



BEST OF 2015

January – December

New manufacturing plant

- 53,000 sq. metre site
- 33,600 sq. metre of manufacturing
- Foundry, Heat Treatment & Plant Shop
(read more on p.2/3)

This is a selection of our most popular products

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QUICKCHANGE TOOLPOSTS

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Best of 2015

Welcome to BISON Empowered By Precision

BISON opens new manufacturing facility making it one of the most technologically advanced manufacturers of clamping solution in the world.

Not just lathe chucks

Built on over 65 years experience BISON is today one of the world's leading providers of clamping technology solutions. Founded in 1948 in Poland BISON grew to be a trusted quality supplier of self-centring chucks and vices to markets in Eastern Europe. In Western Europe and the U.S. BISON has been accepted as an influential supplier of quality clamping solutions since the early 1980s. Following privatisation in 1997 and the appointment of an international management team in 2007 the company was re-structured to increase efficiency, productivity and quality. Meanwhile, the product range has continued to expand and now includes power chucks, large & special chucks, toolholders, CNC vices, spindle tooling and an extensive chuck jaw programme including jaws to suit chucks manufactured by Schunk, Röhm, Forkhardt, Kitagawa, plus others.

Most modern technology

As part of a major company restructuring and a huge investment of over 40 Million Euro BISON has re-located to brand new purpose built facilities within the last quarter of 2014. Our new 53.000 sqm factory for clamping solution production incorporates a new hi-tech cast iron foundry together with the most modern heat treatment facility in Europe. The Machine Shop is equipped with several state of the art multi-functional 5-axis vertical and horizontal CNC-machining centres capable of machining work pieces to 3200mm in diameter. The investment also included a significant upgrade of the inspection department to ensure our high quality is consistent and meets the demands of our customers.

Worldwide presence

In the Global marketplace BISON provides clamping solutions to over 70 countries around the world. With our network of independent national sales offices , giving us a better understanding of local culture and business practices, we are able to expertly service local markets making it easier for you our valued customer.



BISON your partner for the future

New Manufacturing Plants

- 53.0000 sq meter
- Built 2014
- Over 500 employees (BISON Group)

New Machinery (among others)

- Multifunctional CNC-Centres
- Double Column Turning Centre
- 5-Axis-Machining Centre
- Multitasking Turning Centre
- Vertical-Horizontal Centre
- Diameter from 80mm – 3200mm



Cast Iron Foundry

- CNC milling plotter for preparation of casting models
- Induction furnace for cast iron melting (2 x 2ton)
- Automatic boxless moulding line (1000x1000x300/300)
- 300 moulds/h
- Hand forming stand (boxes up to 2500x2500mm)
- Electric furnace for heat treatment of castings



Hardening & Heat Treatment

- Pre Nit LPC vacuum carburizing of work pieces with diameter of 1200 mm and length of 1200 mm with maximum weight of 900 kg
- Hardening of work pieces in a vacuum with dimensions 600 mm x 900 mm x 600 mm with maximum weight of 500 kg
- Induction hardening: Work pieces with length up to 2000 mm
- Guide ways in chuck bodies with diameter up to 2500 mm and thickness 500 mm with maximum weight of 8000 kg

3204 – SELF-CENTRING SCROLL CHUCK - 3 JAW



Cast iron, plain back, rear mount, solid jaw C/W Set hard outside jaws, hard inside jaws & wrench. Ground working surfaces. Mounting from back with adapter plate.

Code	Diameter mm	Bore mm
3204-80	80	16
3204-100	100	20
3204-125	125	32
3204-160	160	42
3204-200	200	55
3204-250	250	76
3204-315	315	103
3204-400	400	136
3204-500	500	190
3204-630	630	252

3504 – SELF-CENTRING SCROLL CHUCK - 3 JAW



Steel, plain back, rear mount, solid jaw C/W Set hard outside jaws, hard inside jaws & wrench. Ground working surfaces. Mounting from back with adapter plate.

Code	Diameter mm	Bore mm
3504-80	80	16
3504-100	100	20
3504-125	125	35.5
3504-160	160	42
3504-200	200	55
3504-250	250	76
3504-315	315	103
3504-400	400	136
3504-500	500	190
3504-630	630	252

3274 – SELF-CENTRING SCROLL CHUCK - 3 JAW



Cast iron, plain back, front mount, solid jaw C/W Set hard outside jaws, hard inside jaws & wrench. Ground working surfaces. Mounting from back or front using an adapter plate.

Code	Diameter mm	Bore mm
3274-80	80	16
3274-100	100	20
3274-125	125	32
3274-160	160	42
3274-200	200	55
3274-250	250	76
3274-315	315	103
3274-400	400	136
3274-500	500	190
3274-630	630	252

3575 – SELF-CENTRING SCROLL CHUCK - 3 JAW



Steel, plain back, front mount, 2 piece jaw C/W Set hard reversible jaws & wrench. Ground working surfaces. Mounting from back or front by using an adapter plate.

Code	Diameter mm	Bore mm
3575-125	125	35.5
3575-160	160	42
3575-200	200	55
3575-250	250	76
3575-315	315	103
3575-400	400	136
3575-500	500	190
3575-630	630	252

3205 – SELF-CENTRING SCROLL CHUCK - 3 JAW



Cast iron, plain back, rear mount, 2 piece jaw C/W Set hard top reversible jaws & wrench. Ground working surfaces. Mounting from back with adapter plate.

Code	Diameter mm	Bore mm
3205-125	125	32
3205-160	160	42
3205-200	200	55
3205-250	250	76
3205-315	315	103
3205-400	400	136
3205-500	500	190
3205-630	630	252

3505 – SELF-CENTRING SCROLL CHUCK - 3 JAW



Steel, plain back, rear mount, 2 piece jaw C/W Set hard top reversible jaws & wrench. Ground working surfaces. Mounting from back with adapter plate.

Code	Diameter mm	Bore mm
3505-125	125	35.5
3505-160	160	42
3505-200	200	55
3505-250	250	76
3505-315	315	103
3505-400	400	136
3505-500	500	190
3505-630	630	252

3275 – SELF-CENTRING SCROLL CHUCK - 3 JAW



Cast iron, plain back, front mount, 2 piece jaw C/W Set hard reversible jaws & wrench. Ground working surfaces. Mounting from back or front by using an adapter plate.

Code	Diameter mm	Bore mm
3275-125	125	32
3275-160	160	42
3275-200	200	55
3275-250	250	76
3275-315	315	103
3275-400	400	136
3275-500	500	190
3275-630	630	252

3266 – 3 JAW LEVER SCROLL CHUCK



For grinding twist drills and other cutting tools. Fine adjustment on sizes 125, 160 & 200mm C/W Set hard outside, hard inside jaws and lever.

Code	Diameter mm
3266-80	80
3266-100	100
3266-125	125
3266-160	160

3604 – SELF-CENTRING SCROLL CHUCK - 4 JAW



Cast iron, plain back, rear mount, solid jaw.
C/W Set hard outside, hard inside jaws & wrench.
Ground working surfaces. Mounting from back or front by using an adapter plate.

Code	Diameter mm	Bore mm
3604-125	125	32
3604-160	160	42
3604-200	200	55
3604-250	250	76
3604-315	315	103
3604-400	400	136
3604-500	500	190
3604-630	630	252

3704 – SELF CENTRING SCROLL CHUCK – 4 JAW



Steel, plain back, rear mount, solid jaw.
C/W Set hard outside, hard inside jaws & wrench.
Ground working surfaces. Mounting from back or front by using an adapter plate.

Code	Diameter mm	Bore mm
3704-125	125	35.5
3704-160	160	42
3704-200	200	55
3704-250	250	76
3704-315	315	103
3704-400	400	136
3704-500	500	190
3704-630	630	252

4304 – INDEPENDENT CHUCK - 4 JAW



Cast iron, plain back, solid jaw. C/W Set hard solid reversible jaws & wrench. Ground working surfaces. Mounting from front or back with an adapter plate.

Code	Diameter mm	Bore mm
4304-200	200	50
4304-250	250	65
4304-315	315	80
4304-400	400	100
4304-500	500	125
4304-630	630	160

4306 – INDEPENDENT CHUCK – 4 JAW



Steel, plain back, solid jaw. C/W Set hard solid reversible jaws & wrench. Ground working surfaces. Mounting from front or back with an adapter plate.

Code	Diameter mm	Bore mm
4306-80	80	20
4306-85	85	25
4306-100	100	25
4306-125	125	26
4306-160	160	42
4306-200	200	50
4306-250	250	65
4306-315	315	80
4306-400	400	100

3804 – SELF CENTRING SCROLL CHUCK 6-JAW



Cast iron, plain back, rear mount, solid jaw.
C/W Set hard outside, hard inside jaws and wrench.
Ground working surfaces. Mounting from rear with an adapter plate.

Code	Size mm	Bore mm
3804-200	200	55
3804-250	250	76
3804-315	315	103
3804-400	400	136

3864 – SELF CENTRING SCROLL CHUCK 6-JAW



Steel, fine adjustment chuck for use with fine adjustment adapter. Plain back, front mount.
C/W Set hard outside, hard inside jaws and wrench.

Code	Size mm	Bore mm
3864-125	125	35
3864-160	160	42
3864-200	200	55
3864-250	250	76
3864-315	315	103
3864-400	400	136

3866 – 6-JAW LEVER SCROLL CHUCK



For grinding twist drills and other cutting tools.
Fine adjustment on sizes 125, 160 & 200mm
C/W Set hard solid jaws and operating lever.

Code	Size mm
3866-80	80
3866-100	100
3866-125	125
3866-160	160

3867 – SELF CENTRING SCROLL CHUCK 6-JAW



For grinding twist drills and other cutting tools.
Wrench operated, plain back front mount.
C/W Set of hard solid jaws and wrench.

Code	Size mm
3867-85	85
3867-110	110
3867-160	160



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3244 – 3 JAW SCROLL CHUCK CAMLOCK MOUNT



Cast iron, solid jaw, DIN 55029 Camlock mount (no adapter needed). C/W Set hard outside jaws, hard inside jaws & wrench. Ground working surfaces.

Code	Chuck Size mm	Camlock Mount
3244-125-3	125	D1-3
3244-125-4	125	D1-4
3244-160-3	160	D1-3
3244-160-4	160	D1-4
3244-160-5	160	D1-5
3244-200-4	200	D1-4
3244-200-5	200	D1-5
3244-200-6	200	D1-6
3244-250-6	250	D1-6
3244-250-8	250	D1-8
3244-315-6	315	D1-6
3244-315-8	315	D1-8
3244-315-11	315	D1-11

3245 – 3 JAW SCROLL CHUCK CAMLOCK MOUNT



Cast iron, 2 piece jaw, DIN 55029 Camlock mount (no adapter needed). C/W Set hard reversible jaws & wrench. Ground working surfaces.

