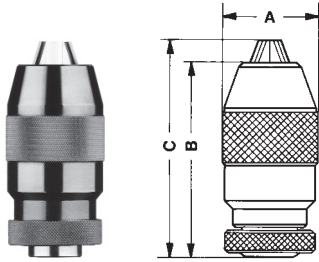
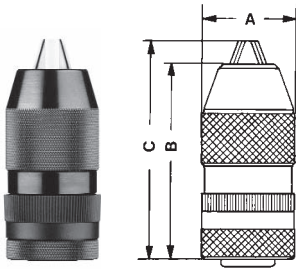


Validus keyless chucks, industrial line, self-tightening style for power tools, pedestal and bench drilling machines rotary right hand rotation only



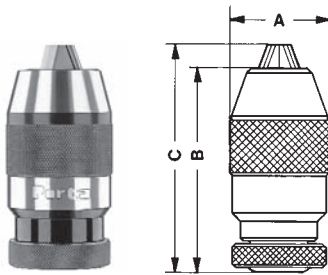
Model No.	Drilling capacity mm	Mount	A mm	B mm	C mm	Packaging style	Weight g
32B10	0-6	DIN B10	34,5	65	72	Individual box	365
32B12		DIN B12					
32J1		JACOBS 1					
32F38		Female thr. 3/8" x 24					
32F12		Female thr. 1/2" x 20					
34B10	0-8	DIN B10	34,5	65	72	Individual box	365
34B12		DIN B12					
34J2		JACOBS 2					
34J1		JACOBS 1					
34F38		Female thr. 3/8" x 24					
34F12		Female thr. 1/2" x 20					
35B12	1-10	DIN B12	34,5	72	79	Individual box	365
35J2		JACOBS 2				Individual box	
35F38		Female thr. 3/8" x 24				Individual box	
35F38B		Female thr. 3/8" x 24				Blister card	
35F12		Female thr. 1/2" x 20				Individual box	
35F12B		Female thr. 1/2" x 20				Blister card	
36B16	0-10	DIN B16	44	83	93	Individual box	650
36J2		JACOBS 2					
36J33		JACOBS 33					
375B16	1.5-13	DIN B16	40,5	85	93	Individual box	540
375F38		Female thr. 3/8" x 24				Individual box	
375F38B		Female thr. 3/8" x 24				Blister card	
375F12		Female thr. 1/2" x 20				Individual box	
375F12B		Female thr. 1/2" x 20				Blister card	
37B12	1-13	DIN B12	42,5	90	101	Individual box	660
37B16		DIN B16					
37J6		JACOBS 6					
37J2		JACOBS 2					
37J33		JACOBS 33					
37F38		Female thr. 3/8" x 24					
37F12		Female thr. 1/2" x 20					
38B16	0-13	DIN B16	51	92,5	104	Individual box	1010
38J6		JACOBS 6					
40B16	3-16	DIN B16	50,5	98	110	Individual box	1060
40B18		DIN B18					
40J6		JACOBS 6					
40J3		JACOBS 3					
40F12		Female thr. 1/2" x 20					
40F58		Female thr. 5/8" x 16					
50B22	5-20	B22	57	116	129	Individual box	1525
50J3		JACOBS 3					

Validus-PK keyless chucks, **industrial line, self tightening style** with a locking action ring suitable for **percussion power tools, right hand rotation only**



Model No.	Drilling capacity mm	Mount	A mm	B mm	C mm	Packaging style	Weight g
35PKF38	1-10	Female thr. 3/8" x 24	35.5	79.5	88	Individual box	420
35PKF12		Female thr. 1/2" x 20					410
37PKF38	1-13	Female thr. 3/8" x 24	43	86	100	Individual box	690
37PKF12		Female thr. 1/2" x 20					680
40PKF12	1-16	Female thr. 1/2" x 20	51	92.5	105	Individual box	900

Super-Validus keyless chucks, **high accuracy industrial line**, for machine tools and production drilling machines, **self tightening style**

