



# Air Tools

## CONSTRUCTION & SURFACE PREPARATION RANGE



Lightweight Hammers  
Heavy Duty Hammers  
Pavement Breakers  
Rock Drills  
Breaker Steels  
Air Shovels  
Armco Repair/  
Retensioning System  
Impact Wrenches  
Impact Sockets  
Air Grinders  
Electric Hand Grinders  
Needle Scalers  
Scabblers  
Compactors  
Pole Scabblers  
Scrapers  
Floor Strippers  
Multi-Headed Concrete  
Floor Scabblers  
Floor Grinders  
Floor Planers / Scarifiers  
Saws  
Air Treatment  
Accessories

[www.yokota.co.uk](http://www.yokota.co.uk)



# Contents



5	Lightweight Hammers
7	Heavy Duty Hammers
11	Pavement Breakers
15	Rock Drills
17	Breaker Steels
23	Air Shovels
25	Armco Tightening
29	Impact Wrenches
33	Impact Sockets
37	Air Grinders
41	Electric Hand Grinders
43	Needle Scalers
47	Scabblers
49	Compactor / Pole Scabblers
51	Scrapers
53	Floor Strippers
55	Multi-Headed Concrete Floor Scabblers
59	Floor Grinders
63	Floor Planer / Scarifiers
67	Saws
71	Various Tools & Accessories
74	Torque Values
75	ELV & EAV Charts
76	Repair - Service Dept.
77	Warranty
78	Maintenance & Use
79	Terms & Conditions

Yokota continue to lead the way in the supply of highest quality pneumatic, electric and petrol tools, machines and accessories for the construction, hire and industrial markets.

All of Yokota UK's broad range of tools and machines are packed with market leading features such as:

- Vibration Dampening
- Anti-Freezing
- Auto Lubrication
- Dust Extraction
- Torque Control
- Extended Warranties

New in 2018 is the Armco Repair/Re-tensioning System from Yokota. This is an essential solution to a time consuming, costly and potentially inaccurate application that can have wide range of negative health and safety impacts to both operators and general public. The solution to it, detailed on pages 25-28, is a virtually zero-vibration tooling system for non-stop operator working time and 100% accurate torque levels.

As always, you have Yokota's assurance of our continued commitment and support to you as a valued business partner. We hope you will continue to see the benefits of the commercial and technical advantages to working alongside Yokota UK as your first choice for all of your construction tool and machinery requirements.

Our in-house service, repair and preventative maintenance departments are always on hand to help keep your investment running smoothly and profitably.

GB13307A



GB19427A



GB21148A



# Brands



## A world leading manufacturer of industrial pneumatic tools

The Toku moving circle symbol signifies - quality, reliability and continuity - the three key factors in the Toku philosophy. Manufactured using only the highest quality raw materials and most advanced assembly techniques, Toku offers a superior programme of industrial tools, including impact wrenches & angle grinders suitable for the most demanding environments.



## Yokota UK Construction Tools

The Yokota UK range of industrial construction tools has been specially selected from leading British and European manufacturers renowned for high quality and reliability. The range includes Heavy Duty Hammers, Pavement Breakers, Pneumatic Scabblers, Scrapers and Compactors. Also available are a selection of air tool accessories from our sister company DURO.



## Surface Preparation Tools

Yokota working in partnership with Trelawny. Supplying the highest quality Surface Preparation tools & machines to the rental & tool hire industry. Our expanded market leading range offers a larger more comprehensive selection of pneumatic, electric & petrol tools & machines for all surfacing applications.



## Red Rooster Industrial Tools

The Red Rooster Industrial range is produced specifically for Yokota UK by our leading industrial manufacturing partners. These tools have been hand selected, quality checked and tested by our product development team to ensure the highest quality and reliability. The range includes Needle Scalers, Saws and Impulse Tools.



## Impact sockets for professionals!

Available from 1/4" to 2 1/2" drive. Impact sockets from our Action range are manufactured in accordance with DIN3121 and DIN3129 and comply fully with the European regulation - Directive of Machinery 2006/42/EG and ISO11148-6. This states that only impact sockets are to be used on power tools.

# Special Features

Throughout this catalogue, you will notice a number of products marked with special feature icons.

