

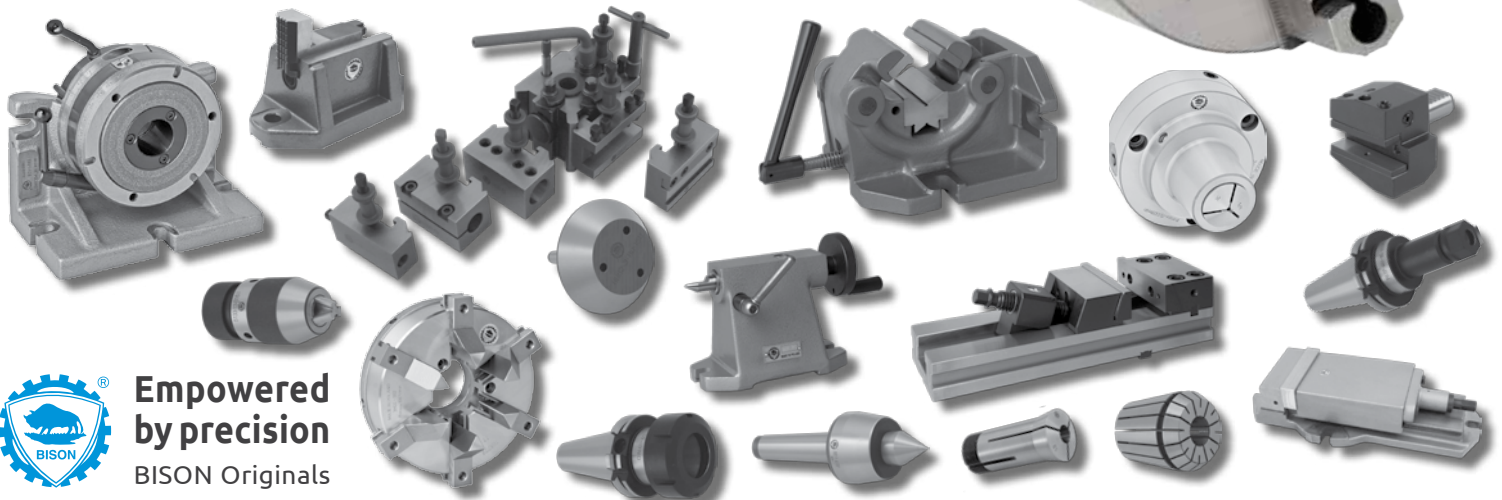
BISON

THE BEST OF 2017

A SELECTION OF OUR MOST POPULAR PRODUCTS



To view the complete range visit www.bison-bial.com/products



**Empowered
by precision**
BISON Originals

See page 3 for product content



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 such as BISON UK, 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)

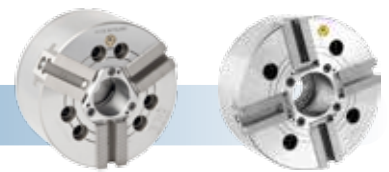
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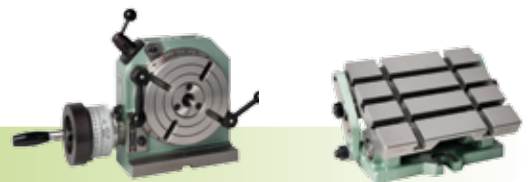
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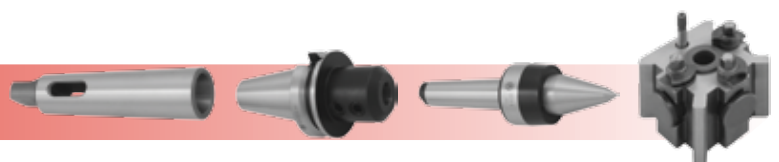
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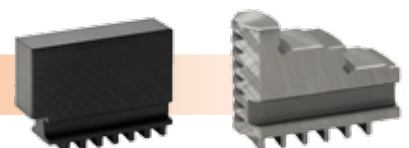
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3204 – SELF-CENTRING SCROLL CHUCK - 3 JAW



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	List Price £
3204-80	80	16	199.47
3204-100	100	20	221.71
3204-125	125	32	237.51
3204-160	160	42	255.39
3204-200	200	55	316.75
3204-250	250	76	443.30
3204-315	315	103	674.60
3204-400	400	136	1203.47
3204-500	500	190	3293.65
3204-630	630	252	5083.11

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	List Price £
3504-80	80	16	291.25
3504-100	100	20	332.56
3504-125	125	35.5	348.47
3504-160	160	42	395.89
3504-200	200	55	492.14
3504-250	250	76	665.12
3504-315	315	103	981.87
3504-400	400	136	1741.93
3504-500	500	190	4750.55
3504-630	630	252	6492.37

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	List Price £
3274-80	80	16	237.51
3274-100	100	20	259.64
3274-125	125	32	281.77
3274-160	160	42	316.75
3274-200	200	55	364.28
3274-250	250	76	506.74
3274-315	315	103	775.97
3274-400	400	136	1330.13
3274-500	500	190	3610.41
3274-630	630	252	5589.85

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	List Price £
3575-125	125	35.5	475.02
3575-160	160	42	538.35
3575-200	200	55	696.73
3575-250	250	76	950.15
3575-315	315	103	1187.77
3575-400	400	136	2058.47
3575-500	500	190	4972.25
3575-630	630	252	7347.58

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	List Price £
3205-125	125	32	285.14
3205-160	160	42	316.75
3205-200	200	55	380.08
3205-250	250	76	547.83
3205-315	315	103	807.69
3205-400	400	136	1330.13
3205-500	500	190	3610.41
3205-630	630	252	5589.85

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	List Price £
3505-125	125	35.5	389.46
3505-160	160	42	475.02
3505-200	200	55	570.07
3505-250	250	76	798.10
3505-315	315	103	1140.14
3505-400	400	136	1900.31
3505-500	500	190	5225.57
3505-630	630	252	6761.71

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	List Price £
3275-125	125	32	338.99
3275-160	160	42	380.08
3275-200	200	55	437.09
3275-250	250	76	617.70
3275-315	315	103	934.24
3275-400	400	136	1472.70
3275-500	500	190	3974.69
3275-630	630	252	6153.81

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	List Price £
3266-80	80	443.30
3266-100	100	506.74
3266-125	125	696.73
3266-160	160	1076.81

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	List Price £
3604-125	125	32	275.99
3604-160	160	42	308.47
3604-200	200	55	357.19
3604-250	250	76	490.94
3604-315	315	103	744.36
3604-400	400	136	1346.15
3604-500	500	190	3642.02
3604-630	630	252	5637.26

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	List Price £
3704-125	125	35.5	395.89
3704-160	160	42	454.53
3704-200	200	55	572.69
3704-250	250	76	728.45
3704-315	315	103	1092.62
3704-400	400	136	1884.50
3704-500	500	190	5099.02
3704-630	630	252	P.O.A

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	List Price £
4304-200	200	50	354.69
4304-250	250	65	398.40
4304-315	315	80	553.72
4304-400	400	100	817.28
4304-500	500	125	1182.32
4304-630	630	160	1678.49

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	List Price £
4306-80	80	20	P.O.A
4306-85	85	25	P.O.A
4306-100	100	25	349.24
4306-125	125	26	365.91
4306-160	160	42	415.73
4306-200	200	50	498.89
4306-250	250	65	546.42
4306-315	315	80	899.36
4306-400	400	100	1361.41

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	List Price £
3804-200	200	55	663.48
3804-250	250	76	805.62
3804-315	315	103	1080.52
3804-400	400	136	1990.45

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	List Price £
3864-125	125	35	677.98
3864-160	160	42	771.18
3864-200	200	55	918.11
3864-250	250	76	1248.70
3864-315	315	103	1781.28
3864-400	400	136	3195.01

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	List Price £
3866-80	80	712.64
3866-100	100	791.67
3866-125	125	902.63
3866-160	160	1045.20

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	List Price £
3867-85	85	712.64
3867-110	110	P.O.A
3867-160	160	P.O.A



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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	List Price £
3244-125-3	125	D1-3	P.O.A
3244-125-4	125	D1-4	P.O.A
3244-160-3	160	D1-3	411.69
3244-160-4	160	D1-4	411.69
3244-160-5	160	D1-5	P.O.A
3244-200-4	200	D1-4	506.74
3244-200-5	200	D1-5	506.74
3244-200-6	200	D1-6	506.74
3244-250-6	250	D1-6	696.73
3244-250-8	250	D1-8	696.73
3244-315-6	315	D1-6	981.87
3244-315-8	315	D1-8	981.87
3244-315-11	315	D1-11	981.87

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	List Price £
3544-125-3	125	D1-3	490.94
3544-125-4	125	D1-4	P.O.A
3544-160-3	160	D1-3	P.O.A
3544-160-4	160	D1-4	570.07
3544-160-5	160	D1-5	570.07
3544-200-4	200	D1-4	696.73
3544-200-5	200	D1-5	696.73
3544-200-6	200	D1-6	696.73
3544-250-6	250	D1-6	950.15
3544-250-8	250	D1-8	950.15
3544-315-6	315	D1-6	1361.85
3544-315-8	315	D1-8	1361.85
3544-315-11	315	D1-11	1361.85

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	List Price £
4344-200-4	200	D1-4	488.76
4344-200-5	200	D1-5	P.O.A
4344-200-6	200	D1-6	515.57
4344-250-5	250	D1-5	P.O.A
4344-250-6	250	D1-6	541.29
4344-250-8	250	D1-8	602.55
4344-315-6	315	D1-6	726.38
4344-315-8	315	D1-8	726.38
4344-315-11	315	D1-11	P.O.A

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	List Price £
3245-125-3	125	D1-3	P.O.A
3245-125-4	125	D1-4	P.O.A
3245-160-3	160	D1-3	506.74
3245-160-4	160	D1-4	506.74
3245-160-5	160	D1-5	P.O.A
3245-200-4	200	D1-4	601.68
3245-200-5	200	D1-5	601.68
3245-200-6	200	D1-6	601.68
3245-250-6	250	D1-6	839.30
3245-250-8	250	D1-8	839.30
3245-315-6	315	D1-6	1266.80
3245-315-8	315	D1-8	1266.80
3245-315-11	315	D1-11	1266.80

