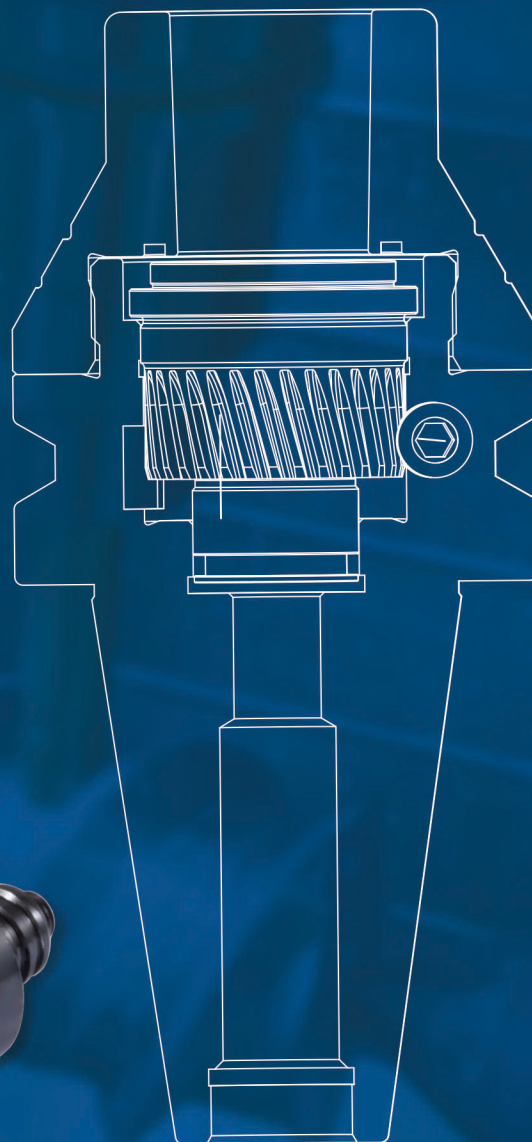




HPC SUPER POWER MILLING CHUCKS



HIGHER SPEED

MORE SAFETY

LONGER TOOL LIFE



- The 1:16 worm gear torque transmission provides extremely high clamping force for heavy-duty machining (milling, drilling, reaming, and tapping), especially when cutting hard-to-machine materials.
- High accuracy and precise concentricity (T.I.R. < 3 μ m at 2.5xD) ensure that cutters are subjected to uniform wear, resulting in longer tool life.
- Extremely high feed rates deliver unmatched metal removal rates, ultimate efficiency, and cost-effectiveness.
- Exceptional rigidity and a unique anti-vibration design ensure superior surface quality.
- Ultra Safe: The pin-lock collet mechanism ensures zero tool drop-off, avoiding any damage to the workpiece.
- Easy tool change with a 10 Nm torque wrench.

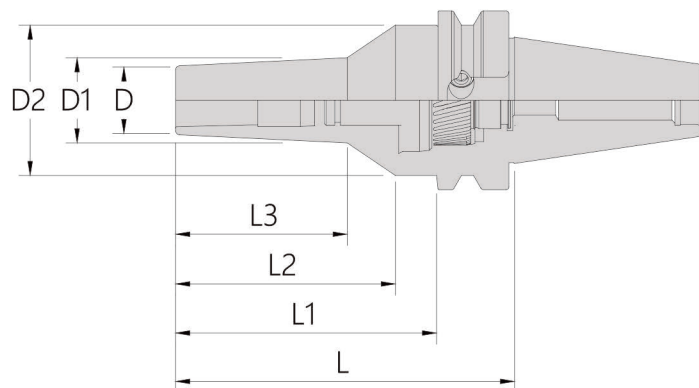
10 Nm Torque Wrench, Hex Head

- 1/4" hex drive H4 bit
- Strongly recommend using a torque wrench to tighten or loosen the tool holder.