## Vibration Control

By selecting a vibration controlled option, you not only decrease any potential health risks to your tool operators, but you could also massively increase your productivity levels. The vibration control feature increases the length of time the tool can be used before current ELV & EAV levels are reached.



## Torque Control

Our Torque control allows for accurate & controlled tightening and re-tightening. Torque adjustable impulse wrenches guarantee the correct torque is applied every time.



## Dust Extraction

Many of our products are dust extraction ready so can be directly connected to your dust extraction unit. Other tools in the range require an optional dust extraction shroud. Using dust extraction not only creates a cleaner safer working environment, but will extend the life of the cutter or grinding media & increase the speed a work area is completed.



## Anti-Freeze

Toku Heavy duty hammers & pavement breakers are fitted with a muffler manufactured from Polyolefin foam. This prevents the main cylinder contracting under cold & damp conditions, fully eliminating any risk of the piston jamming.



## Auto Lubrication

All hammers feature an in-built automatic oiling system to ensure correct lubrication at all times. Vastly increasing service life and reliability, whilst reducing wear & repair costs.




## 2yrs Warranty

All Yokota UK Heavy Duty Hammers & Pavement breakers include a fully extended 2 year manufacturer's warranty.



Code	Description	Page Number	Dust Extraction	Vibration Control	Anti Freeze	Auto Lubrication	2 Years Warranty	Torque Control
Y-UK-5HDH H	Heavy Duty Hammer	8					✓	
Y-UK-10HDHVC H	Heavy Duty Hammer	8		✓		✓	✓	
Y-UK-10HDHVC R	Heavy Duty Hammer	8		✓		✓	✓	
TCD20	Heavy Duty Hammer	9			✓	✓		
Y-UK-12HDHVC R	Heavy Duty Hammer	9		✓		✓	✓	
Y-UK-12HDHVC H	Heavy Duty Hammer	9		✓		✓	✓	
TPB-40SV	Pavement Breaker	12		✓	✓			
TPB-501SV	Pavement Breaker	12		✓	✓			
Y-UK-20PBVC	Pavement Breaker	13		✓		✓	✓	
Y-UK-25PBVC	Pavement Breaker	13		✓		✓	✓	
Y-UK-30PBVC	Pavement Breaker	13		✓		✓	✓	
TJ-15SVLBS	Rock Drill	16		✓				
TJ-20SVLBS	Rock Drill	16		✓				
RRI-70T/ -100T	Impulse Wrench	26		✓				✓
RRI-80T / -100T/ -150T/ -180T/ -200T	Impulse Wrench	27		✓				✓
TAG-45MLH / TAG-50MLH	Air Grinder	38		✓				
TAG-900QJL	Air Grinder	38		✓				
TCG125 / TCG180	Electric Grinder	42	✓					
RRI-4006VL / VL203-C / VL223-N/C	Needle Scaler	44	✓*	✓				
RRI-4007VL / VL303-C	Needle Scaler	45	✓*	✓				
Y-UK-SINGLE-SCAB	Scabblers	48		✓				
Y-UI-SINGLE-TRIPLE	Scabblers	48	✓*					
Y-UK-COMPACTOR / Y-UK-LVPS5P/9P	Compactor / Pole Scabblers	50		✓				
Y-UK-5FT-SCRAPER	Scraper	52		✓				
MHS11	Floor Scabblers	56	✓*	✓				
MHS5	Floor Scabblers	57	✓	✓				
TCG250	Floor Grinder	60	✓	✓				
TCG500	Floor Grinder	61	✓	✓				

# Lightweight Hammers



5-8kg lightweight hammers suited to foundry, rebar work, smaller demolition and civil engineering applications.

Toko lightweight chipping hammers feature a D-grip or open grip handle for ease of use and are perfectly suited to close work in confined spaces where greater manoeuvrability is required.

Lighter and more powerful than other types of hammers, pneumatic hammers can be used in almost all environments where other tools simply can't be safely operated.

All tools featured are manufactured to the highest possible standard, using only the highest quality raw materials and most advanced assembly techniques.