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	List Price £
3545-125-3	125	D1-3	601.68
3545-125-4	125	D1-4	P.O.A
3545-160-3	160	D1-3	P.O.A
3545-160-4	160	D1-4	696.73
3545-160-5	160	D1-5	P.O.A
3545-200-4	200	D1-4	823.50
3545-200-5	200	D1-5	823.50
3545-200-6	200	D1-6	823.50
3545-250-6	250	D1-6	1140.14
3545-250-8	250	D1-8	1140.14
3545-315-6	315	D1-6	1583.55
3545-315-8	315	D1-8	1583.55
3545-315-11	315	D1-11	1583.55



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	List Price £
4505-200	200	55	838.86
4505-250	250	76	1147.12
4505-315	315	103	1361.85
4505-400	400	136	P.O.A

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	List Price £
4705-200	200	55	1154.09
4704-250	250	76	1502.35
4705-315	315	103	1874.04
4705-400	400	136	2862.67

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	List Price £
4605-200	200	55	937.73
4604-250	250	76	1214.26
4605-315	315	103	1566.55
4605-400	400	136	2404.21

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	List Price £
4805-200	200	55	1321.95
4804-250	250	76	1782.04
4805-315	315	103	2111.11
4805-400	400	136	3225.86

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	List Price £
9157-100-3 AEM	100	3	421.29
9157-100-4 AEM	100	4	503.25
9157-125-4 AEM	125	4	570.94
9157-125-5 AEM	125	5	706.10
9157-160-4 AEM	160	4	708.94
9157-160-5 AEM	160	5	874.94
9157-200-5 AEM	200	5	1132.29
9157-250-6 AEM	250	6	1293.83

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	List Price £
9156-80-2 AEM	80	2	114.45
9156-100-2 AEM	100	2	145.19
9156-100-3 AEM	100	3	152.27
9156-125-4 AEM	125	4	172.66
9156-160-4 AEM	160	4	214.51
9156-160-5 AEM	160	5	264.65
9156-200-5 AEM	200	5	595.14
9156-250-6 AEM	250	6	817.17

3911 – COLLET CHUCK



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

Code	Diameter mm	Collet	List Price £
3911-125-5C	125	5C	362.43

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	List Price £
3960-125-5C	125	5C	503.69



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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	List Price £
8240-125-3-X	125	D1-3	P.O.A
8240-125-4-X	125	D1-4	142.57
8240-160-4-X	160	D1-4	161.10
8240-160-5-X	160	D1-5	161.10
8240-200-4-X	200	D1-4	179.09
8240-200-5-X	200	D1-5	179.09
8240-200-6-X	200	D1-6	179.09
8240-250-5-X	250	D1-5	P.O.A
8240-250-6-X	250	D1-6	241.65
8240-250-8-X	250	D1-8	241.65
8240-315-6-X	315	D1-6	319.26
8240-315-8-X	315	D1-8	319.26
8240-315-11-X	315	D1-11	319.26

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	List Price £
8247-200-4	200	D1-4	P.O.A
8247-200-5	200	D1-5	179.09
8247-200-6	200	D1-6	179.09
8247-250-5	250	D1-5	P.O.A
8247-250-6	250	D1-6	241.65
8247-250-8	250	D1-8	241.65
8247-315-6	315	D1-6	319.26
8247-315-8	315	D1-8	319.26
8247-315-11	315	D1-11	449.08
8247-400-8	400	D1-8	533.12
8247-400-11	400	D1-11	533.12
8247-500-8	500	D1-8	760.17
8247-500-11	500	D1-11	760.17
8247-500-15	500	D1-15	P.O.A
8247-630-11	630	D1-11	1204.23
8247-630-15	630	D1-15	P.O.A

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	List Price £
SJM 3200 3500-80	80	48.94
SJM 3200 3500-100	100	51.45
SJM 3200 3500-125	125	51.34
SJM 3200 3500-160	160	59.19
SJM 3200 3500-200	200	68.02
SJM 3200 3500-250	250	86.00
SJM 3200 3500-315	315	137.34
SJM 3200 3500-400	400	149.44
SJM 3200 3500-500	500	317.95
SJM 3200 3500-630	630	394.36

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	List Price £
SGM 3200 3500-125	125	50.03
SGM 3200 3500-160	160	56.03
SGM 3200 3500-200	200	57.23
SGM 3200 3500-250	250	74.77
SGM 3200 3500-315	315	101.59
SGM 3200 3500-400	400	138.76
SGM 3200 3500-500	500	195.55
SGM 3200 3500-630	630	256.15

SJZ – HARD SOLID OUTSIDE JAWS

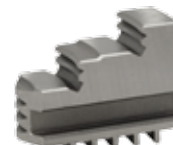


****HIGH STEP OF JAW TO CENTRE OF CHUCK****

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

Code	Chuck size mm	List Price £
SJZ 3200 3500-80	80	63.00
SJZ 3200 3500-100	100	72.49
SJZ 3200 3500-125	125	75.97
SJZ 3200 3500-160	160	87.20
SJZ 3200 3500-200	200	92.65
SJZ 3200 3500-250	250	115.10
SJZ 3200 3500-315	315	188.79
SJZ 3200 3500-400	400	232.39
SJZ 3200 3500-500	500	568.65
SJZ 3200 3500-630	630	682.67

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	List Price £
SJW 3200 3500-80	80	63.00
SJW 3200 3500-100	100	72.49
SJW 3200 3500-125	125	75.97
SJW 3200 3500-160	160	87.20
SJW 3200 3500-200	200	92.65
SJW 3200 3500-250	250	115.10
SJW 3200 3500-315	315	188.79
SJW 3200 3500-400	400	232.39
SJW 3200 3500-500	500	568.65
SJW 3200 3500-630	630	682.67

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	List Price £
3295-400	400	220	1354.11
3295-500	500	320	3417.59
3295-660	660	406	5302.31

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

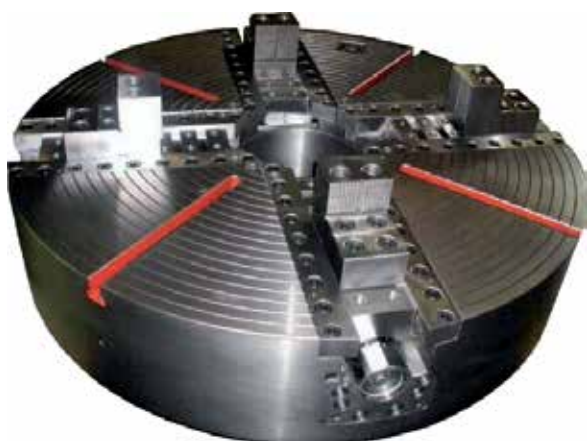


Steel, A2 mount, 2 piece jaws. C/W Set base jaws,
hard reversible top jaws & wrench. High gripping
force and high accuracy for heavy duty opera-
tions. Ground working surfaces.
Other sizes available.

Code	Diameter mm	Bore mm	Mount	List Price £
4317-20-15-8-HD	20"	8"	A2-15	4420.06
4317-25-15-10.5-HD	25"	10.5"	A2-15	4560.45
4317-25-20-10.5-HD	25"	10.5"	A2-20	4560.45
4317-25-20-12.5-HD	25"	12.5"	A2-20	4560.45
4317-32-20-12.5-HD	32"	12.5"	A2-20	P.O.A
4317-32-20-14.5-HD	32"	14.5"	A2-20	P.O.A

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.





Best of 2017

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	List Price £
2405-160-45K	160	45	3.5	877.23
2405-200-52K	200	52	5	920.83
2405-250-75K	250	75	6	1154.53
2405-315-91K	315	91	6	1492.86

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	List Price £
2405-160-53K	160	53	3.5	1519.46
2405-200-66K	200	66	5	1735.28
2405-250-81K	250	81	6	1967.45
2405-315-110K	315	110	6	2059.66

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	List Price £
2605-160-45K	160	45	3.5	4384.42
2605-200-52K	200	52	5	4602.09
2605-250-75K	250	75	6	4630.65
2605-315-91K	315	91	6	5313.64

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.

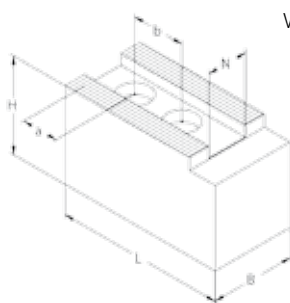


SPECIAL POWER CHUCKS

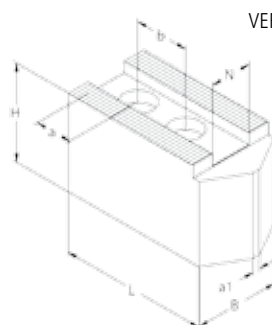
Special Power Chucks can be designed and manufactured to meet your requirements. To obtain a price please contact us, and we will arrange for a sales engineer to phone you or visit to discuss your requirements. Below are examples of special Power Chucks previously designed and manufactured.