Code	Chuck Size mm	Camlock Mount
3245-125-3	125	D1-3
3245-125-4	125	D1-4
3245-160-3	160	D1-3
3245-160-4	160	D1-4
3245-160-5	160	D1-5
3245-200-4	200	D1-4
3245-200-5	200	D1-5
3245-200-6	200	D1-6
3245-250-6	250	D1-6
3245-250-8	250	D1-8
3245-315-6	315	D1-6
3245-315-8	315	D1-8
3245-315-11	315	D1-11

3544 – 3 JAW SCROLL CHUCK CAMLOCK MOUNT



Steel, solid jaw, DIN 55029 Camlock mount (no adapter needed). C/W Set hard outside jaws, hard inside jaws & wrench. Ground working surfaces.

Code	Chuck Size mm	Camlock Mount
3544-125-3	125	D1-3
3544-125-4	125	D1-4
3544-160-3	160	D1-3
3544-160-4	160	D1-4
3544-160-5	160	D1-5
3544-200-4	200	D1-4
3544-200-5	200	D1-5
3544-200-6	200	D1-6
3544-250-6	250	D1-6
3544-250-8	250	D1-8
3544-315-6	315	D1-6
3544-315-8	315	D1-8
3544-315-11	315	D1-11

3545 – 3 JAW SCROLL CHUCK CAMLOCK MOUNT



Steel, 2 piece jaw, DIN 55029 Camlock mount (no adapter needed). C/W Set hard reversible jaws & wrench. Ground working surfaces.

Code	Chuck Size mm	Camlock Mount
3545-125-3	125	D1-3
3545-125-4	125	D1-4
3545-160-3	160	D1-3
3545-160-4	160	D1-4
3545-160-5	160	D1-5
3545-200-4	200	D1-4
3545-200-5	200	D1-5
3545-200-6	200	D1-6
3545-250-6	250	D1-6
3545-250-8	250	D1-8
3545-315-6	315	D1-6
3545-315-8	315	D1-8
3545-315-11	315	D1-11

4344 – 4 JAW INDEPENDENT CHUCK CAMLOCK MOUNT



Cast iron, solid jaw, DIN 55029 Camlock mount (no adapter needed). C/W Set hard reversible jaws & wrench. Ground working surfaces.

Code	Chuck Size mm	Camlock Mount
4344-200-4	200	D1-4
4344-200-5	200	D1-5
4344-200-6	200	D1-6
4344-250-5	250	D1-5
4344-250-6	250	D1-6
4344-250-8	250	D1-8
4344-315-6	315	D1-6
4344-315-8	315	D1-8
4344-315-11	315	D1-11



4505 – 3 JAW COMBINATION (WESTCOTT) SCROLL CHUCK



Cast iron, 3 jaw scroll chuck with the ability to independently set each jaw in position. Used for repeat clamping of off centre or irregular shaped parts. C/W set of hard reversible jaws & wrench. Cast iron, solid jaw, plain back, rear mount. Mounted with the use of an adapter plate.

Code	Diameter mm	Bore mm
4505-200	200	55
4505-250	250	76
4505-315	315	103
4505-400	400	136

4705 – 3 JAW COMBINATION (WESTCOTT) SCROLL CHUCK



Steel, 3 jaw scroll chuck with the ability to independently set each jaw in position. Used for repeat clamping of off centre or irregular shaped parts. C/W set of hard reversible jaws & wrench. Steel, solid jaw, plain back, rear mount. Mounted with the use of an adapter plate.

Code	Diameter mm	Bore mm
4705-200	200	55
4704-250	250	76
4705-315	315	103
4705-400	400	136

4605 – 4 JAW COMBINATION (WESTCOTT) SCROLL CHUCK



Cast iron, 4 jaw scroll chuck with the ability to independently set each jaw in position. Used for repeat clamping of off centre or irregular shaped parts. C/W set of hard reversible jaws & wrench. Cast iron, solid jaw, plain back, rear mount. Mounted with the use of an adapter plate.

Code	Diameter mm	Bore mm
4605-200	200	55
4604-250	250	76
4605-315	315	103
4605-400	400	136

4805 – 4 JAW COMBINATION (WESTCOTT) SCROLL CHUCK



Steel, 4 jaw scroll chuck with the ability to independently set each jaw in position. Used for repeat clamping of off centre or irregular shaped parts. C/W set of hard reversible jaws & wrench. Steel, solid jaw, plain back, rear mount. Mounted with the use of an adapter plate.

Code	Diameter mm	Bore mm
4805-200	200	55
4804-250	250	76
4805-315	315	103
4805-400	400	136

9157 – MT ROTATING ADAPTER



For use with plain back front mounting self-centring scroll chucks 3274, 3275, 3574, 3575, 3674, 3675, 3774 & 3775. Chuck is not included.

Code	Chuck Size mm	MT
9157-100-3 AEM	100	3
9157-100-4 AEM	100	4
9157-125-4 AEM	125	4
9157-125-5 AEM	125	5
9157-160-4 AEM	160	4
9157-160-5 AEM	160	5
9157-200-5 AEM	200	5
9157-250-6 AEM	250	6

9156 – MT DEAD ADAPTER (NON ROTATING)



For use with plain back front mounting self-centring scroll chucks 3274, 3275, 3574, 3575, 3674, 3675, 3774 & 3775. Chuck is not included.

Code	Chuck Size mm	MT
9156-80-2 AEM	80	2
9156-100-2 AEM	100	2
9156-100-3 AEM	100	3
9156-125-4 AEM	125	4
9156-160-4 AEM	160	4
9156-160-5 AEM	160	5
9156-200-5 AEM	200	5
9156-250-6 AEM	250	6

3911 – COLLET CHUCK



For use with 5C collets, C/W wrench. Plain back front or rear mount.

Code	Diameter mm	Collet
3911-125-5C	125	5C

3960 – COLLET CHUCK WITH FINE ADJUSTMENT



For use with 5C collets, C/W wrench, plain back mount. Will need to mount using fine adjustment adapter from the front.

Code	Diameter mm	Collet
3960-125-5C	125	5C



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8240-X - FULLY FINISHED ADAPTER



For use with plain back self centring scroll chucks, front or rear mounted. DIN 55029 Camlock mount.

Code	Chuck size mm	Camlock mount
8240-125-3-X	125	D1-3
8240-125-4-X	125	D1-4
8240-160-4-X	160	D1-4
8240-160-5-X	160	D1-5
8240-200-4-X	200	D1-4
8240-200-5-X	200	D1-5
8240-200-6-X	200	D1-6
8240-250-5-X	250	D1-5
8240-250-6-X	250	D1-6
8240-250-8-X	250	D1-8
8240-315-6-X	315	D1-6
8240-315-8-X	315	D1-8
8240-315-11-X	315	D1-11

For complete range of adapters including A, C & D type see main catalogue.

8247- FULLY FINISHED ADAPTER



For use with plain back independent chucks. DIN 55029 Camlock mount.

Code	Chuck size mm	Camlock mount
8247-200-4	200	D1-4
8247-200-5	200	D1-5
8247-200-6	200	D1-6
8247-250-5	250	D1-5
8247-250-6	250	D1-6
8247-250-8	250	D1-8
8247-315-6	315	D1-6
8247-315-8	315	D1-8
8247-315-11	315	D1-11
8247-400-8	400	D1-8
8247-400-11	400	D1-11
8247-500-8	500	D1-8
8247-500-11	500	D1-11
8247-500-15	500	D1-15
8247-630-11	630	D1-11
8247-630-15	630	D1-15

For complete range of adapters including A, C & D type see main catalogue.

SJM – SOFT SOLID JAWS



For use with BISON 3 jaw self-centring chucks 32-- & 35-- series.

Code	Chuck size mm
SJM 3200 3500-80	80
SJM 3200 3500-100	100
SJM 3200 3500-125	125
SJM 3200 3500-160	160
SJM 3200 3500-200	200
SJM 3200 3500-250	250
SJM 3200 3500-315	315
SJM 3200 3500-400	400
SJM 3200 3500-500	500
SJM 3200 3500-630	630

SGM – SOFT TOP JAWS



****FOR USE WITH CHUCKS WITH A TWO PIECE JAW****

For use with BISON 3 jaw self-centring chucks 32-- & 35-- series.

Code	Chuck size mm
SGM 3200 3500-125	125
SGM 3200 3500-160	160
SGM 3200 3500-200	200
SGM 3200 3500-250	250
SGM 3200 3500-315	315
SGM 3200 3500-400	400
SGM 3200 3500-500	500
SGM 3200 3500-630	630

SJZ – HARD SOLID OUTSIDE JAWS

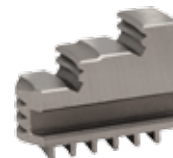


****HIGH STEP OF JAW TO CENTRE OF CHUCK****

For use with BISON 3 jaw self-centring chucks 32-- & 35-- series.

Code	Chuck size mm
SJZ 3200 3500-80	80
SJZ 3200 3500-100	100
SJZ 3200 3500-125	125
SJZ 3200 3500-160	160
SJZ 3200 3500-200	200
SJZ 3200 3500-250	250
SJZ 3200 3500-315	315
SJZ 3200 3500-400	400
SJZ 3200 3500-500	500
SJZ 3200 3500-630	630

SJW – HARD SOLID INSIDE JAWS



****HIGH STEP OF JAW TO OUTSIDE OF CHUCK****

For use with BISON 3 jaw self-centring chucks 32-- & 35-- series.

Code	Chuck size mm
SJW 3200 3500-80	80
SJW 3200 3500-100	100
SJW 3200 3500-125	125
SJW 3200 3500-160	160
SJW 3200 3500-200	200
SJW 3200 3500-250	250
SJW 3200 3500-315	315
SJW 3200 3500-400	400
SJW 3200 3500-500	500
SJW 3200 3500-630	630

3295 – SELF-CENTRING SCROLL CHUCK - 3 JAW OIL COUNTRY CHUCK WITH LARGE BORE



Cast iron, plain back, rear mount, 2 piece jaws
C/W Set base jaws, soft top jaws & wrench.
High gripping forces and high accuracy.
Ground working surfaces. Mounting from back
with adapter plate.

