



**CORE DRILL MACHINES  
AND DIAMOND CORE BITS**





# SHIBUYA BLU-DRILL™

SHIBUYA BLU-DRILLS offers whole new world of power and convenience — one the professionals have learned to depend on. Check out the features and you'll agree — there is nothing like a SHIBUYA BLU-DRILL. Now you can get everything you need, from hand-held to small, medium or large motor core drills from a single manufacturer. SHIBUYA BLU-DRILLS have common parts and accessories for your added convenience and include innovative features such as:

- **Lightweight steel/aluminum hybrid column**
- **Roller carriages**
- **360° swivelling water inlet valve**
- **Powerful yet quiet motors**  
- 10, 15, 20, 23 & 27 amp and hand-held models
- **1, 2, & 3 speed motors**
- **Carrying case**
- **Reversible feed handle**
- **Angle or Fixed bases**
- **Auto Feed option**
- **115 V**

## Innovative Design



The water inlet valve swivels 360° to allow easy water hose connection even in the tightest work places.



Choose from one-, two- and three-speed motors. Controls are conveniently located on the side of the motor housing.



Move the feed handle on right or left side with ease to accommodate different working conditions. No tools necessary.



The motor ventilation system is designed to prevent water from flowing inside the motor no matter what position you are drilling in.



### Breaker Switch

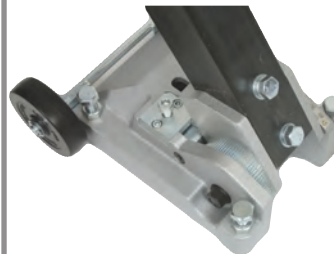
A breaker switch is conveniently located on the drill and features motor overload protection.



Model TS-132 ABKIT shown

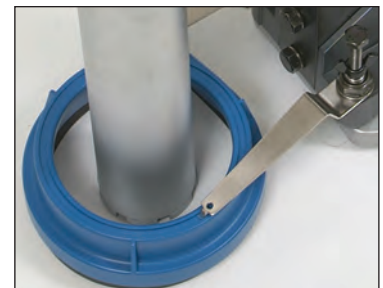
Features of Models TS-092, TS-132, TS-162, TS-252 with the angle base anchor:

- Core drill can rotate on its base up to 45° for angled drilling.
- Precise control of the angle with the built-in angle gauge on the base.
- Secure the column at the desired angle with a simple turn of a wrench.



The heavy duty angle anchor base (TS-353, TS-402 & TS-403 models) tilts forward and backward. The mechanical gear locking system provides secure angle retention while the standard wheel kit provides easy mobility.

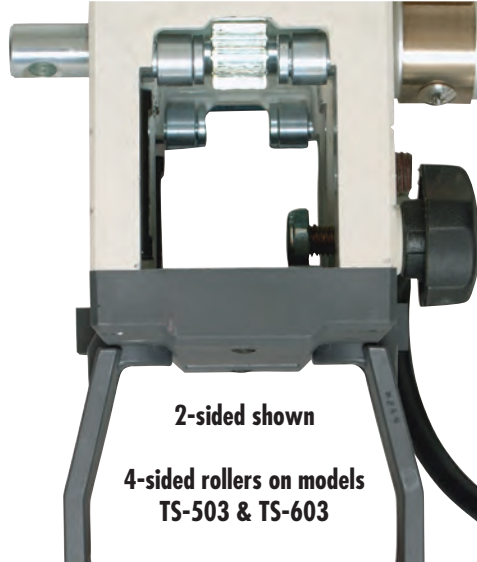
Spring-tension water ring clamps quickly and easily folds back toward the base for convenient storage when not in use. (TS-092, TS-132, TS-162, TS-252)



Durable and heavy-duty, the carrying case measures a compact 8-1/2" X 18-1/2" X 26" and weighs less than 50 lbs fully loaded with either the TS-132AB, TS-162AB or TS-092AB models. Molded plastic interior keeps drill parts organized and protects from damage.

## 2 & 4 Sided Rollers!

The machine carriage rides on durable steel rollers as opposed to the friction plates used by other manufacturers. Reduce drag, abrasion and wear on the carriage and column while benefiting from smoother feeds and true position drilling.



## Lightweight



As much as 60 lbs. lighter than other core drills, Shibuya core drills are lightweight and easy to maneuver and mount on walls. This photo of a water treatment plant in Iowa shows a TS-603 Hawg drilling a 36" hole at more than 20 ft above ground.



A hybrid extruded steel outer shell combined with an aluminum core makes the column highly rigid, durable yet lightweight. This feature is standard on models TS-132, TS-162, TS-353, TS-403, TS-503 and TS-603 with fixed base.

## How to Choose SHIBUYA Core Drilling Equipment

Model	Drilling Dia.	Amp's	Speed	RPM
RH1531/1532	Hand held 3"	15	3	560/1400/2900
TS-092	6"	10	1	970
TS-092	6"	10	1	1750
TS-132	9"	15	1	850
TS-162	9"	15	2	700/1000
TS-252	12"	20	2	450/900
TS-353	14"	23	3	380/1000/1700
TS-402	16"	27	2	300/700
TS-403	16"	27	3	300/1000/1400
TS-502	18"	27	2	300/700
TS-503	18"	27	3	300/800/1400
TS-603	26"-34"	27	3	150/300/600
Hydraulic OMS80	8"	10 gpm	Variable	500
Hydraulic OMS160	16"	10 gpm	Variable	250
Hydraulic OMS250	24"	10 gpm	Variable	160
Hydraulic OMS400	32"	10 gpm	Variable	100



# SHIBUYA Hand Held Core Drills

## RH1531 "D" Handle

Shibuya hand held drills are the ultimate multi-purpose drill that can be used with or without a drill stand. Designed for wet or dry drilling in reinforced concrete, rock, and masonry for piping works such as air conditioners, electricity, telephone, gas, water, etc.

- Can be rig mounted
- Lightweight - weighs only 15 lb
- Powerful 15 amp, variable speed motor
- 3 speed operation
- Multi-position removable side handle
- D-style handle for ergonomic control
- Two-bubble levels - (vertical and horizontal)
- A 3-position water connection
- Built-in breaker switch for hand operation
- Concealed switches with circuit protector for rig mounting



**RH1531 ABV Combo**



**E** Runs on 15 Amp / 115 Volts



*Both the "D" handle and pistol grip hand drills come standard with molded plastic storage cases*



150342 Squeeze  
Clamp for rig mounting



*Concealed switches for rig mounting with on/off and disengage allows you to run the drill without squeezing trigger when rig mounted.*

## Hand Held Drills

	D-Handle Hand Held RH1531	RH1531 ABV Combo Drill RH1531
MOTOR		
AMPS/VOLTS	15/115	15/115
RPM (Under Load)	560/1400/2900	560/1400/2900
BIT CAPACITY	(Max. Handheld) 3"	8" (Angle)
BIT CAPACITY		10" (Vertical)
COLUMN LENGTH		39.4"
WEIGHT w/o accessories	15 lb (6.8 kg)	69 lb. w/pump
MODEL No.	RH1531	RH1531ABV
PART No.	<b>DR2003</b>	<b>DR2024</b>
		<b>DR2025</b>

## RH1531 Hand Drill

### Accessories

	Part No.
Stand, Fixed base, column & carriage	150340
Stand, Angle base, column & carriage	150341
Dust/Slurry Ring (5")	151291
Dust/Slurry Ring (7")	151287
Adaptor kit/Squeeze clamp	150342
Adaptor kit/Fixed bolt on	150343*
Grease Tube	151082
Brass quick disconnect	150590

\*RH1531D-Handle model only



# RH1532 Hand-Held Pistol Grip

Shibuya pistol grip hand held drills are designed to meet the demands of the professional. This multi-purpose drill can be used with or without a drill stand. For wet or dry drilling in reinforced concrete, rock, and masonry for piping works such as air conditioners, electricity, telephone, gas, water, etc.



Includes molded plastic storage case



Runs on 15 Amp / 115 Volts



Bit Capacity - 3" Hand-Held



Inline GFCI

## Features:

- Pistol grip style handle provides balance and leverage
- 3-speed gearbox with high, medium and low speed
- Spindle shaft of 1/2" GAS female thread. For bits other than 1/2" GAS male an adapter must be used. A 5/8"-11 (P/N 150421) and a 1-1/4"-7 (P/N 150052) threaded adapter are included with the drill.
- Multi-position removable side handle
- Two-bubble levels - one on the side and the other on the back of the drill ensure precise, level drilling
- A 3-position water connection
- Equipped with an inline GFCI (ground fault circuit interrupter) and under voltage dropout
- Equipped with electronic control device with three LED indicators:
  - 1) Green light for normal load
  - 2) Flashing red light for maximum load and a solid red light indicates overload
  - 3) An orange light advises when regular maintenance is needed.
- Circuit protector and overload switch protects drill motor by turning drill off when drill is overloaded.
- Built-in breaker switch for hand operation
- Equipped with soft start. Top speed of the spindle revolution is reached about one second after the trigger switch is pulled (hand-held mode) or the circuit

protector is turned on (rig mounted mode).

- Concealed switches with circuit protector for rig mounting
- Inner gear system protects gear parts if core bit is suddenly jammed due to obstructions
- Includes molded plastic storage case for safe, convenient storage.

*Concealed switches for rig mounting with on/off and disengage allows you to run the drill without squeezing trigger when rig mounted.*



150342 Squeeze Clamp for rig mounting

Fits most brands of drill rigs with industry standard squeeze mount

	<b>RH1532 Hand Drill</b>	<b>RH1532 ABV Combo Drill</b>	<b>RH1532 Hand Drill Accessories</b>	<b>Part No.</b>
MOTOR	RH1532	RH1532	Stand, Fixed base, column & carriage	150340
AMPS/VOLTS	15/115	15/115	Stand, Angle base, column & carriage	150341
RPM (Under Load)	560/1400/2900	560/1400/2900	Slurry/Dust Ring (5")	151291
BIT CAPACITY	(Max. Handheld) 3"	(Max. Handheld) 3"	Slurry/Dust Ring (7")	151287
WEIGHT w/o accy	15 lb (6.8 kg)	69 lb w/pump	Adaptor kit/Squeeze clamp	150342
MODEL No.	RH1532	RH1532ABV	Grease Tube	151082
PART No.	<b>DR2023</b>	<b>DR2028</b>	Brass quick disconnect	150590
PART No. -less pump		<b>DR2029</b>		

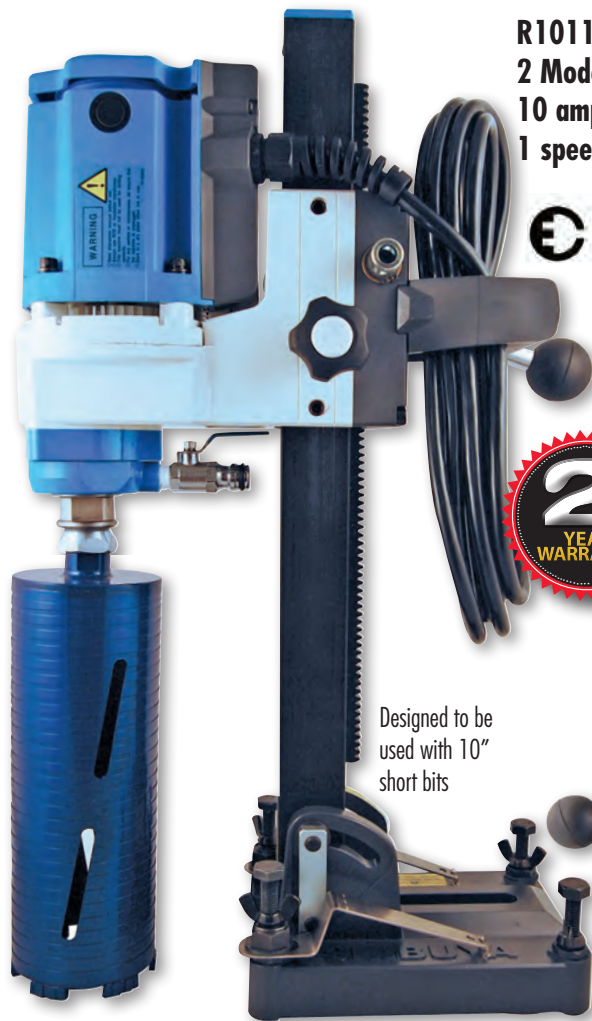
Speed/Recommended Bit Diameter for RH1531 / RH1532*				
Speed Range	Hand Held	Rig Mounted	Rev/Min (No Load)	Drilling Diameter Recommendation
H	✓	✓	2900 RPM	1" - 2"
M	✓	✓	1400 RPM	2" - 3"
L	⊘	✓	560 RPM	3-1/2" to 6"

\*Maximum drilling diameter dependent on hardness of concrete, aggregate, size of rebar, drilling depth, etc.