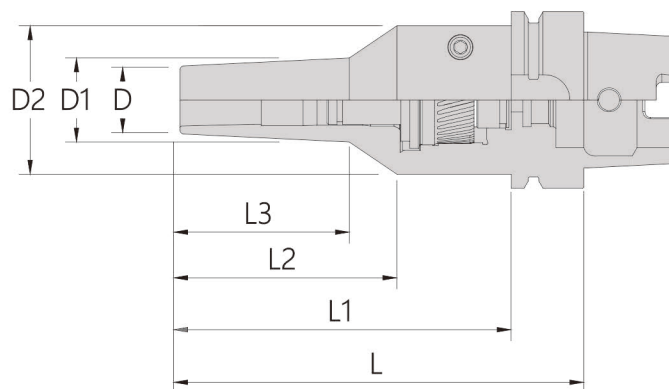
Order No. 100-20-002

BT (JIS6339) SERIES



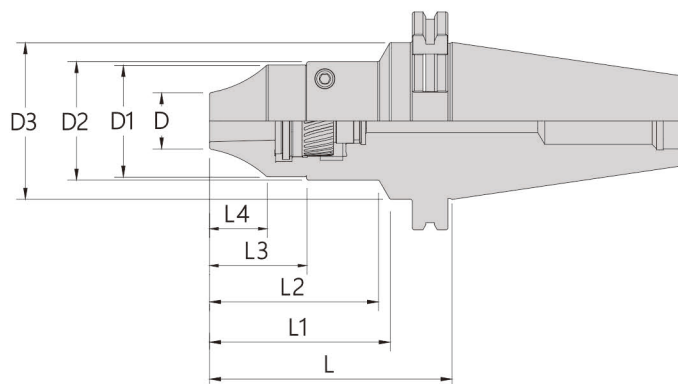
Order NO.	Model	Shank	Capacity (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	D (mm)	D1 (mm)	D2 (mm)	G2.5 RPM	HEX KEY (mm)	FOR Collet
122-20-305	BT30-HPC14-080	BT30-AD	4-14	82	56	28	11	30	30	50	20000	4	HPC14
122-20-310	BT30-HPC14-110	BT30-AD	4-14	110	84	56	43	30	34	53	20000	4	HPC14
122-20-315	BT30-HPC14-130	BT30-AD	4-14	131	105	78	61	24	30	53	20000	4	HPC14
122-20-320	BT30-HPC20-080	BT30-AD	4-20	82	56	30	19	40	40	53	20000	4	HPC20
122-20-325	BT30-HPC20-110	BT30-AD	4-20	110	84	54	44	35	40	53	20000	4	HPC20
122-20-405	BT40-HPC14-070	BT40-AD	4-14	70	43	43	11	30	30	50	20000	4	HPC14
122-20-410	BT40-HPC14-098	BT40-AD	4-14	98	71	71	42	30	34	53	20000	4	HPC14
122-20-415	BT40-HPC14-120	BT40-AD	4-14	120	93	93	61	24	30	53	20000	4	HPC14
122-20-420	BT40-HPC20-070	BT40-AD	4-20	70	38	38	18	40	40	63	20000	4	HPC20
122-20-425	BT40-HPC20-098	BT40-AD	4-20	98	71	71	44	35	40	53	20000	4	HPC20
122-20-430	BT40-HPC20-120	BT40-AD	4-20	120	89	89	68	40	40	63	20000	4	HPC20
122-20-435	BT40-HPC30-110	BT40-AD	16-32	110	/	/	14	53	63	63	20000	4	HPC32
122-20-505	BT50-HPC14-109	BT50-AD	4-14	109	71	56	42	30	34	53	20000	4	HPC14
122-20-510	BT50-HPC20-081	BT50-AD	4-20	81	43	43	18	40	40	63	20000	4	HPC20
122-20-515	BT50-HPC20-109	BT50-AD	4-20	109	71	71	44	35	40	53	20000	4	HPC20
122-20-520	BT50-HPC20-130	BT50-AD	4-20	128	91	/	73	34	55	70	20000	4	HPC20
122-20-525	BT50-HPC32-121	BT50-AD	16-32	121	83	/	12	60	60	70	20000	4	HPC32
122-20-530	BT50-HPC32-150	BT50-AD	16-32	145	108	/	14	60	60	70	20000	4	HPC32