Code	Diameter mm	Bore mm
3295-400	400	220
3295-500	500	320
3295-660	660	406

4317 – INDEPENDENT CHUCK – 4 JAW OIL COUNTRY CHUCK WITH LARGE BORE HD

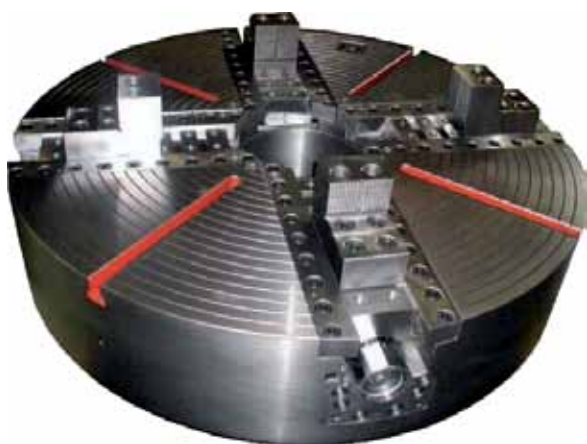


Steel, A2 mount, 2 piece jaws. C/W Set base jaws,
hard reversible top jaws & wrench. High gripping
force and high accuracy for heavy duty opera-
tions. Ground working surfaces.
Other sizes available.

Code	Diameter mm	Bore mm	Mount
4317-20-15-8-HD	20"	8"	A2-15
4317-25-15-10.5-HD	25"	10.5"	A2-15
4317-25-20-10.5-HD	25"	10.5"	A2-20
4317-25-20-12.5-HD	25"	12.5"	A2-20
4317-32-20-12.5-HD	32"	12.5"	A2-20
4317-32-20-14.5-HD	32"	14.5"	A2-20

SPECIAL DESIGN CHUCKS

Special Chucks can be designed and manufactured up to 3 meters in diameter to meet your requirements. To start the process of obtaining a price simply complete the special request form on page 74 of the 2014 main catalogue and fax or email or if you need some assistance contact us and we can arrange for a sales engineer to call. Below are examples of special Chucks previously designed and manufactured.





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2405 – K POWER CHUCK



3 Jaw, 60° serrations, with through hole. Plain back will require an adapter to mount to machine. Compatible with Kitagawa jaws.

Code	Diameter mm	Bore mm	Jaw Stroke mm
2405-160-45K	160	45	3.5
2405-200-52K	200	52	5
2405-250-75K	250	75	6
2405-315-91K	315	91	6

2405 – K ZW POWER CHUCK



3 Jaw, 60° serrations, with large through hole. Plain back will require an adapter to mount to machine. Compatible with Kitagawa jaws.

Code	Diameter mm	Bore mm	Jaw Stroke mm
2405-160-53K	160	53	3.5
2405-200-66K	200	66	5
2405-250-81K	250	81	6
2405-315-110K	315	110	6

2605 – K POWER CHUCK



4 Jaw, 60° serrations, with through hole. Plain back will require an adapter to mount to machine. Compatible with Kitagawa jaws.

Code	Diameter mm	Bore mm	Jaw Stroke mm
2605-160-45K	160	45	3.5
2605-200-52K	200	52	5
2605-250-75K	250	75	6
2605-315-91K	315	91	6

Available from our standard range of power chucks are 2, 3 & 4 jaw with through or without through hole, power chucks with integrated pneumatic cylinder, Wescot style power chucks and power chucks with gear transmission.

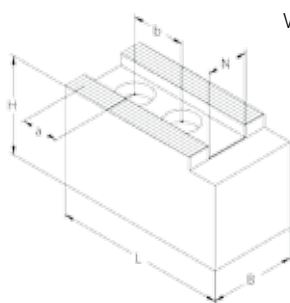


SPECIAL POWER CHUCKS

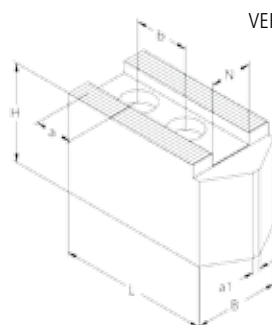
Special Power Chucks can be designed and manufactured to meet your requirements. To obtain a price please contact us, and we will arrange for a sales engineer to phone you or visit to discuss your requirements. Below are examples of special Power Chucks previously designed and manufactured.



JAWS FOR POWER CHUCKS



VERSION 1



VERSION 2

Code	Type	Chuck size mm	Version	Length mm	Width mm	Height mm	Slot width mm	Hole centres mm	Screw size	Serration
398521853300	SGM 2605-160-45K	160	2	65	40	40	12	20	M10	1.5x60°
398521875200	SGM 2605-200-52K	200	2	95	40	40	14	25	M12	1.5x60°
398521885400	SGM 2605-250-75K	250	2	105	50	50	16	30	M12	1.5x60°
398521896900	SGM 2605-315-91K	315	2	110	50	50	21	30	M16	1.5x60°

Code	Type	Kitagawa Type	Version	Length mm	Width mm	Height mm	Slot width mm	Hole centres mm	Screw size	Serration
398525013100	SGM MVS 110-10-01	KSJ-205	2	55	25	31	10	14	M8	1.5x60°
398525014400	SGM MVS 110-10-02	KSJ-205H	2	55	22	47	10	14	M8	1.5x60°
398525015700	SGM MVS 135-10-01	KSJ-5	2	57	25	32	10	18	M8	1.5x60°
398525030700	SGM MPS 160-12-01	KSJ-6H	1	72	35	60	12	20	M10	1.5x60°
398525031000	SGM MPS 160-12-02	KSJ-6	1	72	32	32	12	20	M10	1.5x60°
398525034800	SGM MVS 160-12-01	KSJ-6L	2	82	32	32	12	20	M10	1.5x60°
398525038900	SGM MPS 200-14-02	KSJ-8	1	95	35	40	14	25	M12	1.5x60°
398525039100	SGM MPS 200-14-03	KSJ-8H	1	95	38	80	14	25	M12	1.5x60°
398525045200	SGM MVS 200-14-01	KSJ-8L	2	102	35	38	14	25	M12	1.5x60°
398525057000	SGM MPS 250-16-03	KSJ-10H	1	110	38	78	16	30	M12	1.5x60°
398525059500	SGM MPS 250-16-05	KSJ-10	1	110	40	42	16	30	M12	1.5x60°
398525065600	SGM MVS 250-16-01	KSJ-10L	2	125	40	42	16	30	M12	1.5x60°
398525072000	SGM MPS 315-18-01	KSJ-12	1	130	50	50	18	30	M14	1.5x60°
398525073200	SGM MPS 315-18-02	KSJ-12H	1	130	50	80	18	30	M14	1.5x60°
398525086200	SGM MPS 315-21-02	KSJ-212	1	129	48	60	21	30	M16	1.5x60°
398525088800	SGM MPS 315-21-04	KSJ-212H	1	129	48	78	21	30	M16	1.5x60°
398525092300	SGM MVS 315-21-01	KSJ-212L	2	145	48	48	21	30	M16	1.5x60°

Code	Type	Chuck size mm	Version	Length mm	Width mm	Height mm	Slot width mm	Hole centres mm	Screw size	Serration
398521511800	SGM 2405-160-45K	160	2	65	40	40	12	20	M10	1.5x60°
398521521000	SGM 2405-200-52K	200	2	95	40	40	14	25	M12	1.5x60°
398521531100	SGM 2405-250-75K	250	2	105	50	50	16	30	M12	1.5x60°
398521541300	SGM 2405-315-91K	315	2	110	50	50	21	30	M16	1.5x60°

Code	Type	Chuck size mm	Clamp range mm	Length mm	Width mm	Height mm	Slot width mm	Hole centres mm	Screw size	Serration
398521609900	SW KB 160K 28-55	160	28-55	74	40	49	12	20	M10	1.5x60°
398521612100	SW KB 160K 36-68	160	36-68	68	40	49	12	20	M10	1.5x60°
398521613400	SW KB 160K 50-81	160	50-81	70	40	49	12	20	M10	1.5x60°
398521614700	SW KB 160K 63-97	160	63-97	60	40	49	12	20	M10	1.5x60°
398521615000	SW KB 160K 80-112	160	80-112	60	40	49	12	20	M10	1.5x60°
398521716300	SW KB 200K 29-72	200	29-72	83	40	49	14	25	M12	1.5x60°
398521714800	SW KB 200K 63-100	200	63-100	69	40	49	14	25	M12	1.5x60°
398521713500	SW KB 200K 92-129	200	92-129	57	40	49	14	25	M12	1.5x60°
398521717600	SW KB 200K 111-158	200	111-158	50	40	49	14	25	M12	1.5x60°
398521715000	SW KB 200K 150-189	200	150-189	73.5	40	49	14	25	M12	1.5x60°
398521722400	SW KB 250K 40-94	250	40-94	97	40	59	16	30	M12	1.5x60°
398521723700	SW KB 250K 78-130	250	78-130	78	40	59	16	30	M12	1.5x60°
398521724000	SW KB 250K 121-173	250	121-173	67	40	59	16	30	M12	1.5x60°
398521725200	SW KB 250K 166-215	250	166-215	66.5	40	59	16	30	M12	1.5x60°
398521726500	SW KB 250K 203-252	250	203-252	85.5	40	59	16	30	M12	1.5x60°
398521732600	SW KB 315K 41-127	315	41-127	120	50	59	21	30	M16	1.5x60°
398521733900	SW KB 315K 89-181	315	89-181	95	50	59	21	30	M16	1.5x60°
398521734100	SW KB 315K 153-245	315	153-245	75	50	59	21	30	M16	1.5x60°
398521735400	SW KB 315K 219-300	315	219-300	85	50	59	21	30	M16	1.5x60°

For full range, please visit www.myjawfinder.com

6620 – PRECISION VICE



Designed for precision grinding and milling. Can be ganged or paired. Upgraded successor to the 6577 vice.

Code	Jaw width mm	O/all length mm	Opening mm
6620-100-320-165	100	320	165
6620-125-335-165	125	335	165
6620-150-425-210	150	425	210
6620-150-475-260	150	475	260
6620-150-520-305	150	520	305
6620-200-535-260	200	535	260
6620-200-585-310	200	585	310
6620-200-635-360	200	635	360

6622 – PRECISION VICE



Movable jaw element. For use with 6624. Revised and upgraded successor of 6568.

Code	Jaw width mm	Base length mm
6622-100	100	140
6622-125	125	160
6622-150	150	210
6622-200	200	240

6910 – MACHINE VICE



Prismatic guidance of movable jaw, fully covered lead screw. Jaws hardened and ground for accuracy and repeatability. C/W adjustable end-stop, hand crank & slot nuts.

Code	Jaw width mm	Opening mm
6910-105	105	75
6910-155	155	165
6910-210	210	205

6624 – PRECISION VICE



Fixed jaw element. For use with 6622. Revised and upgraded successor of 6569-M.