# TS-092 SHIBUYA Core Drill



**R1011 / R1012**  
**2 Models**  
**10 amp**  
**1 speed**



Runs on 10 Amp /  
 115 Volts



Designed to be  
 used with 10"  
 short bits

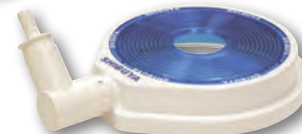
## TS092 Features

- 4" bit capacity with R1012 high speed motor - perfect for smaller holes
- 8" bit capacity with R1011 motor
- Compact 10 Amp single speed (970 rpm) or (1750 rpm) low noise motors
- Built-in on/off switch with low voltage drop-out and motor overload protection
- Multi-position water swivel inlet for convenience
- Right and left hand feed handle positions
- Carrying handle for easy lifting
- Compact 22" column with 13" stroke
- 1-5/8" x 1-5/8" square column
- 5-1/2" wide x 7-3/4" long anchor or angle anchor bases with self-cleaning leveling screws and built-in water collector ring fixture
- Optional removable vacuum pads for versatility
- Lightweight extruded steel column for greater strength and tighter tolerances.
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge lasso, anchor stud w/washer, nuts and pouch & adapter for 1-1/4" -7 & 5/8" -11 threads
- Maximum 10" length core bit



Includes molded plastic  
 storage case

*This is the perfect drill to fit into limited electrical/plumbing access areas  
 in hotel rooms, college dorms, etc. In this case the drill is being used at a  
 radon mitigation site.*



Slurry / Dust Ring included

## TS-092

	w/ CASE	w/ CASE
BASE STYLE	ANGLE ANCHOR	ANGLE ANCHOR
MOTOR	R1011	R1012
AMPS	10	10
RPM (no Load)	970	1750
BIT CAPACITY (Max.)	8"	4"
COLUMN LENGTH	22" (560mm)	22" (560mm)
WEIGHT w/o accessories	20 lb	20 lb
MODEL No.	TS-092ABKIT	TS-092ABKIT
PART No.	DR0017	DR0019

### TS-092

Accessories	Part No.
Vacuum Pads — Extra Small	150159
Vacuum Pads — Small	150001
Vacuum Pump Assembly	150004





Angle Base shown

## TS-132 R1511

**15 Amp  
Single speed  
9" maximum  
bit capacity**



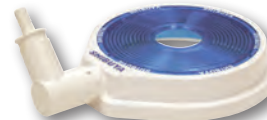
Runs on 15 Amp / 115 Volts

*The general contractors core drill - economical, lightweight, and multi-purpose. Powerful yet compact to fit in tight spots. Perfect to fit into limited electrical/plumbing access areas*

## TS-132 Features:

- 9" bit capacity
- Compact 15 Amp single-speed low noise motor
- Built-in on/off switch with low voltage drop-out and motor overload protection
- Multi-position water swivel inlet for convenience
- Right and left hand feed handle positions
- Carrying handle for easy lifting
- 31.5" column with 19" stroke fixed base or 39.5" angle-base column
- 5-3/4" wide x 8" long fixed or angle bases with self-cleaning leveling screws and water collector ring fixture
- Optional removable vacuum pads for versatility
- Slip clutch is adjustable without disassembly
- Roller carriage for smooth and precise drilling
- 2" square hybrid steel column for light weight and strength
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge, anchor stud with washer, nuts and pouch
- 5" slurry/dust ring included

**Case Drills:** Kit core drills come with a 23.5" column with an 8" extension. Without the extension, the kit core drill will accept up to 10" short core bits. With the extension, standard length (16") core bits can be used.



Slurry / Dust Ring included



*The only full size core drill machine in the industry that includes a carry case.*

## TS-132ABV Combo Drill Features

- 10" bit capacity vertical / 8" angle
- TS-132ABV features a 15 amp 1 speed (850) low noise motor
- Built-in on/off switch with motor overload protection
- Slip clutch is adjustable without disassembly
- 360° position water swivel inlet for convenience
- Roller carriage for smooth and precise drilling and longer life
- Right and left hand feed handle positions
- Wheels for easy moving at job site
- 39" extruded steel column for strength and precision.
- Angle column standard - up to 45°
- Vacuum pump mounted on base
- Unit stands up with or without bit
- Single gasket system provides stronger vacuum
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge and anchor stud with washer and nuts
- Combo base measures 13" x 21" (W x L) with two 4" wheels, four leveling screws and an anchor slot.



Single gasket on TS-132ABV gives a stronger vacuum

## TS-132

## TS-132 15 amps - 1 Speed

## TS-132ABV 15 amps - 1 Speed

	Without Case		With Case		
BASE STYLE	FIXED	ANGLE BASE	FIXED	ANGLE BASE	Angle Base Combo
MOTOR		R1511			R1511
AMPS/VOLTS		15/115			15/115
RPM (No Load)		850			850
BIT CAPACITY (Max.)		9"			10" Vertical/8" Angle
COLUMN LENGTH	31.5" (800mm)	39.4" (1000mm)	23.5" short	23.5" short	39.4" (1000mm)
WEIGHT w/o access.	28.7 lb (13 kg)	33.8 lb (15.3 kg)	33.5lb (15.2kg)	33.5lb (15.2kg)	64 lb (14 kg) w/pump
MODEL No.	TS132	TS132AB	TS132KIT	TS132ABKIT	TS-132ABV
PART No.	DR0001	DR0002	DR0011	DR0003	DR0037
PART No. - less pump					DR0038

TS-132 Accessories	Part No.
Small Vacuum Pad	150001
Standard Gast Vacuum Pump	150004
Premium Shibuya Vacuum Pump	150005



# TS-162 SHIBUYA Core Drill



Angle Base shown

## TS-162 R1521

**15 Amp  
2 speed  
9" maximum  
bit capacity**



*The Rental core drill  
The Pro's small core drill*



*The only full size core drill machine in the industry that includes a carry case.*



DR0004

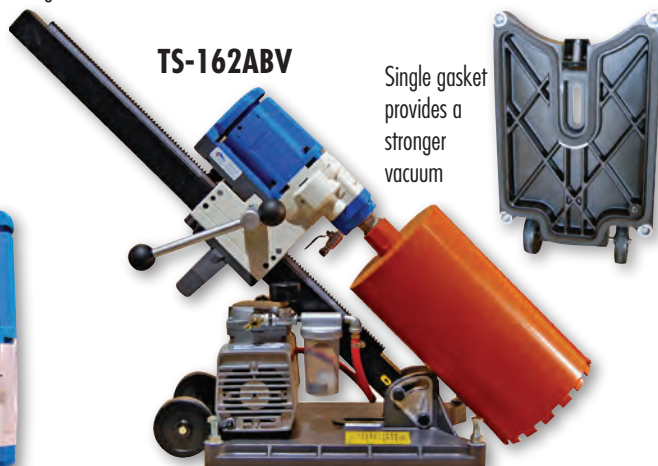
## TS-162 Features:

- 9" bit capacity
- Compact 15 Amp two-speed low noise motor
- Built-in on/off switch with low voltage drop-out and motor overload protection
- Multi-position water swivel inlet for convenience
- Right and left hand feed handle positions
- Carrying handle for easy lifting
- 31.5" column with 19" stroke fixed base or 39.5" angle-base column with 26" stroke
- 5-3/4" wide x 8" long fixed or angle bases with self-cleaning leveling screws and built-in

water collector ring fixture

- Optional removable vacuum pads for versatility
- Slip clutch is adjustable without disassembly
- Roller carriage for smooth and precise drilling
- 2" square hybrid steel and aluminum column for light weight and strength (with anchor base only)
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge, anchor stud with washer, nuts and pouch
- 5" slurry / dust collector ring

## TS-162ABV



Single gasket provides a stronger vacuum

## TS-162ABV Features:

- 10" bit capacity vertical / 8" angle
- TS-162ABV features a 15 amp 2 speed (700/1000) low noise motor
- 39" extruded steel column for strength and precision.
- Angle column standard - up to 45°
- Vacuum pump mounted on base
- Unit stands up with or without bit
- Single gasket system provides stronger vacuum
- Combo base measures 13" x 21" (W x L) with two 4" wheels, four leveling screws and an anchor slot.



**Compact to fit in tight spots!  
This is the perfect drill to fit into  
limited electrical/plumbing access  
areas in hotel rooms, college  
dorms, under shelving, etc.**

## TS-162

## TS-162 15 amps - 2 Speed

## TS-162ABV 15 amps - 2 Speed

BASE STYLE	Without Case		With Case		ANGLE BASE COMBO
	FIXED	ANGLE BASE	FIXED	ANGLE BASE	
MOTOR			R1521		R1521
AMPS/VOLTS			15/115		15/115
RPM (No Load)			700/1000		700/1000
BIT CAPACITY (MAX)			9"		10" Vertical/8" Angle
COLUMN LENGTH	31.5" (800mm)	39.4" (1000mm)	23.5" short	23.5" short	39.4" (1000mm)
WEIGHT w/o access.	30.9 lb (14 kg)	36 lb (16.3 kg)	35.7 lb (16.2 kg)	35.7 lb (16.2kg)	66 lb.
MODEL No.	TS162	TS162AB	TS162KIT	TS162ABKIT	TS-162ABV
PART No.	DR0004	DR0005	DR0012	DR0006	DR0036
PART No. -less pump					DR0039

## TS-162 Accessories

## Part No.

Small Vacuum Pad	150001
Standard Gast Vacuum Pump	150004
Premium Shibuya Vacuum Pump	150005

**Case Drills:** Kit core drills come with a 23.5" column with an 8" extension. Without the extension, the kit core drill will accept up to 10" short core bits. With the extension, standard length (16") core bits can be used.



## TS-252 R1721

**20 Amp  
2 speed  
12"  
max bit  
capacity**



### TS-252 Features:

- 10" standard & 12" bit capacity w/spacer included
- Compact 20 Amp two-speed (450/900) low noise motor
- Built-in on/off switch with motor overload protection
- Multi-position water swivel inlet for convenience
- Right and left hand feed handle positions
- 31" column with 19" stroke fixed base or 39" fixed base or angle-base column with 26" stroke
- 5-3/4" wide x 8" long fixed or angle anchor bases with self-cleaning leveling screws and built-in water collector ring fixture

*The preferred core drill by professionals for everyday drilling, especially on walls. Great for rental when larger bit capacity is needed.*

- Optional removable vacuum pads for versatility
- Slip clutch is adjustable without disassembly
- Roller carriage for smooth and precise drilling
- 2" square light weight extruded steel column for greater strength and tighter tolerances.
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge, anchor stud w/washer and nuts and pouch
- Carrying handle for easy lifting
- 7" slurry / dust collector ring

**E** Runs on 20 Amp / 115 Volts

**Angle Base  
Shown  
DR0009**

Single gasket gives a stronger vacuum



**TS-252ABV  
DR0034**

### TS-252 ABV Features:

- 12" bit capacity -vertical and 10" angle
- 20 amp 2 speed (450/900) low noise motor
- Built-in on/off switch with motor overload protection
- Slip clutch is adjustable without disassembly
- 360° position water swivel inlet for convenience
- Roller carriage for smooth and precise drilling and longer life
- Right and left hand feed handle positions
- Wheels for easy mobility at jobsite
- Extruded steel column for strength and precision.
- Angle column standard up to 45°
- Standard vacuum pump mounted on base
  - Unit stands up with or without bit
  - Single gasket system provides stronger vacuum
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge and anchor stud with washer and nuts
- Combo base measures 13" x 21" (W x L) with two 4" wheels, four leveling screws and an anchor slot.