# Hammers

## Lightweight Hammers

TOKU 



### AA-1.3BRH

- Sub 5kg Chipping Hammer
- 19 x 50mm Hex Shank
- Compact & lightweight
- User friendly in confined spaces
- D-Grip handle for greater manoeuvrability
- Suitable for both foundry & rebar work
- Suitable for concrete removal on machinery
- Fitted with solid steel screw retainer for use with pointed and wide cutting chisels

**List £884**

TOKU 



### THA-2BRH / THA-4BRH

- Sub 7kg Chipping Hammer (THA-2BRH)
- Sub 8kg Chipping Hammer (THA-4BRH)
- 19 x 50mm Hex Shank
- Open grip handle for ease of use
- Ideal for both foundry & rebar work
- Fitted with solid steel screw retainer for use with pointed and wide cutting chisels

**THA-2BRH List £945**  
**THA-4BRH List £995**

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
AA-1.3BRH	TOKU	○ 19 x 50	24.0	58	2,800	12.7	7.5	4.5	PT 3/8"	10	10.0	93
THA-2BRH	TOKU	○ 19 x 50	28.5	51	2,300	15.7	14.2	6.8	PT 3/8"	13	11.6	93
THA-4BRH	TOKU	○ 19 x 50	28.5	102	1,800	31.8	15.8	7.8	PT 3/8"	13	11.6	93

Specially selected by  YOKOTAUK

### Breaker Steel Key



Moil Point / Point



Narrow Chisel



Wide / Bolster Chisel



Wide Tarmac Cutter



Clayspade



Wide Asphalt Cutter



Scutch Comb Holder



Stem & Tamping Pad



Stem & Floor Cleaning Tool

### How to Select your Yokota Breaker Steel

1. Select the correct chisel for the application you are undertaking from the Breaker Steel Key (full key featured on page 18)
2. Select the machine type you will be using from the selection of pneumatic, electric and hydraulic breaker steels featured on pages 19-22.

# Heavy Duty Hammers

A worker wearing a hard hat, safety glasses, and ear protection is using a heavy-duty hammer on a construction site. The worker is wearing a dark jacket with 'Gerle Teys' written on it. The background shows a large, cracked concrete structure being worked on.

5-12kg heavy duty hammer range is suited to piling, heavy duty demolition and trenching for civil engineering & utilities applications.

Our heavy duty hammers are designed for larger work areas with our 10 & 12Kg Yokota UK range benefiting from a vibration control cylinder and integrated automatic oiling design for increased operator comfort and improved tool service life.

Lighter and more powerful than other types of hammers, pneumatic hammers can be used in almost all environments where other tools simply can't be safely operated.

All tools featured are manufactured to the highest possible standard, using only the highest quality raw materials and most advanced assembly techniques.

# Heavy Duty Hammers

## Low Vibration & Auto Lubrication Systems



### Y-UK-5HDH H

- 5kg Class Heavy Duty Hammer
- 19x50mm Hex Shank
- Up to 2640 Blows per minute
- Fitted with solid steel screw retainer for use with pointed and wide cutting chisels
- Suitable for demolition, foundry & rebar work
- Integrated noise muffler
- Fitted with Claw couplings as standard
- Only 360mm overall length
- Large D-grip handle for greater operator comfort

**List £995**

### Y-UK-10HDHVC H

- 10kg Class Heavy Duty Hammer
- 22x82mm Hex Shank
- Up to 2040 Blows per minute
- Latch chisel retainer allowing the use of wide cutting chisels
- Suitable for demolition, trenching & pavement reinstatement
- Built in automatic lubrication system
- Vibration damping handles and air cushioning design for reduced vibration
- Integrated noise muffler
- Fitted with Claw couplings as standard
- Only 490mm overall length

**List £1,398**

### Y-UK-10HDHVC R

- 10kg Class Pavement Breaker
- 25x75mm Round Shank
- Up to 2040 Blows per minute
- Fitted with a solid steel screw retainer for use with moil point chisels
- Suitable for demolition, trenching & pavement reinstatement
- Built in automatic lubrication system
- Vibration damping handles and air cushioning design for reduced vibration
- Integrated noise muffler
- Fitted with Claw couplings as standard
- Only 490mm overall length

**List £1,306**

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
Y-UK-5HDH D	Y-UK	○ 19 x 50	28	58	2640	17.2	11.66	5.6	PT 1/2"	13	9.27	102
Y-UK-10HDHVC H	Y-UK	○ 22 x 82	35	118	2040	52	16.6	10	PT 3/4"	13	5.05	99
Y-UK-10HDHVC R	Y-UK	○ 25 x 75	35	118	2040	52	16.6	10	PT 3/4"	13	5.05	99

