AUGER DRIVE
SELECTION GUIDE

BEYOND ATTACHMENT, WE ATTACH PRODUCTIVITY

WE-ATTACH



WE ARE WE-ATTACH

WE-ATTACH, A BRAND OF NINGBO SHELLEY MACHINERY SINCE 2014, PROVIDES PREMIUM EXCAVATOR ATTACHMENTS FOR DEMOLITION, CONSTRUCTION, MINING, FORESTRY, AND MATERIAL HANDLING. OUR 35,000 M2 FACTORY AND 170 SKILLED STAFF, INCLUDING 20+ R&D ENGINEERS,ENSURE DURABLE, PRECISION-ENGINEERED SOLUTIONS.



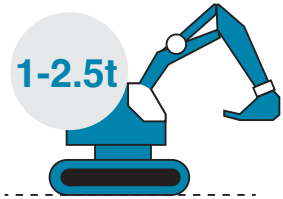
12+
YEARS OF EXPERTISE

99.99%
ACCURACY

65+
COUNTRIES SERVED

35,000+
M^2 FACTORY AREA

WD2 AUGER DRIVE



LS Series Auger Drive

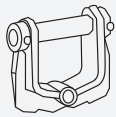
Ø 100mm-450mm



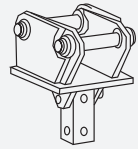
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
585 MM	200 MM	47 KG	65 MM ROUND

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
2,180 NM	240 BAR	57 LPM	99 RPM

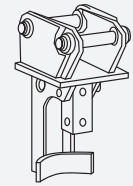
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
100-300	2.2	2.0	1.8
350	2.1	1.8	1.6
375	1.8	1.6	1.4
400	1.6	1.4	1.3
450	1.2	1.1	1.0



Single
Pin Hitch

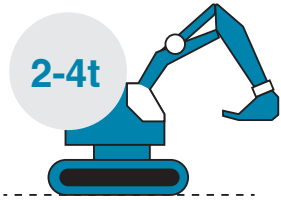


Double
Pin Hitch



Cradle Double
Pin Hitch

WD3 AUGER DRIVE



LS Series Auger Drive

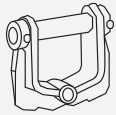
Ø 100mm-600mm



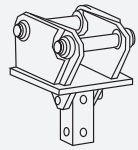
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
665 MM	244 MM	71 KG	65 MM ROUND

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
2,870 NM	240 BAR	75 LPM	100 RPM

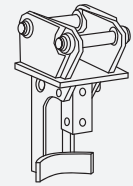
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
100-400	3.0	2.7	2.4
450	2.6	2.3	2.1
500	2.3	2.1	1.9
550	2.0	1.8	1.6
600	1.8	1.6	1.4



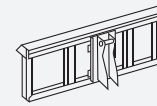
Single Pin Hitch



Double Pin Hitch

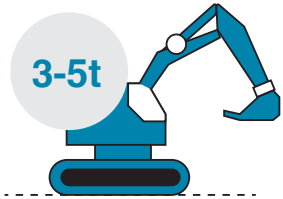


Cradle Double Pin Hitch



Skid Steer Frame

WD5 AUGER DRIVE



LS Series Auger Drive

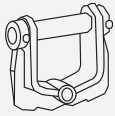
Ø 100mm-900mm



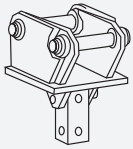
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
665 MM	224 MM	75 KG	65 MM ROUND

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
4,500 NM	240 BAR	95 LPM	78 RPM

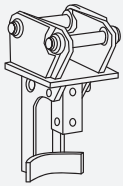
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
100-600	4.0	3.6	3.2
700	3.0	2.7	2.4
750	2.5	2.3	2.1
800	2.0	1.8	1.6
900	1.5	1.4	1.3



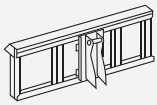
Single Pin Hitch



Double Pin Hitch



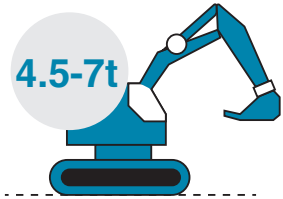
Cradle Double Pin Hitch



Skid Steer Frame


WE-ATTACH

WD6 AUGER DRIVE



MD Series Auger Drive

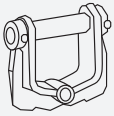
Ø 100mm-750mm



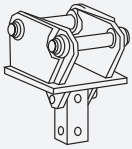
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
780 MM	269 MM	108 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
5,470 NM	240 BAR	115 LPM	78 RPM