<b>TS-252</b>	<b>TS-252 20 amps - 2 speed</b>		<b>TS-252ABV 20 amps - 2 speed</b>
<b>BASE STYLE</b>	FIXED	FIXED	ANGLE BASE COMBO
MOTOR		R1721	R1721
AMPS/VOLTS		20/115	20/115
RPM (No Load)		450/900	450/900
BIT CAPACITY (Max.)		12"	12" Vertical/10" Angle
COLUMN LENGTH	31.5" (800mm)	39.4" (1000mm)	39.4" (1000mm)
WEIGHT w/o accessories	40.1 lb (18.2 kg)	43 lb (19.2 kg)	73 lb. w/pump
MODEL No.	TS252	TS252	TS-252ABV
PART No.	<b>DR0007</b>	<b>DR0008</b>	<b>DR0034</b>
PART No. - less pump			<b>DR0035</b>

<b>TS-252 Accessories</b>	<b>Part No.</b>
Large Vacuum Pad - TS252	150002
Standard Gast Vacuum Pump	150004
Premium Shibuya Vacuum	150005
Optional Ceiling Jack	150160
Optional 51" 1 piece column	150609



# TS-353 SHIBUYA Core Drill

**TS-353**  
**R2031**  
**23 Amp**  
**3 Speed**

*The Pro's utility core drill - high production core drill for power (20 Amp breaker)*



**TS-353ABV**

## TS-353 Features:

- 14" bit capacity standard, 16" with included spacer
- TS-353 features powerful 23 Amp 3-speed (380/1000/1700) low noise motor
- Built-in on/off switch
- Multi-position water swivel 360° inlet for convenience
- Right and left hand feed handle positions
- Carrying handle for easy lifting
- 39" column with 24" stroke
- 7" wide x 11" long fixed base with self-cleaning leveling screws or angle base
- Slip clutch is adjustable without disassembly
- Optional removable vacuum pads for versatility
- Roller carriage for smooth and precise drilling
- 2-3/8" x 2-3/8" square extruded steel column for lighter weight, greater strength and tighter tolerances.
- Motor overload protection
- Fixed or Angle base models
- Wheel kit
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge, anchor stud with washer, nuts and pouch

**E** Runs on 23 Amp / 115 Volts

## TS-353 ABV Features:

- 14" bit capacity vertical / 12" angle
- 23 amp 3 speed (380/1000/1700) low noise motor
- Quick release motor mount
- Slip clutch is adjustable without disassembly
- 360° position water swivel inlet for convenience
- Right and left hand feed handle positions
- Wheels for easy moving at job site
- 39" extruded steel column for strength and precision.
- Angle column standard - up to 45°
- Vacuum pump mounted on base
- Single gasket system provides stronger vacuum
- Combo base measures 13" x 21" (W x L) with two 4" wheels, four leveling screws and an anchor slot.



Single gasket gives a stronger vacuum

**TS-353ABV**

12" bit capacity when used at a 45° angle



**On/Off Switch Overload (TS-353)**

**Optional Ceiling Jack 150160**



**Optional Swiveling Extension 150770**



**Optional 39" Column w/19.5" swivel extension kit 150770**



**Optional Extra Large Anchor Base (150998)**



## TS-353

**TS-353**  
**23 amps - 3 Speed**

**TS-353ABV**  
**23 amps - 3 Speed**

BASE STYLE	FIXED	FIXED w/swivel/ext kit	ANGLE BASE COMBO
MOTOR	R2031	R2031	R2031
AMPS/VOLTS	23 / 115	23 / 115	23 / 115
RPM - Standard	380/1000/1700	380/1000/1700	380/1000/1700
BIT CAPACITY	14"-16" (with spacer)	14" Vertical, 12" Angled	14" Vertical, 12" Angled
COLUMN LENGTH	39.4" (1000mm)	39.4" (1000mm)	39.4" (1000mm)
WEIGHT	68.8 lb.	68.8 lb	87 lb.
MODEL No.	TS353	TS353SW	TS-353ABV
PART No.	DR1017	DR1024	DR1047
PART No. -less pump			DR1048

TS-353 Accessories	Part No.
Column Assy (59"one piece)	150766
Column Assy w/swivel/ext. kit - (39"+19.5" two piece)	150770
Ceiling Jack	150160
Angle Base	150025
Extra Large Anchor Base	150998



## TS-402 &

## TS-403

27 Amp

2 & 3 Speed

16" Max.

Standard

w/spacer

included &  
24" Max. with

optional

4" spacer

(150079)



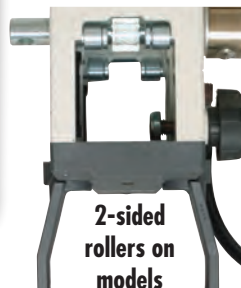
*The Pro's ultimate  
production drill*

**E** Runs on 27 Amp /  
115 Volts

## TS-402 & TS-403 Features:

- 14" bit capacity standard, 16" with included spacer
- TS-402 and TS-403 feature powerful 27 amp 2 speed (300/700) and 3-speed (300/800/1400) low noise motors
- Built-in on/off switch
- Multi-position water swivel 360° inlet for convenience
- Right and left hand feed handle positions
- Carrying handle for easy lifting
- 39" column with 24" stroke
- 7" wide x 11" long fixed base with self-cleaning leveling screws or angle base
- Slip clutch is adjustable without disassembly
- Optional removable vacuum pads for versatility
- Roller carriage for smooth and precise drilling
- 2-3/8" x 2-3/8" square extruded steel column for lighter weight, greater strength and tighter tolerances.
- Motor overload protection
- Fixed or Angle base models
- Wheel kit
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge, anchor stud with washer, nuts and pouch

**Overload  
Protector  
(TS-402/403)**



**2-sided  
rollers on  
models  
TS-402 &  
TS-403**



**Optional  
39" Column  
w/20"  
swivel  
extension kit  
150770**



**Optional  
Ceiling Jack  
150160**



**Optional  
Swiveling  
Extension  
150770**

## TS-402

**27 amps - 2 Speed**

## TS-403

**27 amps - 3 speed**

BASE STYLE	FIXED	FIXED	ANGLE	FIXED w/swivel/ext kit	ANGLE w/swivel/ext kit
MOTOR	R2221			R2231	
AMPS/VOLTS	27 / 115			27 / 115	
RPM - Standard	300/700			300/800/1400	
RPM - Optional				400/1200/2000	
BIT CAPACITY	16" (24"with spacer)			16" (24"with spacer)	
COLUMN LENGTH	39.4" (1000mm)			39.4" (1000mm)	
WEIGHT	68.8 lb.	68.8 lb.	69.9 lb.	68.8 lb.	69.9 lb.
MODEL No.	TS-402	TS403	TS403AB	TS403SW	TS403SW
PART No.	DR1001	DR1003	DR1004	DR1011	DR1012

Accessories	Part No.
Column Assy - (59"one piece)	150766
Column Assy w/swivel/ext. kit - (39"+20" two piece)	150770
Ceiling Jack	150160
Angle Base	150025
Extra Large Anchor Base	150998

### Power Requirements:

**Generator: Watt = Volt X Amp's.** Calculating your wattage needs is a little more complex than simply adding up the rated watts, because the motors require a surge of wattage to get started. If you do not include surge wattage in your calculations, you can under estimate your power output and possibly damage your motor & generator.

**Generator: Minimum - 3,500 watts Recommended (TS-092, TS-132, TS-162 & TS-252) -5,000 watts for 27 amp motors. Use 30 amp generator circuit and 10 gauge extension cord for best performance with 27 amp motors (TS402, TS403, TS503 & TS603).**

# SHIBUYA TS-503 Core Drill

**TS-503**  
**2 & 3 Speed**  
**26" Capacity**  
**with 4"**  
**spacer**



**4-sided  
Roll  
Carriage**

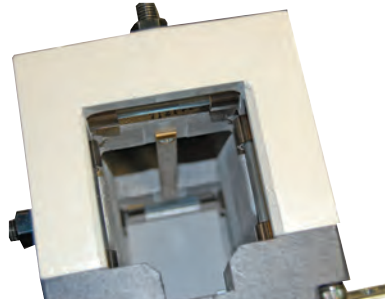
***The Pro's deep  
core drill!***

 Runs on 27 Amp /  
115 Volts

**26" Capacity  
with 4" spacer**

## 4 Sided Rollers!

The machine carriage rides on durable steel rollers as opposed to the friction plates used by other manufacturers. Reduce drag, abrasion and wear on the carriage and column while benefiting from smoother feeds and true position drilling.



**4-sided rollers on  
models**

**TS-503 & TS-603**

## TS-503 Features:

- 18" standard capacity; 26" with optional 4" spacer (150079)
- Powerful 27 Amp three speed (300/800/1400) low noise motors
- 2-7/8" x 43" column with 25.6" stroke with extension of 48.8" and swivel of 41.4"
- 8"W x 12"L fixed anchor base with self-cleaning leveling screws or angle anchor base with wheels
- Slip clutch is adjustable without disassembly
- Multi-position water swivel inlet for convenience
- Right and left hand feed handle positions
- Carrying handles for easy lifting
- 4 - sided roller carriage for smooth, precise drilling
- 2-Carriage gear reduction ratio 2.4 to 1 and 1 to 1
- Positive carriage lock
- Quick release motor spacer
- Built-in on/off switch with motor over-load protection
- Slip clutch is adjustable without disassembly

**Optional  
22.75"  
Extension  
Kit**

**2-7/8"  
Column**



**Optional  
Swiveling  
Extension  
150770**

The swivel extension is used when its not possible to get the drill lined up in tight places and for deep drill alignment. The extension enables the motor to rotate without disengaging the base.

<b>TS-503</b>	<b>TS-503 27-amps - 3 Speed</b>	<b>TS-503 27-amps - 3 Speed</b>
BASE STYLE	FIXED	ANGLE
MOTOR	R2231	R2231
AMPS/VOLTS	27/115	27/115
RPM	300/800/1400	300/800/1400
BIT CAPACITY	18"	18"
COLUMN LENGTH	43" (1100mm)	43" (1100mm)
COLUMN SIZE	2-7/8"	2-7/8"
WEIGHT w/o accessories	113 lb	113 lb
PART No.	<b>DR1009</b>	<b>DR1041</b>

<b>TS-503 Accessories</b>	<b>Part No.</b>
TS-503 Angle Anchor Base only	151632
TS-503 Angle Anchor Base with Column	151530
Extension kit, column - TS-503 (22.75")	150393
Brace Kit, column - TS-503 (can use w/column ext.)	150394
Swivel Kit, column - TS-503/603 (15")	150395

### Power Requirements:

**Generator: Watt = Volt X Amp's.** Calculating your wattage needs is a little more complex than simply adding up the rated watts, because the motors require a surge of wattage to get started. If you do not include surge wattage in your calculations, you can under estimate your power output and possibly damage your motor & generator.

**Generator: Minimum - 3,500 watts Recommended (TS-092, TS-132, TS-162 & TS-252) -5,000 watts for 27 amp motors. Use 30 amp generator circuit and 10 gauge extension cord for best performance with 27 amp motors (TS402, TS403, TS503 & TS603).**



# TS-603 SHIBUYA Core Drills

**TS-603**  
**3 Speed**  
**34"**  
**Capacity**  
**with 4"**  
**Spacer**



*The Pro's  
hydraulic  
alternative!*

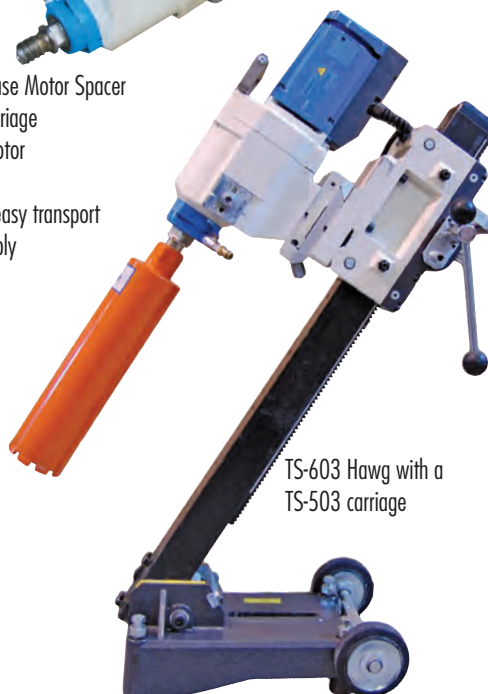


**HAWG**

*TS-603 - The "HAWG"  
The most powerful  
27 Amp/115 volt core  
drill on the market.*



Quick Release Motor Spacer  
2-7/8" carriage  
27 Amp Motor  
5" Spacer  
Allows for easy transport  
and assembly



TS-603 Hawg with a  
TS-503 carriage

## TS-603 **HAWG** Features:

- 26" standard bit capacity — 34" with optional 4" spacer (150079)
- Powerful 27 amp three-speed(150/300/600) low noise motors
- Extra large 9" wide x 16" long x 4" thick anchor base with self-cleaning leveling screws
- 2-7/8" x 43" column with 26.3" stroke with extension 49.5" stroke and swivel of 41.9" stroke
- Multi-position water swivel inlet for convenience
- Right and left hand feed handle positions
- Carrying handles for easy lifting
- 4 — sided roller carriage for smooth, precise drilling
- 2-Carriage gear reduction ratio 2.4 to 1 and 1 to 1
- Positive carriage lock
- Built-in on/off switch with motor over-load protection
- Slip clutch is adjustable without disassembly

## 4 Sided Rollers!

The machine carriage rides on durable steel rollers as opposed to the friction plates used by other manufacturers. Reduce drag, abrasion and wear on the carriage and column while benefiting from smoother feeds and true position drilling.