# Heavy Duty Hammers

## Low Vibration & Auto Lubrication



### TCD-20

- Sub 12kg Hammer
- 22 x 82mm Hex Shank
- Up to 2,000 Blows per minute
- Suitable for both trenching & pavement reinstatement
- Latch chisel retainer allowing the use of wide cutting chisels
- Ergonomic, compact & balanced tool for greater manoeuvrability
- Integrated noise muffler for greater operator comfort
- Built in automatic lubrication system

List £1,280

### Y-UK-12HDHVC H

- 12kg Hammer
- 22 x 82mm Hex Shank
- Up to 1,290 Blows per minute
- Suitable for demolition, trenching & pavement reinstatement
- Isolated floating cylinder design for reduced vibration and greater operator comfort
- Latch chisel retainer allowing the use of wide cutting chisels
- Built in automatic lubrication system

List £1,598

### Y-UK-12HDHVC R

- 12kg Hammer
- 25 x 75mm Round Shank
- Up to 1,290 Blows per minute
- Suitable for demolition, trenching & pavement reinstatement
- Isolated floating cylinder design for reduced vibration and greater operator comfort
- Fitted with a solid steel screw retainer for use withmoil point chisels
- Built in automatic lubrication system

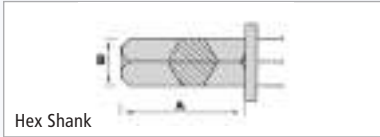
List £1,462

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
TCD-20	TOKU	○ 22 x 82	43	60	2,000	42.4	18.0	11.4	PT 1/2"	13	16.0	106
Y-UK-12HDHVC H	Y-UK	○ 22 x 82	35	170	1,290	81.2	16.6	12.0	PT 3/4"	13	5.6	101
Y-UK-12HDHVC R	Y-UK	○ 25 x 75	35	170	1,290	81.2	16.6	12.0	PT 3/4"	13	5.6	101

# Hammers

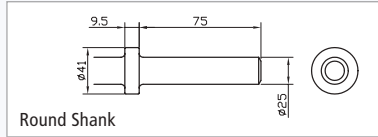
## Technical Data

### SHANK SIZE



Hex Shank

Type	A	B
AA-1.3BRH	50	19
THA-2BRH	50	19
THA-4BRH	50	19
Y-UK-5HDH H	50	19
Y-UK-10HDHVC H	82	22
TCD-20	82	22
Y-UK-12HDHVC H	82	22

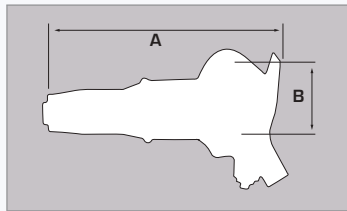


Round Shank

Type	A	B
Y-UK-12HDHVC R	82	22
Y-UK-10HDHVC R	82	22

### DIMENSIONS

Type	A mm	B mm
AA-1.3BRH	300	76
THA-2BRH	350	87
THA-4BRH	430	87
Y-UK-5HDH H	360	191
Y-UK-10HDHVC H	490	120
Y-UK-10HDHVC R	490	120
TCD-20	520	100
Y-UK-12HDHVC R	645	120
Y-UK-12HDHVC H	645	120



## Vibration Control

### Vibration Damped Yokota UK Heavy Duty Hammers - up to 70% less vibration

Yokota UK vibration controlled heavy duty Hammers are equipped with a vibration reducing floating cylinder design for smoother operation and greater comfort.

By selecting a vibration controlled option you not only decrease any potential health risks to your tool operators but you could also massively increase your productivity levels. Our vibration controlled Hammers and Breakers offer vibration levels of up to 70% less than the equivalent standard model. This translates to significant increases in the length of time the tool can be used before current EAV and ELV levels are reached. See **page 75** for our **EAV & ELV Chart**.



Our Yokota UK vibration control range of heavy duty hammers have a floating cylinder design. This feature isolates the D-handle from the cylinder to reduce the vibration magnitude felt by the operator.

The key and lock constructed cylinder and D-handle with high torsion spring damping ensures low vibration and correct chisel orientation are maintained at all times.



# Pavement Breakers



20-30kg pavement breaker range suitable for heavy industrial construction work along with many demolition and civil engineering applications, from pavement / highways repair & reinstatement to trenching for utilities repair and installation.

