539290000	127	210	52,0	50	75,7	51,3	21,0	51,0	89,0	5,8
38**	630	398540390400										
32**; 35**	800	398535400200										
36**; 37**	800	398539291200	127	225	52,0	50	75,7	51,3	21,0	51,0	89,0	6,1
38**	800	398540391700										
32**; 35**	1000	398535401500										
36**; 37**	1000	398539292500	175	328	75,0	70	90,7	60,8	28,0	48,0	124	14,0
38**	1000	398540392000										

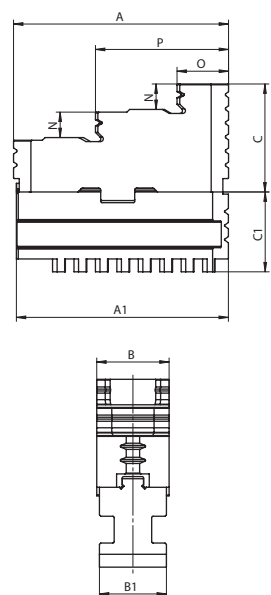


HARTE GETEILTE UMKEHRBACKEN • 3597
HARD 2-PC REVERSIBLE JAWS • 3597



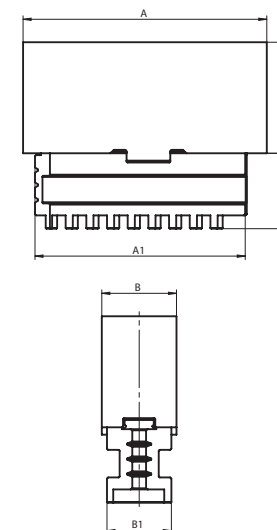
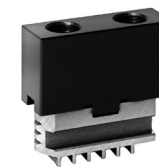
	BISON Futter Typ	Futtergröße	Artikel Nr.	A	A1	B	B1	C	C1	N	O	P	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.										kg / pc.
Ø 315 - 1000 mm	3597	315	398538070600	110	107,5	37	32	51,8	36,8	13	26,5	68	1,7
	3597	405	398538102000	127	120	42	36	58,2	45,8	13,5	26,5	76,5	2,7
	3597	515	398538111900	127	120	42	40	68,2	50,8	17	51	89	3,2
	3597	660	398538125100	127	127	52	50	75,8	51,3	21	51	86,5	4,6
	3597	800	398538135300	127	160	52	50	75,8	51,3	21	51	89	5,1
	3597	1000	398538145500	175	250	75	70	90,7	60,8	28	50,5	75,5	12,1

HARTE GETEILTE UMKEHRBACKEN • HD
HARD 2-PC REVERSIBLE JAWS • HD



	BISON Futter Typ	Artikel Nr.	A	A1	B	B1	C	C1	N	O	P	kg / Stück
	BISON Chuck Type	Code No.										kg / pc.
Ø 400 - 800 mm	3515-16" HD	398535471800	135	132	54	50	75,7	51,3	21	54,5	88	4,76
	3515-20" HD	398535478700	135	169	54	50	75,7	51,3	21	54,7	87,6	5,30
	3515-25" HD	398535489100	135	210	75	70	83,7	58,8	28	56,6	89,5	9,96
	3515-32" HD	398535497800	135	225	75	70	83,7	58,8	28	56,3	89,1	9,96

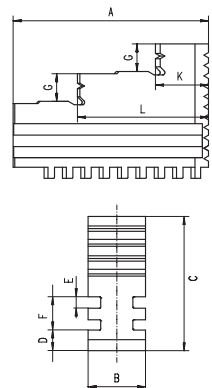
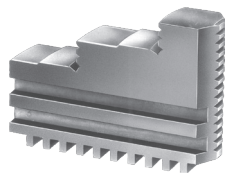



WEICHE GETEILTE BACKEN
 SOFT 2-PC JAWS


BISON Futter Typ BISON Chuck Type	Futtergröße Chuck Size	Artikel Nr. Code No.	A	A1	B	B1	C	C1	kg / Stück kg / pc.
Ø 125 - 1000 mm	32**, 35**	125							
	36**, 37**	125	64	54	22,0	20	35,3	24,8	0,4
	38**	125							
	3105	160							
	32**, 35**	160	78	65	25,0	20	38,3	25,8	0,6
	36**, 37**	160							
	38**	160							
	3105	200							
	32**, 35**	200	90	79	27,0	25	38,3	29,8	1,0
	36**, 37**	200							
	38**	200							
	3105	250							
	32**, 35**	250	106	92	32,5	28	48,3	32,8	1,6
	36**, 37**	250							
	38**	250							
	3105	315							
	32**, 35**	315	120	110	37,0	32	51,8	36,8	3,1
	36**, 37**	315							
	38**	315							
	3105	400							
	32**, 35**	400	140	130	42,0	36	58,2	45,8	3,3
	36**, 37**	400							
	38**	400							
	32**, 35**	500	140	166	42,0	40	68,2	50,8	4,6
	36**, 37**	500							
	38**	500							
	32**, 35**	630	160	210	52,0	50	75,7	51,3	7,5
	36**, 37**	630							
	38**	630							
	32**, 35**	800	160	225	52,0	50	75,7	51,3	7,6
	36**, 37**	800							
	38**	800							
	32**, 35**	1000	191	328	75,0	70	90,7	60,8	17,8
	36**, 37**	1000							
	38**	1000							

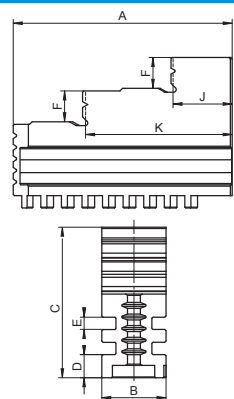
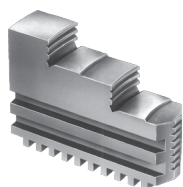


HARTE BACKEN • AUSSEN- INNENSCHNITTUNG
HARD SOLID JAWS • OUTSIDE-INSIDE CLAMPING



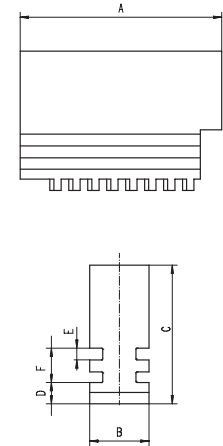
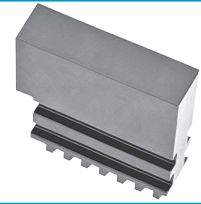
BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	K	L	kg / Stück
BISON Chuck Type	Chuck Size	Code No.										kg / pc.
Ø 160 - 630 mm	3202; 3203	160	70	20	56	8,0	6	18	12	19	45,0	0,5
	3602; 3603	160										
	3202; 3203	200	85	25	62	9,0	6	18	12	23	57,0	0,6
	3602; 3603	200										
	3202; 3203	250	105	28	74	11,0	8	23	15	28	69,5	1,1
	3602; 3603	250										
	3202; 3203	315	125	32	90	12,7	10	29	19	34	83,0	1,7
	3602; 3603	315										
	3202; 3203	400	145	36	107	15,0	10	29	22	36	99,0	2,7
	3602; 3603	400										
	3202; 3203	500	180	40	120	16,0	12	34	26	50	119,5	4,9
	3602; 3603	500										
	3202; 3203	630	225	50	130	16,0	12	34	28	66	149,0	7,7
	3602; 3603	630										