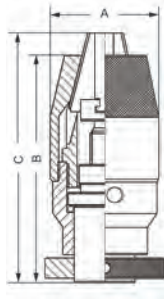


Model No.	Drilling capacity mm	Mount	A mm	B mm	C mm	Packaging style	Weight g
S24J1	0-3	JACOBS 1	24	45	49	Individual box	110
S32B10	0-6	DIN B10	36	65	73	Individual box	380
S32B12		DIN B12					
S32J1		JACOBS 1					
S34B12	0-8	DIN B12	36	65	73	Individual box	380
S34J2		JACOBS 2					
S36B16	0-10	DIN B16	45	81	93	Individual box	740
S36J2		JACOBS 2					
S36J33		JACOBS 33					
S38B16	0-13	DIN B16	51.5	93	105	Individual box	1070
S38J33		JACOBS 33					
S38J6		JACOBS 6					
S40B16	3-16	DIN B16	57.5	96	110	Individual box	1420
S40B18		DIN B18					
S40J6		JACOBS 6					

High precision self-tightening keyless chuck with **standard** jaws Maximum run-out 0.04mm

All components are heat treated and ground

Extremely accurate and precise chucks suitable for CNC machines and machine centres



Model No.	Drilling capacity mm	Mount	A mm	B mm	C mm	Packaging style	Weight g		
PP06B10	0.3-6.5	B10	33.4	62.4	68.7	Individual box	298		
PP06J1		JT1							
PP08B12	0.3-8	B12	37.6	68.4	71.2	Individual box	414		
PP08J1		JT1							
PP08J2		JT2							
PP10B12	0.3-10	B12	42.8	80	91.5	Individual box	637		
PP10B16		B16					650		
PP10J2		JT2							
PP10J33		JT33							
PP13J2	0.3-13	JT2	50.4	91.2	104	Individual box	1003		
PP13J33		JT33					994		
PP13J6		JT6							
PP13B16		B16							
PP16J6	3-16	JT6	56.7	95.5	108.9	Individual box	1298		
PP16J3		JT3		101.6	104.3		1292		
PP16J33		JT33		95.6	108.7		1292		
PP16B16		B16					1305		
PP16B18		B18					103	106.2	1319

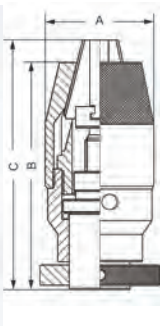
High precision self-tightening keyless chuck with **titanium** jaws Maximum run-out 0.04mm

All components are heat treated and ground

Extremely accurate and precise chucks suitable for CNC machines and machine centres

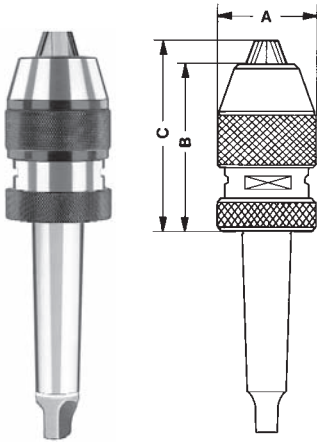
Supplied with spanner wrench to allow the application of supplementary gripping torque

The high tech titanium increases the grip and wear resistance of the jaw



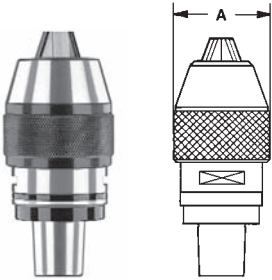
Model No.	Drilling capacity mm	Mount	A mm	B mm	C mm	Packaging style	Weight g		
PPT06B10	0.3-6.5	B10	33.4	62.4	68.7	Individual box	298		
PPT06J1		JT1							
PPT08B12	0.3-8	B12	37.6	68.4	71.2	Individual box	414		
PPT08J1		JT1					500		
PPT08J2		JT2							
PPT10B12	0.3-10	B12	42.8	80	91.5	Individual box	637		
PPT10B16		B16					617		
PPT10J2		JT2							
PPT10J33		JT33							
PPT13J2	0.3-13	JT2	50.4	91.2	104	Individual box	1003		
PPT13J33		JT33					994		
PPT13J6		JT6							
PPT13B16		B16							
PPT16J6	3-16	JT6	56.7	95.5	108.9	Individual box	1298		
PPT16J3		JT3		101.6	104.3		1292		
PPT16J33		JT33		95.6	108.7		1292		
PPT16B16		B16					1305		
PPT16B18		B18					103	106.2	1319