Code	Jaw width mm	Base length mm
6624-100	100	163
6624-125	125	170
6624-150	150	221.5
6624-200	200	253.5

6530 – TWO ANGLE SWIVEL VICE



Up to 90° angle of incline and 360° swivel. Designed for milling and drilling, when two angle setting is required. C/W handcrank and slot nuts.

Code	Jaw width mm	Opening mm
6530-100	100	80
6530-125	125	100
6530-160	160	125

6522 – TWO PIECE VICE



Facilitates the utilisation of the full length of the machine bed. C/W handcrank and slot nuts.

Code	Jaw width mm	O/all height mm
6522-160	160	80
6522-200	200	100

6540 – QUICK ACTING VICE



Initial clamping by movable jaw. Final clamping by lever movement.

Code	Jaw width mm	Opening mm
6540-80	80	80
6540-100	100	125
6540-125	125	150
6540-160	160	160

6542 – QUICK ACTING VICE



Clamping by single rotary movement of lever. V in fixed jaw for round work.

Code	Jaw width mm	Opening mm
6542-80	80	80
6542-100	100	100

6512 – MACHINE VICE



For use on milling machines, drill presses, etc. Grooved jaw inserts. Lead screw protected against dirt & chips. C/W handcrank & slot nuts.

Code	Jaw width mm	Opening mm
6512-100	100	80
6512-125	125	95
6512-160	160	125
6512-200	200	160
6512-250	250	200

6516 – MACHINE VICE WITH HYDRAULIC SPINDLE



Built in hydraulic spindle makes operation of vice very easy. Adjustment of clamping range by means of two pins. C/W handcrank & slot nuts.

Code	Jaw width mm	Opening mm
6516-M125	125	205
6516-M160	160	280
6516-M200	200	375

6517 – CAMLOCK MACHINE VICE



Rear jaw can be positioned using a cam-locking system. Reversible jaw inserts smooth one side and grooved the other. C/W handcrank & slot nuts.

Code	Jaw width mm	Opening mm
6517-M100	100	125
6517-M125	125	160
6517-M160	160	180
6517-M200	200	280

6531 – SELF-CENTRING VICE



360° swivel base. Removable grooved jaw inserts. Designed for various types of milling. C/W handcrank & slot nuts.

Code	Jaw width mm	Opening mm
6531-125	125	100
6531-160	160	125
6531-200	200	160

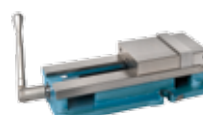
6546 – SHAFT HOLDING VICE



Can be used in horizontal and vertical position. Hardened and ground jaws & V block. C/W handcrank & slot nuts.

Code	Jaw length mm	Ø Capacity mm
6546-100	100	10 – 83
6546-125	125	15 – 100
6546-160	160	50 – 160

6523 – HOLD-TIGHT VICE



Jaws can be located in 4 different positions to increase capacity. For use on work that requires high accuracy and safe clamping. C/W handcrank & slot nuts.

Code	Jaw width mm	Opening mm (standard configuration)
6523-155L	155	224

6543 – DRILL PRESS VICE



Vertical and horizontal V on fixed jaw. Ideal for drilling and light milling operations.

Code	Jaw width mm	Opening mm
6543-85M	85	70
6543-100M	100	85
6543-120M	120	120
6543-150M	150	150

6710 – PNEUMATICALLY OPERATED VICE



Heavy duty machine vice with high clamping forces. Removable grooved jaw inserts, fitted with a safety valve.

Code	Jaw width mm	Opening mm
6710-125	125	100
6710-160	160	125
6710-200	200	160

5859 – ROTARY TABLE



Can be used vertically or horizontally.
Worm gear can be disengaged for rapid indexing.

Code	Table Ø mm	Worm ratio
5859-160	160	1:60
5859-200	200	1:60
5859-250	250	1:90
5859-320	320	1:90
5859-400	400	1:90
5859-500	500	1:120

5901 & 5911 INDEXING FIXTURES



Horizontal / Vertical – Chuck not included
Compact design with two types of indexing;
1. Basic 2,3,4,6,8,12 and 24 divisions
2. Angular 360° in 1° increments
Indexing accuracy 2'
Compatible with plain back front mount chucks.

Code	Chuck size mm	Centre height mm
5901-100	125	100
5901-125	160	125
5901-160	200	160
5911-200	250	200
5911-250	315	250

5818 – TAILSTOCK



Designed for use with indexing fixtures & rotary tables.

Code	MT	Centre height mm
5818-80	1	80
5818-100	2	100
5818-125	2	125
5818-160	3	160
5818-200	4	200
5818-250	4	250

5819 – ADJUSTABLE HEIGHT TAILSTOCK



Designed for use with indexing fixtures & rotary tables. Height is adjusted by means of a screw, after adjustment the spindle is locked in a vertical position.

Code	MT	Centre height mm
5819-95-130	2	95-130
5819-130-170	3	130-170
5819-170-200	3	170-200
5819-200-220	3	200-220
5819-220-250	4	220-250

5150 – ANGLE PLATES



Easily set at any angle between 0 - 90° in 5° graduations.

Code - size mm	T slot mm	Max work weight kg
5150-200X250	12	60
5150-250X315	14	100

5155 – ANGLE PLATES



Easily set at any angle between 0 - 90° in 5° graduations. Additional adjustment between 0 - 60° range by means of a gauge block.

Code - size mm	T slot mm	Max work weight kg
5155-200X250	12	60
5155-250X315	14	100

9210 – HAND PRESS



Manually operated.

Code	Capacity mm	O/all height when closed mm
9210-485	250	485

1250 – HEAVY DUTY BENCH VICE



Covered lead screw to keep dirt out.
Rugged heavy duty design.

Code	Jaw width mm	Opening mm
1250-63L	63	63
1250-80L	80	80
1250-100L	100	80
1250-125L	125	100
1250-150L	150	125
1250-175L	175	150

9171 – MSP – BOX JAWS



Set of 4 box jaws with Jakob power MSP screws. Steel body with hardened and ground guideways. Hardened clamping jaws HRC 57-60. High clamping force with minimum operator effort.

Code	Clamping force	Weight per jaw	Size mm LxWxH	List Price £
9171-430-20T MSP	200 kN	164 kg	430x330x150	P & D on application

9171 – MSPD – BOX JAWS



Set of 4 box jaws with Jakob power MSPD screws. Steel body with hardened and ground guideways. Hardened clamping jaws HRC 57-60. High clamping force with minimum operator effort.

Code	Clamping force	Weight per jaw	Size mm LxWxH	List Price £
9171-630-40T MSPD	400 kN	705 kg	630x448x410	P & D on application

9170 – FACE PLATE JAWS



Primarily for use on face plates for holding irregular shaped parts.

Code	O/all width mm	O/all height mm	Clamping force KN
9170-150	130	159.8	28
9170-200	140	169.8	35



SPECIAL BOX JAWS

Special Box Jaws and Power Box Jaws can be designed and manufactured to meet your requirements. To start the process of obtaining a price, simply complete the special request form on page 241 of the 2014 main catalogue and fax or email or if you need some assistance, contact us and we can arrange for a sales engineer to call. Below are examples of special Box Jaws previously designed and manufactured.



1114P – B1 VDI RADIAL HOLDER

B1 radial holder for square shank tools.



Code	VDI size	Tool Size mm
1114-20P	20	12-16
1114-30P	30	16-20
1114-40P	40	20-25

1114L – B2 VDI RADIAL HOLDER

B2 radial holder for square shank tools.



Code	VDI size	Tool Size mm
1114-20L	20	12-16
1114-30L	30	16-20
1114-40L	40	20-25

1115P – B3 VDI RADIAL HOLDER INVERTED

B3 right hand inverted radial holder for square shank tools.



Code	VDI size	Tool Size mm
1115-20P	20	12-16
1115-30P	30	16-20
1115-40P	40	20-25

1115L – B4 VDI RADIAL HOLDER INVERTED

B4 left hand inverted radial holder for square shank tools



Code	VDI size	Tool Size mm
1115-20L	20	12-16
1115-30L	30	16-20
1115-40L	40	20-25

1133P – C1 VDI AXIAL HOLDER

C1 axial holder for square shank tools.



Code	VDI size	Tool Size mm
1133-20P	20	12-16
1133-30P	30	16-20
1133-40P	40	20-25

1133L – C2 VDI AXIAL HOLDER

C2 axial holder for square shank tools.



Code	VDI size	Tool Size mm
1133-20L	20	12-16
1133-30L	30	16-20
1133-40L	40	20-25

1154P – VDI PART OFF HOLDER

VDI holder for part off blades right hand.



Code	VDI size	Part off blade mm
1154-30-26P	30	26
1154-30-32P	30	32
1154-40-26P	40	26
1154-40-32P	40	32

1154L – VDI PART OFF HOLDER

VDI holder for part off blades left hand.



Code	VDI size	Part off blade mm
1154-30-26L	30	26
1154-30-32L	30	32
1154-40-26L	40	26
1154-40-32L	40	32

1220 – E4 VDI ER COLLET CHUCK

E4 VDI ER collet chucks for holding round shanks.



Code	VDI size	ER collet
1220-20-ER16	20	16
1220-30-ER25	30	25
1220-30-ER32	30	32
1220-40-ER25	40	25
1220-40-ER32	40	32

1224 – F1 VDI MORSE TAPER HOLDER

F1 VDI morse taper holders.



Code	VDI size	MT
1224-20-1	20	1
1224-30-1	30	1
1224-30-2	30	2
1224-40-2	40	2
1224-40-3	40	3

1201 – A1 VDI BLANK HOLDER

A1 VDI blank toolholder.



Code	VDI size	Size mm WxHxD
1201-20	20	100x60x65
1201-30	30	130x76x85
1201-40	40	151x96x100

1225 – Z2 VDI BLANKING PLUG

Z2 VDI blanking plug.



Code	VDI size	Size mm ØxL
1225-20	20	50
1225-30	30	68
1225-40	40	83

1254 – E1 VDI SIDE LOCK HOLDER

E1 VDI side lock holders for holding boring bars, U drills etc.



Code	VDI size	Shank size mm
1254-20-16	20	16
1254-20-20	20	20
1254-30-16	30	16
1254-30-20	30	20
1254-30-25	30	25
1254-30-32	30	32
1254-40-16	40	16
1254-40-20	40	20
1254-40-25	40	25
1254-40-32	40	32

1230 – VDI BORING BAR HOLDER

VDI boring bar holder.



Code	VDI size	Shank size mm
1230-30-12	30	12
1230-30-16	30	16
1230-30-20	30	20
1230-40-16	40	16
1230-40-20	40	20
1230-40-25	40	25

1203 – A2 VDI BLANK HOLDERS

A2 VDI blank toolholder.