HSK (DIN69893) SERIES



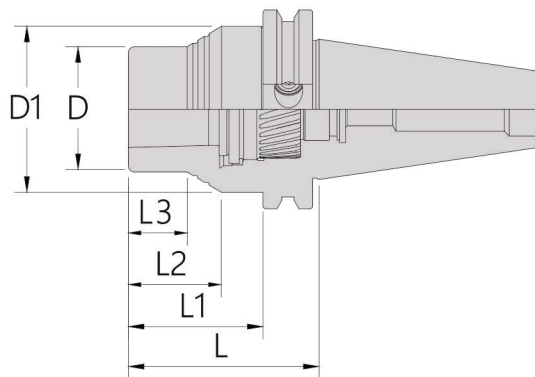
Order NO.	Model	Shank	Capacity (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	D (mm)	D1 (mm)	D2 (mm)	G2.5 RPM	HEX KEY (mm)	FOR Collet
111-20-405	HSK63A-HPC14-095	HSK63A	4-14	95	70	43	28	30	50	53	20000	4	HPC14
111-20-410	HSK63A-HPC14-123	HSK63A	4-14	123	97	56	42	30	34	53	20000	4	HPC14
111-20-415	HSK63A-HPC14-150	HSK63A	4-14	145	119	77	60	24	30	53	20000	4	HPC14
111-20-420	HSK63A-HPC20-095	HSK63A	4-20	95	69	30	19	40	40	53	20000	4	HPC20
111-20-425	HSK63A-HPC20-123	HSK63A	4-20	123	97	54	54	35	40	53	20000	4	HPC20
111-20-605	HSK100A-HPC14-129	HSK100A	4-14	129	71	46	42	30	34	53	20000	4	HPC14
111-20-610	HSK100A-HPC20-100	HSK100A	4-20	100	72	43	18	40	63	70	20000	4	HPC20
111-20-615	HSK100A-HPC20-129	HSK100A	4-20	129	71	54	44	35	40	53	20000	4	HPC20
111-20-620	HSK100A-HPC32-140	HSK100A	16-32	140	111	/	14	60	60	70	20000	4	HPC32

SK (DIN69871) SERIES



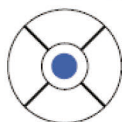
Order NO.	Model	Shank	Capacity (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	D (mm)	D1 (mm)	D2 (mm)	G2.5 RPM	HEX KEY (mm)	FOR Collet
132-20-405	SK40-HPC20-060	SK40-AD	4-20	61	43	30	19	40	53	/	20000	4	HPC20
132-20-505	SK50-HPC14-110	SK50-AD	4-14	108	81	76	43	25	50	53	20000	4	HPC14
132-20-510	SK50-HPC20-110	SK50-AD	4-20	108	81	76	43	29	50	53	20000	4	HPC20
132-20-515	SK50-HPC32-100	SK50-AD	16-32	100	14	/	/	60	70	/	20000	4	HPC32

CAT (ANSI B5.50) SERIES

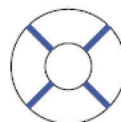


Order NO.	Model	Shank	Capacity (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	D (mm)	D1 (mm)	G2.5 RPM	HEX KEY (mm)	FOR Collet
152-20-405	CAT40-HPC20-060	CAT40-AD	4-20	61	43	30	19	40	53	20000	4	HPC20

HPC Collet



Center Coolant



Peripheral Coolant

- Made of German alloy steel with excellent strength and ductility.
- With a length stop screw to adjust clamping depth.
- Suitable for h6 shank tolerance



- Collets with Pin-Lock are available as an option for clamping tools with Weldon shanks.