4-sided rollers on  
models  
TS-503 & TS-603



TS-603 drilling with a 36" bit at a water treatment plant.

## TS-603 **HAWG**

**27amps - 3 speed**

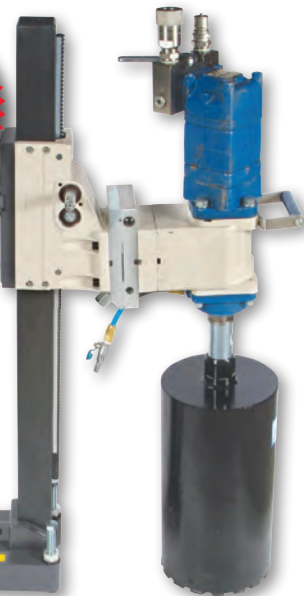
BASE STYLE — Large	FIXED ANCHOR
MOTOR	R2531
AMPS/VOLTS	27/115
RPM	150/300/600
Standard BIT CAPACITY	26"
COLUMN LENGTH	43" (1100mm)
COLUMN SIZE	2-7/8"
WEIGHT	138 lb
PART No.	<b>DR1010</b>

## TS-603 Accessories

## Part No.

Extension kit, column - TS603 (22.75")	150393
Brace Kit, column - TS-603 (can use w/column ext.)	150394
Swivel Kit, column - TS-603 (15")	150395

# SHIBUYA Hydraulic Core Drills / Hycon Hydraulic Hand Core Drill



DITEQ expands its substantial line of Shibuya core drills with hydraulic core drill motors that come in four speeds and can drill up to 32" diameter holes.

These compact motors deliver reliable power to perform over a broad range of professional applications. Designed to work with the Shibuya hydraulic power pack, these units are part of an integrated system with the industry's most extensive line of accessories.

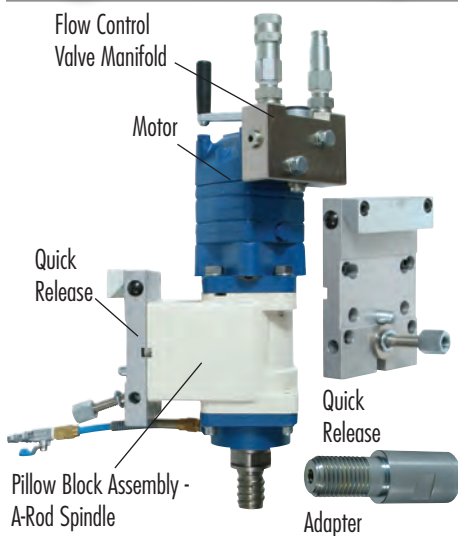
## Hydraulic Drill Features:

- Powerful compact motor
- Highly efficient power unit
- Relief valve for added protection
- Fine incremental control of power
- Spindle thread A-rod

## Hydraulic Core Drill Rigs

Motor	OMS80	OMS160	OMS250	OMS400
Displacement	80cc	160cc	250cc	400cc
RPM	500 at 10 gpm	250 at 10 gpm	160 at 10 gpm	100 at 10 gpm
Max. Bit Cap.	8"	16"	24"	32"
Column Size	2-3/8"	2-7/8"	2-7/8"	2-7/8"
Column Length	39.4"	43"	43"	43"
Model No.	TS-420H	TS-540H	TS-660H	TS-680H
Part No.	DR1026	DR1027	DR1028	DR1029

All Shibuya hydraulic motors are complete with spindle unit and flow control valve manifold. Spindle thread is A-rod and every hydraulic motor comes with 2 A-rod adaptor female to 1-1/4"-7 male thread adaptor. Quick release shown is not included



## Hydraulic Motor Assemblies

MOTOR	Danfoss OMS80	Danfoss OMS160	Danfoss OMS250	Danfoss OMS400
Displacement	80cc	160cc	250cc	400cc
RPM'S	500 at 10 GPM	250 at 10 GPM	160 at 10 GPM	100 at 10 GPM
Bit Diameter	8"	16"	24"	32"
<b>PART No.</b>	<b>151271</b>	<b>151272</b>	<b>151273</b>	<b>151274</b>

Assemblies include motor spindle, flow control, adapter plate and disconnect. Hydraulic motors only are also available.

## Hydraulic Hose

Diameter	5/8"
Length	30'
Fittings	Flush Face
PSI	3000
<b>Part No.</b>	<b>151277*</b>

\*set of 2



## Hydraulic Motor Accessories

Part No.	
Adapter -1-1/4" male - A-rod female	151276
Quick Release	150039
Flow Control Valve Manifold	151269
Pillow Block Assembly - A-rod Spindle	151270
Hydraulic Hose 30' x 5/8" set of 2	151277

## Hand Core Drill Features and Benefits:

Light, compact and quiet design permits easy handling. Ideal for use in confined or hard to reach places when scaffolding or a lift is used. Power pack can then be left on the floor.

Permits safe, easy, non-percussive drilling through concrete and aggregates with or without reinforcing.

Neat, clean and damage-free holes are the result of superior power, speed and hydraulic action.

Very versatile - Can even be used underwater.

Minimal maintenance and easy parts replacement.



## Hydraulic Hand Core Drill Rigs

Motor	HHCD104	HHCD214
Max. RPM	1500 @ 5 gpm 2400 at 8 gpm	600 at 5 gpm 950 at 8 gpm
Bit Capacity	1-4"	2-14"
Bit Thread	1-1/4"-7 UNC	1-1/4"-7 UNC
Speed	Variable	Variable
Weight	17 lb.	17 lb.
<b>Part No.</b>	<b>DR2026</b>	<b>DR2027</b>

Requires minimum of 5-8 gpm @ 1500-2500 psi. Includes hose whips

## Accessories

Part No.	
Adapter -1/2" Gas to 5/8"-11	150329
Adapter -1/2" Gas to 1-1/4"-7	150052
Adapter kit/Squeeze clamp	150342
Stand, Fixed Base, column & carriage	150340
Stand, Angle Base, column & carriage	150341
ABV Stand w pump	151774
ABV Stand without pump	152020



## Hydraulic Power Packs / Auto Feed



Hydraulic Hoses	Part No.
1/2"OD x 50 ft long	151859
1/2" OD x 25 ft long	151867

Flow Divider	Part No.
Hydraulic Flow Divider*	140746
*Input - do not exceed 21 GPM, Output set at 5, 8 or 10 GPM depending on the orifice used - all 3 provided	

### Gas and Dual Output HydraPak

#### Features and Benefits:

Compact, lightweight hydraulic power source  
Several models have variable flow and pressure settings  
Cart-mounted with large 16 inch pneumatic tires  
Low noise level. Much quieter than an air compressor.  
Easy maintenance and parts replacement.  
Controls easily accessible for safety and comfort.  
Electric start and low oil shutdown on all models.

Powder-coated tubular steel frame protects unit from damage.  
Lifting eye and detachable handles for easy transporting and storage.  
6 gallon oil reservoir and heavy duty 8 tube heat exchanger are standard on most models  
Dual output HydraPaks can power two tools simultaneously.

### Hydraulic Power HydraPaks

Model No.	16 HP Gas	23 HP Gas	35 HP Gas	15 HP Electric
Engine/Motor	B & S Vanguard	B & S Vanguard	B & S Vanguard	480V 3PH, 60 Hz
Power	5 or 8 gpm@2000-2500 psi	0-12 gpm@1750/2000/2500 psi	Dual 0-12 gpm@2250	0-12 gpm@1750/2000/2500 psi
Weight	226 lb.	280 lb.	436 lb.	280 lb.
PART No.	P00008	P00001	P00015	P00002

Other models available.

Hydraulic flow divider P/N 140746 \$806 (E) (Input - do not exceed 21 GPM, Output set at 5, 8 or 10 GPM depending on the orifice used - all 3 provided)

### IMPROVED!

### Auto Feed Maximizes Production!

The Auto Feed system for Shibuya core drills pays for itself quickly with the time savings it delivers.

- Operate more than one core drill at a time.
  - Drill multiple holes in a fraction of the time.
  - Achieve better bit life through more consistent in-feed pressure.
  - Avoid wasting time dealing with thrown circuit breakers.
- Auto Feed senses the amps being pulled and adjusts speed and amps to prevent thrown breakers.

Auto feed sensors automatically shuts off the core drill when:

- The bit starts free-wheeling
- The bit gets stuck.
- The bit reaches a pre-determined depth

The Auto Feed system gives your operator unsurpassed control of:

- Forward and reverse
- Infeed pressure
- Cutting depth



Auto Feed shown on TS-252



top view

### Auto-Feed

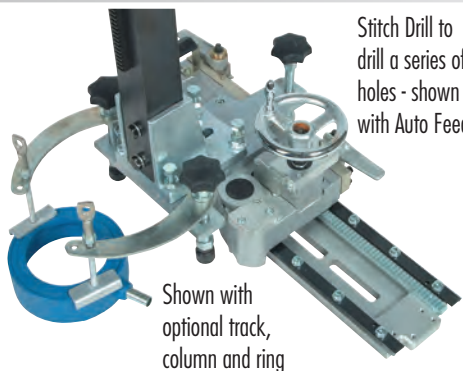
Adapts to models: TS-132, TS-162, TS-252, TS-353, TS-402, TS-403, TS-503, TS-603

### Auto Feed

	Part No.
Auto-Feed - AFS-V 115V*	152021
Auto-Feed - AFS-V 220V*	152022
Remote Feed System - TS-503/603 115V	151290
Adapter Kit - TS-252	150320
Adapter Kit Left - TS-132/162	150321
Adapter Kit Right - TS-132/162	150322
Depth Stop Clamp	150477
Quick Pin Fed Handle	150142

\* Does not include the stop clamp P/N 150477

# Core Drill Motors / Accessories



Stitch Drill to drill a series of holes - shown with Auto Feed

Shown with optional track, column and ring

Stitch Drill and Accessories	Part No.
Stitch Drill Cradle - TS402/403	150722
Wall Mount	150323
Track - 600 mm/23.6"	150405
Track - 1200mm/47.24"	150406

150323  
4"-8"  
Capacity



R1721

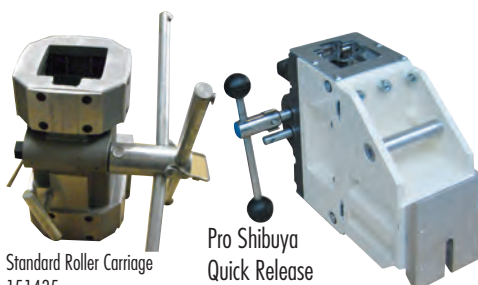


R2221

Motors	Part No.
R1721 115V 20A 450/900 RPM	150027
R2031 115V 23A 380/1000/1700 RPM	151053
R2221 115V 27A 300/700 RPM	150028
R2231 115V 27A 300/800/1400 RPM	150029
R2531 115V 27A 150/300/600 RPM	150336
R2231 220V 13A 300/800/1400 RPM	150330
R2531 220V 13A 150/300/600 RPM (HAWG)	150473

Motor Adapter Kits	Part No.
Adapter Plate Kit for most competitors 2-7/8" carriages for Shibuya motors	150311
Adapter Kit - 2-7/8" rig x R17 motor (20A)	150869

Adapter Plate 150311



Standard Roller Carriage 151435

Pro Shibuya Quick Release Roller Carriage

Clutch/ Gear Clamps	Fits Motors	Part No.
Clutch Pin	All R	150048
Socket, Clutch	R	150051
Gear Clamp	R17/R22/R25	150054
Gear Clamp	R15	150055
Gear Clamp	RH1531	150506



Clutch pin 150048

Carriages	Fits Models	Bit Size	Part No.
Standard 2-7/8" Roller Carriage			151435
Pro 2-7/8" Roller Carriage Assy w/quick release motor mount	TS503	18"	150381
Pro 2-7/8" Roller Carriage Assy w/quick release motor mount	TS603	26"	150382

Switch 150122

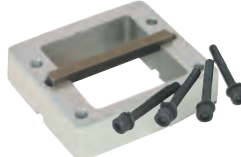


Switches and Circuit Protectors	Part No.
Switch/Circuit Protector - R10 motors 115V	150486
Trigger Switch - RH 1531 115V hand drill	150442
Circuit Protector - RH 1531 115V hand drill	150447
Rocker Switch - RH15 hand-held/rig mode change 115V	150450
Switch/Circuit Protector - R15 Motors & RH15 rig mode	150120
Switch/Circuit Protector - R17 motor 115V TS-252	150121
Switch - R22/R25 motors 115V TS-402/403	150122
Switch/Circuit Protector - R22/R25 motors 220V	150478
Circuit Protector - R22/R25 motors 115V TS402/403	150124
Switch/circuit protector - R20 115V TS-353	151100
1721 Special 19 Amp	150721