HARTE BACKEN • AUSSENSCHNITTUNG
HARD SOLID JAWS • OUTSIDE CLAMPING



BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	J	K	kg / Stück
BISON Chuck Type	Chuck Size	Code No.										kg / pc.
Ø 160 - 630 mm	3202; 3203	160	70	20	56	8,0	6	18	12	23	45,0	0,5
	3602; 3603	160										
	3202; 3203	200	85	25	62	9,0	6	18	12	23	57,0	0,6
	3602; 3603	200										
	3202; 3203	250	105	28	74	11,0	8	23	15	28	69,5	1,1
	3602; 3603	250										
	3202; 3203	315	125	32	90	12,7	10	29	19	34	83,0	1,7
	3602; 3603	315										
	3202; 3203	400	145	36	107	15,0	10	29	22	36	99,0	2,7
	3602; 3603	400										
	3202; 3203	500	180	40	120	16,0	12	34	26	50	119,5	4,9
	3602; 3603	500										
	3202; 3203	630	180	40	120	16,0	12	34	26	66	119,5	4,9
	3602; 3603	630										




WEICHE MONOBLOCKBACKEN
 SOFT SOLID JAWS


BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	kg / Stück
									kg / pc.
BISON Chuck Type	Chuck Size	Code No.							
3202; 3203	160	● 398533110500	70	20	56	8,0	6	18	0,5
3602; 3603	160	● 398537110800							
3202; 3203	200	● 398533120700	85	25	62	9,0	6	18	0,6
3602; 3603	200	● 398537120000							
3202; 3203	250	● 398533130900	105	28	74	11,0	8	23	1,1
3602; 3603	250	● 398537130100							
3202; 3203	315	● 398533140000	125	32	90	12,7	10	29	1,7
3602; 3603	315	● 398537140300							
3202; 3203	400	● 398533150200	145	36	107	15,0	10	29	3,8
3602; 3603	400	● 398537150500							
3202; 3203	500	● 398533160400	180	40	120	16,0	12	34	8,8
3602; 3603	500	● 398537160700							
3202; 3203	630	● 398533170600	225	50	130	16,0	12	34	10,2
3602; 3603	630	● 398537170900							

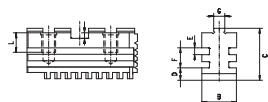
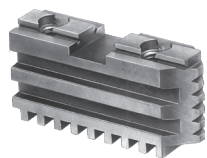
Ø 160 - 630 mm

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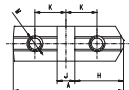
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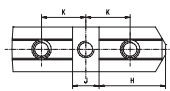
HARTE GRUNDBACKEN
HARD MASTER JAWS



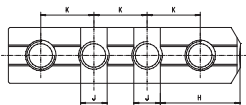
Ø 160-250



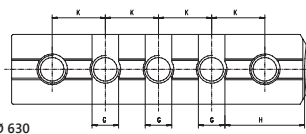
Ø 315-400



Ø 500



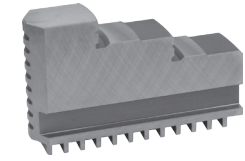
Ø 630



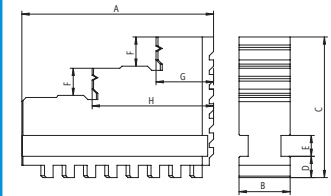
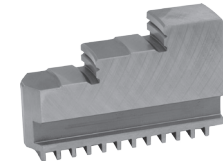
Ø 160 - 630 mm

BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M*	kg / Stück
BISON Chuck Type	Chuck Size	Code No.													kg / pc.
3202; 3203	160	398533810100	65	20	39	8,0	6	18	7,94	28,6	12,69	19,05	15,0	2xM10	0,3
3602; 3603	160	398536910700													
3202; 3203	200	398533820300	79	25	41	9,0	6	18	7,94	34,9	12,69	22,25	14,0	2xM10	0,4
3602; 3603	200	398536920900													
3202; 3203	250	398533830500	92	28	47	11,0	8	23	12,7	39,7	19,04	27,00	16,0	2xM10	0,6
3602; 3603	250	398536930000													
3202; 3203	315	398533840700	110	32	57	12,7	10	29	12,7	47,6	19,04	31,75	16,0	3xM12	1,1
3602; 3603	315	398536940200													
3202; 3203	400	398533850900	130	36	64	15,0	10	29	12,7	57,1	19,04	38,10	18,8	3xM16	1,6
3602; 3603	400	398536950400													
3202; 3203	500	398533860000	166	40	74	16,0	12	34	12,7	57,1	19,04	38,10	32,5	4xM20	2,6
3602; 3603	500	398536960600													
3202; 3203	630	398533800000	210	50	74	16,0	12	34	12,7	57,1	19,04	38,10	32,5	5xM20	3,8
3602; 3603	630	398536961900													

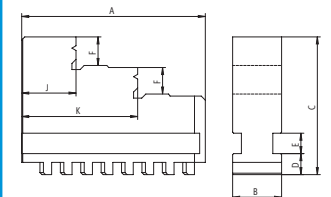
* Schrauben sind im Lieferumfang enthalten • Screws are included in delivery


HARTE BACKEN • AUSSEN- INNENSCHNITTUNG
 HARD SOLID JAWS • OUTSIDE-INSIDE CLAMPING


	RÖHM Futter Typ	Artikel Nr.	A	B	C	D	E	F	G	H	kg / Stück
	RÖHM Chuck Type	Code No.									kg / pc.
Ø 125 - 315 mm	ZG-125/3; ZS-125/3	● 398531730800	52	18	41,5	7,3	7	8	17	35	0,2
	ZG-140/3; ZS-140/3	● 398531740000	61	18	41,5	8,2	7	8	18	40	0,2
	ZG-160/3; ZS-160/3	● 398531750100	61	18	47,5	8,2	7	10	18	40	0,2
	ZG-200/3; ZS-200/3	● 398531760300	69	20	53,5	8,2	8	10	20	44	0,4
	ZG-250/3; ZS-250/3	● 398531780700	90	24	67,5	10,3	10	14	27	57	0,7
	ZG-315/3; ZS-315/3	● 398531800300	130	34	79,5	11,2	15	15	41,5	86,5	1,8

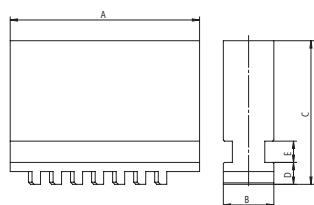
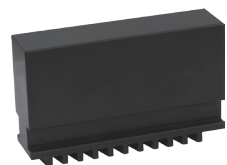

HARTE BACKEN • AUSSENSCHNITTUNG
 HARD SOLID JAWS • OUTSIDE CLAMPING


	RÖHM Futter Typ	Artikel Nr.	A	B	C	D	E	F	G	H	kg / Stück
	RÖHM Chuck Type	Code No.									kg / pc.
Ø 125 - 315 mm	ZG-125/3; ZS-125/3	● 398531870600	52	18	41,5	7,3	7	8	16	34	0,2
	ZG-140/3; ZS-140/3	● 398531880800	61	18	41,5	8,2	7	8	17	39	0,2
	ZG-160/3; ZS-160/3	● 398531890000	61	18	47,5	8,2	7	10	17	39	0,2
	ZG-200/3; ZS-200/3	● 398531900400	69	20	53,5	8,2	8	10	19	43	0,4
	ZG-250/3; ZS-250/3	● 398531920800	90	24	67,5	10,3	10	14	26	56	0,7
	ZG-315/3; ZS-315/3	● 398531940100	130	34	79,5	11,2	15	15	40	85	1,8