CLAMPING LENGTH

mm

Model	Size	Minimum clamping length	Maximum clamping length
HPC14	4	17	66
	6	22	66
	8-10	30	50
	12-14	38	50
HPC20	4	17	66
	6	22	48.5
	8-10	30	48.5
	12-20	38	48.5
HPC32	16-32	47	60

HPC14 COLLET WITH CENTER COOLANT

Metric Size (mm)	Order No.
	Without Pin
4	100-20-A04
6	100-20-A06
8	100-20-A08
10	100-20-A10
12	100-20-A12
14	100-20-A14

Imperial Size (Inch)	Order No.
	Without Pin
3/16"	100-20-P05
1/4"	100-20-P10
5/16"	100-20-P15
3/8"	100-20-P20
7/16"	100-20-P25
1/2"	100-20-P30
9/16"	100-20-P35

HPC14 COLLET WITH PERIPHERAL COOLANT

Metric Size (mm)	Order No.
	Without Pin
4	100-20-C04
6	100-20-C06
8	100-20-C08
10	100-20-C10
12	100-20-C12
14	100-20-C14

Imperial Size (Inch)	Order No.
	Without Pin
3/16"	100-20-R05
1/4"	100-20-R10
5/16"	100-20-R15
3/8"	100-20-R20
7/16"	100-20-R25
1/2"	100-20-R30
9/16"	100-20-R35

HPC20 COLLET WITH CENTER COOLANT

Metric Size (mm)	Order No.	
	Without Pin	With Pin
4	100-20-E04	/
6	100-20-E06	100-20-F06
8	100-20-E08	100-20-F08
10	100-20-E10	100-20-F10
12	100-20-E12	100-20-F12
14	100-20-E14	100-20-F14
16	100-20-E16	100-20-F16
18	100-20-E18	/
20	100-20-E20	/

Imperial Size (Inch)	Order No.	
	Without Pin	With Pin
3/16"	100-20-T05	/
1/4"	100-20-T10	100-20-U10
5/16"	100-20-T15	100-20-U15
3/8"	100-20-T20	100-20-U20
7/16"	100-20-T25	100-20-U25
1/2"	100-20-T30	100-20-U30
9/16"	100-20-T35	100-20-U35
5/8"	100-20-T40	100-20-U40
11/16"	100-20-T45	/
3/4"	100-20-T50	/

HPC20 COLLET WITH PERIPHERAL COOLANT

Metric Size (mm)	Order No.	
	Without Pin	With Pin
4	100-20-G04	/
6	100-20-G06	100-20-H06
8	100-20-G08	100-20-H08
10	100-20-G10	100-20-H10
12	100-20-G12	100-20-H12
14	100-20-G14	100-20-H14
16	100-20-G16	100-20-H16
18	100-20-G18	/
20	100-20-G20	/

Imperial Size (Inch)	Order No.	
	Without Pin	With Pin
3/16"	100-20-V05	/
1/4"	100-20-V10	100-20-W10
5/16"	100-20-V15	100-20-W15
3/8"	100-20-V20	100-20-W20
7/16"	100-20-V25	100-20-W25
1/2"	100-20-V30	100-20-W30
9/16"	100-20-V35	100-20-W35
5/8"	100-20-V40	100-20-W40
11/16"	100-20-V45	/
3/4"	100-20-V50	/

HPC32 COLLET WITH CENTER COOLANT

Metric Size (mm)	Order No.	
	Without Pin	With Pin
20	100-20-K20	100-20-L20
24	100-20-K24	100-20-L24
25	100-20-K25	100-20-L25
30	100-20-K30	/
32	100-20-K32	/

Imperial Size (Inch)	Order No.	
	Without Pin	With Pin
3/4"	100-20-X50	100-20-Y50
7/8"	100-20-X55	100-20-Y55
1"	100-20-X60	100-20-Y60
1-1/4"	100-20-X65	/

HPC32 COLLET WITH PERIPHERAL COOLANT

Metric Size (mm)	Order No.	
	Without Pin	With Pin
16	100-20-M16	100-20-N16
20	100-20-M20	100-20-N20
24	100-20-M24	100-20-N24
25	100-20-M25	100-20-N25
30	100-20-M30	/
32	100-20-M32	/

Imperial Size (Inch)	Order No.	
	Without Pin	With Pin
5/8"	100-20-J40	100-20-Z40
11/16"	100-20-J45	100-20-Z45
3/4"	100-20-J50	100-20-Z50
7/8"	100-20-J55	100-20-Z55
1"	100-20-J60	100-20-Z60
1-1/4"	100-20-J65	/

*Other sizes on enquiry.

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