

HEAVY DUTY MORSE TAPER TAPPING ATTACHMENT WITH COLLET



▲ 4018-33-(d)L



▲ 4018-33



▲ 4018-33-(d)L



▲ 4018-33-d

CODE No.			Kg
4018-3303	MT3	D33-M6,8,10,12,14,16	11.2
4018-3304	MT4	D33-MT2,3	11.5
4018-3305	MT5	D33-J6 (13 m/m)	12.5

CODE No.			Kg
4018-33-(d)L	M-8,10,12,14,16,18,20,24,27,30,33 U- $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$,1,1 $\frac{1}{8}$,1 $\frac{1}{4}$ P- $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$,1		0.6

CODE No.		Kg
4018-33-(d)L	M-8L,10L,12L,14L,16L,18L,20L,24L,27L,30L,33L U- $\frac{5}{16}$ L, $\frac{3}{8}$ L, $\frac{7}{16}$ L, $\frac{1}{2}$ L, $\frac{9}{16}$ L, $\frac{5}{8}$ L, $\frac{3}{4}$ L, $\frac{7}{8}$ L,1L,1 $\frac{1}{8}$ L,1 $\frac{1}{4}$ L P- $\frac{1}{8}$ L, $\frac{1}{4}$ L, $\frac{3}{8}$ L, $\frac{1}{2}$ L, $\frac{5}{8}$ L, $\frac{3}{4}$ L,1L	1.5

CODE No.		Kg
4018-33	JTA6 (13 m/m)	1.5
4018-33-(d)	MT1, MT2, MT3, MT4	0.7~0.9

TAPPING ATTACHMENT FOR AVERAGE DRILLING MACHINES

- Features:two-stage gear clutch device with clockwise and counter-clockwise rotation makes operation smooth and minimize taps damage.



▲ 3345-1301~3345-1304



▲ 3345-1305~3345-1306

A : For drill presses with Morse Taper Hole

CODE No.	Capacity	Shank	Speed ratio	Net weight	Box size(mm)	HP requirement for drill
3345-1301	3-8 mm	MT#2	1-1	1.8 kg	90 x 90 x 240	1/3 HP
3345-1302	5-10 mm	MT#2	1-1	2.3 kg	100 x 100 x 260	1/3 HP
3345-1303	6-14 mm	MT#3	1-1	4.5 kg	125 x 125 x 300	1/2 HP
3345-1304	12-25 mm	MT#3	4-1	6 kg	160 x 160 x 360	1/2 HP

B : For drill presses with drill chuck capacity 13mm and above

CODE No.	Capacity	Shank	Speed ratio	Net weight	Box size(mm)	HP requirement for drill
3345-1305	3-8 mm	1/2"	1-1	1.5	90 x 90 x 190	1/4 HP
3345-1306	5-10 mm	1/2"	1-1	2	100 x 100 x 210	1/4 HP

REVERSING TAPPING ATTACHMENT



- Pre-selective torque drive-prevents tap breakage.
- Sensitive clutch built in as called overload protection.
- Planetary gear-1.75 reverse ratio
- Axial float ensure smooth tapping.
- Cushion drive eliminates cross-threading.

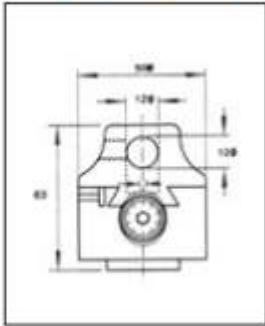
CODE No.	Tapping Range	Capacity	Jaboc Taper	DIN Taper	Net Weight
3345-1307	M2-M7	2.5-6.5 mm	JT #33 / JT6	B10	0.98 kgs
3345-1312	M5-M12	3.5-10 mm	JT #33 / JT6	B10 / B16	0.98 kgs
3345-1320	M8-M20	6.3-14 mm	JT #6	B16	2 kgs

ECONOMIC BORING HEADS

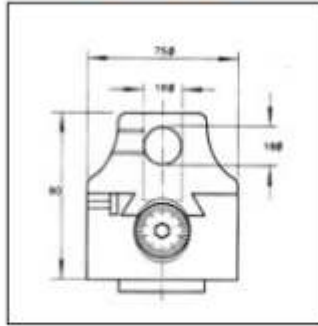
GRADUATION SCALE :0.001"-0.025mm



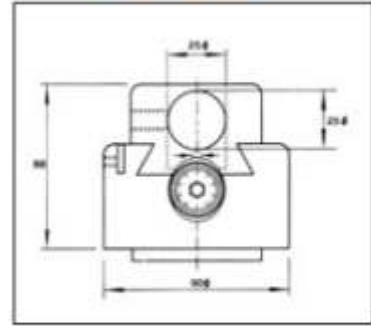
▲ 4000-E050



▲ 4000-E075



▲ 4000-E100



CODE No.	Body Size	Over Length	Boring Bar	Cross Hole	Offset	N.W.	Graduation	Connect Thread
4000-E050	50 mm	60 mm	12 mm	12 mm	15 mm	0.6 kgs	0.001/0-50	7/8" x 20TPI
4000-E051	2"	2-7/16"	1/2"	1/2"	5/8"	1.32 lbs	0.001/0-50	7/8" x 20TPI
4000-E075	75 mm	80 mm	18 mm	18 mm	25 mm	2 kgs	0.001/0-50	1-1/2" x 18TPI
4000-E076	3"	3-5/32"	3/4"	3/4"	1"	4.41 lbs	0.001/0-100	1-1/2" x 18TPI
4000-E100	100 mm	90 mm	25 mm	25 mm	25 mm	4 kgs	0.001/0-100	1-1/2" x 18TPI
4000-E101	4"	3-1/2"	1"	1"	1"	8.82 lbs	0.001/0-100	1-1/2" x 18TPI