WEICHE MONOBLOCKBACKEN
SOFT SOLID JAWS



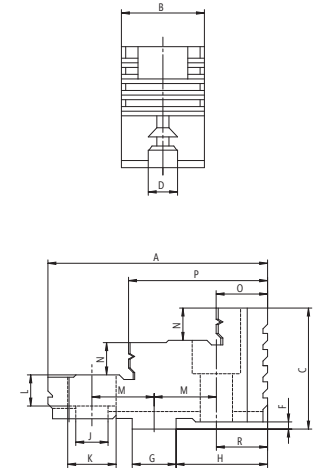
RÖHM Futter Typ	Artikel Nr.	A	B	C	D	E	kg / Stück
RÖHM Chuck Type	Code No.						kg / pc.
ZG-80/3; ZS-80/3	398538320000	37	12	26	4,8	4,5	0,1
ZG-100/3; ZS-100/3	398538301900	48	14	33,5	6,3	6	0,2
ZG-110/3; ZS-110/3	398538301900	48	14	33,5	6,3	6	0,2
ZG-125/3; ZS-125/3	398538302100	52	18	41,5	7,3	7	0,3
ZG-140/3; ZS-140/3	398538303400	61	18	41,5	8,2	7	0,3
ZG-160/3; ZS-160/3	398538304700	61	18	47,5	8,2	7	0,4
ZG-200/3; ZS-200/3	398538305000	69	20	53,5	8,2	8	0,5
ZG-250/3; ZS-250/3	398538306200	90	24	67,5	10,3	10	1,0
ZG-315/3; ZS-315/3	398538307500	130	34	79,5	11,2	15	2,4

Ø 80 - 315 mm



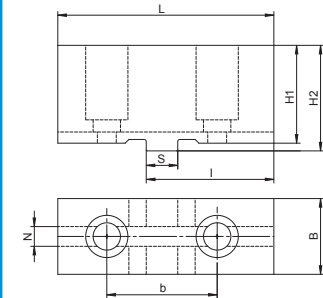
HARTE AUFSATZBACKEN
HARD TOP JAWS

	RÖHM Futter Typ	Artikel Nr.	A	B	C	D	F	G	H	J	K	L	M	N	O	P	R	kg / Stück
	RÖHM Chuck Type	Code No.																kg / pc.
Ø 125 - 315 mm	ZG-125/3; ZS-125/3	● 398537710300	56	26	37,5	7,96	3,1	12,68	22,6	9	15	9	16	8	13	35	13	0,2
	ZG-140/160/3; ZS-140/160/3	● 398537720500	66,7	28	41,5	7,96	3,1	12,68	28,5	9	15	10	19,05	10	15,8	42,8	15,8	0,3
	ZG-200/230/3; ZS-200/230/3	● 398537730700	79,5	30	42,5	7,96	3,1	12,68	34,9	9	15	10	22,23	10	19	51,5	19	0,4
	ZG-250/270/3; ZS-250/270/3	● 398537740900	95,3	36	52,5	12,72	3,1	19,03	39,7	14	20	13,5	26,98	14	22,2	60,2	22,2	0,7
	ZG-315/3; ZS-315/3	● 398537750000	109,5	42	57,5	12,72	3,1	19,03	47,6	14	20	13,5	31,75	15	25,4	67,4	25,4	1,0



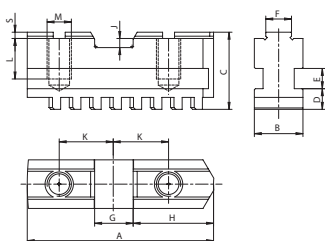
WEICHE AUFSATZBACKEN
SOFT TOP JAWS

	RÖHM Futter Typ	Artikel Nr.	Backen Typ	N	S	B	H ₁	H ₂	L	b	I	Schrauben	kg / Stück
	RÖHM Chuck Type	Code No.	Jaw Type									Screws	kg / pc.
Ø 125 - 800 mm	ZGU 125; ZSU 125; ZGF 125	● 398525426500	SGM Z4PS 125-01	7,96	12,67	26	38	35,0	62	32,0	25,6	M 8	0,4
	ZGU 160; ZGU 140; ZSU 160; ZSU 140; ZGF 160	● 398525427800	SGM Z4PS 160-01	7,96	12,67	30	45	42,0	74	38,1	32,2	M 8	0,6
	ZGU 200; ZGD 200-230; ZSU 200; UGU 200; ZGF 250; USU 260	● 398525428000	SGM Z4PS 200-01	7,96	12,67	30	50	47,0	87	44,5	38,7	M 8	0,8
	ZGU 250; ZGD 250-270; ZSU 250; UGU 260; ZGF 250; USU 260	● 398525429300	SGM Z4PS 250-01	12,72	19,02	35	60	57,0	103	54,0	43,5	M 12	1,3
		● 398525430000	SGM Z4PS 250-10	12,72	19,02	50	60	57,0	118	54,0	40,5	M 16	2,2
		● 398525431300	SGM Z4PS 315-10	12,72	19,02	50	60	53,7	137	63,5	47,5	M 16	2,5
	ZGU 315; ZGD 315; ZSU 315; UGU 310-350; ZGF 350-400; USU 400-450	● 398525432600	SGM Z4PS 315-01	12,72	19,02	40	60	57,0	120	63,5	53,0	M 12	1,8
		● 398525433900	SGM Z4PS 350-01	12,72	19,02	50	80	73,7	137	76,2	62,0	M 16	3,4
		● 398525434100	SGM Z4PS 500-01	12,72	19,02	50	80	73,7	140	76,2	63,5	M 20	3,2
	ZGU 500-630-700; ZGD 500; ZSU 500-630-700; UGU 500-560-600-630-710; USU 500-560-600-630-710	● 398525435400	SGM Z4PS 800-01	12,72	19,02	60	100	93,7	210	76,2	70,0	M 20	8,0



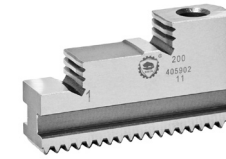


HARTE GRUNDBACKEN HARD MASTER JAWS

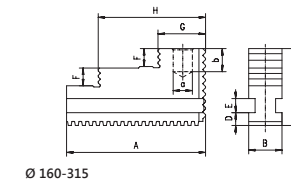
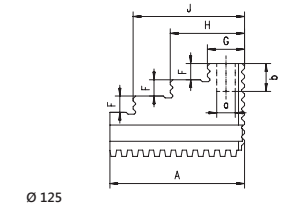


	RÖHM Futter Typ	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M*	S	kg / Stück
	RÖHM Chuck Type	Code No.														kg / pc.
Ø 125 - 315 mm	ZG-125/3; ZS-125/3	398535711000	55	18	27,1	7,3	7	7,94	12,69	22,6	4,5	16	14,5	M8	3,1	0,1
	ZG-140/3; ZS-140/3	398535712200	65	18	30,1	8,2	7	7,94	12,69	28,5	4,5	19,05	16	M8	3,1	0,2
	ZG-160/3; ZS-160/3	398535713500	65	18	30,1	8,2	7	7,94	12,69	28,5	4,5	19,05	16	M8	3,1	0,2
	ZG-200/3; ZS-200/3	398535714800	78	20	31,1	8,2	8	7,94	12,69	34,9	4,5	22,225	16	M8	3,1	0,2
	ZG-250/3; ZS-250/3	398535715000	92	24	38,1	10,2	10	12,7	19,04	39,7	4,5	27	20	M12	3,1	0,4
	ZG-315/3; ZS-315/3	398535716300	108	34	43,1	11,2	15	12,7	19,04	47,6	4,5	31,75	25	M12	3,1	0,8