Porta precision grade keyless chucks for CNC machine tools and machining centres with **integral shank**



Model No.	Drilling capacity mm	Mount	A mm	B mm	C mm	Packaging style	Weight g
MT08MT2	0-8	2 Morse taper	37	67	74	Individual box	770
MT10MT2	0-10		41	81	89		990
MT13MT2	1-13	2 Morse taper	50,5	88	99		1200
MT13MT3		3 Morse taper					1360
MT13MT4		4 Morse taper					1628
MT13R8		R8 Bridgeport					1435
MT16MT2	3-16	2 Morse taper	56	95	108		1580
MT16MT3		3 Morse taper					1690
MT16MT4		4 Morse taper					1980
MT16R8		R8 Bridgeport					1650

Porta precision grade spare chucks for integral shank keyless chucks

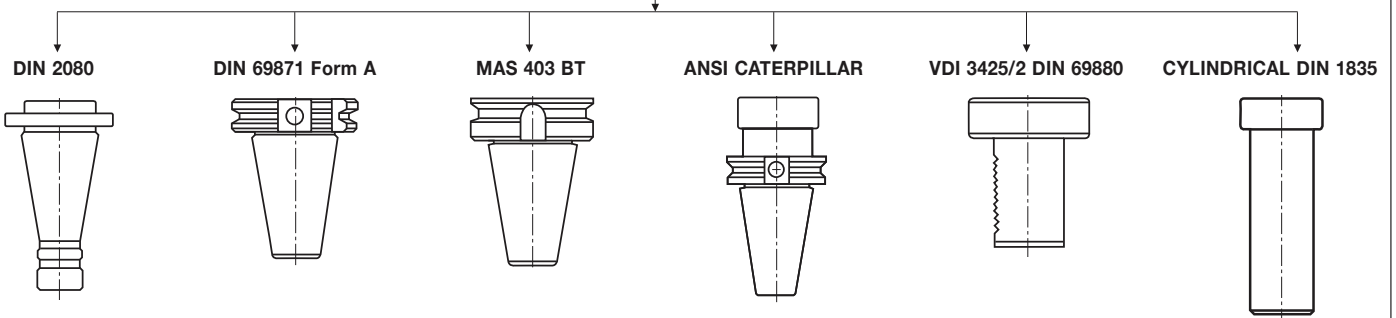
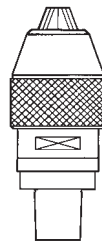


Model No.	Drilling capacity mm	Taper size	A mm	Packaging style	Weight g
MP08A	0-8	DIN B18	37	Individual box	365
MP10A	0-10		41		560
MP13A	1-13	3 Morse taper	46		785
* MP16A40	3-16		55		1100
** MP16A50	3-16		1095		

* for ISO 40 taper
** for ISO 50 taper

Way of applications

Model	Model
	MP08A
	MP10A
	MP13A
	MP16A40
	MP16A50

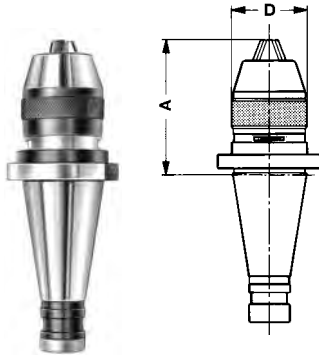


Spanner wrench for keyless chucks with integral shank

Model No.	Chuck capacity range mm
KMP08	0-8
KMP13	1-13
KMP16	3-16

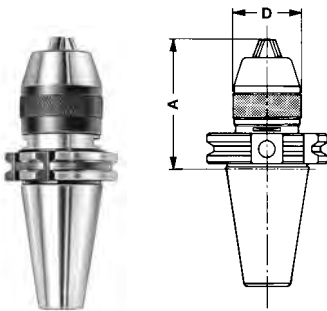
Porta **precision grade** keyless chucks with **integral shank** for CNC machine tools and machining centres supplied with milled wrench flats and spanner wrench to allow the application of supplementary gripping torque