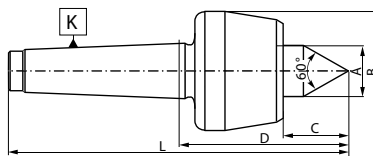
Code	VDI size	Size mm ØxL
1203-20	20	50x70
1203-30	30	68x100
1203-40	40	83x120

To view the full range of VDU holders please see section 5 of the main catalogue or visit www.bison-bial.com

8811R

REVOLVING TAILSTOCK CENTRES WITH 60° TIP ANGLE

- Large variety of models for different applications.
- Max concentricity deviation 0.003 to 0.01 (see chart).



KMT	Max. weight	Max. RPM	Precision		
			Type	Max. runout	Part No.
1	100	7000			
2	200	7000	8811-2RP	0,003	800006762
3	400	6300	8811-3 RLP*	0,003	800006766
3	500	5000	8811-3RP	0,003	800006764
4	800	3800	8811-4RP	0,003	800006767
5	2000	3000	8811-5RP	0,005	800006768
6	3500	2600			
6	5000	1500			

Standard		
Type	Max. runout	Part No.
8811R-1	0,005	800006761
8811R-2	0,005	800006763
8811-3 RL*	0,005	800006623
8811R-3	0,005	800006765
8811R-4	0,005	800006624
8811R-5	0,005	800006625
8811R-6	0,01	800006769
8811-6 RC**	0,01	800006770

A	B	C	D	L
15	36,0	17,0	60,5	114
20	45,0	23,5	64,5	128,5
22	50,0	27,5	70,0	151
25	60,0	30,5	79,0	160
32	70,0	40,0	101,5	204
40	90,0	49,5	128	257,5
50	105,0	57,5	152	334
62,4	140,0	67,0	194	376

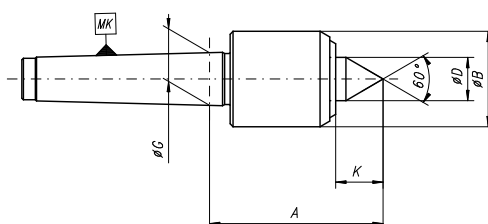
* Slim body design

** Heavy Duty

8812R

REVOLVING TAILSTOCK CENTRES WITH SMALLER BODY DIAMETER

- Small body with 60 degree tip angle for finishing, rough turning and grinding use.
- Max concentricity deviation 0.005 to 0.01 (see chart).

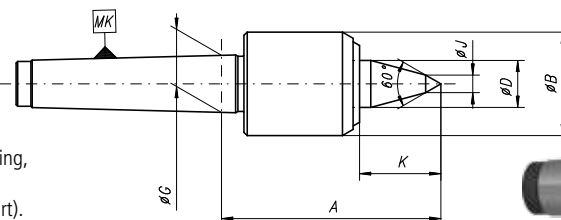


Type	KMT	A	B	D	G	K	Max. weight	Max. RPM	Max. runout	Part No.
8812R-2	2	62	32	15	17,780	18	200	7000	0,005	800006024
8812R-3	3	62	34	15	23,825	18	400	7000	0,005	800006705
8812R-4	4	75,5	42	20	31,267	25	800	6300	0,005	800006706
8812R-5	5	104	58	30	44,399	34	1600	4300	0,01	800006707
8812R-6	6	143	80	42	63,348	49	3500	3000	0,02	800006708

8813R

REVOLVING TAILSTOCK CENTRES WITH SMALLER BODY DIAMETER WITH EXTENDED POINT

- Small body diameter with extended point for finishing, rough turning and grinding use.
- Max concentricity deviation 0.008 to 0.01 (see chart).

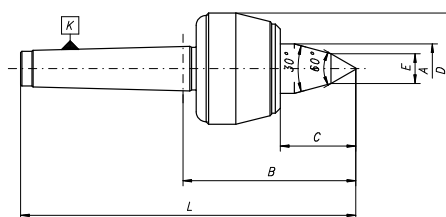


Type	MT	A	B	D	G	K	J	Max. weight	Max. RPM	Max. runout	Part No.
8813R-2	2	73	32	15	17,780	29	10	170	7000	0,008	800006709
8813R-3	3	74	34	15	23,825	30	11	340	7000	0,008	800006710
8813R-4	4	88,5	42	20	31,267	38	13	700	6300	0,008	800006245
8813R-5	5	119	58	30	44,399	49	14	1400	4300	0,01	800006711
8813R-6	6	164	80	42	63,348	70	18	3000	3000	0,02	800006712

8814R

REVOLVING TAILSTOCK CENTRES WITH EXTENDED POINT

- For Heavy Duty use.
- Max concentricity deviation 0.005 to 0.010 (see chart).



Type	MT	A	B	C	D	E	L	Max. weight	Max. RPM	Max. runout	Part No.
8814R-1	1	15	66,5	23,0	36	9	120,0	80	7000	0,010	800006536
8814R-2	2	20	74,5	33,5	45	10	138,5	140	7000	0,005	800006537
8814R-3	3	25	92,0	43,5	60	12	173,0	400	5000	0,005	800006538
8814R-4	4	32	113,5	52,0	70	14	216,0	500	3800	0,005	800006539
8814R-5	5	40	144,3	65,3	90	16	272,8	1200	3000	0,005	800005509
8814R-6	6	50	170,5	77,5	105	18	352,5	2500	2600	0,010	800006540

8811 – ROTATING CENTRE



Heavy duty precision rotating centre with 60° point.

Code	MT	Max weight kg	RPM
8811-1-I	1	100	5000
8811-2-I	2	180	5000
8811-3-I	3	450	4000
8811-4-I	4	1000	3000
8811-5-I	5	1900	2500
8811-6-I	6	3700	2000

8824 – EXTENDED POINT ROTATING CENTRE



Rotating centre with radial compensation and adjustment of radial clearance.

Code	MT	Max weight kg	Point length mm
8824-2	2	90	38.5
8824-3	3	180	47.5
8824-4	4	350	66.5
8824-5	5	600	86.5
8824-6	6	1300	94.5

8825 – TUBE CENTRE



Rotating 60° truncated point for tube work.

Code	MT	Max weight kg	Size mm
8825-1	1	100	20-50
8825-2	2	180	30-60
8825-2-1	2	300	30-80
8825-3	3	350	30-80
8825-3-1	3	550	40-100
8825-3-2	3	600	50-120
8825-4	4	600	40-100
8825-4-1	4	700	50-120
8825-4-2	4	700	70-140
8825-5	5	750	50-120
8825-5-1	5	750	100-170
8825-6	6	2000	180-292

8882 – TUBE CENTRE WITH INTERCHANGEABLE HEADS



Rotating 75° truncated interchangeable head. Items below supplied as 1 x body + 1 x head.

Code	MT	Max weight kg	Size mm
8882-3-80-150	3	700	95-150
8882-3-80-200	3	700	145-200
8882-4-100-150	4	1000	95-150
8882-4-100-200	4	1000	145-200
8882-4-100-250	4	1000	195-250
8882-4-125-200	4	1500	145-200
8882-4-125-250	4	1500	195-250
8882-4-125-300	4	1500	245-300
8882-5-125-200	5	1500	145-200
8882-5-125-250	5	1500	195-250
8882-5-125-300	5	1500	245-300
8882-5-160-250	5	1800	195-250
8882-5-160-300	5	1800	245-300

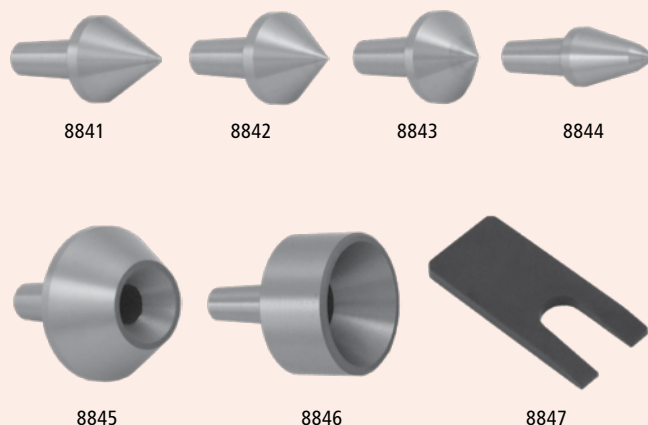
8831-KPL – ROTATING CENTRE WITH INTERCHANGEABLE INSERTS



Precision rotating centre with interchangeable inserts, 8841 60° point, 8842 75° point, 8843 90° point, 8844 60° extended point, 8845 tube centre, 8846 cone point and removal key.

Code	MT	Max weight kg	RPM
8831-2/I KPL	2	70	5000
8831-3/I KPL	3	120	4000
8831-4/I KPL	4	280	3000
8831-5/I KPL	5	650	2500
8831-6/ KPL	6	1200	2000

INCLUDED IN THE SET



8711 – DEAD CENTRE 60° CARBIDE POINT



Code	MT	Ø mm
8711-1	1	12.2
8711-2	2	18.0
8711-3	3	24.1
8711-4	4	31.6
8711-5	5	44.7
8711-6	6	63.8

8712 – DEAD CENTRE 60°



Code	MT	Ø mm
8712-1	1	12.2
8712-2	2	18.0
8712-3	3	24.1
8712-4	4	31.6
8712-5	5	44.7
8712-6	6	63.8

8720 – DEAD CENTRE 60° WITH SPANNER FLATS



Code	MT	Ø mm
8720-1	1	12.2
8720-2	2	18.0
8720-3	3	24.1
8720-4	4	31.6
8720-5	5	44.7
8720-6	6	63.8

8721 – DEAD CENTRE 60° WITH SPANNER FLATS AND CARBIDE POINT



Code	MT	Ø mm
8721-1	1	12.2
8721-2	2	18.0
8721-3	3	24.1
8721-4	4	31.6
8721-5	5	44.7
8721-6	6	63.8

8725 – DEAD CENTRE 60° WITH DRAW OFF NUT



Code	MT	Ø mm
8725-1	1	12.2
8725-2	2	18.0
8725-3	3	24.1
8725-4	4	31.6
8725-5	5	44.7
8725-6	6	63.8

8726 – DEAD CENTRE 60° WITH DRAW OFF NUT AND CARBIDE POINT



Code	MT	Ø mm
8726-1	1	12.2
8726-2	2	18.0
8726-3	3	24.1
8726-4	4	31.6
8726-5	5	44.7
8726-6	6	63.8

5362 – DRILL CHUCK ARBOR

MT to JT arbor for drill chucks.