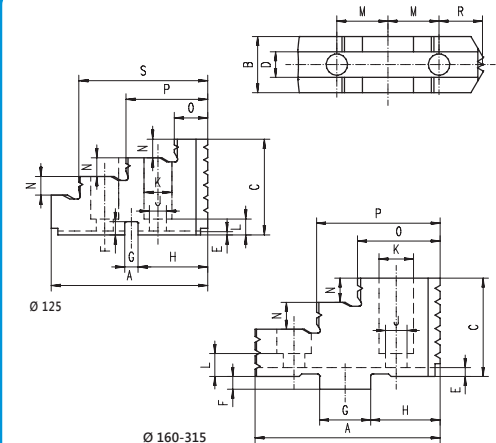
* Schrauben sind im Lieferumfang enthalten • Screws are included in delivery


HARTE BACKEN
 HARD SOLID JAWS


	BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	a	b	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.												kg / pc.
Ø 125 - 315 mm	34**	125	● 398530910800	58,0	14	40	6,5	7	7,0	16,0	32,0	48	8	12	0,4
	34**	160	● 398530920000	69,0	20	45	7,5	9	8,0	26,0	58,0	-	10	12	1,0
	34**	200	● 398530930100	90,0	22	50	8,0	9	11,5	33,0	72,5	-	12	15	1,5
	34**	250	● 398530940300	108,5	26	60	10,0	11	14,0	36,0	83,0	-	15	20	2,6
	34**	315	● 398530950500	132,0	32	70	12,0	14	17,0	41,5	104,5	-	20	20	4,4

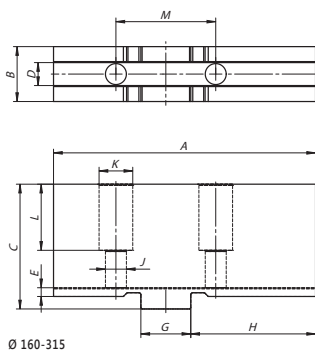
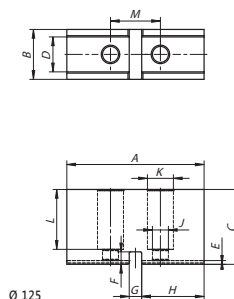

HARTE AUFSATZBACKEN
 HARD TOP JAWS


BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R	S	kg / Stück	
BISON Chuck Type	Chuck Size	Code No.																		kg / pc.	
Ø 125 - 315 mm	34**	125	● 398531081300	59	20	36,0	14	1,5	5,0	5	26,0	6,4	10,4	6,0	10	7,0	16,0	31	18,5	47	0,2
	34**	160	● 398531082600	63	20	32,5	8	3,0	4,5	18	23,0	8,4	13,5	9,0	16	7,5	26,0	39	16,0	-	0,2
	34**	200	● 398531083900	72	22	38,5	10	3,5	5,0	20	27,0	8,4	13,5	9,0	20	9,5	32,0	48	17,0	-	0,3
	34**	250	● 398531084100	90	30	50,0	12	3,5	5,0	20	30,0	13,0	19,0	7,0	20	14,0	40,5	81	20,0	-	0,7
	34**	315	● 398531085400	105	35	53,5	12	3,5	6,5	26	35,3	13,0	19,0	15,5	27	15,0	40,0	95	21,3	-	1,1

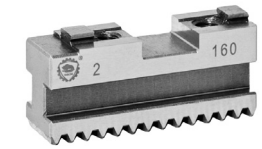




WEICHE AUFSATZBACKEN
SOFT TOP JAWS

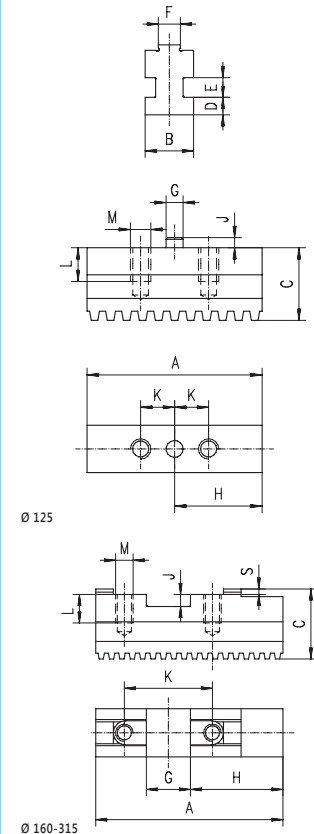


	BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.													kg / pc.
Ø 125 - 315 mm	34**	125	● 398531030100	55	20	30	14	1,5	5,0	5	25	6,4	10,4	24,0	20	0,2
	34**	160	● 398531040300	85	20	40	8	3,0	4,5	18	42	8,4	13,5	26,5	32	0,4
	34**	200	● 398531050500	105	22	50	10	3,5	5,0	20	50	8,4	13,5	35,0	40	0,7
	34**	250	● 398531060700	125	30	55	12	3,5	5,0	20	70	13,0	19,0	41,0	40	1,2
	34**	315	● 398531070900	145	35	60	12	3,5	6,0	26	74	13,0	19,0	38,0	54	1,8


HARTE GRUNDBACKEN
 HARD MASTER JAWS


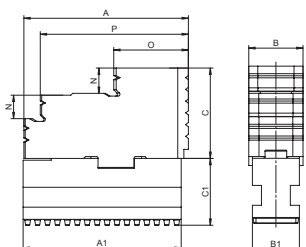
	BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M*	S	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.														kg / pc.
Ø 125 - 315 mm	34**	125	● 398530970900	51,5	14	21,5	6,5	7	-	5	25,75	3,0	10	10	M6	-	0,1
	34**	160	● 398530980000	65,0	20	30,0	7,5	9	8	18	28,0	5,0	32	13	M8	2,5	0,2
	34**	200	● 398530990200	85,0	22	32,0	8,0	9	10	20	42,0	5,5	40	13	M8	2,5	0,3
	34**	250	● 398531000600	87,5	26	40,0	10,0	11	12	20	41,5	5,5	40	15	M12	3,0	0,5
	34**	315	● 398531010800	125,0	32	46,0	12,0	14	12	26	69,0	7,0	54	17	M12	3,0	1,0

* Schrauben sind im Lieferumfang enthalten • Screws are included in delivery



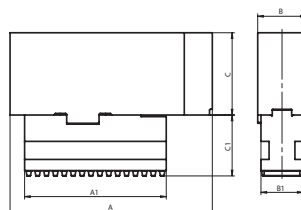
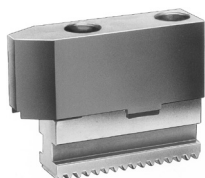