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	List Price £
398521853300	SGM 2605-160-45K	160	2	65	40	40	12	20	M10	1.5x60°	117.94
398521875200	SGM 2605-200-52K	200	2	95	40	40	14	25	M12	1.5x60°	158.92
398521885400	SGM 2605-250-75K	250	2	105	50	50	16	30	M12	1.5x60°	171.68
398521896900	SGM 2605-315-91K	315	2	110	50	50	21	30	M16	1.5x60°	479.71

Code	Type	Kitagawa Type	Version	Length mm	Width mm	Height mm	Slot width mm	Hole centres mm	Screw size	Serration	List Price £
398525013100	SGM MVS 110-10-01	KSJ-205	2	55	25	31	10	14	M8	1.5x60°	26.17
398525014400	SGM MVS 110-10-02	KSJ-205H	2	55	22	47	10	14	M8	1.5x60°	29.45
398525015700	SGM MVS 135-10-01	KSJ-5	2	57	25	32	10	18	M8	1.5x60°	30.55
398525030700	SGM MPS 160-12-01	KSJ-6H	1	72	35	60	12	20	M10	1.5x60°	41.69
398525031000	SGM MPS 160-12-02	KSJ-6	1	72	32	32	12	20	M10	1.5x60°	29.37
398525034800	SGM MVS 160-12-01	KSJ-6L	2	82	32	32	12	20	M10	1.5x60°	38.16
398525038900	SGM MPS 200-14-02	KSJ-8	1	95	35	40	14	25	M12	1.5x60°	32.44
398525039100	SGM MPS 200-14-03	KSJ-8H	1	95	38	80	14	25	M12	1.5x60°	50.75
398525045200	SGM MVS 200-14-01	KSJ-8L	2	102	35	38	14	25	M12	1.5x60°	38.97
398525057000	SGM MPS 250-16-03	KSJ-10H	1	110	38	78	16	30	M12	1.5x60°	52.66
398525059500	SGM MPS 250-16-05	KSJ-10	1	110	40	42	16	30	M12	1.5x60°	39.05
398525065600	SGM MVS 250-16-01	KSJ-10L	2	125	40	42	16	30	M12	1.5x60°	46.12
398525072000	SGM MPS 315-18-01	KSJ-12	1	130	50	50	18	30	M14	1.5x60°	45.67
398525073200	SGM MPS 315-18-02	KSJ-12H	1	130	50	80	18	30	M14	1.5x60°	75.68
398525086200	SGM MPS 315-21-02	KSJ-212	1	129	48	60	21	30	M16	1.5x60°	57.82
398525088800	SGM MPS 315-21-04	KSJ-212H	1	129	48	78	21	30	M16	1.5x60°	79.04
398525092300	SGM MVS 315-21-01	KSJ-212L	2	145	48	48	21	30	M16	1.5x60°	62.07

Code	Type	Chuck size mm	Version	Length mm	Width mm	Height mm	Slot width mm	Hole centres mm	Screw size	Serration	List Price £
398521511800	SGM 2405-160-45K	160	2	65	40	40	12	20	M10	1.5x60°	49.05
398521521000	SGM 2405-200-52K	200	2	95	40	40	14	25	M12	1.5x60°	57.88
398521531100	SGM 2405-250-75K	250	2	105	50	50	16	30	M12	1.5x60°	65.73
398521541300	SGM 2405-315-91K	315	2	110	50	50	21	30	M16	1.5x60°	95.16

Code	Type	Chuck size mm	Clamp range mm	Length mm	Width mm	Height mm	Slot width mm	Hole centres mm	Screw size	Serration	List Price £
398521609900	SW KB 160K 28-55	160	28-55	74	40	49	12	20	M10	1.5x60°	P.O.A
398521612100	SW KB 160K 36-68	160	36-68	68	40	49	12	20	M10	1.5x60°	150.42
398521613400	SW KB 160K 50-81	160	50-81	70	40	49	12	20	M10	1.5x60°	150.42
398521614700	SW KB 160K 63-97	160	63-97	60	40	49	12	20	M10	1.5x60°	150.42
398521615000	SW KB 160K 80-112	160	80-112	60	40	49	12	20	M10	1.5x60°	150.42
398521716300	SW KB 200K 29-72	200	29-72	83	40	49	14	25	M12	1.5x60°	156.52
398521714800	SW KB 200K 63-100	200	63-100	69	40	49	14	25	M12	1.5x60°	156.52
398521713500	SW KB 200K 92-129	200	92-129	57	40	49	14	25	M12	1.5x60°	156.52
398521717600	SW KB 200K 111-158	200	111-158	50	40	49	14	25	M12	1.5x60°	156.52
398521715000	SW KB 200K 150-189	200	150-189	73.5	40	49	14	25	M12	1.5x60°	156.52
398521722400	SW KB 250K 40-94	250	40-94	97	40	59	16	30	M12	1.5x60°	173.75
398521723700	SW KB 250K 78-130	250	78-130	78	40	59	16	30	M12	1.5x60°	173.75
398521724000	SW KB 250K 121-173	250	121-173	67	40	59	16	30	M12	1.5x60°	173.75
398521725200	SW KB 250K 166-215	250	166-215	66.5	40	59	16	30	M12	1.5x60°	173.75
398521726500	SW KB 250K 203-252	250	203-252	85.5	40	59	16	30	M12	1.5x60°	173.75
398521732600	SW KB 315K 41-127	315	41-127	120	50	59	21	30	M16	1.5x60°	208.84
398521733900	SW KB 315K 89-181	315	89-181	95	50	59	21	30	M16	1.5x60°	208.84
398521734100	SW KB 315K 153-245	315	153-245	75	50	59	21	30	M16	1.5x60°	208.84
398521735400	SW KB 315K 219-300	315	219-300	85	50	59	21	30	M16	1.5x60°	P.O.A

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	List Price £
6620-100-320-165	100	320	165	585.46
6620-125-335-165	125	335	165	714.82
6620-150-425-210	150	425	210	825.07
6620-150-475-260	150	475	260	876.82
6620-150-520-305	150	520	305	928.58
6620-200-535-260	200	535	260	1115.43
6620-200-585-310	200	585	310	1172.84
6620-200-635-360	200	635	360	1261.90

6622 – PRECISION VICE



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

Code	Jaw width mm	Base length mm	List Price £
6622-100	100	140	P.O.A
6622-125	125	160	P.O.A
6622-150	150	210	852.35
6622-200	200	240	1043.66

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	List Price £
6530-100	100	80	310.43
6530-125	125	100	395.64
6530-160	160	125	530.03

6540 – QUICK ACTING VICE



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

Code	Jaw width mm	Opening mm	List Price £
6540-80	80	80	217.47
6540-100	100	125	306.05
6540-125	125	150	311.66
6540-160	160	160	367.12

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	List Price £
6910-105	105	75	385.98
6910-155	155	165	493.65
6910-210	210	205	675.08

6624 – PRECISION VICE



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

Code	Jaw width mm	Base length mm	List Price £
6624-100	100	163	P.O.A
6624-125	125	170	P.O.A
6624-150	150	221.5	788.02
6624-200	200	253.5	979.44

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	List Price £
6522-160	160	80	323.11
6522-200	200	100	391.49

6542 – QUICK ACTING VICE



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

Code	Jaw width mm	Opening mm	List Price £
6542-80	80	80	185.58
6542-100	100	100	245.98

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	List Price £
6512-100	100	80	190.63
6512-125	125	95	258.00
6512-160	160	125	370.83
6512-200	200	160	512.18
6512-250	250	200	911.63

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	List Price £
6516-M125	125	205	1055.79
6516-M160	160	280	1385.75
6516-M200	200	375	2226.20

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	List Price £
6517-M100	100	125	445.15
6517-M125	125	160	489.95
6517-M160	160	180	740.87
6517-M200	200	280	1027.38

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	List Price £
6531-125	125	100	330.75
6531-160	160	125	425.17
6531-200	200	160	558.88

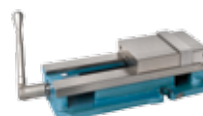
6546 – SHAFT HOLDING VICE



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	List Price £
6546-100	100	10 – 83	474.79
6546-125	125	15 – 100	632.08
6546-160	160	50 – 160	985.96

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)	List Price £
6523-155L	155	224	704.72

6543 – DRILL PRESS VICE



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

Code	Jaw width mm	Opening mm	List Price £
6543-85M	85	70	60.18
6543-100M	100	85	68.60
6543-120M	120	120	82.29
6543-150M	150	150	106.99

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	List Price £
6710-125	125	100	P.O.A
6710-160	160	125	P.O.A
6710-200	200	160	P.O.A

5859 – ROTARY TABLE



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

Code	Table Ø mm	Worm ratio	List Price £
5859-160	160	1:60	1829.46
5859-200	200	1:60	1987.62
5859-250	250	1:90	2407.70
5859-320	320	1:90	2696.55
5859-400	400	1:90	3764.53
5859-500	500	1:120	5519.22

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	List Price £
5901-100	125	100	1072.89
5901-125	160	125	1298.19
5901-160	200	160	1618.00
5911-200	250	200	3595.58
5911-250	315	250	3990.49

5818 – TAILSTOCK



Designed for use with indexing fixtures & rotary tables.

Code	MT	Centre height mm	List Price £
5818-80	1	80	326.24
5818-100	2	100	354.25
5818-125	2	125	366.57
5818-160	3	160	431.53
5818-200	4	200	541.95
5818-250	4	250	664.79

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	List Price £
5819-95-130	2	95-130	678.96
5819-130-170	3	130-170	739.02
5819-170-200	3	170-200	757.77
5819-200-220	3	200-220	933.26
5819-220-250	4	220-250	1020.89

5150 – ANGLE PLATES



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

Code - size mm	T slot mm	Max work weight kg	List Price £
5150-200X250	12	60	752.43
5150-250X315	14	100	820.99

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	List Price £
5155-200X250	12	60	819.24
5155-250X315	14	100	887.59

9210 – HAND PRESS



Manually operated.

Code	Capacity mm	O/all height when closed mm	List Price £
9210-485	250	485	459.75

1250 – HEAVY DUTY BENCH VICE



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

Code	Jaw width mm	Opening mm	List Price £
1250-63L	63	63	57.03
1250-80L	80	80	63.43
1250-100L	100	80	63.66
1250-125L	125	100	88.13
1250-150L	150	125	115.19
1250-175L	175	150	155.38

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.O.A

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.O.A

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	List Price £
9170-150	130	159.8	28	1336.67
9170-200	140	169.8	35	1855.51



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	List Price £
1114-20P	20	12-16	73.79
1114-30P	30	16-20	67.36
1114-40P	40	20-25	82.84

1114L – B2 VDI RADIAL HOLDER

B2 radial holder for square shank tools.



Code	VDI size	Tool Size mm	List Price £
1114-20L	20	12-16	73.79
1114-30L	30	16-20	67.36
1114-40L	40	20-25	82.84

1115P – B3 VDI RADIAL HOLDER INVERTED

B3 right hand inverted radial holder for square shank tools.



Code	VDI size	Tool Size mm	List Price £
1115-20P	20	12-16	73.79
1115-30P	30	16-20	67.36
1115-40P	40	20-25	82.84

1115L – B4 VDI RADIAL HOLDER INVERTED

B4 left hand inverted radial holder for square shank tools



Code	VDI size	Tool Size mm	List Price £
1115-20L	20	12-16	73.79
1115-30L	30	16-20	67.36
1115-40L	40	20-25	82.84

1133P – C1 VDI AXIAL HOLDER

C1 axial holder for square shank tools.



Code	VDI size	Tool Size mm	List Price £
1133-20P	20	12-16	124.59
1133-30P	30	16-20	88.29
1133-40P	40	20-25	105.08

1133L – C2 VDI AXIAL HOLDER

C2 axial holder for square shank tools.