BORING HEAD SHANKS FOR 4000 – E050 ~ 4000 – E101

CODE No.	Taper	Mounting Threads
4000-0001	BT #40	M16 x P2.0
4000-0002	BT #50	M24 x P3.0
4000-0003	NT#30	1/2" x 12UNC
4000-0004	NT#30	M12 x P1.75
4000-0005	NT#40	5/8" x 11UNC
4000-0006	NT#40	M16 x P2.0
4000-0007	NT#50	1" x 8UNC
4000-0008	NT#50	M24 x P3.0
4000-0021	MT#2	3/8" x 16UNC
4000-0022	MT#2	M10 x P1.5
4000-0009	MT#3	1/2" x 12UNC
4000-0010	MT#3	M12 x P1.75
4000-0011	MT#4	5/8" x 11UNC
4000-0012	MT#4	M16 x P2.0
4000-0013	MT#5	1" x 8 UNC
4000-0014	MT#5	M24 x P3.0
4000-0023	MT#2	Tanged
4000-0015	MT#3	Tanged
4000-0016	MT#4	Tanged
4000-0017	MT#5	Tanged
4000-0018	R8	7/16" x 20UNC



CODE No.	Straight Shanks Sereis
4000-0019	20 mm dia. x 60 mm Length
4000-0020	25 mm dia. x 60 mm Length
4000-0021	32 mm dia. x 60 mm Length

BORING HEAD SHANKS



▲ 4000-0200

Contains

- 1 x Master boring head -2"/50mm .
- 1 x Boring head shank . (Suitable size-)
- 3 x Boring bars
- 1 x INDE x ible Boring Bar
- 1 x HSS toolbit-1/4" x 30mmL
- 1 x fitted wooden box



▲ 4000-0500

Contains

- 1 x master boring head-10-240mm
- 3 x indexable insert boring bar
- 3 x boring bar
- 1 x sleeve-20x10x50mm
- 1 x HSS toolbit-1/4" x 30L
- 1 x plastic fitted box



▲ 4000-0300

Contains

- 1 x Mast boring head -3"/75mm
- 1 x Broing head shank (suitable size)
- 2 x Indexable insert Boring bars
- 5 pcs. Boring bar.
- 1 x HSS toolbit -1/4" x 30L
- 1 x fitted Plastic box
- 1 x suitable size sleeve for small Boring bar



▲ 4000-0400

Contains

- 1 x master boring head-Cap-10-250mm
- 2 x indexable insert boring bar
- 5 x boring bar
- 1 x suitable size sleeve for small Boring bar
- 1 x HSS toolbit 1/4" x 30L
- 1 sleeve
- 1 x suitable shank
- 1 x Plastic fitted box

UNIVERSAL BORING & FACING MASTER HEAD



CODE No.	Head Size LxW	Tool Cap.	Cross Hole Dia.	Max. Speed	Offset	Boring Min / Max	Feed/Rapid Feed
4000-5950	78 x 58 mm	18 mm	18 mm		15 mm	5-250 mm	
4000-5960	84 x 98 mm	20 mm	20 mm	1000 rpm	50 mm	5-280 mm	0.05 / 2.0 mm/rev.
4000-5965	148 x 153 mm	30 mm	30 mm	500 rpm	100 mm	12-500 mm	0.05 / 0.2 mm/rev.

MetalMachine

UNIVERSAL BORING & FACING HEADS

- The Heads has mechanism of manual fine feed. Rapid adjustment with Overload protection. And radial automatic feed.
- Each set contains
 - Fitted wooden box
 - Main broing & Facing head
 - Boring bara sleeves
 - Key handle



Specifications	2000-212A	2000-213A	2000-214A
Slide Travel	15 mm	25 mm	50 mm
Facing Diameter	150 mm	350 mm	450 mm
Boring Diameter	150 mm	350 mm	450 mm
Fine Feed Per Graduation	0.005 mm		
Manual Feed Per Graduation	2 mm	3 mm	3 mm
Self-Acting Feed Per Revolution	0.02 / 0.04 / 0.06 / 0.08 / 0.10 / 0.12 mm	0.03 / 0.06 / 0.09 / 0.12 / 0.15 / 0.18 mm	
Slide hole Diameter	90 mm	120 mm	168 mm
Soliding Block Width	70 mm	90 mm	90 mm
Bushing inner Dia.	4 / 8 / 12 mm	8 / 10 / 12 / 14 mm	8 / 10 / 12 / 14 mm
Head height	87.5 mm	118 mm	118 mm
Net Weight	2.9 kgs	6.1 kgs	7.8 kgs

APPLICATION EXAMPLES