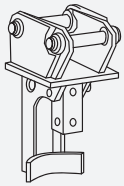
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
150-600	4.0	3.6	3.2
700	3.5	3.2	2.9
750	3.0	2.7	2.4



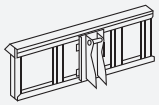
Single Pin Hitch



Double Pin Hitch

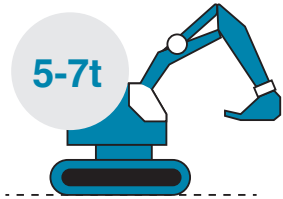


Cradle Double Pin Hitch



Skid Steer Frame

WD7 AUGER DRIVE



MD Series Auger Drive

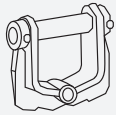
Ø 150mm-900mm



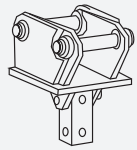
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
780 MM	269 MM	112 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
6,830 NM	240 BAR	135 LPM	81 RPM

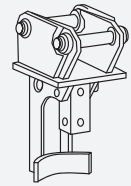
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
100-500	5.0	4.5	4.1
550-700	4.0	3.6	3.2
750	3.5	3.2	2.9
800	3.0	2.7	2.4
900	2.5	2.3	2.1



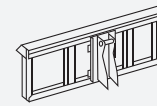
Single Pin Hitch



Double Pin Hitch

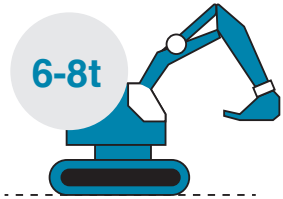


Cradle Double Pin Hitch



Skid Steer Frame

WD8 AUGER DRIVE



MD Series Auger Drive

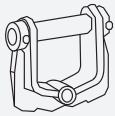
Ø 150mm-1,2m



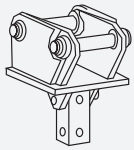
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
780 MM	269 MM	116 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
8,100 NM	240 BAR	115 LPM	78 RPM

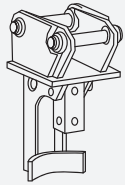
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
150-400	6.0	5.4	4.9
450-600	5.0	4.5	4.1
700	4.5	4.1	3.7
750-800	4.0	3.6	3.2
900-1000	3.5	3.2	2.9
1200	3.0	2.7	2.4



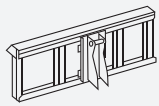
Single Pin Hitch



Double Pin Hitch



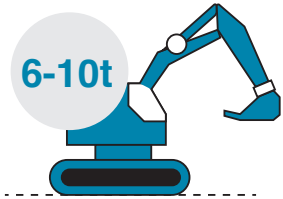
Cradle Double Pin Hitch



Skid Steer Frame


WE-ATTACH

WD10 AUGER DRIVE



MD Series Auger Drive

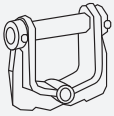
Ø 150mm-900mm



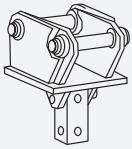
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
780 MM	269 MM	122 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
10,600 NM	240 BAR	150 LPM	58 RPM

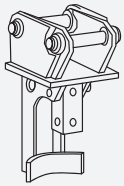
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
150-500	5.0	4.5	4.1
550-700	4.0	3.6	3.2
750	3.5	3.2	2.9
800	3.0	2.7	2.4
900	2.5	2.3	2.1



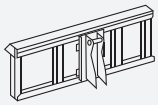
Single
Pin Hitch



Double
Pin Hitch

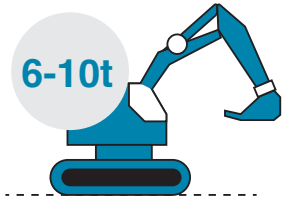


Cradle Double
Pin Hitch



Skid Steer
Frame

WD12 AUGER DRIVE



HD Series Auger Drive

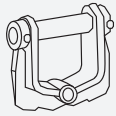
Ø 150mm-1.0m



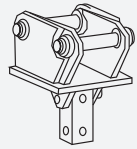
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
883 MM	290 MM	162 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
12,600 NM	240 BAR	150 LPM	45 RPM