Code	VDI size	Tool Size mm	List Price £
1133-20L	20	12-16	124.59
1133-30L	30	16-20	88.29
1133-40L	40	20-25	105.08

1154P – VDI PART OFF HOLDER

VDI holder for part off blades right hand.



Code	VDI size	Part off blade mm	List Price £
1154-30-26P	30	26	262.04
1154-30-32P	30	32	262.04
1154-40-26P	40	26	277.95
1154-40-32P	40	32	277.95

1154L – VDI PART OFF HOLDER

VDI holder for part off blades left hand.



Code	VDI size	Part off blade mm	List Price £
1154-30-26L	30	26	262.04
1154-30-32L	30	32	262.04
1154-40-26L	40	26	277.95
1154-40-32L	40	32	277.95

1220 – E4 VDI ER COLLET CHUCK

E4 VDI ER collet chucks for holding round shanks.



Code	VDI size	ER collet	List Price £
1220-20-ER16	20	16	86.76
1220-30-ER25	30	25	102.90
1220-30-ER32	30	32	102.90
1220-40-ER25	40	25	122.52
1220-40-ER32	40	32	122.52

1224 – F1 VDI MORSE TAPER HOLDER

F1 VDI morse taper holders.



Code	VDI size	MT	List Price £
1224-20-1	20	1	75.32
1224-30-1	30	1	67.14
1224-30-2	30	2	67.14
1224-40-2	40	2	78.26
1224-40-3	40	3	78.26

1201 – A1 VDI BLANK HOLDER

A1 VDI blank toolholder.



Code	VDI size	Size mm WxHxD	List Price £
1201-20	20	100x60x65	74.67
1201-30	30	130x76x85	92.76
1201-40	40	151x96x100	128.29

1225 – Z2 VDI BLANKING PLUG

Z2 VDI blanking plug.



Code	VDI size	Size mm ØxL	List Price £
1225-20	20	50	25.07
1225-30	30	68	26.27
1225-40	40	83	30.08

1254 – E1 VDI SIDE LOCK HOLDER

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



Code	VDI size	Shank size mm	List Price £
1254-20-16	20	16	60.39
1254-20-20	20	20	60.39
1254-30-16	30	16	63.66
1254-30-20	30	20	63.66
1254-30-25	30	25	63.66
1254-30-32	30	32	63.66
1254-40-16	40	16	68.23
1254-40-20	40	20	68.23
1254-40-25	40	25	68.23
1254-40-32	40	32	68.23

1230 – VDI BORING BAR HOLDER

VDI boring bar holder.



Code	VDI size	Shank size mm	List Price £
1230-30-12	30	12	71.61
1230-30-16	30	16	71.61
1230-30-20	30	20	71.61
1230-40-16	40	16	78.15
1230-40-20	40	20	78.15
1230-40-25	40	25	78.15

1203 – A2 VDI BLANK HOLDERS

A2 VDI blank toolholder.



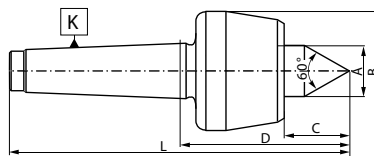
Code	VDI size	Size mm ØxL	List Price £
1203-20	20	50x70	37.93
1203-30	30	68x100	42.51
1203-40	40	83x120	55.70

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				Standard				A	B	C	D	L
			Type	Max. runout	Part No.	List price £	Type	Max. runout	Part No.	List price £					
1	100	7000					8811R-1	0,005	800006761	£125.46	15	36,0	17,0	60,5	114
2	200	7000	8811-2RP	0,003	800006762	£166.31	8811R-2	0,005	800006763	£125.46	20	45,0	23,5	64,5	128,5
3	400	6300	8811-3 RLP*	0,003	800006766	£230.38	8811-3 RL*	0,005	800006623	£147.16	22	50,0	27,5	70,0	151
3	500	5000	8811-3RP	0,003	800006764	£230.38	8811R-3	0,005	800006765	£147.16	25	60,0	30,5	79,0	160
4	800	3800	8811-4RP	0,003	800006767	£335.92	8811R-4	0,005	800006624	£230.38	32	70,0	40,0	101,5	204
5	2000	3000	8811-5RP	0,005	800006768	£429.94	8811R-5	0,005	800006625	£358.28	40	90,0	49,5	128	257,5
6	3500	2600					8811R-6	0,01	800006769	£652.62	50	105,0	57,5	152	334
6	5000	1500					8811-6 RC**	0,01	800006770	£972.49	62,4	140,0	67,0	194	376

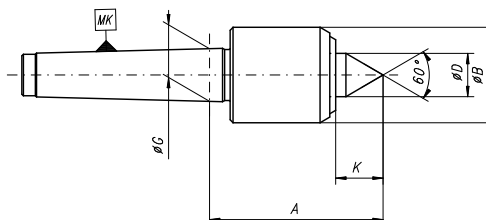
* Slim body design

** 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).

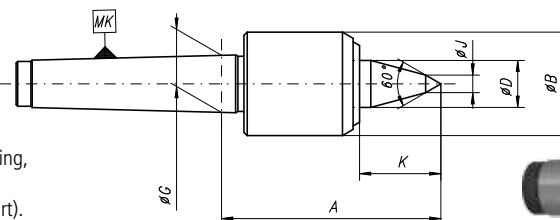


Type	KMT	A	B	D	G	K	Max. weight	Max. RPM	Max. runout	Part No.	List price £
8812R-2	2	62	32	15	17,780	18	200	7000	0,005	800006024	£128.02
8812R-3	3	62	34	15	23,825	18	400	7000	0,005	800006705	£138.21
8812R-4	4	75,5	42	20	31,267	25	800	6300	0,005	800006706	£168.84
8812R-5	5	104	58	30	44,399	34	1600	4300	0,01	800006707	£243.12
8812R-6	6	143	80	42	63,348	49	3500	3000	0,02	800006708	£537.48

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).

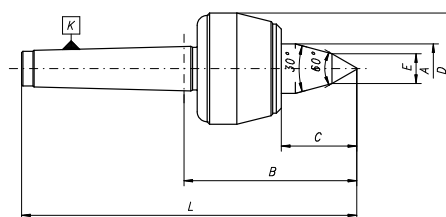


Type	MT	A	B	D	G	K	J	Max. weight	Max. RPM	Max. runout	Part No.	List price £
8813R-2	2	73	32	15	17,780	29	10	170	7000	0,008	800006709	£150.91
8813R-3	3	74	34	15	23,825	30	11	340	7000	0,008	800006710	£159.03
8813R-4	4	88,5	42	20	31,267	38	13	700	6300	0,008	800006245	£198.33
8813R-5	5	119	58	30	44,399	49	14	1400	4300	0,01	800006711	£303.95
8813R-6	6	164	80	42	63,348	70	18	3000	3000	0,02	800006712	£511.92

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.	List price £
8814R-1	1	15	66,5	23,0	36	9	120,0	80	7000	0,010	800006536	£123.01
8814R-2	2	20	74,5	33,5	45	10	138,5	140	7000	0,005	800006537	£129.87
8814R-3	3	25	92,0	43,5	60	12	173,0	400	5000	0,005	800006538	£198.11
8814R-4	4	32	113,5	52,0	70	14	216,0	500	3800	0,005	800006539	£224.00
8814R-5	5	40	144,3	65,3	90	16	272,8	1200	3000	0,005	800005509	£344.17
8814R-6	6	50	170,5	77,5	105	18	352,5	2500	2600	0,010	800006540	£652.26

8811 – ROTATING CENTRE



Heavy duty precision rotating centre with 60° point.

Code	MT	Max weight kg	RPM	List Price £
8811-1-I	1	100	5000	72.81
8811-2-I	2	180	5000	91.56
8811-3-I	3	450	4000	106.93
8811-4-I	4	1000	3000	136.47
8811-5-I	5	1900	2500	199.58
8811-6-I	6	3700	2000	436.55

8824 – EXTENDED POINT ROTATING CENTRE



Rotating centre with radial compensation and adjustment of radial clearance.

Code	MT	Max weight kg	Point length mm	List Price £
8824-2	2	90	38.5	133.96
8824-3	3	180	47.5	142.46
8824-4	4	350	66.5	167.53
8824-5	5	600	86.5	187.26
8824-6	6	1300	94.5	330.27

8825 – TUBE CENTRE



Rotating 60° truncated point for tube work.

Code	MT	Max weight kg	Size mm	List Price £
8825-1	1	100	20-50	105.73
8825-2	2	180	30-60	117.39
8825-2-1	2	300	30-80	146.71
8825-3	3	350	30-80	159.25
8825-3-1	3	550	40-100	191.08
8825-3-2	3	600	50-120	204.16
8825-4	4	600	40-100	170.15
8825-4-1	4	700	50-120	212.66
8825-4-2	4	700	70-140	233.91
8825-5	5	750	50-120	176.80
8825-5-1	5	750	100-170	319.26
8825-6	6	2000	180-292	866.55

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	List Price £
8882-3-80-150	3	700	95-150	231.30
8882-3-80-200	3	700	145-200	317.74
8882-4-100-150	4	1000	95-150	267.49
8882-4-100-200	4	1000	145-200	333.00
8882-4-100-250	4	1000	195-250	369.29
8882-4-125-200	4	1500	145-200	333.00
8882-4-125-250	4	1500	195-250	397.09
8882-4-125-300	4	1500	245-300	433.38
8882-5-125-200	5	1500	145-200	376.16
8882-5-125-250	5	1500	195-250	433.38
8882-5-125-300	5	1500	245-300	541.95
8882-5-160-250	5	1800	195-250	448.64
8882-5-160-300	5	1800	245-300	541.95

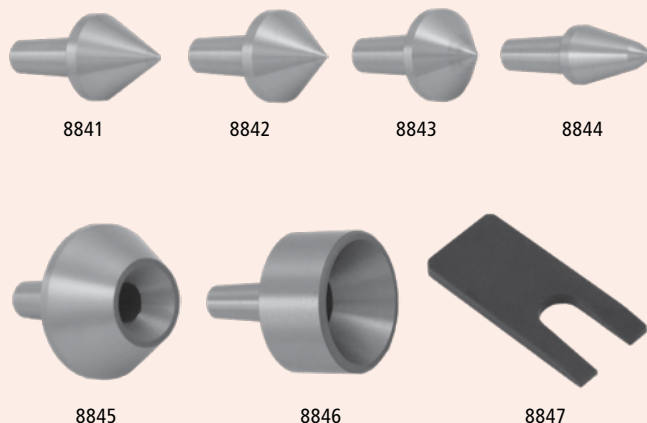
8831-KPL – ROTATING CENTRE WITH INTERCHANGEABLE INSERTS



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	List Price £
8831-2/I KPL	2	70	5000	200.67
8831-3/I KPL	3	120	4000	217.35
8831-4/I KPL	4	280	3000	271.74
8831-5/I KPL	5	650	2500	433.38
8831-6/I KPL	6	1200	2000	794.17