Spacer kit 150079



Spacer Kit 150312



Quick Release

Motor Mount	Fits Models	Part No.
Quick Release	TS402/403/503/603	150039
Quick Release	R1721 / TS252	150310

Spacers	Part No.
4" Spacer Kit- TS-402/403/503/603	150079
1-1/4" Spacer Kit - TS402/403	150312
1-1/4" Spacer Kit - TS252	150514

Carbon Brushes	Part No.
Carbon Brush - RH15/R15/R17/R20 motors 115V*	151668
Carbon Brush - R22/R25 motors 120V*	151669
Carbon Brush - R15/17/22 motors 220V*	150416
Carbon Brush - R10 motors 115V*	150485
*2 Required	





# Core Drill Accessories / Vac Pads / Slurry Rings



Vacuum Pumps	Part No.
Standard Gast Vacuum Pump	150004
Premium Shibuya Vacuum Pump w/tank	150005
Jar, vacuum pump	150539
Ball, vacuum pump	150540



Step Vacuum  
150874  
RH1531/1532;  
TS-092/132/162



Extra Small  
150159  
RH1531/1532;  
TS-092/132/162



Small Standard  
150001  
RH1531/1532;  
TS-132/162



Large Standard  
150002  
TS-252



Extra Large Standard  
150003  
TS-353/402/403



Small Twin Pad  
150036  
- for pipes 10" to 18" in diameter



Twin Pipe Pad for drilling concrete pipes

Description	Models	L X W	Part No.
Step Vac Pad	RH1531/1532, TS-092/132/162	10-1/2" x 8"	150874
Extra Small Vac Pad	R1531/1532, TS-092/132/162	10" x 10"	150159
Small Std Vac Pad	RH1531/1532, TS-132/162	11-1/4" x 11-7/8"	150001
Large Standard Vac Pad	TS-252	13.5" x 15"	150002
Extra Large Standard Vac Pad	TS-353/402/403	15" x 15"	150003
Small Twin / Pipe Pad			150036



Gaskets	Part No.
Gasket - X-small Pads / Small Twin Pad	150570
Gasket - Small Pads	150215
Gasket - Large Pads	150216
Gasket - X-Large Pads	150409
Gasket - Large Twin Pads	150571
Gasket - Combo pad	151802

Slurry Rings	Part No.
8" Slurry Ring	150012
10" Slurry Ring	150013
12" Slurry Ring	150014
14" Slurry Ring	150015

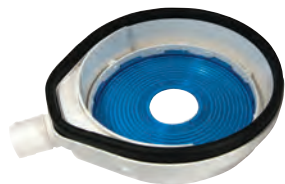


Slurry Ring Fixture	Part No.
Fixture - TS-252 (4"-10")*	150020
Fixture - TS-402/403 (14"-18")*	150023
Use with slurry rings at left * Bit size	

# WCR Slurry Rings/Accessories



7" WCR Slurry Ring



5" WCR Slurry/Dust Ring



Removable  
Diffuser  
Inner Ring  
Gasket

## WCR Slurry / Dust Ring

- Prevents splash, leakage and overflow of concrete slurry
- Captures slurry during drilling which saves time - little cleaning is necessary after hole is drilled
- Works on smooth, rough, or inclined wall or floor surfaces
- Large drainage port for smooth drainage
- Port has a swivel joint to rotate 360° to prevent hose from kinking and for working in close quarters
- Available in two sizes - 5" and 7"
- 5" WCR Slurry / Dust ring has a special patented diffuser inner ring configuration that allows it to be used wet or dry on floors or walls



Water Tanks	Capacity	Part No.
Shibuya Aluminum Super Premium manual pump	3.5 gal	150006
Standard Steel manual pump	3.5 gal	151055



BitBuddie translucent rubber dust shrouds are designed to be used with the Wet +Dry DustlessVac and can be used for capturing dust and slurry when drilling or sawing with a variety of tools. Held in place by vacuum suction - no clamps or braces are required.

BitBuddie	Part No.
1-3/8" dia. bits w/hose	160220
1" to 4" dia. bits (round) w/hose	160979
2-8" dia. bits (round)	161625



## Subaru Generators

Subaru generators are designed for exceptional performance in the most rigorous applications of the construction and industrial users, and remain the top choice among professionals. With a full range of power from 1,100 to 13,000 watts, Subaru has a portable generator for your application. The portable generators have numerous standard features including GFCI receptacles, low oil shutdown and high surge capacity.

### Subaru Generators Multi-Duty Industrial Gensets

Description	Part No.
Genset, RGX6500	150459
Genset, RGX6500E*	150460
RGX 7500	150461
RGX 75000E*	150462
Genset, RGV12100*	150463

\*w/o Battery

Full line of Subaru generators is available. Call for details.

## Customized Cover Plate

- Score the groove on the cover plate to the desired diameter to fit the bit
- Peel away the unneeded cover plate with a pair of pliers. Now the cover plate is customized to fit your selected bit size.

Description	5" Part No.	7" Part No.
WCR Slurry / Dust Ring	151291	151287
Cover Plate Slurry Ring	151292	151288
Gasket Slurry Ring	151293	151289



## Subaru Water Pumps

**Centrifugal** pumps deliver liquid at uniform pressure without shocks or pulsations. Having only one easy-to-replace wearing part (a seal), these construction pumps are easy to maintain, requiring no lubrication, gears, pistons or diaphragms. The simplicity, compactness and economical design make them ideal for a wide variety of general applications.

**High-pressure** pumps for applications that require moving water over extended distances or heights. A large diameter impeller with shallow vanes allows the pump to attain higher pressures and greater discharge heights.

**Trash** pumps for applications where large solids and debris are encountered. Deep impeller vanes and a large volute discharge opening can pass suspended sticks, stones and debris without clogging the pump or harming its components.



## Subaru Water Pumps

Description	Part No.
Pump, 1" Centrifugal PKV110	110011
Pump, 2" Centrifugal PKX210	110012
Pump, 2" Trash PKX201T	110017
Pump, 2" High Pressure PKX201H	110021



# Core Drill Accessories / Bases / Column Options

## See the Difference!

Competitions  
rough surface,  
bent welded and  
ground down  
Travel rack  
non-replaceable



*Our columns are extruded steel instead of formed and welded. The result is a more rigid smooth true column that delivers more precise drilling over a longer life of the product.*

### SHIBUYA Core Drills are the Most Versatile Drills on the Market. Features include:

- Short columns for tight work spaces
- Long columns for deep drilling
- Column extensions for added versatility
- Swiveling column extension for rotating motor
- Replaceable rack to save money
- Standard water ring clamps for added convenience
- Fixed and angled bases for added versatility
- Light weight extruded steel columns for easier transport and set up
- Built-in depth guides for better control
- Rigid extruded steel columns for more true drilling
- 2-7/8" columns are compatible with other drills
- One-man operation and set up due to light weight and roller carriage design



150411



Base complete  
includes accessory  
parts. Angle base  
150305 shown.

Width	Fits Models	Fixed Base	Angle Base
1-5/8"	TS-092	-	151318
2"	TS-132/162	150467	150305
2"	TS-252	150411	150305
2-3/8"	TS-353/402/403	150214	150025

Optional  
39" Column  
w/19.5" swivel  
extension kit  
150770 shown  
on a TS-403  
DRT012



**Optional  
Columns\***

Optional  
Ceiling Jack  
150160



Optional  
Swiveling  
Extension  
150770

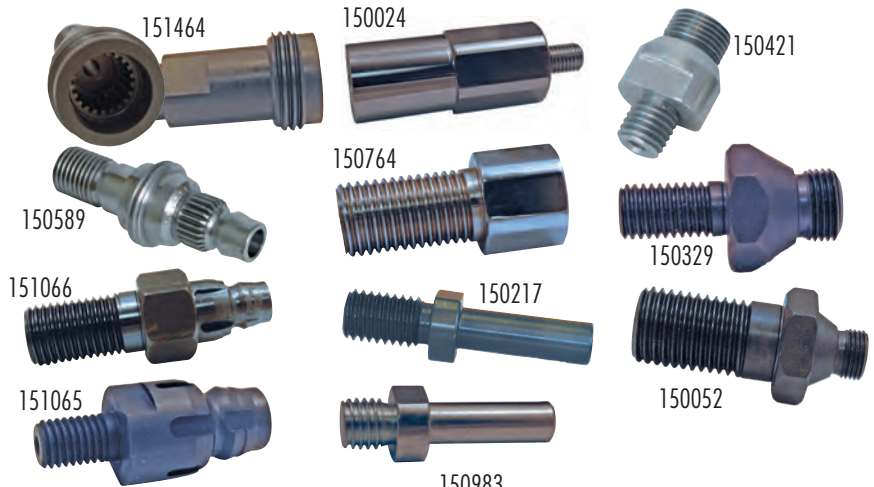


Optional Columns*		Fits Models	
		FB - Fixed Base	
		AB - Angle Base	
Column Length	Width		Part No.
31" / 800mm	1-5/8"	TS-092 AB	150573
31" / 800mm	2"	TS-162 FB	150353
31" / 800mm	2"	TS-252 FB	150412
51" / 1300mm	2"	TS132 FB	150609
51" / 1300mm	2"	TS-162 FB	150609
51" / 1300mm	2"	TS-252 FB	150609
59" / 1500mm	2-3/8"	TS-353 FB & AB	150766
39" + 19.5" Swivel Top	2-3/8"	TS-353 FB & AB	150770
59" / 1500mm	2-3/8"	TS-402 FB & AB	150766
39" + 19.5" Swivel Top	2-3/8"	TS-402 FB & AB	150770
59" / 1500mm	2-3/8"	TS-403 FB & AB	150766
39" + 19.5" Swivel Top	2-3/8"	TS-403 FB & AB	150770
78.5" / 2000mm	2-7/8"	TS-503 FB & AB	150975
15" / 380mm Swivel top	2-7/8"	TS-503 FB & AB	150393
22.75" / 580 mm Extension	2-7/8"	TS-503 FB & AB	150395
78.5" / 2000mm	2-7/8"	TS-603 FB & AB	150975
15" / 380mm Swivel top	2-7/8"	TS-603 FB & AB	150393
22.75" / 580 mm Extension	2-7/8"	TS-603 FB & AB	150395

\* refer to model product  
charts for standard column  
specs

# Core Drill Accessories / Adapters / Extensions / Tools / Anchors

Threaded Adapters	Part No.
Hilti Adapter, DD160-200-250-350- x 1-1/4" -7	151464
Hilti Adapter, (spline x 1-1/4"-7M)	150589
Hilti Adapter, DD100 (Slots x 1-1/4"-7M)	151066
Hilti Adapter, DD100 (Slots x 5/8")	151065
Adapter 1-1/4"-7F to 5/8"-11 M	150024
Adapter 5/8"-11 F to 1-1/4"-7 M	150764
3/8" shank, 5/8"-11M	150217
1/2" shank, 5/8"-11M	150983
1/2 Gas Thread x 5/8" 11 short	150421
1/2 Gas Thread x 5/8" 11 long	150329
1/2" Gas Thread x 1-1/4"-7 M	150052



Extensions	Part No.
5/8"-11 x 12" L	150509
5/8"-11 x 6" L	150547
1-1/4"-7 x 6" L	150161
1-1/4"-7 x 12" L	150043
1-1/4"-7 x 24" L	150890
1-1/4"-7 x 36" L	151664

## Rotary Dry Core Bit Adapter

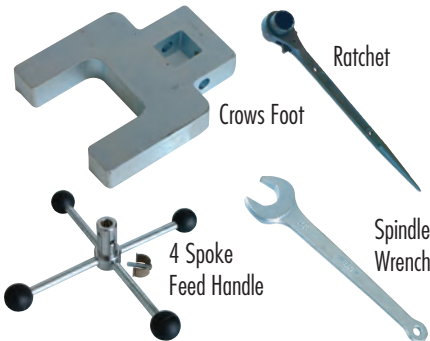


Adapters	Part No.
SDS Max to SDS Plus Chuck	151617
SDS Max to 5/8-11M Rotary adapter	151623
SDS Plus to 5/8-11 Rotary Adapter	151670

## Carbide SDS Max Drill Bits

Size/Description	Usable Length	Part No.
1/2" x 13"	8"	150905
5/8" x 13"	8"	150906
7/8" x 13"	8"	150907

Numerous bits are available in a variety of specs for SDS Plus and SDS Max Hammer Drills. Many bits are available in bulk packs or individual display packages. Call for info.



