

# IDK/IDV SERIES

THE  
BEST.

## 4 Jaw Independent Manual Chuck with Chip Cover



Designed for Vertical Lathes, the IDK/IDV Series are 4 Jaw Independent Manual Chucks with a chip cover which helps keep debris and chips out of the operating mechanisms.

- Recessed master jaws allow using the face of the chuck as the locator
- Provides more support for thin walled parts
- Chuck size: 18"– 71" (450 –1800 mm)



VTL

MANUAL

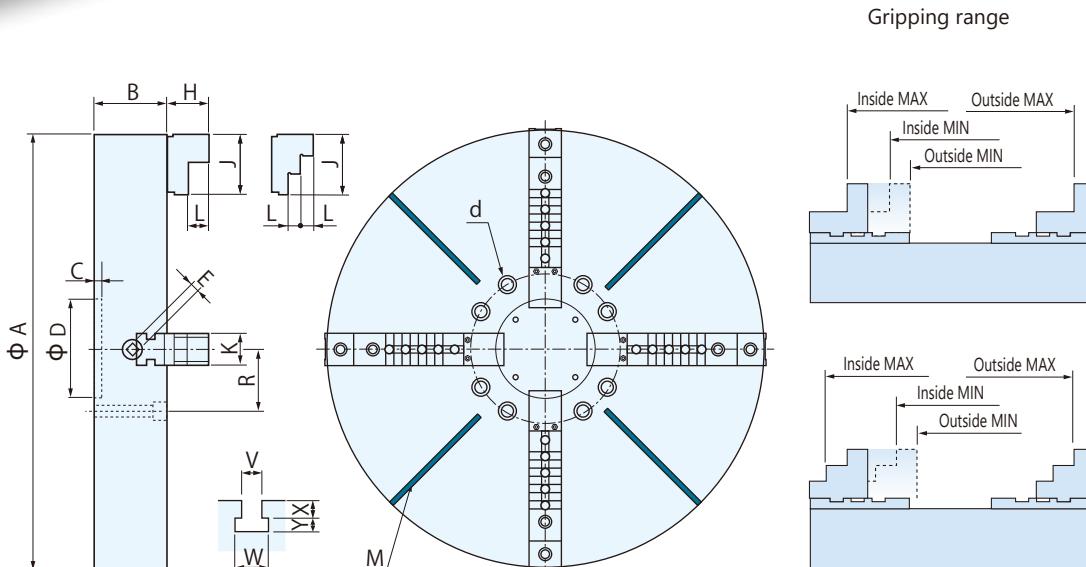
CHUCKS

CHIP COVER

# IDK/IDV SERIES TECHNICAL SPECIFICATIONS

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4 Jaw Independent  
Manual Chuck  
with  
Chip Cover



Model	A	B	C	Dh7	E	H	J	K	L	Jaw type	M	R	d	V	W	X	Y
IDV450ST	450	105	21	200	14	75	135	45	17.5	3-Step	8-M12	117.5	4-M20	-	-	-	-
IDV500ST	500	110	21	200	14	75	135	45	17.5	3-Step	8-M16	117.5	4-M20	-	-	-	-
IDV600ST	600	120	21	200	15	83	135	49	40	2-Step	12-M16	117.5	8-M20	-	-	-	-
IDK700ST	700	130	21	200	16	75	135	60	17.5	3-Step	T-Slot	117.5	8-M20	20	34	20	13.5
IDK800ST	800	160	20	200	19	92	140	69	46	2-Step	T-Slot	165.1	8-M24	24	42	24	18
IDK915ST	915	160	20	200	19	92	140	69	46	2-Step	T-Slot	165.1	8-M24	24	42	24	18
IDK1000ST	1000	160	20	200	19	92	140	69	46	2-Step	T-Slot	165.1	8-M24	24	42	24	18
IDK1200ST	1200	200	25	200	19	100	170	79	50	2-Step	T-Slot	165.1	8-M24	28	48	28	20
IDK1400ST	1400	200	25	280	26(Hex.)	100	170	79	50	2-Step	T-Slot	165.1	8-M24	28	48	28	20
IDK1500ST	1500	200	25	280	26(Hex.)	100	170	79	50	2-Step	T-Slot	165.1	8-M24	28	48	28	20
IDK1600ST	1600	200	25	280	26(Hex.)	100	170	79	50	2-Step	T-Slot	165.1	8-M24	28	48	28	20
IDK1800ST	1800	200	25	280	26(Hex.)	100	170	79	50	2-Step	T-Slot	165.1	8-M24	28	48	28	20

Model	Static gripping force (Per one jaw)	Handle torque	Gripping range $\phi$ mm		Max Rotation speed	Weight	Bolt for top jaw	Optional soft jaw
			Outside	Inside				
			kN(kgf)	N·m (kgf·m)				
IDV450ST	23 (2400)	245 (25)	165-405	270-415	1300	87	M16	SJ-135
IDV500ST	27 (2800)	294 (30)	190-430	295-440	1150	120	M16	SJ-135
IDV600ST	28 (2900)	314 (32)	185-480	310-455	950	170	M16	SJ-135
IDK700ST	31 (3200)	343 (35)	215-625	325-640	700	240	M20	SJ-155
IDK800ST	34 (3500)	490 (50)	260-690	400-660	650	410	M20	SJ-160
IDK915ST	36 (3700)	490 (50)	230-855	375-820	540	495	M20	SJ-160
IDK1000ST	36 (3700)	490 (50)	230-880	375-840	470	550	M20	SJ-160
IDK1200ST	40 (4100)	490 (50)	260-1080	420-1040	360	1050	M22	SJ-170
IDK1400ST	44 (4500)	539 (55)	260-1270	410-1240	300	1200	M22	SJ-170
IDK1500ST	44 (4500)	539 (55)	300-1370	445-1340	270	1300	M22	SJ-170
IDK1600ST	44 (4500)	539 (55)	400-1470	545-1440	240	1580	M22	SJ-170
IDK1800ST	49 (5000)	588 (60)	400-1680	545-1650	210	2100	M22	SJ-170

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