HARTE GETEILTE UMKEHRBACKEN HARD 2-PC REVERSIBLE JAWS



	BISON Futter Typ	Futtergröße	Artikel Nr.	A	A1	B	B1	C	C1	N	O	P	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.										kg / pc.
Ø 125 - 315 mm	34**	125	● 398531210000	59	51,5	20	14	36,0	21,5	7,0	16,0	31	0,3
	34**	160	● 398531220100	63	65,0	20	20	32,5	27,5	7,5	26,0	39	0,4
	34**	200	● 398531230300	72	85,0	22	22	38,5	29,5	9,5	32,0	48	0,6
	34**	250	● 398531240500	90	87,5	30	26	50,0	37,0	14,0	40,5	81	1,2
	34**	315	● 398531250700	105	125,0	35	32	53,5	43,0	15,0	40,0	95	2,1

WEICHE GETEILTE BACKEN SOFT 2-PC JAWS

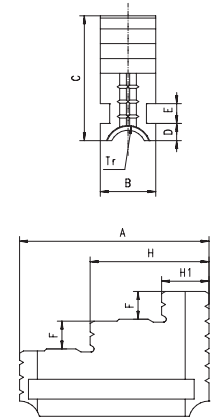


BISON Futter Typ	Futtergröße	Artikel Nr.	A	A1	B	B1	C	C1	N	O	P	kg / Stück
												kg / pc.
BISON Chuck Type	Chuck Size	Code No.										
Ø 125 - 315 mm	34**	125	● 398531270000	55	51,5	20	14	30,0	21,5			0,3
	34**	160	● 398531280200	85	65,0	20	20	35,5	27,5			0,6
	34**	200	● 398531290400	105	85,0	22	22	45,0	29,5			1,0
	34**	250	● 398531292000	125	87,5	30	26	50,0	37,0			1,7
	34**	315	● 398531294500	145	125,0	35	32	54,0	43,0			2,8





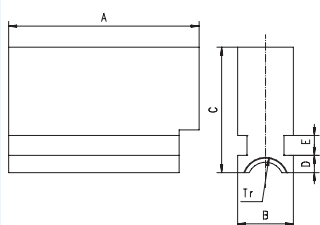
HARTE EINTEILIGE UMKEHRBACKEN
HARD SOLID JAWS • REVERSIBLE CLAMPING



	BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	LH Gewinde	H ₁	H	kg / Stück
	BISON Chuck Type	Chuck Size	Code No.							LH Thread			kg / pc.
Ø 200 - 800 mm	45*5; 47*5	200	🟡 398575150800	85	25	58	11,0	10	12	Tr 18 x 2	25,0	56,0	0,6
	46*5; 48*5	200	🟡 398575260000										
	45*5; 47*5	250	🟡 398575160000	91	28	61	10,0	10	14	Tr 18 x 2	26,5	60,0	0,8
	46*5; 48*5	250	🟡 398575270200										
	45*5; 47*5	315	🟡 398575170100	125	32	73	13,5	12	18	Tr 24 x 3	27,0	76,0	1,6
	46*5; 48*5	315	🟡 398575280400										
	45*5; 47*5	400	🟡 398575550100	145	36	90	12,0	14	22	Tr 24 x 3	35,0	98,2	1,8
	46*5; 48*5	400	🟡 398575710600										
	45*5; 47*5	500	🟡 398575560300	180	40	100	15,0	14	26	Tr 26 x 3	49,7	119,3	3,9
	46*5; 48*5	500	🟡 398575720800										
	45*5; 47*5	630	🟡 398575570500	225	50	108	14,0	14	28	Tr 26 x 3	65,0	148,0	4,5
	46*5; 48*5	630	🟡 398575730000										
	45*5; 47*5	800	🟡 398575580700	230	52	109	13	15	28	Tr 36 x 6	60	145	6,0
	46*5; 48*5	800	🟡 398575740100										

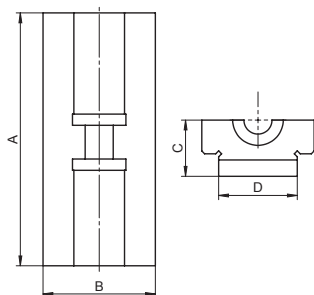


WEICHE MONOBLOCKBACKEN
SOFT SOLID JAWS



BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	G	LH Gewinde	H ₁	H	kg / Stück
BISON Chuck Type	Chuck Size	Code No.							LH Thread			kg / pc.
Ø 200 - 630 mm	45*5; 47*5	398575190500	85	25	58	11,0	10	12	Tr 18 x 2	25,0	56,0	0,6
	46*5; 48*5	398575300000										
	45*5; 47*5	398575200000	91	28	61	10,0	10	14	Tr 18 x 2	26,5	60,0	0,8
	46*5; 48*5	398575310200										
	45*5; 47*5	398575210100	125	32	73	13,5	12	18	Tr 24 x 3	27,0	76,0	1,6
	46*5; 48*5	398575320400										
	45*5; 47*5	398575610500	145	36	90	12,0	14	22	Tr 24 x 3	35,0	98,2	1,8
	46*5; 48*5	398575750300										
	45*5; 47*5	398575620700	180	40	100	15,0	14	26	Tr 26 x 3	49,7	119,3	3,9
	46*5; 48*5	398575760500										
	45*5; 47*5	398575630900	225	50	108	14,0	14	28	Tr 26 x 3	65,0	148,0	4,5
	46*5; 48*5	398575770700										

HARTE GRUNDBACKEN
HARD MASTER JAWS



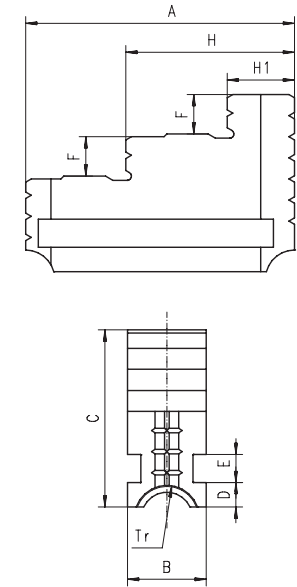
BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	kg / Stück
BISON Chuck Type	Chuck Size	Code No.					kg / pc.
Ø 200 - 800 mm	45*5; 47*5	398575230500	79	36	18	25	0,3
	46*5; 48*5	398575340800					
	45*5; 47*5	398575240700	90	40	20	28	0,4
	46*5; 48*5	398575350000					
	45*5; 47*5	398575250900	106	43	22	32	0,5
	46*5; 48*5	398575360100					
	45*5; 47*5	398575650200	129	49	23	36	0,7
	46*5; 48*5	398575810700					
	45*5; 47*5	398575660400	153	55	25	40	1,0
	46*5; 48*5	398575820900					
	45*5; 47*5	398575670600	186	64	26	50	1,6
	46*5; 48*5	398575830000					
	45*5; 47*5	398575680800	186	66	29	50	1,4
	46*5; 48*5	398575840200					