Tools/Miscellaneous	Fits Motors	Part No.
Crows Foot - 36mm	R17/R22/R25	150049
Crows Foot - 32mm	R15	150050
4 Spoke Feed Handle	TS-252/353/402/403/503/603	150758
Ratchet - 19/21mm	TS402/403/503/603	150537
Ratchet - 17/19mm	TS252	150877
Spindle Wrench, 36mm	R17/R22	150513
Spindle Wrench, 32mm	R15/R15	150535



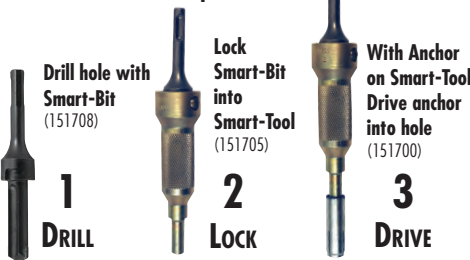
Diamond Bit Accessories	Part No.
Core Removal Lasso	150351
Washer, Copper 1-1/4"-7 core bit	150653
Washer, Plastic 1-1/4"-7 core bit	150654



## Steel Smart Drop-in Anchors and Tools

Smart DI+ anchors can be used in solid concrete, hard stone, and solid block base materials. They are faster and easier to install than conventional anchors and can be used in anchoring core drilling and wall sawing equipment, suspending conduit, concrete form work, pipe supports, cable trays and struts and more. Carbide drill bits should be 1/8" or next size larger than the drop-in anchor size. Available in single units, boxes, cartons or pallets.

### Powers' Smart DI+ Anchors set in seconds in three steps:



Smart-Bit has twist and lock channels that are gripped by posts inside the Smart-Tool



P/N 151617

Pro Fastnut and Washer	Part No.
Pro Fastnut - 1/2" - 13	150327
Heavy Square Washer - 1/2"	150615

P/N 151700



Smart DI+ Drop-in are all steel, internally threaded expansion anchors that are color coded to indicate when they are properly set. When properly set, the anchor indicator will leave blue paint in recessed cavities as shown above.

### Steel Smart Drop-In Anchor System

Size	Part No.
Smart-Bit for 5/8" SDS	151708
Smart-Tool setting tool for 1/2" Drop-in Anchors	151705
Hammer Bit, 5/8" x 13" SDS Max	150906
Hammer Bit 3/16" x 6 1/4 SDS	151578
Adapter SDS Max to SDS Plus	151617
Setting Tool for 1/2" drop in anchors	150887
Smart Drop-in 1/2" - 13 Anchors	151700
Smart Drop-in 5/8" - 11 Anchors	151701

One free Setting Tool a 100 piece or more order.

Other sizes and types of anchors available

Smart anchor installation requires an SDS Plus bit. Use this adapter (P/N 151617) to convert from an SDS Max adapter to a SDS Plus adapter. An added benefit of using the 151617 adapter is that SDS Plus bits are generally less expensive than SDS Max bits.

The 151617 adapter also allows you to use a larger hammer drill with an SDS Plus bit to set Tapcon fasteners. Use a 3/16" bit for the 1/4" Tapcon fasteners (P/N 151578 not shown).



# Wet Diamond Core Bits

## WET DIAMOND CORE BITS

AGGREGATE	C-50AXP								
	C-41AX	C-42AX	BRUTE	C-62AX	C-53	C-52	C-51	C-43	C-32
SOFT	●		●		●	●		●	●
MEDIUM	●	●	●	●	●	●	●	●	●
HARD	●	●	●	●		●	●		●



2" to 6"

Diamond Depth .354"  
Segment Height .443"

7"+

Diamond Depth .354"  
Segment Height .354"

### C-62AX WET Core Bit

★★★★★PRO VI

For faster cutting of heavy steel, hard aggregates, river gravel, granite quartz and similar material.

ARIX™ technology gives you maximum productivity with the lowest possible cost per inch/foot cut. Diamonds are individually placed in strategic positions to maximize cutting performance.

2" to 6" diameter bits have laser welded segments  
7" and above diameter bits have brazed segments.

C62AX		C62AX	
Diameter	Part No.	Diameter	Part No.
2"	D34101	5 1/2"	D34111
2 1/4"	D34102	6"	D34112
2 1/2"	D34103	6 1/4"	D34113
2 3/4"	D34104	6 1/2"	D34114
3"	D34105	7"	D34115
3 1/2"	D34106	8"	D34116
4"	D34107	9"	D34117
4 1/4"	D34108	10"	D34118
4 1/2"	D34109	12"	D34119
5"	D34110	14"	D34120

Other sizes available upon request

**NEW!**



ARIX™ Advanced 3D Diamond Distribution  
Radical New Bond Formulas

THREE GENERATIONS BEYOND

### C-50AXP WET Core Bit

★★★★★PRO VI

DITEQ's new BRUTE C-50AXP bits feature high pointed turbo segments with ARIX G3 technology for the fastest speed and longest life available.

### C-50AXP BRUTE G3

#### Core Bits

★★★★★PRO V *Fast Speed with Good Life*

Diameter	Part No.
2"	D34301
2-1/4"	D34302
2-1/2"	D34303
2-3/4"	D34304
3"	D34305
3-1/2"	D34306
4"	D34307
4-1/4"	D34308
4-1/2"	D34309
5"	D34310
5-1/2"	D34311
6"	D34312
8"	D34316
10"	D34318
12"	D34319
14" x .250"	D34320



12mm/.50" seg height  
1-1/4" - 7 Thread

# Wet Core Bits



## C51 / C52 Segmented Double Pointed

★★★★★ PRO V

### For Hard Aggregate and Heavy Steel

**Fast & Aggressive drilling** — The double-pointed segments provide incredibly fast drilling speeds.

**Fast seating with reduced vibration** — The double-pointed tips penetrate quickly, and hold a straight drilling path to reduce side drag. Reduced vibration improves drilling efficiency and bit life.

**Improved cooling and slurry removal** — The double-pointed segments increases water flow to reduce heat and removed slurry more efficiently.

**Specially formulated segments** — Pro V bits contain high concentrations of quality diamonds combined with a special blend of metal powders to deliver maximum performance with lowest drilling costs.

The C51 bits have more widely space segments for faster cutting speeds.



1" - 1-3/4" are crown

1" - 6" are laser welded  
6-1/4" > are brazed  
16" and above standard with spoke back

Solid or welded backs and special barrel lengths are available upon request

1" - 1-1/2" are 5/8"-11

1-5/8" and above are 1-1/4"-7 thread

## C51 / C52 Segmented Double Pointed

★★★★★ PRO V

C51			C52		
Diameter	Part No.	Part No.	Diameter	Part No.	Part No.
1"		D32321	6"	D36115	D32215
1-1/8"		D32322	6-1/4"	D36116	D32216
1-1/4"		D32323	6 1/2"	D36117	D32217
1-3/8"		D32324	7"	D36118	D32218
1-1/2"		D32325	7-1/2"		D32291
1-5/8"		D32326	8"	D36119	D32219
1-3/4"		D32327	8-1/2"		D32292
1-7/8"		D32328	9"	D36120	D32220
2"	D36101	D32201	10"	D36121	D32221
2-1/4"	D36102	D32202	11"		D32230
2 1/2"	D36103	D32203	12"	D36122	D32222
2-3/4"	D36104	D32204	13"	D36132	D32240
3"	D36105	D32205	14"	D36123	D32223
3-1/4"	D36106	D32285	16"	D36124	D32232
3 1/2"	D36107	D32207	18"	D36125	D32233
4"	D36108	D32208	20"	D36126	D32234
4-1/4"	D36109	D32209	24"	D36136	D32235
4-1/4"x20"L		D33467	26"	D36163	D32231
4 1/2"	D36110	D32210	30"		D32238
5"	D36112	D32212	36"		D33417
5 1/2"	D36113	D32213			

### Wet Bit Specifications

Bit Diameter	Core Travel
1" - 14"	14"
16" - 17"	20"
18" - 19"	22"
20" - 31"	24"
32" +	36"

## C52 Threaded Double Pointed Core Bits

★★★★★ PRO V

DITEQ has combined the features of the C52 bit with threaded tubing for the most versatile bit in the industry.

Tubing is 12" long so the bit can be customized to match job demands.

All caps are 1-1/4"-7th thread



1" - 1-3/4" are crown

1" - 6" are laser welded

## C-52 Threaded Core Bits ★★★★★ PRO V

Fast Speed with Good Life

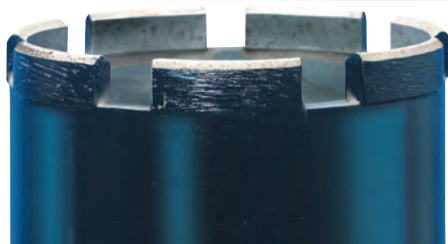
Diameter	Threaded Crown Part No.	Threaded Cap Part No.	Threaded 12" Tubing Part No.
1"	D34861	C101034	T101013
1-1/8"	D34865	C101035	T101014
1-1/4"	D34862	C101036	T101015
1-1/2"	D34863	C101037	T101016
1-3/4"	D34866	C101038	T101017
2"	D34864	C101040	T101019
2-1/4"	D34867	C101041	T101020
2-1/2"	D34805	C101042	T101021
3"	D34806	C101043	T101022
3-1/2"	D34807	C101515	T101507
4"	D34808	C101045	T101024
4-1/4"	D34868	C101046	T101025
4-1/2"	D34869	C101047	T101023
5"	D34809	C101048	T101026
5-1/2"	D34870	C101050	T101027
6"	D34810	C101051	T101028

1" - 1-3/4" are crown

1" - 6" are laser welded

All cap sizes are 1-1/4"-7 thread





## C32 Segmented/ Pointed Brazed

★★★ PRO III

Preferred by the professionals! The pointed segments feature the highest diamond concentration and slice through the toughest applications with blazing speed and remarkable life. Cut through the heaviest steel reinforcing without glazing over or dulling. The pointed segments seat quickly and cut with less wandering and vibration.

Discover why the C32 is the professional's choice.

3/8"-1-3/4" are C32 crown  
1"-1-1/2" are 5/8"-11 thread  
1-5/8" and up are 1-1/4"-7 thread

## C32 Segmented/Pointed Brazed

★★★ PRO III

Diameter	Part No.
3/8"	D32041
1/2"	D32042
5/8"	D32043
3/4"	D32044
7/8"	D32045
1"	D32046
1 1/8"	D32047
1 1/4"	D32048
1 3/8"	D32049
1 1/2"	D32050
1 5/8"	D32051
1 3/4"	D32052
1 7/8"	D32053

## C43 PRO IV ★★★★★ C53 Pro V ★★★★★ Segmented/Prestressed, Concrete & Asphalt

Same high quality segments as used on the C32 and C52 bits, but with more segments per bit spaced closer together for longer life in asphalt and abrasive materials and less chance of hang-up on prestressed cable, loose rebar, and wire mesh, where these conditions create a problem for bits with wider spaces between segments.



8 mm/.315"  
segment height  
1-1/4"-7 thread

Brazed



## C43/C53 Segmented/ Prestressed Concrete & Asphalt

	C43 ★★★★ PRO IV	C53 ★★★★★ PRO V
Diameter		
2"	D32124	D33143
2-1/4"	D32125	
2-1/2"	D32126	
3"	D32128	D33144
3-1/2"	D32130	
4"	D32131	D33164
4-1/4"	D32132	D33173
4-1/2"	D32133	
5"	D32135	
5-1/2"	D32136	
6"	D32138	
6-1/4"	D32139	
6-1/2"	D32140	
7"	D32141	
8"	D32142	
10"	D32144	



Laser Welded  
2" - 6"  
6"+ brazed

1-1/4"-7 thread for rig  
mounted drills or hand drills.  
Bits have 9" usable length.

## C41 ARIX G3 Pro Wet Short Bit ★★★★ Pro IV

C41 ARIX G3 wet bits for use on soft to medium concrete with light to medium rebar. The Pro 9" dry bits with 1-1/4"-7 thread are designed to be used on conventional core drill.

ARIX G3 technology provides the ultimate in both faster cutting and longer life with advanced multi-layered precise distribution of diamond particles.

2" thru 6" are laser welded while above 6" are brazed and are to be used wet. Great for hand drilling and low hp drills.

## C-41AX G3 Pro Wet Short Bit ★★★★ Pro IV

Diameter	Part No.
2"	D30508
2-1/4"	D30509
2-1/2"	D30510
3"	D30511
3-1/2"	D30512
4"	D30513
4-1/2"	D30514
5"	D30515
6"	D30516
7"	D30517
8"	D30518
9"	D30519
1-1/4"-7 Thread and 9" usable length	

# Dry Core Bits



## G3



**Laser Welded**  
2" - 6"  
6"+ brazed

1-1/4"-7 thread for rig mounted drills or hand drills. Bits are 14" long.