INCLUDED IN THE SET



8711 – DEAD CENTRE 60° CARBIDE POINT



Code	MT	Ø mm	List Price £
8711-1	1	12.2	28.67
8711-2	2	18.0	33.90
8711-3	3	24.1	45.78
8711-4	4	31.6	59.19
8711-5	5	44.7	108.02
8711-6	6	63.8	152.93

8712 – DEAD CENTRE 60°



Code	MT	Ø mm	List Price £
8712-1	1	12.2	9.05
8712-2	2	18.0	11.01
8712-3	3	24.1	13.84
8712-4	4	31.6	22.89
8712-5	5	44.7	43.49
8712-6	6	63.8	103.55

8720 – DEAD CENTRE 60° WITH SPANNER FLATS



Code	MT	Ø mm	List Price £
8720-1	1	12.2	10.57
8720-2	2	18.0	12.54
8720-3	3	24.1	17.00
8720-4	4	31.6	27.47
8720-5	5	44.7	47.20
8720-6	6	63.8	113.80

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



Code	MT	Ø mm	List Price £
8721-1	1	12.2	29.32
8721-2	2	18.0	29.32
8721-3	3	24.1	39.02
8721-4	4	31.6	61.37
8721-5	5	44.7	107.26
8721-6	6	63.8	214.62

8725 – DEAD CENTRE 60° WITH DRAW OFF NUT



Code	MT	Ø mm	List Price £
8725-1	1	12.2	22.89
8725-2	2	18.0	26.38
8725-3	3	24.1	30.41
8725-4	4	31.6	46.11
8725-5	5	44.7	75.65
8725-6	6	63.8	163.83

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



Code	MT	Ø mm	List Price £
8726-1	1	12.2	40.33
8726-2	2	18.0	40.33
8726-3	3	24.1	52.97
8726-4	4	31.6	83.60
8726-5	5	44.7	146.39
8726-6	6	63.8	292.56

5362 – DRILL CHUCK ARBOR

MT to JT arbor for drill chucks.



Code	MT	JT	List Price £
5362-2-J2	2	2	7.74
5362-2-J3	2	3	7.74
5362-2-J33	2	33	7.74
5362-2-J6	2	6	7.74
5362-3-J2	3	2	8.94
5362-3-J3	3	3	8.94
5362-3-J33	3	33	8.94
5362-3-J6	3	6	8.94
5362-4-J2	4	2	13.30
5362-4-J3	4	3	13.30
5362-4-J6	4	6	13.30
5362-5-J3	5	3	19.95
5362-5-J6	5	6	19.95

1751 – REDUCTION DRILL SLEEVE

Hardened and ground internally and externally.



Code	Ext MT	Int MT	List Price £
1751-2-1	2	1	7.30
1751-3-1	3	1	9.37
1751-3-2	3	2	8.94
1751-4-1	4	1	12.32
1751-4-2	4	2	12.32
1751-4-3	4	3	12.32
1751-5-1	5	1	24.20
1751-5-2	5	2	24.20
1751-5-3	5	3	23.65
1751-5-4	5	4	23.65
1751-6-3	6	3	60.71
1751-6-4	6	4	60.71
1751-6-5	6	5	60.71

1226 – REDUCTION SLEEVE

For use with VDI and toolpost holders.



Code	OD ø mm	ID ø mm	Length mm	List Price £
1226-25-8	25	8	60	27.25
1226-25-10	25	10	60	27.25
1226-25-12	25	12	60	27.25
1226-25-16	25	16	60	25.07
1226-25-12	25	12	75	25.07
1226-25-16	25	16	75	30.30
1226-32-16	32	16	75	30.30
1226-32-20	32	20	75	32.37
1226-32-25	32	25	75	32.37
1226-40-20	40	20	75	34.55
1226-40-25	40	25	75	34.55
1226-40-32	40	32	75	34.55

5133 – KEYLESS DRILL CHUCK

Precision keyless drill chuck for industrial and CNC use.



Code	Capacity mm	Taper	Run out	List Price £
5133-10-J2	10	J2	0.04	103.88
5133-10-J33	10	J33	0.04	103.88
5133-13-J2	13	J2	0.04	111.51
5133-13-J6	13	J6	0.04	111.51
5133-13-J33	13	J33	0.04	111.51
5133-16-J6	16	J6	0.04	126.66
5133-16-J3	16	J3	0.04	126.66

1761 – EXTENSION DRILL SLEEVES

Hardened and ground internally and externally.



Code	Ext MT	Int MT	Length mm	List Price £
1761-1-1	1	1	145	11.01
1761-1-2	1	2	160	13.52
1761-1-3	1	3	183	16.24
1761-2-1	2	1	160	12.32
1761-2-2	2	2	175	13.52
1761-2-3	2	3	196	17.00
1761-2-4	2	4	221	25.07
1761-3-1	3	1	175	13.52
1761-3-2	3	2	194	15.26
1761-3-3	3	3	215	17.77
1761-3-4	3	4	240	26.05
1761-3-5	3	5	275	39.13
1761-4-1	4	1	200	17.77
1761-4-2	4	2	215	24.63
1761-4-3	4	3	240	24.63
1761-4-4	4	4	265	27.14
1761-4-5	4	5	300	53.30
1761-4-6	4	6	361	88.62
1761-5-2	5	2	247	31.28
1761-5-3	5	3	268	31.28
1761-5-4	5	4	300	44.58
1761-5-5	5	5	335	57.55
1761-5-6	5	6	396	96.36
1761-6-2	6	2	309	71.07
1761-6-3	6	3	330	71.07
1761-6-4	6	4	355	80.55
1761-6-5	6	5	390	80.55
1761-6-6	6	6	451	137.01

1875 – LATHE SOCKET TO MT

Cylindrical reduction sleeve to MT.



Code	OD ø mm	Int MT	Length mm	List Price £
1875-25-1-75	25	1	75	26.16
1875-25-2-75	25	2	75	26.16
1875-32-2-100	32	2	100	26.16
1875-32-3-100	32	3	100	26.16
1875-40-2-100	40	2	100	31.39
1875-40-3-100	40	3	100	31.39
1875-40-4-120	40	4	120	36.62

DIN 69871

7617 AD – ER COLLET CHUCK

DIN 69871 ER collet chucks (DIN6499)



Code	Taper	ER collet	Gauge length mm	List Price £
7617-30-ER16-60	30	16	60	44.58
7617-40-ER16-60	40	16	60	46.87
7617-40-ER25-60	40	25	60	46.87
7617-40-ER32-70	40	32	70	49.05
7617-40-ER32-130	40	32	130	49.05
7617-40-ER40-70	40	40	70	47.42
7617-50-ER32-70	50	32	70	68.56
7617-50-ER32-130	50	32	130	82.30
7617-50-ER40-80	50	40	80	68.56
7617-50-ER40-130	50	40	130	82.30

7369 A – SHELL MILL ADAPTER

DIN 69871 shell mill adapter for holding face mills.



Code	Taper	Spigot mm	Gauge length mm	List Price £
7369-30-16-35	30	16	35	47.42
7369-30-22-35	30	22	35	47.42
7369-30-27-60	30	27	60	47.42
7369-40-22-60	40	22	60	44.69
7368-40-22-120	40	22	120	53.52
7369-40-27-60	40	27	60	45.67
7369-40-27-120	40	27	120	54.83
7369-40-32-60	40	32	60	47.85
7369-40-32-120	40	32	120	57.66
7369-50-22-60	50	22	60	58.75
7369-50-22-110	50	22	110	70.52
7369-50-27-60	50	27	60	58.75
7369-50-27-110	50	27	110	70.52
7369-50-32-60	50	32	60	63.11
7369-50-32-110	50	32	110	75.76

7617-S AD – ER SLIM COLLET CHUCK

DIN 69871 ER collet chucks (DIN6499)



Code	Taper	ER collet	Gauge length mm	List Price £
7617-40-ER16-100 S	40	16	100	52.21
7617-40-ER16-150 S	40	16	150	59.62
7617-50-ER16-100 S	50	16	100	97.66
7617-50-ER16-150 S	50	16	150	113.14

7625 AD – SIDE LOCK HOLDER

DIN 69871 side lock end mill holder.



Code	Taper	Bore mm	Gauge length mm	List Price £
7625-30-6-50	30	6	50	32.70
7625-30-10-50	30	10	50	32.70
7625-30-12-50	30	12	50	32.70
7625-30-16-63	30	16	63	32.70
7625-30-20-63	30	20	63	32.70
7625-40-6-50	40	6	50	34.77
7625-40-10-50	40	10	50	32.70
7625-40-12-50	40	12	50	32.70
7625-40-16-63	40	16	63	32.70
7625-40-20-63	40	20	63	32.70
7625-40-25-60	40	25	60	32.37
7625-50-6-63	50	6	63	44.58
7625-50-10-63	50	10	63	42.51
7625-50-12-63	50	12	63	42.51
7625-50-16-63	50	16	63	42.51
7625-50-20-63	50	20	63	42.51
7625-50-25-60	50	25	60	45.67
7625-50-32-70	50	32	70	52.43

Long gauge lengths also available.