HARTE EINTEILIGE UMKEHRBACKEN
 HARD SOLID JAWS • REVERSIBLE CLAMPING


BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	H ₁	H	LH Gewinde	kg / Stück
											LH Thread	kg / pc.
BISON Chuck Type	Chuck Size	Code No.										
43**	85	● 398573100200	34,0	13	30,0	4,5	5	7	8,0	17,5	Tr 16x2	0,1
43**	100	● 398574010100	34,0	13	30,0	4,5	5	7	8,0	17,5	Tr 16x2	0,1
43**	125	● 398573110400	51,0	16	34,5	6,0	5	8	12,5	31,5	Tr 18x4	0,1
43**	160	● 398573110400	51,0	16	34,5	6,0	5	8	12,5	31,5	Tr 18x4	0,1
43**	200	● 398573120600	81,0	32	63,0	8,7	10	14	17,5	48,5	Tr 28x5	0,7
43**	250	● 398573130800	96,5	32	63,0	8,7	10	14	23,0	59,0	Tr 28x5	1,3
43**	315	● 398573140000	111,0	40	76,5	9,7	12	18	27,0	67,0	Tr 32x6	1,5
43**	350	● 398573140000	111,0	40	76,5	9,7	12	18	27,0	67,0	Tr 32x6	1,5
43**	400	● 398573150100	129,0	40	76,5	9,7	12	18	32,5	78,5	Tr 32x6	1,8
43**	500	● 398573160300	152,5	52	93,5	11,7	15	22	35,0	93,0	Tr 36x6	3,4
43**	630	● 398573170500	177,0	52	93,5	11,7	15	25	45,0	109,0	Tr 40x6	4,0
43**	800	● 398573180700	202,0	70	114,5	15,7	20	25	44,0	122,0	Tr 44x8	7,8

Ø 85 - 800 mm



1

2

3

4

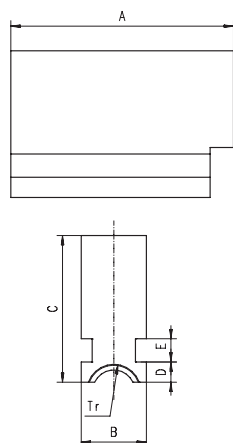
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WEICHE MONOBLOCKBACKEN
SOFT SOLID JAWS



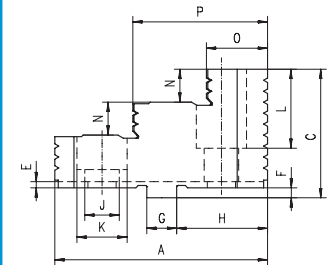
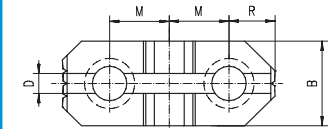
BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	H ₁	H	LH Gewinde	kg / Stück
											LH Thread	kg / pc.
BISON Chuck Type	Chuck Size	Code No.										
43**	200	● 398573020500	81,0	32	63,0	8,7	10	14	17,5	48,5	Tr 28x5	0,7
43**	250	● 398573030700	96,5	32	63,0	8,7	10	14	23,0	59,0	Tr 28x5	1,3
43**	315	● 398573040900	111,0	40	76,5	9,7	12	18	27,0	67,0	Tr 32x6	1,5
43**	400	● 398573050000	129,0	40	76,5	9,7	12	18	32,5	78,5	Tr 32x6	1,8
43**	500	● 398573060200	152,5	52	93,5	11,7	15	22	35,0	93,0	Tr 36x6	3,4
43**	630	● 398573070400	177,0	52	93,5	11,7	15	25	45,0	109,0	Tr 40x6	4,0
43**	800	● 398573080600	202,0	70	114,5	15,7	20	25	44,0	122,0	Tr 44x8	7,8

Ø 200 - 800 mm

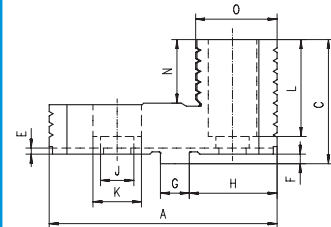

HARTE AUFSATZBACKEN
 HARD TOP JAWS


BISON Futter Typ		Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R	kg / Stück
BISON Chuck Type		Chuck Size	Code No.																	kg / pc.
Ø 200 - 1250 mm	43**	200	● 398573620000	82	34	43,5	7,95	4	3,2	12,69	35,2	11	18	21,5	22,25	9,5	22,0	53,0	19,3	0,5
	43**	250	● 398573630200	96,5	34	51,5	12,71	4	3,2	19,04	40,0	14	20	26,5	27,00	12,0	25,0	62,0	22,5	0,7
	43**	315	● 398573640400	112,5	42	55,0	12,71	4	3,2	19,04	47,9	14	20	27,5	31,75	13,0	27,0	70,5	25,7	1,3
	43**	400	● 398573650600	129	42	64,5	12,71	4	6,3	19,04	57,4	18	26	32,0	38,10	13,5	26,5	79,0	28,8	2,1
	43**	500; 630	● 398573670000	136	54	82,0	12,71	4	6,3	19,04	58,0	22	33	43,0	38,10	21,0	37,5	87,0	29,4	3,0
	43**	800	● 398573680100	136	72	88,0	12,71	4	6,3	19,04	58,0	22	33	46,0	38,10	24,0	40,0	89,0	29,4	4,2
	43**	915	● 398574490000	160	72	97,0	12,71	4	6,3	19,04	58,0	22	33	71,0	38,10	50,0	60,0	-	29,4	4,2
	43**	1000	● 398574490000	160	72	97,0	12,71	4	6,3	19,04	58,0	22	33	71,0	38,10	50,0	60,0	-	29,4	4,2
	43**	1250	● 398574490000	160	72	97,0	12,71	4	6,3	19,04	58,0	22	33	71,0	38,10	50,0	60,0	-	29,4	4,2

Ø 200 - 1250 mm



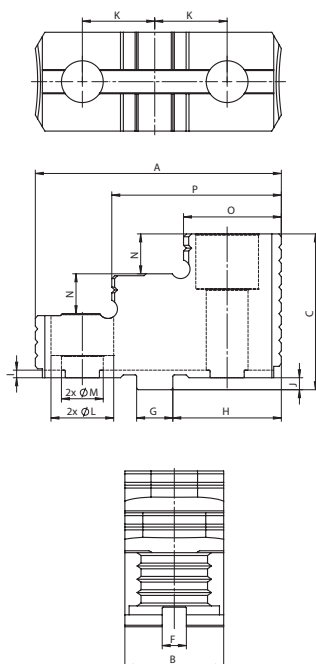
Ø 200-800



Ø 1000-1250



HARTE AUFSATZBACKEN • HD
HARD TOP JAWS • HD



BISON Futter Typ	Artikel Nr.	A	B	C	F	G	H	I	J	K	M	L	N	O	P	kg / Stück
BISON Chuck Type	Code No.															kg / pc.
4317-16"-8A2-5,3" HD																
4317-16"-11A2 DIN-6,5" HD																
4317-20"-11A2 DIN-6,5" HD																
4317-20"-15A2 DIN-10" HD																
4317-20"-15A2 DIN-8" HD	● 398573667700	135	62	82	12,71	19,04	57,1	4	6,3	38,1	22	33	21	55,9	88,7	2,74
4347-16"-8-5,3" HD																
4347-16"-11-6,5" HD																
4347-20"-8-5,3" HD																
4347-20"-11-6,5" HD																
4317-25"-15A2 DIN-10,5" HD																
4317-25"-20A2-10,5" HD																
4317-25"-20A2-12,5" HD																
4347-28"-11-7,5" HD																
4317-28"-15A2 DIN-10,5" HD																
4317-28"-20A2-12,5" HD																
4317-32"-15A2 DIN-10,5" HD																
4317-32"-20A2-12,5" HD	● 398573677900	135	75	97	12,71	19,04	57,1	4	6,3	38,1	24	35	28	57,3	89,9	4,00
4317-32"-20A2-14,5" HD																
4317-630-20A2-270 HD																
4317-40"-28A2-20,5" HD																
4307-1000-520-200 HD																
4307-1250-520-200 HD																
4317-49"-15A2 DIN-11" HD																