## C42 ARIX G3 Wet/Dry Bit

★★★★ Pro IV

C42 ARIX G3 dry bits for use on soft to medium concrete with light to medium rebar. The Pro 14" dry bits with 1-1/4"-7 thread are designed to be used on conventional core drill. Works with dust extractors.

ARIX G3 technology provides the ultimate in both faster cutting and longer life with advanced multi-layered precise distribution of diamond particles.

2" thru 6" are laser welded and can be used wet or dry. Above 6" are brazed and are to be used wet. Great for hand drilling and low hp drills.

## C42 ARIX G3 Pro Wet/Dry Bit

★★★★ Pro IV

Diameter	Part No.
2"	D31533
2-1/4"	D31544
2-1/2"	D31545
3"	D31546
3-1/2"	D31547
4"	D31548
4-1/4"	D31553
4-1/2"	D31549
5"	D31550
6"	D31552
7"	D31554
8"	D31555



5/8"-11 thd for hand held drills  
Usable Length 9"

.315" segment height

**FOR FAST DRY DRILLING  
IN CONCRETE WITH REBAR!**

## C34 ARIX Short Dry Bit

★★★ Super Premium

C34 ARIX dry bits for use on soft to medium concrete with light to medium rebar. The Pro 9" short dry bits with 1-1/4"-7 thread are designed to be used on conventional core drill while the bits with 5/8" thread are to be used dry on hand-held drills.

ARIX technology provides faster cutting and longer life and its aggressive segment design grips surface to prevent slippage for faster hole starting.

Diagonal cut-out openings allow air flow for ample cooling without compromising bit strength while the turbo barrel design provides smoother drilling.

## C34 ARIX Short Dry Bit

★★★ Super Premium



Diameter	Part No.
1-1/4"	D31543
1-1/2"	D31521
1-3/4"	D31522
2"	D31523
2-1/4"	D31524
2-1/2"	D31525
3"	D31526
3-1/2"	D31527
4"	D31528
4-1/2"	D31529
5"	D31530
6"	D31531



**Use a Hammer Drill to drill clean holes with these adapters and DITEQ's C34 ARIX Dry Bit!**

Max Adapter shanks are short enough to prevent the hammer action from engaging allowing the tool to be used as a rotary drill.

## Hammer Drill Adapters for Diamond Core Bits

Description	Part No.
SDS Max to SDS Plus Chuck	151617
SDS Max to 5/8-11M Rotary adapter	151623
SDS Plus to 5/8-11 Rotary Adapter	151670



Usable Length 9"

Overall Length	11-3/4"
Core Travel	9"
Thread Size	5/8"-11

## C25 Short Dry Bit

★★ Premium

This 9" short dry bit is used on hand drills for drilling lightweight concrete block.



1" and 1-1/4"  
7 mm / .275 in.  
segment height



1-1/4" and above  
8 mm / .315 in.  
segment height

## C25 Short Dry Bit

★★ Premium For Block Only

Diameter	Part No.
1"	D31501
1-1/4"	D31502
1-1/2"	D31503
1-3/4"	D31504
2"	D31505
2-1/4"	D31506
2-1/2"	D31507
3"	D31508
3-1/2"	D31509
4"	D31510
4-1/2"	D31511
5"	D31512
6"	D31513



## Benefits of Retipping

- **Saves Money**  
Less than half the money paid for a new bit constitutes the segments. The balance of the costs is the expense of the steel, shipping, etc.
- **Provides Maximum Flexibility**  
In addition to saving money by retipping you will be able to meet your special drilling requirements by customizing the bit length and number of segments as your special jobs require.
- **It's Easy**  
The process doesn't take extensive training or strength - anyone can do it. The indexing disc gives full control of the number of segments and positioning.
- **Environmentally friendly**



### CD 7-28 Manual

The CD 7-28 works without electrical power, without noise, without sparks, waste or scrap. Cuts off the worn end while at the same time making notches for the new segment on drill bits with diameters from 2-1/8" up to 28" with a length of up to 22". The Diatip system cuts all bit seats perfectly true to the threads with a clean edge ready for segment attachment. No lathe turning or face grinding are required, saving both time and money.

The CD7-28 can be equipped with a hydraulic motor for the cutting, an extension to accommodate up to 40" diameter bits, and an extension for bits up to 40" long.



### CD 7-28 Grande

With the many of the same features as the CD 7-28 Automatic, the CD 7-28 Grande is designed to accommodate even larger diameter core bits.

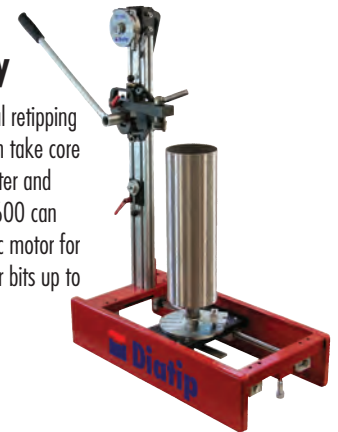


### CD 7-28 Automatic

For the retipping of old core bits, repairs of single lost segments or manufacturing of new core bits. Cuts off the worn end and makes the index regulated seats for the segments completely automatic. The CD 7-28 is equipped with a hydraulic motor for the cutting and a PLC controlled electric motor for the rotation. The machine can cut from 4 to 99 seats for the segments. After the cutting is completed, the bit can remain mounted on the machine where the rotation of the core bit can be easily regulated by a foot pedal control during the brazing process. Both hands are then free for the silver and gas pistol.

### CD 600 Economy

Excellent for more occasional retipping or the small repair shop. Can take core drill bits up to 28" in diameter and 28" in length. Also the CD 600 can be equipped with a hydraulic motor for the cutting and extension for bits up to 36" long.



151167

## Diatip™ Diamond Core Bit Retipping Machines

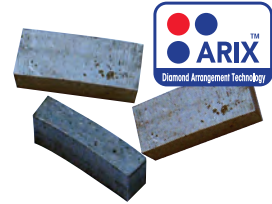
	CD 600 Economy	CD 7-28 Manual	CD 7-28 Automatic	CD 7-28 Grande
Power	Manual	Manual	Automatic	Automatic
Amps/Volts			110V/60 Hz	110V/60 Hz
Minimum Bit Diameter	2-1/8"	2-1/8"	2-1/8"	2-1/8"
Maximum Bit Diameter	28"	28"	28"	60"
Core Bit Maximum Length	22"	22"	22"	22"
Maximum Steel Thickness	.125"	.125"	.125"	.125"
<b>Part No.</b>	DR5003	DR5005	DR5001	DR5000

*Diatip Machines are special order items*

## Retipping Accessories

	Part No.
Superstrong Flux Magnet - each magnet has four different side clearances: 0.02"/0.03"/0.04" and 0.05" (0.5mm/1.0mm & 1.25mm) (Standard for segments 2" - 16")	151167
US magnet, each magnet has four different side clearances: 0.06"/0.07"/0.08"/ and 0.09" (1.5mm/1.78/2.03mm/2.3mm (for larger segments)	151627
Flux (35 oz. jar)	151141
Matrice 1-3/8"-2-1/2" dia 16 mm seg	151325
Knife 16 mm seg.	151326
Knife 24 mm seg.	151168
CD7-28 Ext. 18"	151181
CD7-28 Ext. 12"	151193
CD600 Ext. 36"	151138

# Retipping Segments / Slurry Control



C32 Pointed Segments ★★ ★ Super Premium				
Diameter	Part No.	Thickness	Segment Length	Segment Height
4 - 6.5"	D35014	.165"	.945"	.315"
7 - 9"	D35015	.187"	.945"	.315"
10 - 14"	D35019	.187"	.945"	.315"
10 - 16"	D35016	.210"	.945"	.315"
10 - 16"	D35017	.250"	.945"	.315"
18 - 36"	D35018	.250"	.945"	.315"

C62AX Segments ★★ ★ ★ ★ PRO VI				
Diameter	Part No.	Thickness	Segment Length	Segment Height
2" - 2.5"	D35051	.145"	.945"	.393"
2.75" - 3.5"	D35052	.145"	.945"	.393"
4 - 6.5"	D35053	.160"	.945"	.393"
7 - 9"	D35054	.165"	.945"	.393"
10 - 14"	D35055	.187"	.945"	.393"
10 - 16"	D35056	.210"	.945"	.393"
14 - 36"	D35057	.250"	.945"	.393"

C52 Double Pointed Segments ★★ ★ ★ ★ PRO V				
Diameter	Part No.	Thickness	Segment Length	Segment Height
2" - 2.5"	D35032	.145"	.945"	.420"
2.75" - 3.5"	D35033	.145"	.945"	.420"
2.75" - 3.5"	D35042	.160"	.945"	.420"
2.75" - 3.5"	D35077	.187"	.945"	.420"
2" - 3.5"	D35079	.250"	.945"	.420"
4 - 6.5"	D35034	.165"	.945"	.420"
7 - 9"	D35035	.165"	.945"	.420"
10 - 14"	D35036	.187"	.945"	.420"
10 - 16"	D35037	.210"	.945"	.420"
14 - 36"	D35038	.250"	.945"	.420"



**DITEQ offers retipping services.  
Call for information.**

## Construction Diamond Wire

	C-32 Part No.	C-41AX Part No.
Meter	D91015	D91017
Prices per meter length.		



Diamond Wire Crimps	Part No.
3/16" ID x 3/8" OD x 3/4" L	151157
3/16" ID x 3/8" OD x 1-1/8" L	151304

## Slurry Control

**CETCO**  
ENERGY SERVICES



**MudDog**



With increased environmental regulations its been costly and difficult to dispose of concrete slurry properly the fines incurred if not properly disposed of are extremely high. That's now history with the introduction of DITEQ's slurry disposal program.

With two simple steps you can convert concrete slurry to a gelled, non-flowable solid.  
Step 1 Separates the water from the solids with Slurry Sep  
Step 2 Gel the Remaining Solids with SlurryDry

SlurryDry is super absorbant and is capable of absorbing up to 250 times its weight in water with less than 1% swell. This product is non-biodegradable and non-exothermic.



scan for  
MSDS for  
SlurrySep



scan for  
MSDS for  
SlurryDry

## SlurrySep Floc Agent

Description	SlurrySep	SlurrySep-pH
50-lb bag	100540	100541
25 lb. bucket	100543	100544

## SlurryDry Slurry Gel

Description	SlurryDry-QS	SlurryDry-LS
50-lb bag	100539	100562
25 lb. bucket	100542	100563
QS - Quick Solidification		
LS - Low Solids		

By sprinkling gel around the bit before drilling the water and mess are contained in a small area.





# Wall Saw and Blades



- Standard Wall Saw Kit:
- 27 amp electric motor RS2521 2 speed
  - 1-1.2 m Track
  - 1-0.6m Track
  - Travel Motor
  - Auto Travel Control
  - 30" Blade Guard

Wall saw uses D16140, D16141 and D16142 blades

## C-40 Blades for SHIBUYA Wall Saw

Diameter & Width	Part No.
24" x .160" x 1-3/8"	D16140
26" x .160" x 1-3/8"	D16141
30" x .160" x 1-3/8"	D16142

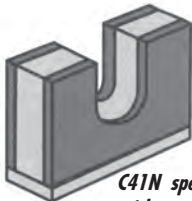
## PROFESSIONAL WALL SAW

### DIAMOND BLADES

AGGREGATE	C-41AXW	C-41AX
SOFT		●
MEDIUM	●	●
HARD	●	



WET ONLY  
10 mm / .393 in.  
segment height



C41N spec features sandwich segments for better tracking and maintaining side clearance

Additional arbor configurations including: GDM, Pentrunder, Braun, Multiquip, and Hilti available. Call for more information.

