



CHUCKS



Only The Best

50
1958-2008
YEARS OF
GLORIOUS SERVICE

AN ISO 9001:2000 COMPANY





TYPE
SJ
STANDARD JAWS
SELF CENTRING
CHUCK

3



TYPE
MTJ
MASTER GRIPPING
SELF CENTRING
CHUCK

4



TYPE
AS
TRUGRIP
ACCURACY ADJUSTABLE
SELF CENTRING CHUCK

5



TYPE
IC
4 JAWS
INDEPENDENT
CHUCK

6



TYPE
CC
CLOSE CENTRE
POWER CHUCK

11



TYPE
CBC
HYDRAULIC CLOSE CENTRE
ROTATING CYLINDER

17



TYPE
OBC
OPEN CENTRE (Through Hole)
ROTARY
HYDRAULIC CYLINDER

14



**BACK
PLATES**

18



TYPE
CLC
OPEN CENTRE/HOLLOW (Through Hole)
HYDRAULIC CYLINDER
COOLANT COLLECTOR

15



TYPE
FPJ
FACE PLATE JAWS

19



TYPE
DP
DUST PROOF
SELF CENTRING
CHUCK

7



TYPE
OCDK
OPEN CENTRE/HOLLOW
LARGE BORE
DIRECT MOUNTING
POWER CHUCK

8



TYPE
OCD
OPEN CENTRE/HOLLOW
DIRECT MOUNTING
POWER CHUCK

9



TYPE
JCC
JAW
COMPENSATION
CHUCK

10



TYPE
HCC
CLOSE CENTRE (Max Through Hole)
ROTARY
HYDRAULIC CYLINDER

16



SPARES

20



IN HOUSE CNC MACHINING



DYNAMIC GRIP TEST



**DYNAMIC
BALANCING MACHINE**



**CORDINATE
MEASURING MACHINE**



GOLD

STANDARD JAWS SELF CENTRING CHUCKS

TYPE SJ



Scroll operated self centring chuck with 2 sets of jaws (Reverse and Forward) is widely used in mass production.

MATERIAL COMPOSITION:

BODY

CI BODY : High tensile, wear resistant cast iron alloyed with Chrome and Manganese, Hardness 180-210 Bhn.

SG IRON BODY : 500/7 grade of SG Iron, Hardness 180-210 Bhn

STEEL BODY : Medium carbon steel of 600 mpa tensile strength

JAWS

Case hardening steel with tough core, hardness 56-60 Hrc.

PINION

Case hardening alloy steel hardness 42-50 Hrc.

SCROLL

Forged high strength wear resistant case hardening alloy steel, Hardness 40-45 Hrc.

SPECIAL FEATURES

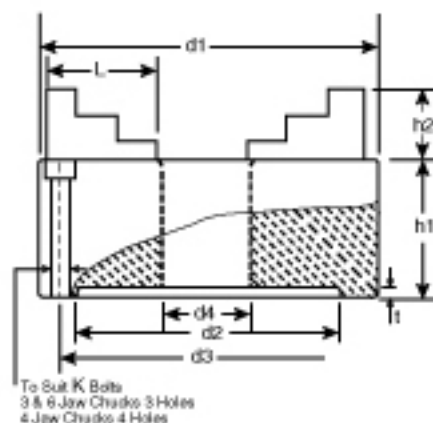
BODY : Jaw ways Hardened and ground.

JAWS : Jaws teeth Precision ground from both sides

SCROLL : Scroll threads precision ground from both sides. Hardness 40-45 Hrc.

PARTS : Interchangeable

RUNOUT : Less than 0.04 from 160 mm onwards



DIMENSIONS IN MM

Nominal Size d_1	d_2 H_7	P.C.D		d_4 Min.	h_1 Max.	h_2 Max.	t Min.	L	K	Size of Sq. Key for Chuck	Approx. Wt. in Kgs.		
		d_3	Tol. on d_3								SJ3	SJ4	SJ6
80	56	67	± 0.2	16	44	12	3	32	M6	6	1.6	2.0	-
100	70	83	± 0.25	20	50	18	3	41	M8	8	2.5	3.0	-
125	95	108	± 0.25	33	57	21	4	48	M8	9	4.5	5.0	6.0
160	125	140	± 0.3	42	67	29	4	65	M10	10	8.0	9.0	10.0
200	160	176	± 0.3	55	75	31	4	80	M10	11	14.0	15.0	16.0
250	200	224	± 0.35	76	85	36	5	98	M12	12	27.0	28.0	30.5
315	260	286	± 0.4	107	87	36	5	118	M12	14	38.5	41.0	44.0
400	330	362	± 0.4	150	110	51	5	160	M16	17	87.0	88.0	93.0

CHUCKS WITH BACK PLATE ALSO AVAILABLE