Vibration damping handles and an air cushion cylinder design reduces vibration across all tools. The air cushion protects the breaker by preventing the cylinder and piston from damage caused when the tool is used unloaded or without a chisel.

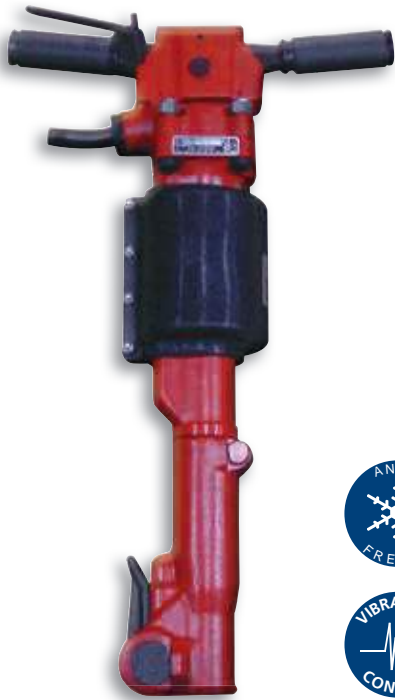
Efficient muffler designs throughout the range keeps noise levels to a minimum, along with Toku's Polyolefin foam muffler that will prevent the main cylinder contracting under cold & damp conditions fully eliminating any risk of the piston jamming. Modern & robust product design across the range guarantees outstanding power to weight ratios.

The Yokota UK range also features an integrated automatic oiling system to ensure correct lubrication at all times.

All tools featured are manufactured to the highest possible standard, using only the highest quality raw materials and most advanced assembly techniques.

# Pavement Breakers

## Vibration Control & Anti-Freeze Breakers



### TPB-40SV

- 20kg Class Pavement Breaker
- 25 x 108mm Hex Shank
- Vibration control from vibration damping handles
- Suitable for large area pavement breaking, pavement reinstatement & trenching
- Ergonomic & well balanced design
- Integrated noise muffler for operator comfort
- Latch chisel retainer allowing the use of wide cutting chisels
- Fitted with polyolefin muffler to prevent freezing.

List £1,760

### TPB-501SV

- 30kg Class Pavement Breaker
- 32 x 160mm Hex Shank
- Vibration control from vibration damping handles
- Suitable for large area pavement breaking, pavement reinstatement & trenching
- Ergonomic & well balanced design
- Integrated noise muffler for operator comfort
- Latch chisel retainer allowing the use of wide cutting chisels
- Fitted with polyolefin muffler to prevent freezing.

List £1,850

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
TPB-40SV	TOKU	○ 25 x 108	44	146	1,050	110	26	19.5	PT 1/2"	19	5.5	106
TPB-501SV	TOKU	○ 32 x 160	50	156	1,250	151	25	28.1	PT 1/2"	19	5.3	107

# Pavement Breakers

## Auto Lubrication & Vibration Control Breakers



**2**  
yrs  
WARRANTY



**2**  
yrs  
WARRANTY



**2**  
yrs  
WARRANTY



### Y-UK-20PBVC

- 20kg Class Pavement Breaker
- 25 x 108mm Hex Shank
- Latch chisel retainer
- Suitable for large area pavement breaking, reinstatement & trenching
- Built in automatic oiling system
- Vibration damping handles and air cushioning cylinder design
- Integrated noise muffler
- Fitted with Claw coupling as standard

List £1,415

### Y-UK-25PBVC & PBVC-32

- 25kg Class Pavement Breaker
- 25 x 108 / 32 x 160mm Hex Shank
- Latch chisel retainer
- Suitable for large area pavement breaking, reinstatement & trenching
- Built in automatic oiling system
- Vibration damping handles and air cushioning cylinder design
- Integrated noise muffler
- Fitted with Claw coupling as standard

List £1,434

### Y-UK-30PBVC

- 30kg Class Pavement Breaker
- 32 x 160mm Hex Shank
- Latch chisel retainer
- Suitable for large area pavement breaking, reinstatement & trenching
- Built in automatic oiling system
- Vibration damping handles and air cushioning cylinder design
- Integrated noise muffler
- Fitted with Claw coupling as standard