Code	MT	JT
5362-2-J2	2	2
5362-2-J3	2	3
5362-2-J33	2	33
5362-2-J6	2	6
5362-3-J2	3	2
5362-3-J3	3	3
5362-3-J33	3	33
5362-3-J6	3	6
5362-4-J2	4	2
5362-4-J3	4	3
5362-4-J6	4	6
5362-5-J3	5	3
5362-5-J6	5	6

1751 – REDUCTION DRILL SLEEVE

Hardened and ground internally and externally.



Code	Ext MT	Int MT
1751-2-1	2	1
1751-3-1	3	1
1751-3-2	3	2
1751-4-1	4	1
1751-4-2	4	2
1751-4-3	4	3
1751-5-1	5	1
1751-5-2	5	2
1751-5-3	5	3
1751-5-4	5	4
1751-6-3	6	3
1751-6-4	6	4
1751-6-5	6	5

1226 – REDUCTION SLEEVE

For use with VDI and toolpost holders.



Code	OD ø mm	ID ø mm	Length mm
1226-25-8	25	8	60
1226-25-10	25	10	60
1226-25-12	25	12	60
1226-25-16	25	16	60
1226-25-12	25	12	75
1226-25-16	25	16	75
1226-32-16	32	16	75
1226-32-20	32	20	75
1226-32-25	32	25	75
1226-40-20	40	20	75
1226-40-25	40	25	75
1226-40-32	40	32	75

5133 – KEYLESS DRILL CHUCK

Precision keyless drill chuck for industrial and CNC use.



Code	Capacity mm	Taper	Run out
5133-10-J2	10	J2	0.04
5133-10-J33	10	J33	0.04
5133-13-J2	13	J2	0.04
5133-13-J6	13	J6	0.04
5133-13-J33	13	J33	0.04
5133-16-J6	16	J6	0.04
5133-16-J3	16	J3	0.04

1761 – EXTENSION DRILL SLEEVES

Hardened and ground internally and externally.



Code	Ext MT	Int MT	Length mm
1761-1-1	1	1	145
1761-1-2	1	2	160
1761-1-3	1	3	183
1761-2-1	2	1	160
1761-2-2	2	2	175
1761-2-3	2	3	196
1761-2-4	2	4	221
1761-3-1	3	1	175
1761-3-2	3	2	194
1761-3-3	3	3	215
1761-3-4	3	4	240
1761-3-5	3	5	275
1761-4-1	4	1	200
1761-4-2	4	2	215
1761-4-3	4	3	240
1761-4-4	4	4	265
1761-4-5	4	5	300
1761-4-6	4	6	361
1761-5-2	5	2	247
1761-5-3	5	3	268
1761-5-4	5	4	300
1761-5-5	5	5	335
1761-5-6	5	6	396
1761-6-2	6	2	309
1761-6-3	6	3	330
1761-6-4	6	4	355
1761-6-5	6	5	390
1761-6-6	6	6	451

1875 – LATHE SOCKET TO MT

Cylindrical reduction sleeve to MT.



Code	OD ø mm	Int MT	Length mm
1875-25-1-75	25	1	75
1875-25-2-75	25	2	75
1875-32-2-100	32	2	100
1875-32-3-100	32	3	100
1875-40-2-100	40	2	100
1875-40-3-100	40	3	100
1875-40-4-120	40	4	120

DIN 69871

7617 AD – ER COLLET CHUCK

DIN 69871 ER collet chucks (DIN6499)



Code	Taper	ER collet	Gauge length mm
7617-30-ER16-60	30	16	60
7617-30-ER25-60	30	25	60
7617-40-ER16-60	40	16	60
7617-40-ER25-60	40	25	60
7617-40-ER32-70	40	32	70
7617-40-ER32-130	40	32	130
7617-40-ER40-70	40	40	70
7617-50-ER32-70	50	32	70
7617-50-ER32-130	50	32	130
7617-50-ER40-80	50	40	80
7617-50-ER40-130	50	40	130

7617-S AD – ER SLIM COLLET CHUCK

DIN 69871 ER collet chucks (DIN6499)



Code	Taper	ER collet	Gauge length mm
7617-40-ER16-100 S	40	16	100
7617-40-ER16-150 S	40	16	150
7617-50-ER16-100 S	50	16	100
7617-50-ER16-150 S	50	16	150

7369 A – SHELL MILL ADAPTER

DIN 69871 shell mill adapter for holding face mills.



Code	Taper	Spigot mm	Gauge length mm
7369-30-16-35	30	16	35
7369-30-22-35	30	22	35
7369-30-27-60	30	27	60
7369-40-22-60	40	22	60
7368-40-22-120	40	22	120
7369-40-27-60	40	27	60
7369-40-27-120	40	27	120
7369-40-32-60	40	32	60
7369-40-32-120	40	32	120
7369-50-22-60	50	22	60
7369-50-22-110	50	22	110
7369-50-27-60	50	27	60
7369-50-27-110	50	27	110
7369-50-32-60	50	32	60
7369-50-32-110	50	32	110

7625 AD – SIDE LOCK HOLDER

DIN 69871 side lock end mill holder.



Code	Taper	Bore mm	Gauge length mm
7625-30-6-50	30	6	50
7625-30-10-50	30	10	50
7625-30-12-50	30	12	50
7625-30-16-63	30	16	63
7625-30-20-63	30	20	63
7625-40-6-50	40	6	50
7625-40-10-50	40	10	50
7625-40-12-50	40	12	50
7625-40-16-63	40	16	63
7625-40-20-63	40	20	63
7625-40-25-60	40	25	60
7625-50-6-63	50	6	63
7625-50-10-63	50	10	63
7625-50-12-63	50	12	63
7625-50-16-63	50	16	63
7625-50-20-63	50	20	63
7625-50-25-60	50	25	60
7625-50-32-70	50	32	70

Long gauge lengths also available.

To view the full range of spindle tooling please refer to pages 284 to 324 of the 2014 Bison catalogue or visit www.bison-bial.com

DIN 69871

1681 AD – MT ADAPTER



DIN 69871 morse taper adapters for drills and reamers.

Code	Taper	MT	Gauge length mm
1681-30-1-50	30	1	50
1681-30-2-60	30	2	60
1681-30-3-80	30	3	80
1681-40-1-50	40	1	50
1681-40-2-50	40	2	50
1681-40-3-70	40	3	70
1681-40-4-95	40	4	95
1681-50-1-45	50	1	45
1681-50-2-60	50	2	60
1681-50-3-65	50	3	65
1681-50-4-95	50	4	95
1681-50-5-105	50	5	105

Long gauge lengths also available.

7630 – SHRINK FIT HOLDERS



DIN 69871 for use with tools with cylindrical shank with h6 tolerance.

Code	Taper	Bore mm	Gauge length mm
7630-40-6-80	40	6	80
7630-40-10-80	40	10	80
7630-40-12-80	40	12	80
7630-40-16-80	40	16	80
7630-40-20-80	40	20	80
7630-40-25-100	40	25	100
7630-50-6-80	50	6	80
7630-50-10-80	50	10	80
7630-50-12-80	50	12	80
7630-50-16-80	50	16	80
7630-50-20-80	50	20	80
7630-50-25-100	50	25	100
7630-50-32-100	50	32	100

2191 A – BLANK ADAPTER



DIN 69871 machineable blank adapter.

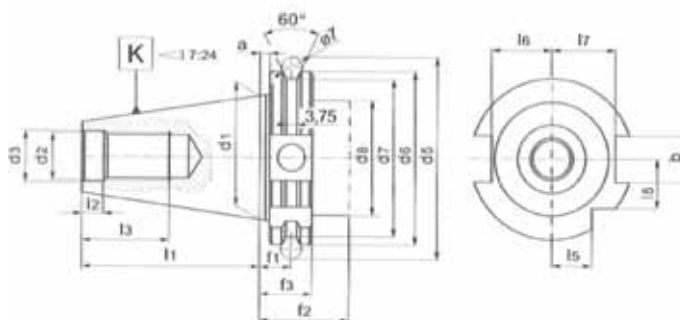
Code	Taper	Ø mm	Length mm
2191-40-40-280	40	40	280
2191-40-63-280	40	63	280
2191-50-50-330	50	50	330
2191-50-80-330	50	80	330

7655 A – KEYLESS DRILL CHUCK



DIN 69871 keyless drill chuck.

Code	Taper	Capacity mm	Gauge length mm
7655-40-1-13-87	40	1-13	87
7655-40-3-16-106	40	3-16	106
7655-50-1-13-87	50	1-13	87
7655-50-3-16-90	50	3-16	90



For dimensions see page 284 of 2014 catalogue.

To view the full range of spindle tooling please refer to pages 284 to 324 of the 2014 Bison catalogue or visit www.bison-bial.com

BT MAS 403

7626 AD – ER COLLET CHUCK



BT ER collet chucks (DIN6499).

Code	Taper	ER collet	Gauge length mm
7626-30-ER16-60	30	16	60
7626-30-ER25-60	30	25	60
7626-40-ER16-60	40	16	60
7626-40-ER25-60	40	25	60
7626-40-ER32-70	40	32	70
7626-40-ER32-130	40	32	130
7626-40-ER40-70	40	40	70
7626-50-ER32-70	50	32	70
7626-50-ER32-130	50	32	130
7626-50-ER40-80	50	40	80
7626-50-ER40-130	50	40	130

7626-S AD – ER SLIM COLLET CHUCK



BT ER collet chucks (DIN6499).

Code	Taper	ER collet	Gauge length mm
7626-40-ER16-100 S	40	16	100
7626-40-ER16-150 S	40	16	150
7626-50-ER16-100 S	50	16	100
7626-50-ER16-150 S	50	16	150

7388 A – SHELL MILL ADAPTER



BT shell mill adapters for holding face mills.

Code	Taper	Spigot mm	Gauge length mm
7388-30-16-43	30	16	43
7388-30-22-43	30	22	43
7388-30-27-43	30	27	43
7388-40-22-52	40	22	52
7388-40-22-120	40	22	120
7388-40-27-52	40	27	52
7388-40-27-120	40	27	120
7388-40-32-52	40	32	52
7388-40-32-120	40	32	120
7388-50-22-65	50	22	65
7388-50-22-110	50	22	110
7388-50-27-65	50	27	65
7388-50-27-110	50	27	110
7388-50-32-65	50	32	65
7388-50-32-110	50	32	110

7624 – SIDE LOCK HOLDER



BT side lock end mill holder.

Code	Taper	Bore mm	Gauge length mm
7624-30-6-50	30	6	50
7624-30-10-50	30	10	50
7624-30-12-50	30	12	50
7624-30-16-63	30	16	63
7624-30-20-63	30	20	63
7624-40-6-50	40	6	50
7624-40-10-63	40	10	63
7624-40-12-63	40	12	63
7624-40-16-63	40	16	63
7624-40-20-63	40	20	63
7624-40-25-60	40	25	60
7624-50-6-63	50	6	63
7624-50-10-63	50	10	63
7624-50-12-63	50	12	80
7624-50-16-80	50	16	80
7624-50-20-80	50	20	80
7624-50-25-60	50	25	60
7624-50-32-70	50	32	70

Long gauge lengths also available.