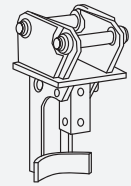
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
150-400	7.0	6.3	5.7
450-600	6.5	5.9	5.3
700	6.0	5.4	4.9
750-800	5.5	5.0	4.5
900	5.0	4.5	4.1
1000	4.5	4.1	3.7



Single Pin Hitch

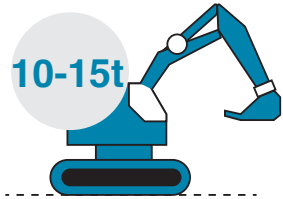


Double Pin Hitch



Cradle Double Pin Hitch

WD15 AUGER DRIVE



HD Series Auger Drive

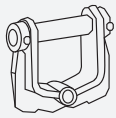
Ø 150mm-1.2m



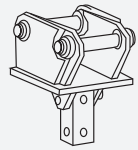
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
930 MM	290 MM	173 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
15,000 NM	240 BAR	170 LPM	43 RPM

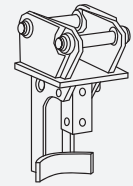
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
150-400	7.5	6.8	6.1
450-600	7.0	6.3	5.7
700	6.5	5.9	6.3
750-800	6.0	5.4	4.9
900	5.5	5.0	4.5
1000	5.0	4.5	4.1
1200	4.5	4.1	3.7



Single
Pin Hitch



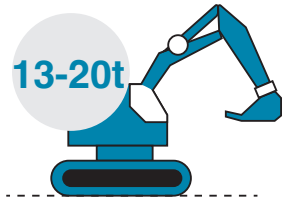
Double
Pin Hitch



Cradle Double
Pin Hitch


WE-ATTACH

WD20 AUGER DRIVE



HD Series Auger Drive

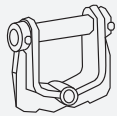
Ø 150mm-1.2m



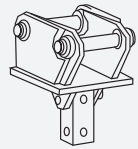
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
1,130 MM	345 MM	268 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
19,500 NM	240 BAR	170 LPM	33 RPM

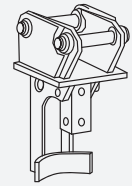
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
150-400	8.5	7.7	6.9
450-600	8.0	7.2	6.5
700	7.5	6.8	6.1
750-800	7.0	6.3	5.7
900	6.5	5.9	5.3
1000	6.0	5.4	4.9
1200	5.5	5.0	4.5



Single Pin Hitch

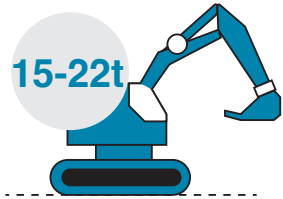


Double Pin Hitch



Cradle Double Pin Hitch

WD25 AUGER DRIVE



HD Series Auger Drive

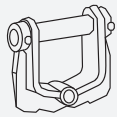
Ø 150mm-1.5m



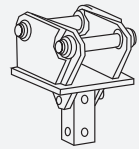
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
1,130 MM	345 MM	269 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
24,800 NM	260 BAR	170 LPM	26 RPM

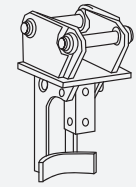
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
150-400	9.0	8.1	7.3
450-600	8.5	7.7	6.9
700	8.0	7.2	6.5
750-800	7.5	6.8	6.1
900	7.0	6.3	5.7
1000	6.5	5.9	5.3
1200	6.0	5.4	4.9
1500	5.0	4.5	4.1



Single
Pin Hitch

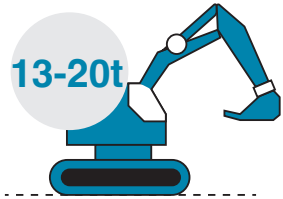


Double
Pin Hitch



Cradle Double
Pin Hitch

WD30 AUGER DRIVE



HD Series Auger Drive

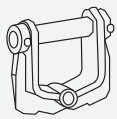
Ø 150mm-1.5m



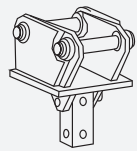
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
1,400 MM	410 MM	433 KG	75 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
28,000 NM	310 BAR	225 LPM	26 RPM