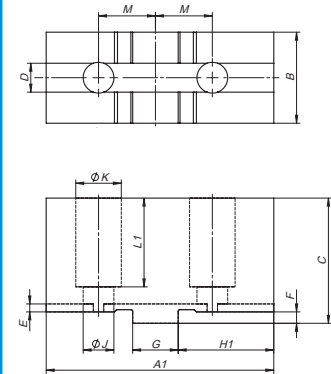
Ø 400 - 1250 mm

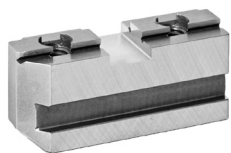


WEICHE AUFSATZBACKEN
SOFT TOP JAWS

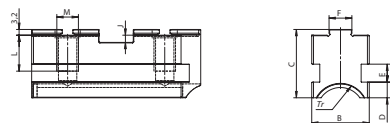


BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L1	M	kg / Stück	
BISON Chuck Type	Chuck Size	Code No.													kg / pc.	
Ø 200 - 1250 mm	43**	200	● 398538240200	90	27	43,5	7,95	4	3,2	12,69	40	11	18	31	22,25	0,7
	43**	250	● 398538250400	106	32,5	51,5	12,71	4	3,2	19,04	45	14	20	38	27	1,2
	43**	315	● 398538260600	120	37	55	12,71	4	3,2	19,04	53	14	20	40	31,75	1,6
	43**	400	● 398538270800	140	42	64,5	12,71	4	6,3	19,04	63	18	26	45,5	38,1	2,2
	43**	500	● 398538280000	140	42	74,5	12,71	4	6,3	19,04	63	22	33	56	38,1	2,4
	43**	630	● 398574370500	140	54	82	12,71	4	6,3	19,04	58	22	33	64	38,1	3,6
	43**	800	● 398574380700	140	72	88	12,71	4	6,3	19,04	58	22	33	70	38,1	5,5
	43**	915	● 398574390900	160	72	97	12,71	4	6,3	19,04	58	22	33	72	38,1	7,2
	43**	1000	● 398574390900	160	72	97	12,71	4	6,3	19,04	58	22	33	72	38,1	7,2
43**	1250	● 398574390900	160	72	97	12,71	4	6,3	19,04	58	22	33	72	38,1	7,2	

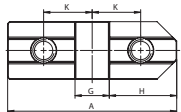




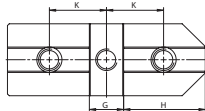
HARTE GRUNDBACKEN HARD MASTER JAWS



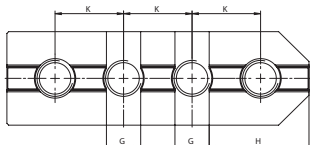
Ø 200-250



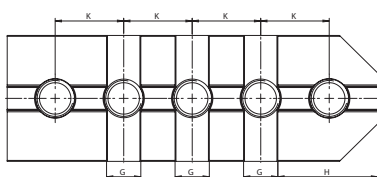
Ø 315-400



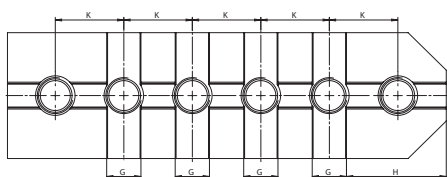
Ø 500



Ø 630-800



Ø 915-1250



BISON Futter Typ	Futtergröße	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M*	LH Gewinde	kg / Stück
BISON Chuck Type	Chuck Size	Code No.													LH Thread	kg / pc.
43**	200	● 398573520000	79	32	32	8,7	10	7,94	12,69	33,2	4,0	22,25	14	M10	Tr 28x5	0,3
43**	250	● 398573530100	94	32	38	8,7	10	12,7	19,04	37,5	4,0	27,00	20	M12	Tr 28x5	0,6
43**	315	● 398573540300	110	40	39	9,7	12	12,7	19,04	45,4	4,0	31,75	17,5	M12	Tr 32x6	0,9
43**	400	● 398573550500	129	40	44	9,7	12	12,7	19,04	54,9	7,2	38,10	22	M16	Tr 32x6	0,9
43**	500	● 398573560700	168	52	59	11,7	15	12,7	19,04	55,5	7,2	38,10	35	M20	Tr 36x6	2,4
43**	630	● 398573570900	206	52	59	11,7	15	12,7	19,04	55,5	7,2	38,10	35	M20	Tr 40x6	2,7
43**	800	● 398573580000	206	70	59	15,7	20	12,7	19,04	55,5	7,2	38,10	33,5	M20	Tr 44x8	3,8
43**	915	● 398573590200	244	70	59	15,7	20	12,7	19,04	55,5	7,2	38,10	35	M20	Tr 44x6	5,4
43**	1000	● 398573590200	244	70	59	15,7	20	12,7	19,04	55,5	7,2	38,10	35	M20	Tr 44x6	5,4
43**	1250	● 398573590200	244	70	59	15,7	20	12,7	19,04	55,5	7,2	38,10	35	M20	Tr 44x6	5,4

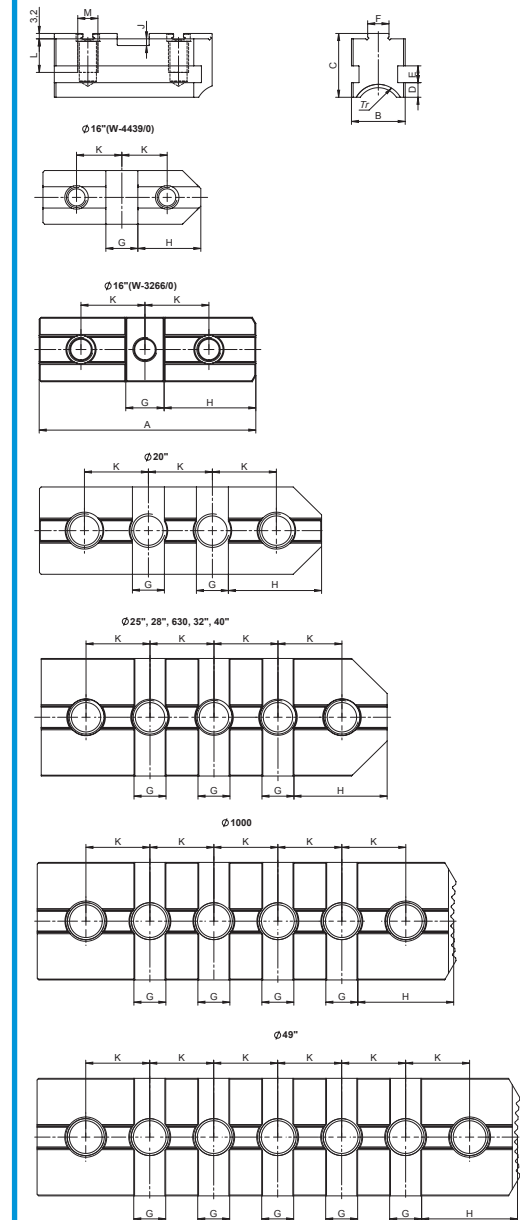
* Schrauben sind im Lieferumfang enthalten • Screws are included in delivery