To view the full range of spindle tooling please refer to pages 284 to 324 of the 2014 Bison catalogue or visit www.bison-bial.com

BT MAS 403

1661 AD – MT ADAPTER



BT morse taper adapters for drills and reamers.

Code	Taper	MT	Gauge length mm
1661-30-1-50	30	1	50
1661-30-2-60	30	2	60
1661-30-3-79	30	3	79
1661-40-1-50	40	1	50
1661-40-2-50	40	2	50
1661-40-3-70	40	3	70
1661-40-4-95	40	4	95
1661-50-1-45	50	1	45
1661-50-2-60	50	2	60
1661-50-3-65	50	3	65
1661-50-4-95	50	4	95
1661-50-5-105	50	5	105

Long gauge lengths also available.

7632 – SHRINK FIT HOLDERS



BT for use with tools with cylindrical shank with h6 tolerance.

Code	Taper	Bore mm	Gauge length mm
7632-40-6-90	40	6	90
7632-40-10-90	40	10	90
7632-40-12-90	40	12	90
7362-40-16-90	40	16	90
7362-40-20-90	40	20	90
7362-40-25-100	40	25	100
7632-50-6-100	50	6	100
7632-50-10-100	50	10	100
7632-50-12-100	50	12	100
7362-50-16-100	50	16	100
7362-50-20-100	50	20	100
7362-50-25-110	50	25	110
7362-50-32-110	50	32	110

Long gauge lengths also available.

7656 A – KEYLESS DRILL CHUCK



BT keyless drill chuck.

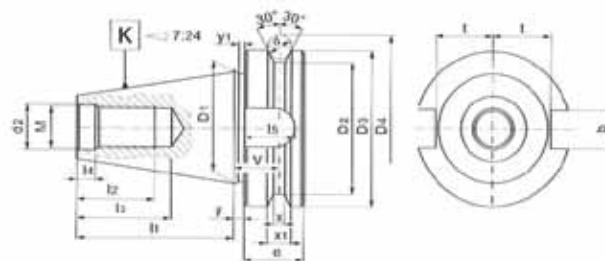
Code	Taper	Capacity mm	Gauge length mm
7656-40-13-95	40	1-13	95
7656-40-16-100	40	3-16	100
7656-50-13-105	50	1-13	105
7656-50-16-100	50	3-16	110

2192 A – BLANK ADAPTER



BT machineable blank adapter.

Code	Taper	Ø mm	Length mm
2192-40-40-280	40	40	280
2192-40-63-280	40	63	280
2192-50-50-330	50	50	330
2192-50-80-330	50	80	330



For dimensions see page 292 of 2014 catalogue.

To view the full range of spindle tooling please refer to pages 284 to 324 of the 2014 Bison catalogue or visit www.bison-bial.com

DIN 2080

7616 – COLLET CHUCK

DIN 2080 ER collet chucks (DIN6499).



Code	Taper	ER collet	Gauge length mm
7616-30-ER16-50	30	16	50
7616-30-ER32-50	30	32	50
7616-40-ER25-60	40	25	60
7616-40-ER32-60	40	32	60
7616-40-ER32-130	40	32	130
7616-40-ER40-60	40	40	60
7616-50-ER32-70	50	32	70
7616-50-ER32-130	50	32	130
7616-50-ER40-70	50	40	70
7616-50-ER40-130	50	40	130

7616 QC – ER QC COLLET CHUCK

DIN 2080 quick change collet chucks (DIN6499).



Code	Taper	ER collet	Gauge length mm
7616-30-ER16-50 QC	30	16	50
7616-30-ER32-50 QC	30	32	50
7616-40-ER16-100 QC	40	16	100
7616-40-ER32-60 QC	40	32	60

7311 – SHELL MILL ADAPTER

DIN 2080 shell mill adapters for holding face mills.



Code	Taper	Spigot mm	Gauge length mm
7311-30-16-35	30	16	35
7311-30-22-35	30	22	35
7311-30-27-35	30	27	35
7311-40-22-37	40	22	37
7311-40-27-37	40	27	37
7311-40-32-37	40	32	37
7311-50-22-40	50	22	40
7311-50-27-40	50	27	40
7311-50-32-40	50	32	40

7311 QC – QC SHELL MILL ADAPTER

DIN 2080 quick change shell mill adapters for holding face mills.



Code	Taper	Spigot mm	Gauge length mm
7311-30-16-45 QC	30	16	45
7311-30-22-45 QC	30	22	45
7311-30-27-45 QC	30	27	45
7311-40-22-50 QC	40	22	50
7311-40-27-50 QC	40	27	50
7311-40-32-50 QC	40	32	50

7620 – SIDE LOCK HOLDER

DIN 2080 side lock end mill holder.



Code	Taper	Bore mm	Gauge length mm
7620-30-6-40	30	6	40
7620-30-10-40	30	10	40
7620-30-12-40	30	12	40
7620-30-16-50	30	16	50
7620-30-20-63	30	20	63
7620-40-6-50	40	6	50
7620-40-10-50	40	10	50
7620-40-12-50	40	12	50
7620-40-16-63	40	16	63
7620-40-20-63	40	20	63
7620-40-25-60	40	25	60
7620-50-6-63	50	6	63
7620-50-10-63	50	10	63
7620-50-12-63	50	12	63
7620-50-16-63	50	16	63
7620-50-20-63	50	20	63
7620-50-25-60	50	25	60
7620-50-32-70	50	32	70

7620 QC – QC SIDE LOCK HOLDER

DIN 2080 side lock end mill holder.



Code	Taper	Bore mm	Gauge length mm
7620-30-6-50 QC	30	6	50
7620-30-10-50 QC	30	10	50
7620-30-12-50 QC	30	12	50
7620-30-16-63 QC	30	16	63
7620-30-20-63 QC	30	20	63
7620-40-6-50 QC	40	6	50
7620-40-10-50 QC	40	10	50
7620-40-12-50 QC	40	12	50
7620-40-16-63 QC	40	16	63
7620-40-20-63 QC	40	20	63
7620-40-25-85 QC	40	25	85

To view the full range of spindle tooling please refer to pages 284 to 324 of the 2014 Bison catalogue or visit www.bison-bial.com

DIN 2080

1679 – MT ADAPTER



DIN 2080 morse taper adapters for drills and reamers.

Code	Taper	MT	Gauge length mm
1679-30-1-50	30	1	50
1679-30-2-50	30	2	50
1679-30-3-72	30	3	72
1679-40-1-50	40	1	50
1679-40-2-50	40	2	50
1679-40-3-65	40	3	65
1679-40-4-95	40	4	95
1679-50-1-45	50	1	45
1679-50-2-60	50	2	60
1679-50-3-65	50	3	65
1679-50-4-70	50	4	70
1679-50-5-105	50	5	105

Long gauge lengths also available.

1679 QC – MT QC ADAPTER



DIN 2080 quick change morse taper adapters for drills and reamers.

Code	Taper	MT	Gauge length mm
1679-30-1-50 QC	30	1	50
1679-30-2-50 QC	30	2	50
1679-30-3-72 QC	30	3	72
1679-40-1-50 QC	40	1	50
1679-40-2-50 QC	40	2	50
1679-40-3-65 QC	40	3	65
1679-40-4-95 QC	40	4	95

Long gauge lengths also available.

7657 – KEYLESS DRILL CHUCK



DIN 2080 keyless drill chuck.

Code	Taper	Capacity mm	Gauge length mm
7657-40-13-88	40	1-13	88
7657-40-16-99	40	3-16	99
7657-50-13-85	50	1-13	85
7657-50-16-89	50	3-16	89

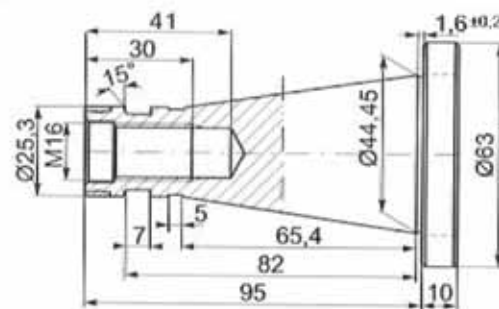
2190 – BLANK ADAPTER



DIN 2080 machineable blank adapter.

Code	Taper	Ø mm	Length mm
2190-40-40-280	40	40	280
2190-40-63-280	40	63	280
2190-50-50-330	50	50	330
2190-50-80-330	50	80	330

Long milling arbors available on request see pages 304 to 307 of the 2014 catalogue or visit www.bison-bial.com.



For dimensions see page 300 of 2014 catalogue.

To view the full range of spindle tooling please refer to pages 284 to 324 of the 2014 Bison catalogue or visit www.bison-bial.com

7618 – ER COLLETS



ER collets DIN 6499.

Code – ER size	ER	Gripping range mm
7618	16	3-2
7618	16	4-3
7618	16	5-4
7618	16	6-5
7618	16	7-6
7618	16	8-7
7618	16	9-8
7618	16	10-9
7618	20	3-2
7618	20	4-3
7618	20	5-4
7618	20	6-5
7618	20	7-6
7618	20	8-7
7618	20	9-8
7618	20	10-9
7618	20	11-10
7618	20	12-11
7618	20	13-12
7618	25	3-2
7618	25	4-3
7618	25	5-4
7618	25	6-5
7618	25	7-6
7618	25	8-7
7618	25	9-8
7618	25	10-9
7618	25	11-10
7618	25	12-11
7618	25	13-12
7618	25	14-13
7618	25	15-14
7618	25	16-15
7618	32	3-2
7618	32	4-3
7618	32	5-4
7618	32	6-5
7618	32	7-6
7618	32	8-7
7618	32	9-8
7618	32	10-9
7618	32	11-10
7618	32	12-11
7618	32	13-12
7618	32	14-13
7618	32	15-14
7618	32	16-15
7618	32	17-16
7618	32	18-17
7618	32	19-18
7618	32	20-19
7618	40	3-2
7618	40	4-3
7618	40	5-4
7618	40	6-5
7618	40	7-6
7618	40	8-7
7618	40	9-8
7618	40	10-9
7618	40	11-10
7618	40	12-11
7618	40	13-12



ER collets DIN 6499 continued.

Code – ER size	ER	Gripping range mm
7618	40	14-13
7618	40	15-14
7618	40	16-15
7618	40	17-16
7618	40	18-17
7618	40	19-18
7618	40	20-19
7618	40	21-20
7618	40	22-21
7618	40	23-22
7618	40	24-23
7618	40	25-24
7618	40	26-25

7812 – ER COLLET CHUCK

Straight shank ER collect chuck DIN 6499.