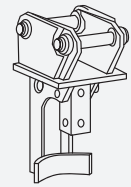
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
150-350	10.5	9.5	8.6
400-450	10.0	9.0	8.1
500-550	9.5	8.6	7.7
600	9.0	8.1	7.3
700-800	8.5	7.7	6.9
900	8.0	7.2	6.5
1000	7.5	6.8	6.1
1200	7.0	6.3	5.7



Single
Pin Hitch



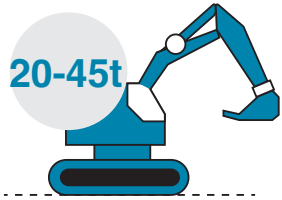
Double
Pin Hitch



Cradle Double
Pin Hitch


WE-ATTACH

WD35 AUGER DRIVE



XD Series Auger Drive

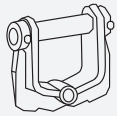
Ø 300mm-1.5m



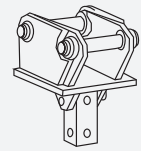
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
1,411 MM	406 MM	442 KG	110 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
35,000 NM	310 BAR	225 LPM	31 RPM

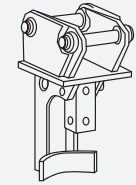
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
300-375	10.5	9.5	8.6
400-450	10.0	9.0	8.1
500-550	9.5	8.6	7.7
600	9.0	8.1	7.3
700-800	8.5	7.7	6.9
900	8.0	7.2	6.9
1000	7.5	6.8	6.1
1200	7.0	6.3	5.7
1500	6.5	5.9	5.3



Single
Pin Hitch

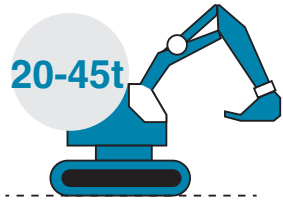


Double
Pin Hitch



Cradle Double
Pin Hitch

WD50 AUGER DRIVE



XD Series Auger Drive

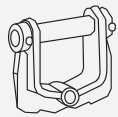
Ø 300mm-1.8m



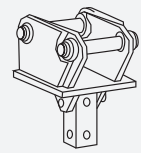
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
1,411 MM	406 MM	442 KG	110 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
42,000 NM	310 BAR	225 LPM	26 RPM

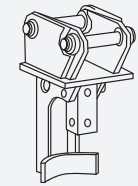
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
300-400	12.0	10.8	9.7
450-500	11.5	10.4	9.4
550-600	11.0	9.9	8.9
700	10.5	9.5	8.6
700-800	10.0	9.0	8.1
900	9.5	8.6	7.7
1000	9.0	8.1	7.3
1200	8.3	7.5	6.8
1500	7.5	6.8	6.1
1800	6.5	5.9	5.3



Single Pin Hitch

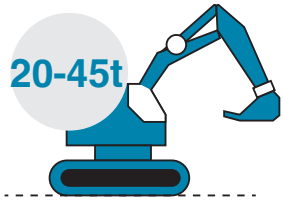


Double Pin Hitch



Cradle Double Pin Hitch

WD50 AUGER DRIVE



XD Series Auger Drive

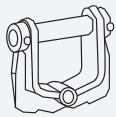
Ø 300mm-1.8m



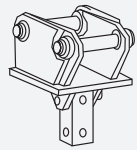
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
1,415 MM	410 MM	472 KG	110 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
47,500 NM	310 BAR	280 LPM	30 RPM

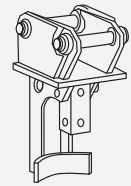
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
300-400	12.0	10.8	9.7
450-500	11.5	10.4	9.4
550-600	11.0	9.9	8.9
700	10.5	9.5	8.6
700-800	10.0	9.0	8.1
900	9.5	8.6	7.7
1000	9.0	8.1	7.3
1200	8.3	7.5	6.8
1500	7.5	6.8	6.1
1800	6.5	5.9	5.3