To view the full range of spindle tooling please refer to section 6 of the main catalogue 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	List Price £
1681-30-1-50	30	1	50	33.14
1681-30-2-60	30	2	60	33.14
1681-30-3-80	30	3	80	33.14
1681-40-1-50	40	1	50	32.70
1681-40-2-50	40	2	50	32.70
1681-40-3-70	40	3	70	32.70
1681-40-4-95	40	4	95	35.97
1681-50-1-45	50	1	45	45.67
1681-50-2-60	50	2	60	45.67
1681-50-3-65	50	3	65	45.67
1681-50-4-95	50	4	95	45.67
1681-50-5-105	50	5	105	50.03

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	List Price £
7630-40-6-80	40	6	80	96.14
7630-40-10-80	40	10	80	96.68
7630-40-12-80	40	12	80	96.68
7630-40-16-80	40	16	80	96.68
7630-40-20-80	40	20	80	96.68
7630-40-25-100	40	25	100	96.68
7630-50-6-80	50	6	80	143.44
7630-50-10-80	50	10	80	143.44
7630-50-12-80	50	12	80	143.44
7630-50-16-80	50	16	80	143.44
7630-50-20-80	50	20	80	143.44
7630-50-25-100	50	25	100	143.44
7630-50-32-100	50	32	100	143.44

2191 A – BLANK ADAPTER



DIN 69871 machineable blank adapter.

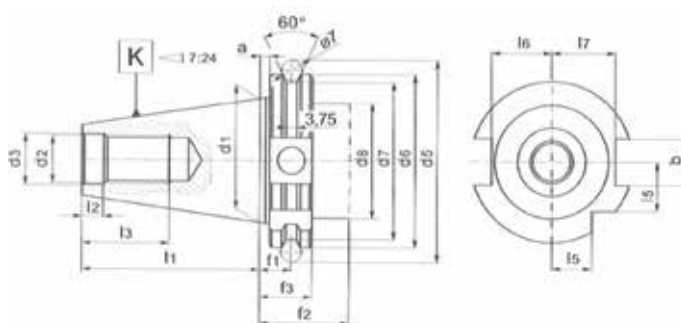
Code	Taper	Ø mm	Length mm	List Price £
2191-40-40-280	40	40	280	74.23
2191-40-63-280	40	63	280	74.23
2191-50-50-330	50	50	330	135.05
2191-50-80-330	50	80	330	135.05

7655 A – KEYLESS DRILL CHUCK



DIN 69871 keyless drill chuck.

Code	Taper	Capacity mm	Gauge length mm	List Price £
7655-40-1-13-87	40	1-13	87	168.19
7655-40-3-16-106	40	3-16	106	179.41
7655-50-1-13-87	50	1-13	87	195.33
7655-50-3-16-90	50	3-16	90	208.41



For all sizes and dimensions see main catalogue.

To view the full range of spindle tooling please refer to section 6 of the main catalogue 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	List Price £
7626-30-ER16-60	30	16	60	44.58
7626-30-ER25-60	30	25	60	45.56
7626-40-ER16-60	40	16	60	45.56
7626-40-ER25-60	40	25	60	42.51
7626-40-ER32-70	40	32	70	44.69
7626-40-ER32-130	40	32	130	49.05
7626-40-ER40-70	40	40	70	47.42
7626-50-ER32-70	50	32	70	69.32
7626-50-ER32-130	50	32	130	83.17
7626-50-ER40-80	50	40	80	69.32
7626-50-ER40-130	50	40	130	83.17

7626-S AD – ER SLIM COLLET CHUCK



BT ER collet chucks (DIN6499).

Code	Taper	ER collet	Gauge length mm	List Price £
7626-40-ER16-100 S	40	16	100	52.21
7626-40-ER16-150 S	40	16	150	59.62
7626-50-ER16-100 S	50	16	100	97.66
7626-50-ER16-150 S	50	16	150	113.14

7388 A – SHELL MILL ADAPTER



BT shell mill adapters for holding face mills.

Code	Taper	Spigot mm	Gauge length mm	List Price £
7388-30-16-43	30	16	43	44.58
7388-30-22-43	30	22	43	44.58
7388-30-27-43	30	27	43	45.45
7388-40-22-52	40	22	52	44.69
7388-40-22-120	40	22	120	53.52
7388-40-27-52	40	27	52	45.67
7388-40-27-120	40	27	120	54.83
7388-40-32-52	40	32	52	47.85
7388-40-32-120	40	32	120	57.66
7388-50-22-65	50	22	65	58.75
7388-50-22-110	50	22	110	70.52
7388-50-27-65	50	27	65	58.75
7388-50-27-110	50	27	110	70.52
7388-50-32-65	50	32	65	63.11
7388-50-32-110	50	32	110	75.76

7624 – SIDE LOCK HOLDER



BT side lock end mill holder.

Code	Taper	Bore mm	Gauge length mm	List Price £
7624-30-6-50	30	6	50	35.53
7624-30-10-50	30	10	50	35.53
7624-30-12-50	30	12	50	35.53
7624-30-16-63	30	16	63	35.53
7624-30-20-63	30	20	63	35.53
7624-40-6-50	40	6	50	34.77
7624-40-10-63	40	10	63	32.70
7624-40-12-63	40	12	63	32.70
7624-40-16-63	40	16	63	32.70
7624-40-20-63	40	20	63	32.70
7624-40-25-60	40	25	60	32.37
7624-50-6-63	50	6	63	58.21
7624-50-10-63	50	10	63	56.14
7624-50-12-63	50	12	80	56.14
7624-50-16-80	50	16	80	56.14
7624-50-20-80	50	20	80	53.41
7624-50-25-60	50	25	60	57.77
7624-50-32-70	50	32	70	54.83

Long gauge lengths also available.

To view the full range of spindle tooling please refer to section 6 of the main catalogue 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	List Price £
1661-30-1-50	30	1	50	33.14
1661-30-2-60	30	2	60	33.14
1661-30-3-79	30	3	79	33.14
1661-40-1-50	40	1	50	32.70
1661-40-2-50	40	2	50	32.70
1661-40-3-70	40	3	70	32.70
1661-40-4-95	40	4	95	35.97
1661-50-1-45	50	1	45	50.03
1661-50-2-60	50	2	60	50.03
1661-50-3-65	50	3	65	50.03
1661-50-5-105	50	5	105	56.57

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	List Price £
7632-40-6-90	40	6	90	96.79
7632-40-10-90	40	10	90	96.79
7632-40-12-90	40	12	90	96.79
7362-40-16-90	40	16	90	96.79
7632-40-20-90	40	20	90	96.79
7632-40-25-100	40	25	100	96.79
7632-50-6-100	50	6	100	143.44
7632-50-10-100	50	10	100	143.44
7632-50-12-100	50	12	100	143.44
7632-50-16-100	50	16	100	143.44
7632-50-20-100	50	20	100	143.44
7632-50-25-110	50	25	110	143.44
7632-50-32-110	50	32	110	143.44

Long gauge lengths also available.

7656 A – KEYLESS DRILL CHUCK



BT keyless drill chuck.

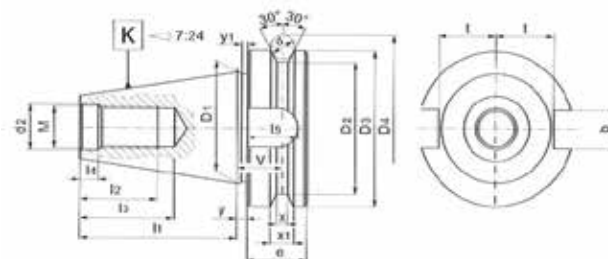
Code	Taper	Capacity mm	Gauge length mm	List Price £
7656-40-13-95	40	1-13	95	168.19
7656-40-16-100	40	3-16	100	179.41
7656-50-13-105	50	1-13	105	195.33
7656-50-16-110	50	3-16	110	208.41

2192 A – BLANK ADAPTER



BT machineable blank adapter.

Code	Taper	Ø mm	Length mm	List Price £
2192-40-40-280	40	40	280	74.23
2192-40-63-280	40	63	280	74.23
2192-50-50-330	50	50	330	135.05
2192-50-80-330	50	80	330	135.05



For all sizes and dimensions see main catalogue.

To view the full range of spindle tooling please refer to section 6 of the main catalogue visit www.bison-bial.com

DIN 2080

7616 – COLLET CHUCK

DIN 2080 ER collet chucks (DIN6499).



Code	Taper	ER collet	Gauge length mm	List Price £
7616-30-ER16-50	30	16	50	44.58
7616-30-ER32-50	30	32	50	44.58
7616-40-ER25-60	40	25	60	44.58
7616-40-ER32-60	40	32	60	44.58
7616-40-ER32-130	40	32	130	52.21
7616-40-ER40-60	40	40	60	46.76
7616-50-ER32-70	50	32	70	76.19
7616-50-ER32-130	50	32	130	91.45
7616-50-ER40-70	50	40	70	76.19
7616-50-ER40-130	50	40	130	91.45

7616 QC – ER QC COLLET CHUCK

DIN 2080 quick change collet chucks (DIN6499).



Code	Taper	ER collet	Gauge length mm	List Price £
7616-30-ER16-50 QC	30	16	50	58.86
7616-30-ER32-50 QC	30	32	50	61.91
7616-40-ER16-100 QC	40	16	100	72.27
7616-40-ER32-60 QC	40	32	60	74.45

7311 – SHELL MILL ADAPTER

DIN 2080 shell mill adapters for holding face mills.



Code	Taper	Spigot mm	Gauge length mm	List Price £
7311-30-16-35	30	16	35	43.27
7311-30-22-35	30	22	35	43.27
7311-30-27-35	30	27	35	45.13
7311-40-22-37	40	22	37	45.45
7311-40-27-37	40	27	37	46.76
7311-40-32-37	40	32	37	48.40
7311-50-22-40	50	22	40	64.20
7311-50-27-40	50	27	40	64.20
7311-50-32-40	50	32	40	68.45

7311 QC – QC SHELL MILL ADAPTER

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



Code	Taper	Spigot mm	Gauge length mm	List Price £
7311-30-16-45 QC	30	16	45	51.45
7311-30-22-45 QC	30	22	45	51.45
7311-30-27-45 QC	30	27	45	52.54
7311-40-22-50 QC	40	22	50	49.92
7311-40-27-50 QC	40	27	50	49.05
7311-40-32-50 QC	40	32	50	53.30

7620 – SIDE LOCK HOLDER

DIN 2080 side lock end mill holder.