HARTE GRUNDBACKEN • HD
HARD MASTER JAWS • HD

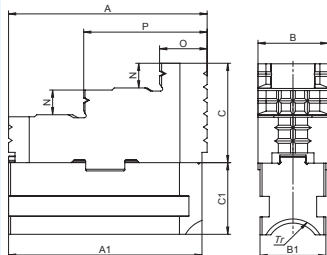
BISON Futter Typ	Artikel Nr.	A	B	C	D	E	F	G	H	J	K	L	M*	LH Gewinde	kg / Stück
														LH Thread	kg / pc.
BISON Chuck Type	Code No.														
4317-16"-8A2-5,3" HD	● 398572041300	132	60	58	15,7	20	12,7	19,04	57,1	7,2	38,1	33,5	3/4"	Tr 44x8	2,5
4347-16"-8-5,3" HD															
4347-16"-11-6,5" HD															
4317-16"-11A2 DIN-6,5" HD															
4317-20"-15A2 DIN-10" HD															
4347-20"-8-5,3" HD	● 398572046700	170	60	58	15,7	20	12,7	19,04	57,1	7,2	38,1	33,5	3/4"	Tr 44x8	3,2
4347-20"-11-6,5" HD															
4317-20"-11A2 DIN-6,5" HD															
4317-20"-15A2 DIN-8" HD															
4317-25"-15A2 DIN-10,5" HD															
4317-25"-20A2-10,5" HD	● 398573772600	208	70	61	15,7	20	12,7	19,04	57,1	7,2	38,1	33,5	7/8"	Tr 50x8	4,65
4317-25"-20A2-12,5" HD															
4317-28"-20A2-12,5" HD															
4347-28"-11-7,5" HD															
4317-28"-15A2 DIN-10,5" HD															
4317-32"-15A2 DIN-10,5" HD															
4317-32"-20A2-12,5" HD															
4317-32"-20A2-14,5" HD															
4317-40"-28A2-20,5" HD															

* Schrauben sind im Lieferumfang enthalten • Screws are included in delivery



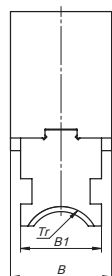
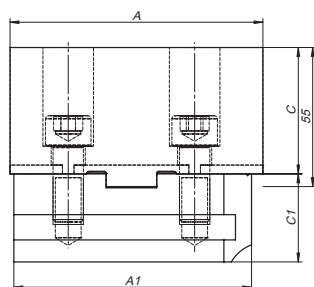


HARTE GETEILTE UMKEHRBACKEN HARD 2-PC REVERSIBLE JAWS



BISON Futter Type	Futtergröße	Artikel Nr.	A	A1	B	B1	C	C1	N	O	P	LH Gewinde	kg / Stück
												LH Thread	kg / pc.
BISON Chuck Type	Chuck Size	Code No.											
43**	200	● 398573820200	82	79	34	32	40,3	28,8	9,5	22,0	53,0	Tr 28x5	0,9
43**	250	● 398573830400	96,5	94	34	32	48,3	34,8	12,0	25,0	62,0	Tr 28x5	1,2
43**	315	● 398573840600	112,5	110	42	40	51,8	35,8	13,0	27,0	70,5	Tr 32x6	2,0
43**	400	● 398573850800	129	129	42	40	58,2	40,8	14,0	26,5	79,0	Tr 32x6	2,9
43**	500	● 398573960000	136	168	54	52	75,7	55,8	21,0	37,5	87,0	Tr 36x6	5,6
43**	630	● 398573870100	136	206	54	52	75,7	55,8	21,0	37,5	87,0	Tr 40x6	5,7
43**	800	● 398573880300	136	206	72	70	81,7	55,8	24,0	56,0	88,0	Tr 44x8	8,7
43**	915	● 398574290800	160	244	72	70	90,7	55,8	50,0	60,0	-	Tr 44x6	10,1
43**	1000	● 398574290800	160	244	72	70	90,7	55,8	50,0	60,0	-	Tr 44x6	10,1
43**	1250	● 398574290800	160	244	72	70	90,7	55,8	50,0	60,0	-	Tr 44x6	10,1

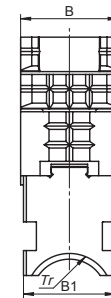
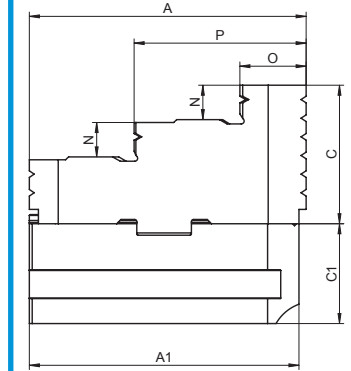
WEICHE GETEILTE BACKEN SOFT 2-PC JAWS



BISON Futter Type	Futtergröße	Artikel Nr.	A	A1	B	B1	C	C1	LH Gewinde	kg / Stück
										kg / pc.
BISON Chuck Type	Chuck Size	Code No.							LH Thread	
43**	200	● 398574122100	90	79	27	32	40,3	28,8	Tr 28x5	1,0
43**	250	● 398574132100	106	94	32,5	32	48,3	34,8	Tr 28x5	1,9
43**	315	● 398574142300	120	110	37	40	51,8	35,8	Tr 32x6	2,6
43**	400	● 398574152500	140	129	42	40	58,2	40,8	Tr 32x6	3,3
43**	500	● 398574162700	140	168	42	52	68,2	55,8	Tr 36x6	5,1
43**	630	● 398574172900	140	206	54	52	75,7	55,8	Tr 40x6	6,6
43**	800	● 398574182000	140	206	72	70	81,7	55,8	Tr 44x8	9,7
43**	915	● 398574196300	160	244	72	70	90,7	55,8	Tr 44x6	12,9
43**	1000	● 398574196300	160	244	72	70	90,7	55,8	Tr 44x6	12,9
43**	1250	● 398574196300	160	244	72	70	90,7	55,8	Tr 44x6	12,9


HARTE GETEILTE UMKEHRBACKEN • HD
 HARD 2-PC REVERSIBLE JAWS • HD

	BISON Futter Typ	Artikel Nr.	A	A1	B	B1	C	C1	N	O	P	LH Gewinde	kg / Stück
	BISON Chuck Type	Code No.										LH Thread	kg / pc.
Ø 400 - 1250 mm	4347-16"-8-5,3" HD	● 398573865300	135	132	62	60	75,7	54,8	21	55,9	88,7	Tr 44x8	5,61
	4317-16"-8A2-5,3" HD												
	4317-16"-11A2 DIN-6,5" HD												
	4347-16"-11-6,5" HD												
	4347-20"-8-5,3" HD	● 398573866600	135	170	62	60	75,7	54,8	21	55,9	88,7	Tr 44x8	6,30
	4347-20"-11-6,5" HD												
	4317-20"-11A2 DIN-6,5" HD												
	4317-20"-15A2 DIN-10" HD												
	4317-20"-15A2 DIN-8" HD												
	4317-25"-15A2 DIN-10,5" HD	● 398573855100	135	208	75	70	90,7	57,8	28	57,3	89,9	Tr 50x8	9,17
	4317-25"-20A2-10,5" HD												
	4317-25"-20A2-12,5" HD												
	4347-28"-11-7,5" HD												
	4317-28"-15A2 DIN-10,5" HD												
	4317-28"-20A2-12,5" HD												
	4317-32"-15A2 DIN-10,5" HD												
	4317-32"-20A2-12,5" HD												
	4317-32"-20A2-14,5" HD												
	4317-40"-28A2-20,5" HD												



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SDT HD