Single Pin Hitch

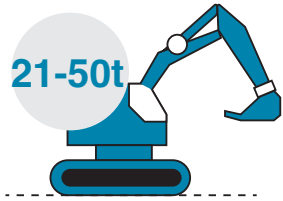


Double Pin Hitch



Cradle Double Pin Hitch

WD80 AUGER DRIVE



XD Series Auger Drive

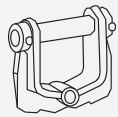
Ø 300mm-2.2m



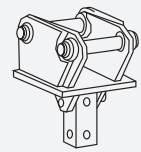
PRODUCT HEIGHT	DIAMETER	WEIGHT	OUTPUT SHAFT
1,556 MM	406 MM	480 KG	110 MM SQ

MAX TORQUE	MAX PRESSURE	MAX FLOW	MAX OUTPUT SPEED
75,000 NM	310 BAR	280 LPM	21 RPM

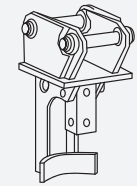
AUGER DIA.(MM)	DRILLING DEPTH TABLE(M)		
	SOFT GROUND	MEDIUM GROUND	HARD GROUND
300-400	20.0	18.7	15.7
450-500	18.0	16.1	13.4
550-600	16.0	14.7	11.9
700-800	14.0	12.2	10.2
900-1000	12.0	10.9	8.5
1100-1200	10.0	8.1	6.8
1300-1500	8.0	5.6	4.3
1600-1800	6.0	4.3	2.6
1900-2100	4.0	2.2	1.7
2200-2400	2.0	1.1	0.9



Single Pin Hitch

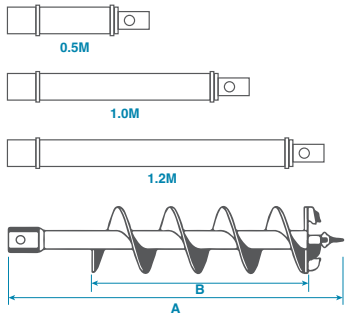


Double Pin Hitch



Cradle Double Pin Hitch

WEAR PARTS FOR GROUND CONDITIONS



EARTH PART :

Soft soil, clay, silty soil, loose sand, silt, and loose backfill soil without large pebbles.

TUNGSTEN PART :

Dry hard soil, medium-hard formations, and uneven strata containing cobbles or boulders.

MODEL	HUB	DIAMETER (MM)	TOTAL LENGTH (A MM)	SEGMENTS LENGTH (B MM)
LS - 100	65 ROUND	100	1200	FULL SEGMENT
LS - 150	65 ROUND	150	1200	850
LS - 200	65 ROUND	200	1200	850
LS - 250	65 ROUND	250	1200	770
LS - 300	65 ROUND	300	1200	750
LS - 350	65 ROUND	350	1200	750
LS - 400	65 ROUND	400	1200	700
LS - 450	65 ROUND	450	1200	760
LS - 500	65 ROUND	500	1200	760
LS - 600	65 ROUND	600	1200	760
LS - 700	65 ROUND	700	1200	700
LS - 800	65 ROUND	800	1200	700
LS - 900	65 ROUND	900	1200	700



Earth pilot & tooth

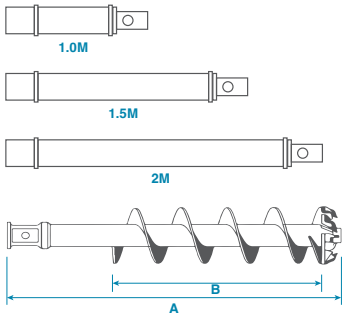


Tungsten pilot & tooth



Extra Dig pilot & Tungsten tooth

WEAR PARTS FOR GROUND CONDITIONS

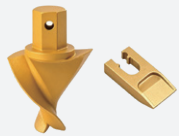


EARTH PART :
Soft soil, clay, silty soil, loose sand, silt, and loose backfill soil without large pebbles.

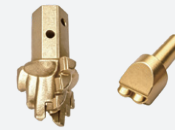
TUNGSTEN PART :
Dry hard soil, medium-hard formations, and uneven strata containing cobbles or boulders.