DIN 2080



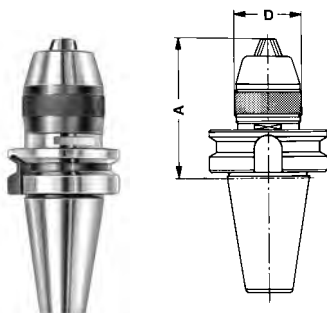
Model No.	Drilling capacity mm	Iso taper size	Drawbolt thread	D mm	A mm min	A mm max	Packaging style	Weight g
MP0840D20	0-8	40	M16	36.50	57	64	Individual box	1005
MP1340D20	1-13	40	M16	48.50	78	90	Individual box	1395
MP1350D20		50	M24		75	87		3155
MP1640D20	3-16	40	M16	54.50	90	102	Individual box	1730
MP1650D20		50	M24		72	84		3295

DIN 69871 Form A

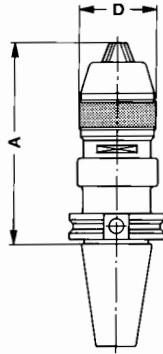


Model No.	Drilling capacity mm	Iso taper size	Drawbolt thread	D mm	A mm min	A mm max	Packaging style	Weight g
MP0840D69A	0-8	40	M16	36.50	64	71	Individual box	1005
MP1340D69A	1-13	40	M16	48.50	80	92	Individual box	1380
MP1350D69A		50	M24		78	90		3170
MP1640D69A	3-16	40	M16	54.50	97	106	Individual box	1780
MP1650D69A		50	M24		76	88		3305

MAS 403 BT

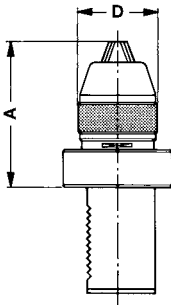


Model No.	Drilling capacity mm	Iso taper size	Drawbolt thread	D mm	A mm min	A mm max	Packaging style	Weight g
MP0830MBT	0-8	30	M12	36.50	77	84	Individual box	695
MP0840MBT		40	M16		72	79		1200
MP1340MBT	1-13	40	M16	48.50	86	98	Individual box	1535
MP1350MBT		50	M24		97	109		4135
MP1640MBT	3-16	40	M16	54.50	105	117	Individual box	1935
MP1650MBT		50	M24		95	107		4275



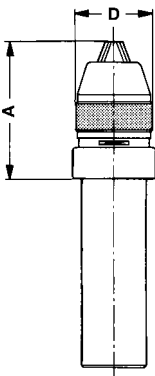
ANSI CAT

Model No.	Drilling capacity mm	Iso taper size	Drawbolt thread	D mm	A mm min	A mm max	Packaging style	Weight g
MP0840CAT	0-8	40	M16	36.50	82	89	Individual box	1255
MP1340CAT	1-13	40	M16	48.50	115	127	Individual box	1840
MP1350CAT		50	M24		96	108		3650
MP1640CAT	3-16	40	M16	54.50	120	132	Individual box	2230
MP1650CAT		50	M24		94	106		3825



VDI 3425/2 DIN 69880

Model No.	Drilling capacity mm	Mount size	D mm	A mm min	A mm max	Packaging style	Weight g
MP1330VDI	1-13	NG16 X Ø30	48,50	108	120	Individual box	1715
MP1340VDI		NG20 X Ø40		81	93		1825
MP1640VDI	3-16	NG20 X Ø40	54,50	93	105	Individual box	2260
MP1650VDI		NG25 X Ø50		87	99		3150



CYLINDRICAL DIN 1835

Model No.	Drilling capacity mm	Shank diameter mm	D mm	A mm min	A mm max	Packaging style	Weight g
MP0825CYL	0-8	25	36.50	65	72	Individual box	690
MP1332CYL	1-13	32	48.50	79	91	Individual box	1400
MP1340CYL		40					1890
MP1640CYL	3-16	40	54.50	83	95	Individual box	2225