## SHIBUYA Wall Saw

### SS300R Plunge

DIMENSIONS SAW HEAD & CHASSIS	743 (H) X 350 (W) X 463 (H)
MOTOR	RS2521 2-Speed
POWER SUPPLY	115 Volts/1 PH
SPINDLE RPM (no load)	300/700
RATED INPUT	2.5 KW
TRACK	1-1.2m Track / 1-0.6m Track
BLADE CAPACITY	30"
BLADE ARBOR DIAMETER	1-3/8"
WEIGHT - SAW HEAD & CHASSIS	80 lb
<b>PART No.</b>	<b>WS0002</b>

## SHIBUYA Wall Saw Options

Description	Part No.
Flange Assy True Flush Cut SS300R	152000
True 30" SS300R Guard Flush Cut	152001
Track - 23.6 in / 600mm	150405
Track - 47.2 in / 1200mm	150406

## C-41AXW / C-41AX Wall Saw Blades

### ★★★★ PRO IV

Diameter & Width	C-41AXW		C-41AX	
	Pent-GDM		Pent-GDM	
	Longyear 1" Arbor Part No.	1-3/8" Arbor Part No.	Longyear 1" Arbor Part No.	Pent 1" Arbor Part No.
24" x .187"	D16551		D16501	
24" x .220"	D16552		D16502	D16699
24" x .250"	D16553		D16503	
26" x .187"	D16554	D16572	D16504	
26" x .220"	D16555	D16573	D16505	
26" x .250"	D16556		D16506	
30" x .187"	D16557		D16507	
30" x .220"	D16558		D16508	
30" x .235"	D16590			
30" x .250"	D16559		D16509	D16543
32" x .187"	D16560	D16574	D16510	D16542
32" x .220"	D16561	D16575	D16511	D16588
32" x .235"	D16591			D16703
32" x .250"	D16562		D16512	D16548
34" x .220"				D16675
34" x .250				D16682
36" x .187"	D16563		D16513	D16706
36" x .220"	D16564		D16514	D16578
36" x .235"	D16592			D16707
36" x .250"	D16565		D16515	D16579
42" x .187"	D16566		D16516	D16698
42" x .220"	D16567	D16587	D16517	D16683
42" x .235"				D16709
42" x .250"	D16568		D16518	D16582
48" x .187"			D16519	
48" x .220"		D16580	D16520	D16684
48" x .250"			D16521	
54" x .187"	D16570		D16663	
54" x .220"			D16659	D16692
54" x .250"			D16664	
60" x .187"			D16571	
60" x .220"			D16670	D16693

# Cutting Speeds & Depths/Safety Warnings

## Diamond Blade Operating Speeds

Diameter	Recommended Operating Speed (RPM)*	Maximum Safe Speed (RPM)
4"	9,072	15,000
4-1/2"	8,063	13,300
5"	7,257	12,000
6"	6,048	10,185
7"	5,184	8,730
8"	4,536	7,640
9"	4,032	6,790
10"	3,629	6,110
12"	3,024	5,090
12" High Speed		6,300
14"	2,592	4,365
14" High Speed		5,460
16"	2,268	3,820
16" High Speed		4,725
18"	2,016	3,395
20"	1,814	3,055
22"	1,649	2,775
24"	1,512	2,545
26"	1,396	2,350
28"	1,296	2,180
30"	1,210	2,035
32"	1,134	1,910
36"	1,008	1,695
42"	864	1,455
48"	756	1,270
54"		1,130
60"		1,015

\*Based on 9,500 SFPM (Surface Feet Per Minute)

THIS INFORMATION IS PROVIDED WITH ALL DIAMOND TOOL PACKAGING. PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PROVIDED WITH EACH TOOL.

Warning! THIS PRODUCT CONTAINS SOME OR ALL OF THE FOLLOWING:

aluminum oxide	boron carbon	chrome	cobalt	copper
diamond	iron	manganese	molybdenum	nickel
phosphorous	silicon	silicon carbide	silver	steel
tungsten	tungsten carbide			

This product as sold presents no hazard, although sawing, drilling, grinding and other construction activities may release small amounts of metal into the dust or slurry generated. Dust and slurry generated may contain other chemicals from materials cut. By example only, silica (SiO<sub>2</sub>) may be present in cement and other masonry products.

Precautionary steps, including appropriate respiratory protection and other control methods should be taken to ensure that worker exposure to dust not exceed appropriate PEL or TLV. (Reference OSHA 29 CFR Part 1910.1200).

Prolonged exposure to excessive amounts of dust can cause:

- Respiratory disease from inhalation; including pulmonary fibrosis;
- Skin irritation and rash from contact.

Nickel and certain compounds, which may be present in certain products, are considered carcinogenic by NTP and IARC. FOR ADDITIONAL INFORMATION REFER TO MSDS OR CONTACT THE MANUFACTURER.

Prop 65

Warning! The use of this product can cause the exposure to a chemical or chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Prop 65

Warning! This product contains a chemical known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Warning! IMPROPERLY USED GRINDING WHEELS, WIRE BRUSHES, BLADES AND BITS ARE DANGEROUS.

Warning! COMPLY WITH ANSI B7.1 AND OSHA 29 CFR 1900-1910 et al COVERING SPEED, SAFETY GUARDS, FLANGES, MOUNTING PROCEDURES, GENERAL OPERATING RULES, HANDLING, STORAGE, INSPECTION AND GENERAL MACHINE CONDITIONS.

## Maximum Blade Cutting Depth

Blade Diameter	Cutting Depth	Blade Diameter	Cutting Depth
<b>Concrete Saw Blades</b>		<b>Masonry Saw Blades</b>	
12"	3-5/8"	14"	5"
14"	4-5/8"	18"	7"
16"	5-5/8"	20"	8"
18"	6-5/8"	<b>Power Hand Saw Blades</b>	
20"	7-5/8"	6"	1-3/4"
24"	9-5/8"	7"	2-1/4"
26"	10-5/8"	8"	2-3/4"
30"	12-3/8"	9"	3-1/4"
36"	14-7/8"	10"	3-3/4"
42"	17-3/8"	<b>Tile Saw Blades</b>	
48"	19-7/8"	4"	1"
<b>High Speed Saw Blades</b>		4-1/2"	1-1/4"
12"	4"	5"	1-1/2"
14"	5"	7"	2-1/2"
16"	6"	8"	3"
<b>Wall Saw Blades</b>		10"	3-3/4"
18"	6-1/2"		
24"	9-1/2"		
30"	11-1/2"		
36"	14-1/2"		
42"	17-3/4"		
48"	20-3/4"		



# Terms and Conditions / Warranty

## LIMITED WARRANTY FOR NEW DITEQ EQUIPMENT

**GENERAL PROVISIONS** — The warranties described below are provided by DITEQ Corporation ("DITEQ") to the original purchasers of new DITEQ Equipment from DITEQ or authorized DITEQ dealers. Under these warranties, DITEQ will repair or replace, at its option, any covered part which is found to be defective in material or workmanship during the applicable warranty term. Warranty service must be performed by DITEQ or a dealer or service center authorized by DITEQ to sell and/or service the type of product involved, which will use only new or remanufactured parts or components furnished by DITEQ. Warranty service will be performed without charge to the purchaser for parts. The purchaser will be responsible, however for any service call and/or labor, transportation and/or freight of product to and from DITEQ, the dealer's or service center's place of business, for any premium charged for overtime labor requested by the purchaser, and for any service and/or maintenance not directly related to any defect covered under the warranties below.

**WHAT IS WARRANTED** — All parts of any new DITEQ Equipment are warranted for the number of months specified below. Component manufacturers offer separate warranties and warranty terms as stated below. Warranty statements required by law covering engine emission-related parts and components are found in the engine operating manual delivered with the machine. Each warranty term begins on the date of product delivery to the purchaser.

27" Propane Burnisher	24 Months	Scarifier Drum	3 Months
Baldor Motors	12 Months	Shibuya Core Drills	24 Months
Little Giant Pumps	12 Months	Subaru Generator	36 Months
C-TEQ Saws	24 Months	Subaru Robin Engines	36 Months
Chopper	12 Months	Subaru water pumps	36 Months
Dustless™ Vacuums	12 Months	TEQ-Burnisher (Electric)	12 Months
Eaton Transmissions	12 Months	TEQ-Cut Pro V Masonry Saws	24 Months
G & P One Grinder /Polisher	24 Months	TG8 Grinder / Polisher	24 Months
G-TEQ Saws	24 Months	TG12 Floor Grinder	24 Months
Gast Vacuum Pumps	12 Months	TG18 Floor Grinder	24 Months
Honda Engines	36 Months	TEQ-Grind Hand Grinder	3 Months
Leeson Motors	12 Months	TEQ-Swing	12 Months
Little Giant Pumps	12 Months		
LX-30 Grinder / Polisher	12 Months		
Industrial Vacuum Systems	12 Months		
Rideable Scrubber	12 Months		

**WHAT IS NOT WARRANTED** — DITEQ IS NOT RESPONSIBLE FOR THE FOLLOWING:

(1) Used products; (2) Any product that has been modified in ways not approved by DITEQ; (3) Depreciation or damage caused by normal wear, lack of reasonable and proper maintenance, failure to follow operating instructions, misuse, lack of proper protection during storage, transporting or accident; (4) Normal maintenance parts such as belts, bearings, filters, wheels, cutters, etc. and service.

**SECURING WARRANTY SERVICE** — To secure warranty service, the purchaser must (1) report the product defect to DITEQ, an authorized dealer or an authorized service center and request repair within the applicable warranty term, (2) present evidence of the warranty start date, and (3) make the product available to DITEQ, the dealer or service center within a reasonable period of time.

**LIMITATIONS OF IMPLIED WARRANTIES AND OTHER REMEDIES** — To the extent permitted by law, neither DITEQ nor any company affiliated with it makes any warranties, representations or promises as to the quality, performance or freedom from defect of the equipment covered by this warranty.

**IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO THE EXTENT APPLICABLE, SHALL BE LIMITED IN DURATION TO THE APPLICABLE PERIOD OF WARRANTY SET FORTH ON THIS PAGE. THE PURCHASER'S ONLY REMEDIES IN CONNECTION WITH THE BREACH OR PERFORMANCE OF ANY WARRANTY ON THE DITEQ EQUIPMENT ARE THOSE SET FORTH ON THIS PAGE. IN NO EVENT WILL THE DEALER, DITEQ OR ANY COMPANY AFFILIATED WITH DITEQ BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.** (Note: Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages so the above limitations and exclusions may not apply to you.) This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. **NO DEALER WARRANTY- THE SELLING DEALER MAKES NO WARRANTY OF ITS OWN AND THE DEALER HAS NO AUTHORITY TO MAKE ANY REPRESENTATION OR PROMISE ON BEHALF OF DITEQ, OR TO MODIFY THE TERMS OR LIMITATIONS OF THIS WARRANTY IN ANY WAY.** If further information is needed, please contact DITEQ.

## To place orders:

Call 866-688-1032 or Fax: 877-220-4777

You will need the following items for Customer Service:

- Your purchase order number and/or name
- Company name and billing information
- Customer number
- Shipping address, if different from billing address
- Date needed
- Products desired and quantity

For detailed product information visit [www.DITEQ.com](http://www.DITEQ.com).

## Freight Policy

**Equipment-** Freight is paid (Ground Shipment) as one shipment to one location within the continental United States by the carrier of DITEQ's choice for three (3) pieces of equipment shipped of equal value.

**Diamond tools and/or Abrasives** (with the exception of Carbide Cutters and Chemicals)- Freight is prepaid by the shipper and added to the invoice for orders less than \$400.00. Freight is paid (ground shipment) to one location within the continental United States by the carrier of DITEQ's choice for orders of \$400.00 or greater. Freight is prepaid by the shipper and added to the invoice on orders of carbide cutters only that are less than \$1,000.

**Parts and Chemicals-** Freight is prepaid by the shipper and added to the invoice.

**Orders of \$3,000 or greater in Diamond tools-** Freight is paid (ground shipment) to one location within continental United States by carrier of DITEQ's choice on the total order including all the additional items on the order.

Anything not meeting the exemptions above are Shipped FOB Factory.

We reserve the right to route all shipments via the carrier of DITEQ's choice.

Priority, Next Day or Two-day Service will be added to your invoice or billed collect.

Shipments requiring special handling or to a residence may incur additional charges.

## Terms and Conditions

**Minimum order:** For all finished product orders of less than \$50, a \$10 minimum order charge will be added. (shipping and tax excluded.)

**Sales tax** will be charged where applicable unless a tax exemption certificate is provided.

**Repairs:** Carefully package all returned items for repair and send with the following information on a packing slip:

- Your company name, address and phone number
- Original Invoice (warranty only)
- List of items for repair
- Returned Goods Authorization (RGA) number obtained from Customer Service
- Explanation of repair(s) needed

**Replacement/Refund:** All returned catalog items are subject to a 15% restocking fee.

Returned for replacement or refund items should be in original cartons and accompanied by a packing slip with the following information:

- Contact customer service for a Returned Goods Authorization (RGA). (Merchandise cannot be accepted without this authorization.)
- List of items returned and reason(s) for return(s)
- Copy of original invoice(s). Merchandise receipt must be dated no longer than 12 months from date shipped.
- Ship merchandise prepaid to:  
DITEQ Corporation, 9876 Plumm Road, Lenexa, KS 66215

We reserve the right to change and/or modify products and part numbers. Images within this catalog may not reflect the most current product line.

Prices and specifications subject to change without notice.

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