Code	Taper	Bore mm	Gauge length mm	List Price £
7620-30-6-40	30	6	40	35.97
7620-30-10-40	30	10	40	35.97
7620-30-12-40	30	12	40	35.97
7620-30-16-50	30	16	50	35.97
7620-30-20-63	30	20	63	35.97
7620-40-6-50	40	6	50	38.15
7620-40-10-50	40	10	50	35.97
7620-40-12-50	40	12	50	35.97
7620-40-16-63	40	16	63	35.97
7620-40-20-63	40	20	63	35.97
7620-40-25-60	40	25	60	40.33
7620-50-6-63	50	6	63	54.39
7620-50-10-63	50	10	63	52.21
7620-50-12-63	50	12	63	52.21
7620-50-16-63	50	16	63	52.21
7620-50-20-63	50	20	63	57.44
7620-50-25-60	50	25	60	54.50
7620-50-32-70	50	32	70	63.11

7620 QC – QC SIDE LOCK HOLDER

DIN 2080 side lock end mill holder.



Code	Taper	Bore mm	Gauge length mm	List Price £
7620-30-6-50 QC	30	6	50	39.57
7620-30-10-50 QC	30	10	50	39.57
7620-30-12-50 QC	30	12	50	39.57
7620-30-16-63 QC	30	16	63	39.57
7620-30-20-63 QC	30	20	63	39.57
7620-40-6-50 QC	40	6	50	38.15
7620-40-10-50 QC	40	10	50	35.97
7620-40-12-50 QC	40	12	50	35.97
7620-40-16-63 QC	40	16	63	35.97
7620-40-20-63 QC	40	20	63	35.97
7620-40-25-85 QC	40	25	85	42.29

To view the full range of spindle tooling please refer to section 6 of the main catalogue 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	List Price £
1679-30-1-50	30	1	50	38.70
1679-30-2-50	30	2	50	38.70
1679-30-3-72	30	3	72	38.70
1679-40-1-50	40	1	50	46.76
1679-40-2-50	40	2	50	46.76
1679-40-3-65	40	3	65	46.76
1679-40-4-95	40	4	95	48.51
1679-50-1-45	50	1	45	69.32
1679-50-2-60	50	2	60	69.32
1679-50-3-65	50	3	65	69.32
1679-50-4-70	50	4	70	75.21
1679-50-5-105	50	5	105	82.73

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	List Price £
1679-30-1-50 QC	30	1	50	38.70
1679-30-2-50 QC	30	2	50	38.70
1679-30-3-72 QC	30	3	72	38.70
1679-40-1-50 QC	40	1	50	46.76
1679-40-2-50 QC	40	2	50	46.76
1679-40-3-65 QC	40	3	65	46.76
1679-40-4-95 QC	40	4	95	48.51

Long gauge lengths also available.

7657 – KEYLESS DRILL CHUCK



DIN 2080 keyless drill chuck.

Code	Taper	Capacity mm	Gauge length mm	List Price £
7657-40-13-88	40	1-13	88	168.19
7657-40-16-99	40	3-16	99	179.41
7657-50-13-85	50	1-13	85	195.33
7657-50-16-89	50	3-16	89	208.41

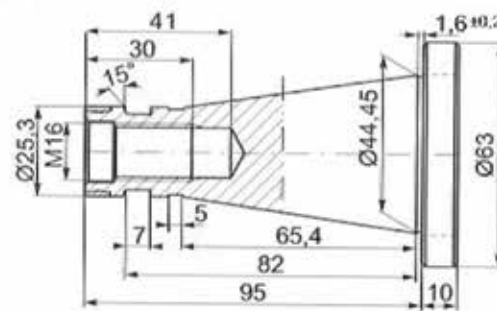
2190 – BLANK ADAPTER



DIN 2080 machineable blank adapter.

Code	Taper	Ø mm	Length mm	List Price £
2190-40-40-280	40	40	280	81.10
2190-40-63-280	40	63	280	81.10
2190-50-50-330	50	50	330	134.62
2190-50-80-330	50	80	330	134.62

Long milling arbors available on request.



For all sizes and dimensions see main catalogue.

To view the full range of spindle tooling please refer to section 6 of the main catalogue visit www.bison-bial.com

7618 – ER COLLETS



ER collets DIN 6499.

Code – ER size	ER	Gripping range mm	List Price £
7618	16	3-2	9.16
7618	16	4-3	9.16
7618	16	5-4	9.16
7618	16	6-5	9.16
7618	16	7-6	9.16
7618	16	8-7	9.16
7618	16	9-8	9.16
7618	16	10-9	9.16
7618	20	3-2	9.48
7618	20	4-3	9.48
7618	20	5-4	9.48
7618	20	6-5	9.48
7618	20	7-6	9.48
7618	20	8-7	9.48
7618	20	9-8	9.48
7618	20	10-9	9.48
7618	20	11-10	9.48
7618	20	12-11	9.48
7618	20	13-12	9.48
7618	25	3-2	9.81
7618	25	4-3	9.81
7618	25	5-4	9.81
7618	25	6-5	9.81
7618	25	7-6	9.81
7618	25	8-7	9.81
7618	25	9-8	9.81
7618	25	10-9	9.81
7618	25	11-10	9.81
7618	25	12-11	9.81
7618	25	13-12	9.81
7618	25	14-13	9.81
7618	25	15-14	9.81
7618	25	16-15	9.81
7618	32	3-2	10.57
7618	32	4-3	10.57
7618	32	5-4	10.57
7618	32	6-5	10.57
7618	32	7-6	10.57
7618	32	8-7	10.57
7618	32	9-8	10.57
7618	32	10-9	10.57
7618	32	11-10	10.57
7618	32	12-11	10.57
7618	32	13-12	10.57
7618	32	14-13	10.57
7618	32	15-14	10.57
7618	32	16-15	10.57
7618	32	17-16	10.57
7618	32	18-17	10.57
7618	32	19-18	10.57
7618	32	20-19	10.57
7618	40	3-2	13.08
7618	40	4-3	13.08
7618	40	5-4	13.08
7618	40	6-5	13.08
7618	40	7-6	13.08
7618	40	8-7	13.08
7618	40	9-8	13.08
7618	40	10-9	13.08
7618	40	11-10	13.08
7618	40	12-11	13.08
7618	40	13-12	13.08



ER collets DIN 6499 continued.

Code – ER size	ER	Gripping range mm	List Price £
7618	40	14-13	13.08
7618	40	15-14	13.08
7618	40	16-15	13.08
7618	40	17-16	13.08
7618	40	18-17	13.08
7618	40	19-18	13.08
7618	40	20-19	13.08
7618	40	21-20	13.08
7618	40	22-21	13.08
7618	40	23-22	13.08
7618	40	24-23	13.08
7618	40	25-24	13.08
7618	40	26-25	13.08

7812 – ER COLLET CHUCK

Straight shank ER collect chuck DIN 6499.



Code	Shank ø mm	Length mm	ER	List Price £
7812-16-ER16-160	16	160	16	40.88
7812-20-ER16-100	20	100	16	41.09
7812-20-ER16-160	20	160	16	41.09

7815 –ER COLLET CHUCK

Straight shank ER collet chuck DIN 6499.



Code	Shank ø mm	Length mm	ER	List Price £
7815-32-ER32-110	32	110	32	40.33
7815-40-ER32-117	40	117	32	43.27

7618-KPL – ER COLLET CHUCK SETS

ER collet sets DIN 6499.



Code	ER	Range mm	No. in set	List Price £
7618-KPL-ER16	16	2-10	8	86.66
7618-KPL-ER20	20	2-13	11	116.96
7618-KPL-ER25	25	2-16	14	149.88
7618-KPL-ER32	32	2-20	18	201.98
7618-KPL-ER40	40	2-26	24	325.91

3911 – 5C COLLET CHUCK



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

Code	Size mm	Collet	List Price £
3911-125-5C	125	5C	362.43

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	List Price £
8240-125-3-X	125	D1-3	P.O.A
8240-125-4-X	125	D1-4	142.57
8240-125-5-XS	125	D1-5	P.O.A
8240-125-6-X	125	D1-6	P.O.A

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	List Price £
3960-125-5C	125	5C	503.69

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	List Price £
8245-125-3	125	D1-3	P.O.A
8245-125-4	125	D1-4	194.57
8245-125-5	125	D1-5	194.57
8245-125-6	125	D1-6	194.57

Adapters for A and C mount also available.

3000 – 5C COLLETS

5C (385E) collets.



Code	Size mm	List Price £
3000-3000-5C-3	3	£14.17
3000-3000-5C-4	4	£14.17
3000-3000-5C-5	5	£14.17
3000-3000-5C-6	6	£14.17
3000-3000-5C-7	7	£14.17
3000-3000-5C-8	8	£14.17
3000-3000-5C-9	9	£14.17
3000-3000-5C-10	10	£14.17
3000-3000-5C-11	11	£14.17
3000-3000-5C-12	12	£14.17
3000-3000-5C-13	13	£14.17
3000-3000-5C-14	14	£14.17
3000-3000-5C-15	15	£14.17
3000-3000-5C-16	16	£14.17
3000-3000-5C-17	17	£14.17
3000-3000-5C-18	18	£14.17
3000-3000-5C-19	19	£14.17
3000-3000-5C-20	20	£14.17
3000-3000-5C-21	21	£14.17
3000-3000-5C-22	22	£14.17
3000-3000-5C-23	23	£14.17
3000-3000-5C-24	24	£14.17
3000-3000-5C-25	25	£14.17