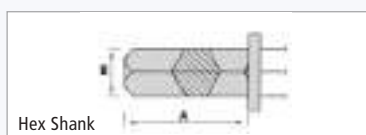
List £1,502

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
Y-UK-20PBVC	Y-UK	○ 25 x 108	40	136	1,260	85	23.3	21.0	PT 3/4"	19	5.1	99
Y-UK-25PBVC	Y-UK	○ 25 x 108	42	136	1,320	112	23.3	25.0	PT 3/4"	19	5.2	102
Y-UK-25PBVC32	Y-UK	○ 32 x 160	42	136	1,320	112	23.3	25.0	PT 3/4"	19	5.2	102
Y-UK-30PBVC	Y-UK	○ 32 x 160	45	162	1,200	147	30	30.0	PT 3/4"	19	5.3	106

# Pavement Breakers

## Technical Data

**SHANK SIZE**

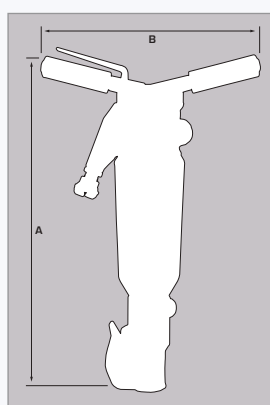


Hex Shank

Type	A	B
TPB-40SV	108	25
TPB-501SV	160	32
Y-UK-20PBVC	108	25
Y-UK-25PBVC	108	25
Y-UK-25PBVC32	160	32
Y-UK-30PBVC	160	32

**DIMENSIONS**

Type	A mm	B mm
TPB-40SV	649	390
TPB-501SV	714	390
Y-UK-20PBVC	640	455
Y-UK-25PBVC	640	455
Y-UK-25PBVC32	640	455
Y-UK-30PBVC	730	455



Specially selected by  YOKOTAUK



### In-built Automatic Lubrication System

All Yokota UK Heavy Duty Hammers and Pavement Breakers feature an in-built automatic oiling system to ensure the tool is correctly lubricated at all times.

This will vastly increase service life and reliability, whilst reducing wear, repair and costly breakdowns.



Tools fitted with an automatic lubrication system should be filled in the following way:

- Fully disconnect the tool from the compressor
- Slowly (as the oil reservoir may contain residual pressure) remove the yellow filler cap fully
- Fill the reservoir with ATLUB fully synthetic airtool oil to a level of 25mm from the top
- Check O ring seal is in a good condition before refitting the yellow filler cap and ensure cap is adequately tightened before continuing normal use

### Vibration Control



### Vibration Damped Breakers & Rock Drills - up to 70% less vibration

Toku and Yokota UK vibration controlled Pavement Breakers and Rock Drills are fully equipped with a range of vibration reducing design features for smoother operation and greater comfort.

By selecting a vibration controlled option you not only decrease any potential health risks to your tool operators but you could also massively increase your productivity levels. Our vibration controlled Breakers and Rock Drills offer vibration levels of up to 70% less than the equivalent standard model. This translates to significant increases in the length of time the tool can be used before current EAV and ELV levels are reached. See **page 75** for our **EAV & ELV Chart**.



Toku & Yokota UK vibration control Pavement Breakers and Rock Drills are fitted with vibration damping handles. This design means less vibration is transferred to the user from the breaker steel.

An air cushion cylinder design used throughout the Yokota UK range further reduces vibration and protects the breaker by preventing the cylinder and piston from damage when the tool is used unloaded or without a chisel.

# Rock Drills

15-20kg rotary rock drills for the quarrying and construction industries.

Suitable for blast hole quarry drilling along with bank stabilisation works. Also widely used within utilities installation.

All Toku Rock Drills are supplied complete with in-line oilers to ensure correct lubrication at all times. Standard shank sizes throughout the range allows the use of Yokota 22x108mm hexagon Monobloc drills (please refer to the Yokota full range Catalogue).

All tools featured are manufactured to the highest possible standard, using only the highest quality raw materials and most advanced assembly techniques.