Code	Shank ø mm	Length mm	ER
7812-16-ER16-160	16	160	16
7812-20-ER16-100	20	100	16
7812-20-ER16-160	20	160	16

7815 –ER COLLET CHUCK

Straight shank ER collet chuck DIN 6499.



Code	Shank ø mm	Length mm	ER
7815-32-ER32-110	32	110	32
7815-40-ER32-117	40	117	32

7618-KPL – ER COLLET CHUCK SETS

ER collet sets DIN 6499.



Code	ER	Range mm	No. in set
7618-KPL-ER16	16	2-10	8
7618-KPL-ER20	20	2-13	11
7618-KPL-ER25	25	2-16	14
7618-KPL-ER32	32	2-20	18
7618-KPL-ER40	40	2-26	24

3911 – 5C COLLET CHUCK



For use with 5C collets, C/W wrench, plain back mount.

Code	Size mm	Collet
3911-125-5C	125	5C

Will be replaced by 3975 when stocks run out.

8240-X - FULLY FINISHED ADAPTER



For use with plain back self-centring scroll chucks DIN 55029 Camlock mount.

Code	Chuck size mm	Camlock mount
8240-125-3-X	125	D1-3
8240-125-4-X	125	D1-4
8240-125-5-XS	125	D1-5
8240-125-6-X	125	D1-6

Adapters for A and C mount also available.

3960 – 5C COLLET CHUCK FINE ADJUSTMENT



For use with 5C collets, C/W wrench, fine adjustment plain back mount.

Code	Size mm	Collet
3960-125-5C	125	5C

8245 - FULLY FINISHED ADAPTER



For use with fine adjustment plain back self-centring scroll chucks DIN 55029 Camlock mount.

Code	Chuck size mm	Camlock mount
8245-125-3	125	D1-3
8245-125-4	125	D1-4
8245-125-5	125	D1-5
8245-125-6	125	D1-6

Adapters for A and C mount also available.

3000 – 5C COLLETS

5C (385E) collets.



Code	Size mm
3000-3000-5C-3	3
3000-3000-5C-4	4
3000-3000-5C-5	5
3000-3000-5C-6	6
3000-3000-5C-7	7
3000-3000-5C-8	8
3000-3000-5C-9	9
3000-3000-5C-10	10
3000-3000-5C-11	11
3000-3000-5C-12	12
3000-3000-5C-13	13
3000-3000-5C-14	14
3000-3000-5C-15	15
3000-3000-5C-16	16
3000-3000-5C-17	17
3000-3000-5C-18	18
3000-3000-5C-19	19
3000-3000-5C-20	20
3000-3000-5C-21	21
3000-3000-5C-22	22
3000-3000-5C-23	23
3000-3000-5C-24	24
3000-3000-5C-25	25

3000 – 5C COLLET SETS

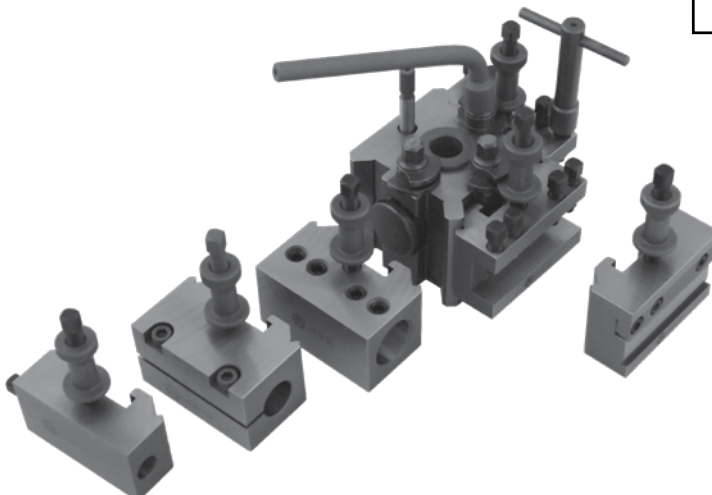
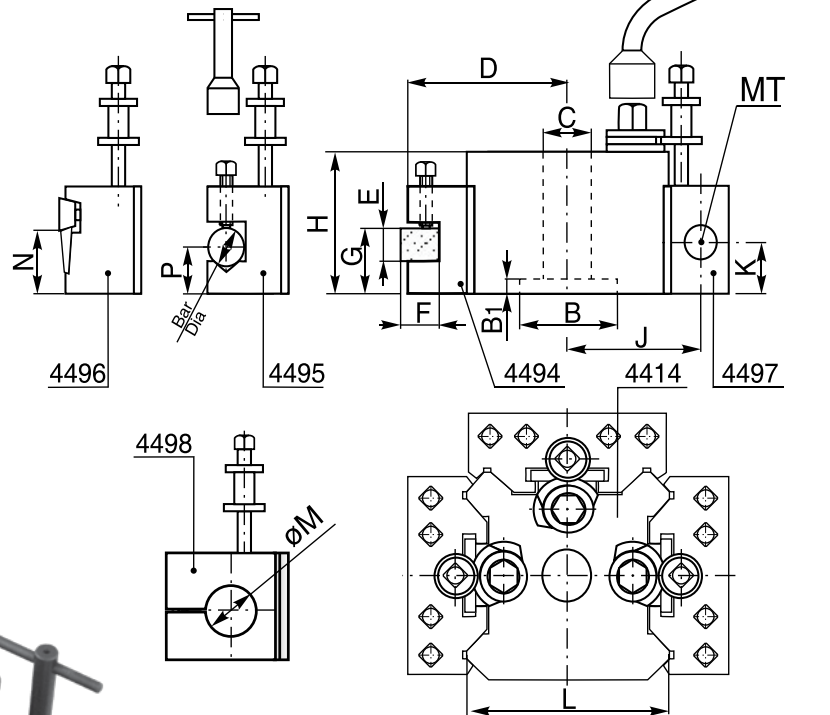
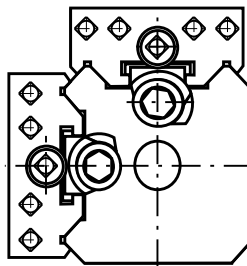
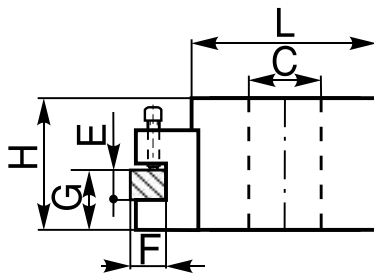
5C (385E) collets.



Code	Size mm	Collets in Set
3000-3000-5C.26 KP	3-26	24
3000-3000-5C.25 KP	3-25	45

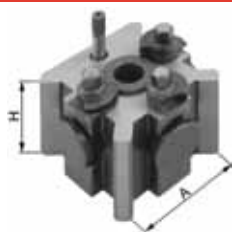
SPARES FOR TOOLPOSTS AND HOLDERS

Code	Description
KL 4414-62 HEX L U-6866/0	T.0, T.1, T.1X Hex Wrench
KL 4414-82 HEX L U-6178/0	T.2, T.2T Hex Wrench
KL4414-100 HEX L U-6874/0	T.3, T.3HX Hex Wrench
KL 4414-62X51	T.0, T.1, T.1X T-Wrench
KL 4414-82X71	T.2, T.2T T-Wrench
KL4414-100X108	T.3, T.3HX T-Wrench
U-6860/0	T.0, T.1, T.1X Clamp Bolt
U-6175/0	T.2 Clamp Bolt
U-5757/0	T.2T Clamp Bolt
U-6868/0	T.3, T.3HX Clamp Bolt
U-6859/0	T.0, T.1, T.1X Clamp Pad
U-6174/0	T.2 Clamp Pad
U-5756/0	T.2T Clamp Pad
U-6867/0	T.3, T.3HX Clamp Pad
U-6876/0	T.0, T.1, T.1X Stop
U-5762/0	T.2, T.2T Stop
U-6880/0	T.3, T.3HX Stop
U-6877/0	T.0, T.1, T.1X Toolholder Sq-Head Screws
U-7386/0	T.2, T.2T Toolholder Sq-Head Screws
U-6881/0	T.3, T.3HX Toolholder Sq-Head Screws



For full dimension of toolpost, refer to p331 of the main catalogue.

4414 – QUICK CHANGE TOOLPOST



Quick change tool posts for lathes interchangeable with Dickson.

Code	Type	Size mm
800000651	T00M	48 x 37
800000652	T00B	48 x 42
800000653	T0	62 x 51
800000654	T1	62 x 63
800000655	T1X	62 x 73
800000656	T2	82 x 71
800000657	T2T	82 x 76
800000658	T3	100 x 92
800000659	T3HX	100 x 108

4494 – STANDARD TOOLHOLDERS



Code	Size	To fit toolpost
800000660	48	T00M, T00B
800000663	62N	T0
800000662	62	T1, T1X
800000665	82N	T2
800000664	82	T2T
800000666	100	T3, T3HX

4495 – VEE TYPE TOOLHOLDERS



Code	Size	To fit toolpost
800000667	48	T00M, T00B
800000670	62N	T0
800000669	62	T1, T1X
800000672	82N	T2
800000671	82	T2T
800000673	100	T3, T3HX

4496 – PART OFF TOOLHOLDERS



Code	Size	To fit toolpost
800000674	48	T00M, T00B
800000676	62	T0, T1, T1X
800000677	82	T2, T2T
800000678	100	T3, T3HX

4497 – MORSE TAPER HOLDERS



Code	Size	To fit toolpost	MT
800000680	62/1N	T0	1
800000679	62/1	T1, T1X	1
800000681	62/2	T1, T1X	2
800000682	82/2	T2, T2T	2
800000683	100/3	T3, T3HX	3

4499 – BORING BAR TOOLHOLDERS



Code	Size	To fit toolpost	Bore mm
800000688	62	T0, T1, T1X	25
800000689	82	T2, T2T	32
800000690	100	T3, T3HX	40



Best of 2015



BISON chuck jaws favoured by engineers for decades for their high quality and excellent value.

Our jaw programme has now been expanded to include jaws designed to fit chucks manufactured by Schunk, Forkardt, Kitagawa, MMK-Matsumoto, Rohm, SMW-Autoblock & Berg. To select the correct jaw visit www.myjawfinder.com or follow the link from the main website www.bison-bial.com. Simply select the chuck manufacture, chuck type and size from the drop down lists and suitable jaws will be displayed.



All items shown in this brochure are normally held in stock, subject to prior sales, and are available for next day delivery if required. All products shown are BISON originals and not copies.

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