ROCK PART :
Compacted soil, heavy clay, asphalt, concrete, frozen ground, friable rock, soft rock, and uneven strata with cobbles or boulders.

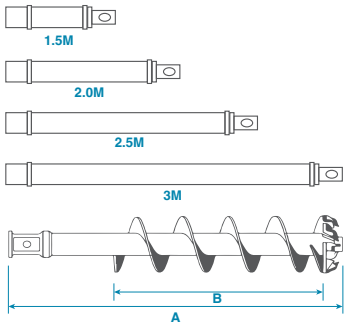
MODEL	HUB	DIAMETER (MM)	TOTAL LENGTH (A MM)	SEGMENTS LENGTH (B MM)
MD - 150	75 SQ	150	1500	1000
MD - 200	75 SQ	200	1500	900
MD - 250	75 SQ	250	1500	880
MD - 300	75 SQ	300	1500	890
MD - 350	75 SQ	350	1500	890
MD - 400	75 SQ	400	1500	780
MD - 450	75 SQ	450	1500	750
MD - 500	75 SQ	500	1500	750
MD - 600	75 SQ	600	1500	700
MD - 700	75 SQ	700	1500	700
MD - 800	75 SQ	800	1500	720
MD - 900	75 SQ	900	1500	700
MD - 1000	75 SQ	1000	1500	600
MD - 1200	75 SQ	1200	1500	650


Earth pilot & tooth


Tungsten pilot & tooth


Rock pilot & Tungsten tooth

WEAR PARTS FOR GROUND CONDITIONS



EARTH PART :
Soft soil, clay, silty soil, loose sand, silt, and loose backfill soil without large pebbles.

TUNGSTEN PART :
Dry hard soil, medium-hard formations, and uneven strata containing cobbles or boulders.

ROCK PART :
Compacted soil, heavy clay, asphalt, concrete, frozen ground, friable rock, soft rock, and uneven strata with cobbles or boulders.

MODEL	HUB	DIAMETER (MM)	TOTAL LENGTH (A MM)	SEGMENTS LENGTH (B MM)
HD - 150	75 SQ	150	1750	1260
HD - 200	75 SQ	200	1750	1260
HD - 250	75 SQ	250	1750	1210
HD - 300	75 SQ	300	1750	1250
HD - 350	75 SQ	350	1750	1250
HD - 400	75 SQ	400	1750	1170
HD - 450	75 SQ	450	1750	1200
HD - 500	75 SQ	500	1750	1200
HD - 600	75 SQ	600	1750	1050
HD - 700	75 SQ	700	1750	1050
HD - 800	75 SQ	800	1750	1080
HD - 900	75 SQ	900	1750	875
HD - 1000	75 SQ	1000	1750	700
HD - 1200	75 SQ	1200	1750	600
HD - 1500	75 SQ	1500	1750	600


Earth pilot & tooth


Tungsten pilot & tooth

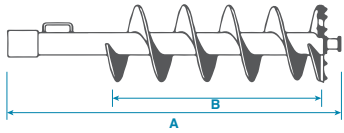

Rock pilot & tooth


Extension tungsten pilot & tooth

WEAR PARTS FOR GROUND CONDITIONS

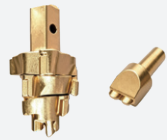






Rock part :
Compacted soil, heavy clay, asphalt, concrete, frozen ground, friable rock, soft rock, and uneven strata with cobbles or boulders.

MODEL	HUB	DIAMETER (MM)	TOTAL LENGTH (A MM)	SEGMENTS LENGTH (B MM)
XD - 300	110 SQ	300	2200	1550
XD - 350	110 SQ	350	2200	1520
XD - 400	110 SQ	400	2200	1440
XD - 450	110 SQ	450	2200	1440
XD - 500	110 SQ	500	2200	1450
XD - 600	110 SQ	600	2200	1430
XD - 700	110 SQ	700	2200	1320
XD - 800	110 SQ	800	2200	1320
XD - 900	110 SQ	900	2200	1320
XD - 1000	110 SQ	1000	2200	970
XD - 1200	110 SQ	1200	2200	910
XD - 1500	110 SQ	1500	2200	750



Rock pilot & tooth



NINGBO WE-ATTACH MANUFACTURING CO.,LTD