3000 – 5C COLLET SETS

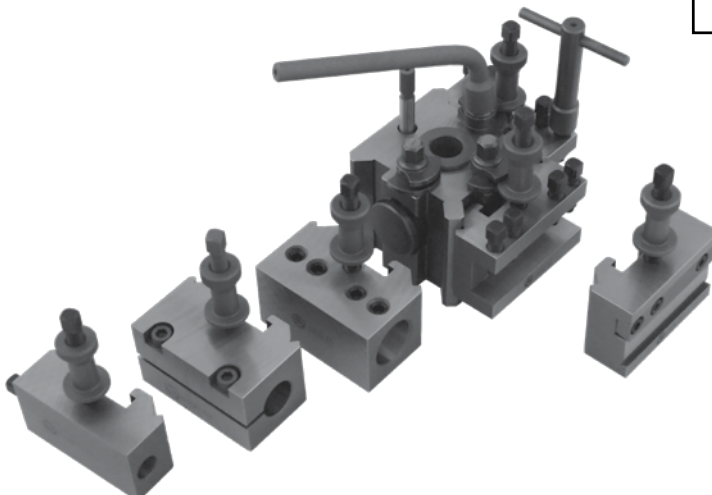
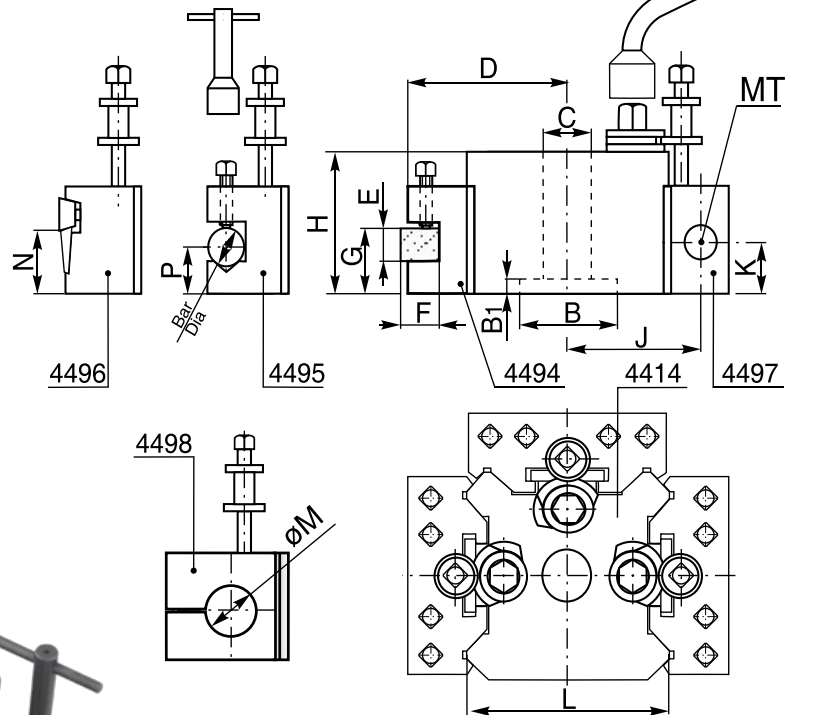
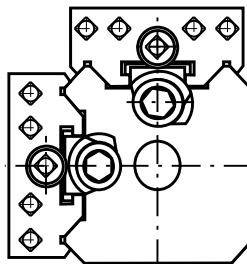
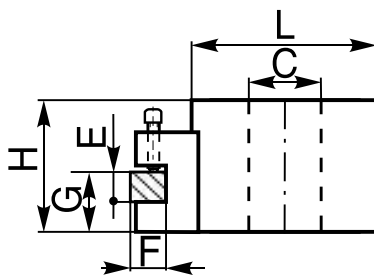
5C (385E) collets.



Code	Size mm	Collets in Set	List Price £
3000-3000-5C.26 KP	3-26	24	£350.65
3000-3000-5C.25 KP	3-25	45	£663.48

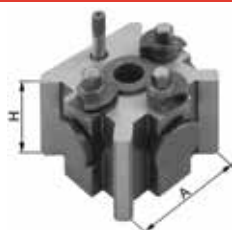
SPARES FOR TOOLPOSTS AND HOLDERS

Code	Description	List Price £
KL 4414-62 HEX L U-6866/0	T.0, T.1, T.1X Hex Wrench	13.70
KL 4414-82 HEX L U-6178/0	T.2, T.2T Hex Wrench	15.94
KL4414-100 HEX L U-6874/0	T.3, T.3HX Hex Wrench	19.31
KL 4414-62X51	T.0, T.1, T.1X T-Wrench	18.19
KL 4414-82X71	T.2, T.2T T-Wrench	19.31
KL4414-100X108	T.3, T.3HX T-Wrench	20.55
U-6860/0	T.0, T.1, T.1X Clamp Bolt	29.53
U-6175/0	T.2 Clamp Bolt	34.24
U-5757/0	T.2T Clamp Bolt	37.61
U-6868/0	T.3, T.3HX Clamp Bolt	37.61
U-6859/0	T.0, T.1, T.1X Clamp Pad	12.46
U-6174/0	T.2 Clamp Pad	7.52
U-5756/0	T.2T Clamp Pad	14.82
U-6867/0	T.3, T.3HX Clamp Pad	11.90
U-6876/0	T.0, T.1, T.1X Stop	13.70
U-5762/0	T.2, T.2T Stop	13.70
U-6880/0	T.3, T.3HX Stop	15.94
U-6877/0	T.0, T.1, T.1X Toolholder Sq-Head Screws	7.31
U-7386/0	T.2, T.2T Toolholder Sq-Head Screws	3.31
U-6881/0	T.3, T.3HX Toolholder Sq-Head Screws	5.16



For full dimensions of toolposts refer to main catalogue.

4414 – QUICK CHANGE TOOLPOST



Quick change tool posts for lathes interchangeable with Dickson.

Code	Type	Size mm	List Price £
800000651	T00M	48 x 37	139.89
800000652	T00B	48 x 42	150.78
800000653	T0	62 x 51	167.96
800000654	T1	62 x 63	206.69
800000655	T1X	62 x 73	212.08
800000656	T2	82 x 71	267.99
800000657	T2T	82 x 76	273.38
800000658	T3	100 x 92	341.19
800000659	T3HX	100 x 108	374.64

4494 – STANDARD TOOLHOLDERS



Code	Size	To fit toolpost	List Price £
800000660	48	T00M, T00B	33.90
800000663	62N	T0	51.64
800000662	62	T1, T1X	61.30
800000665	82N	T2	72.19
800000664	82	T2T	72.19
800000666	100	T3, T3HX	93.63

4495 – VEE TYPE TOOLHOLDERS



Code	Size	To fit toolpost	List Price £
800000667	48	T00M, T00B	34.99
800000670	62N	T0	54.90
800000669	62	T1, T1X	63.43
800000672	82N	T2	73.20
800000671	82	T2T	74.32
800000673	100	T3, T3HX	105.42

4496 – PART OFF TOOLHOLDERS



Code	Size	To fit toolpost	List Price £
800000674	48	T00M, T00B	60.29
800000676	62	T0, T1, T1X	77.47
800000677	82	T2, T2T	96.89
800000678	100	T3, T3HX	130.23

4497 – MORSE TAPER HOLDERS



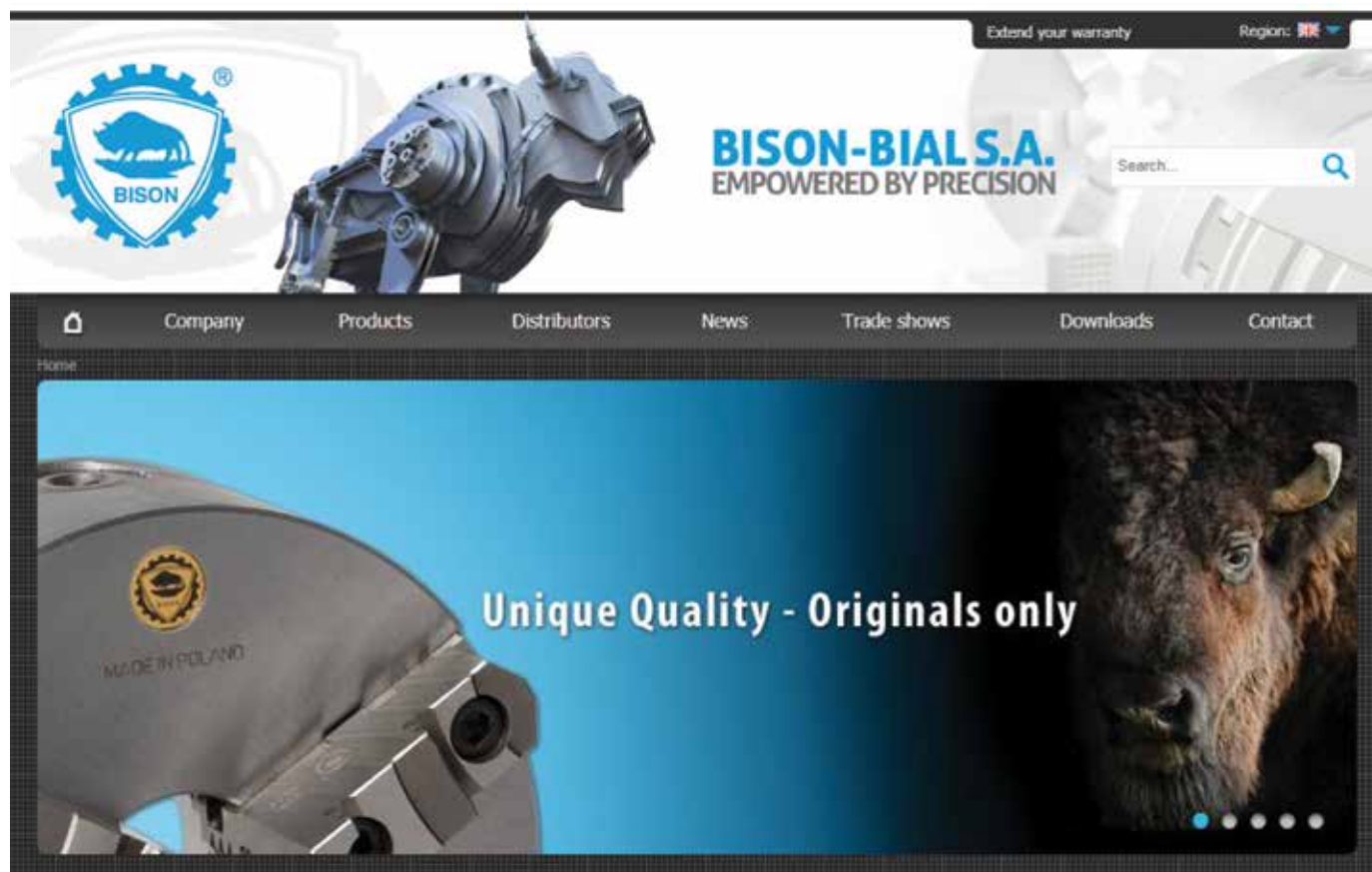
Code	Size	To fit toolpost	MT	List Price £
800000680	62/1N	T0	1	72.19
800000679	62/1	T1, T1X	1	82.86
800000681	62/2	T1, T1X	2	74.32
800000682	82/2	T2, T2T	2	94.64
800000683	100/3	T3, T3HX	3	121.59

4499 – BORING BAR TOOLHOLDERS



Code	Size	To fit toolpost	Bore mm	List Price £
800000688	62	T0, T1, T1X	25	80.72
800000689	82	T2, T2T	32	90.38
800000690	100	T3, T3HX	40	130.23

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