# Rock Drills

## Rotary Rock Drills



### TJ-15SV LBS

- 15kg Class Rotary Rock Drill
- 22 x 108mm Hex Shank
- Vibration control from damping handles
- Suitable for quarry rock drilling applications
- Ergonomic & well balanced design
- Integrated noise muffler for operator comfort
- Up to 2,450 Blows per minute

List £3,251

### TJ-20SV LBS

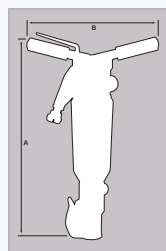
- 20kg Class Rotary Rock Drill
- 22 x 108mm Hex Shank
- Vibration control from damping handles
- Suitable for quarry rock drilling applications
- Ergonomic & well balanced design
- Integrated noise muffler for operator comfort
- Up to 2,400 Blows per minute

List £4,047

Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	RPM	J/Blow	Air cons l/sec	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
TJ-15SV LBS	TOKU	○ 22 x 108	54	45	2,450	250	44.7	26	17.7	PT 3/4"	19	7.0	99
TJ-20SV LBS	TOKU	○ 22 x 108	68	49	2,400	200	72.0	41	19.0	PT 3/4"	19	10.8	100

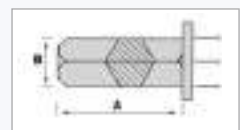
#### DIMENSIONS

Type	A mm	B mm
TJ-15SV LBS	468	340
TJ-20SV LBS	585	385




#### SHANK SIZE

Type	A mm	B mm
TJ-15SV LBS	108	22
TJ-20SV LBS	108	22



# Breaker Steels



A range of high quality breaker steels for use with pneumatic and electric breakers.

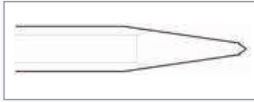
Perfectly suited to breaking a wide range of materials from asphalt through to the hardest concrete. The range includes moil points, wide chisels, tarmac cutters and clayspades.

Manufactured using the most advanced systems available and the very latest in heat treatment methods guaranteeing the same high quality across the range.

# Breaker Steels

## Breaker Steels Key

### Moil Point



Drop forged of high grade steel, this hammer iron with heat treated work areas is used for demolition work and starting holes in the centre of a concrete slab. The most common of the demolition steels used for general breaking where there is not a requirement to control the line of fracture.

### Narrow Chisel



Narrow Chisel is used in a similar way to the Moil Point but the line of fracture is controlled along the line of the chisel end. Used on applications where it is important to have a clean edge retained on the work piece being broken.

### Wide / Bolster Chisel



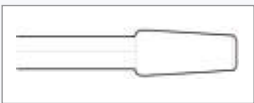
Wide Chisel is used in a similar way to the Moil Point but the line of fracture is controlled along the line of the chisel end. Used on applications where it is important to have a clean edge retained on the work piece being broken.

### Wide Tarmac Cutter



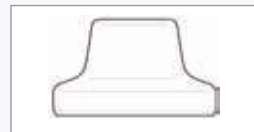
Tarmac Cutter used for cutting coated stone. The wedge shape of the side profile is preferred by many operators as it facilitates easy removal of the blade after each cut.

### Stem - use with tamping pad



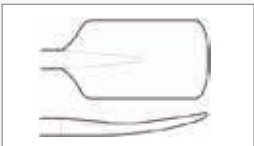
These tools need to be used together. The stem can have a number of shank configurations to suit both pneumatic and electric powered breakers. The pad is selected to suit the type of compaction operation required.

### Tamping Pad



Floor compaction tool.

### Clayspade



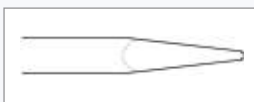
Clayspade is a purpose designed blade for cutting / digging of boulder clay. The geometry facilitates the cutting action to return an open face. Favoured by tunnelling contractors and companies specialising in underpinning in clay conditions. Also excellent for landscaping.

### Wide Asphalt Cutter



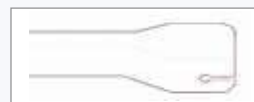
Asphalt Cutter is similar in application to the Tarmac Cutter but has the benefit of a thinner parallel side profile and radius on the blade allowing faster penetration in the cutting action. Suitable for lighter weight and less powerful breakers.

### Point



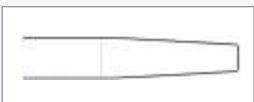
The most common of the demolition steels used for general breaking where there is not a requirement to control the line of fracture.

### Scutch Comb Holder



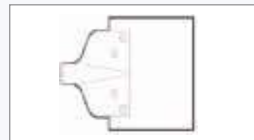
Allows scutching operations using machines instead of handheld. Interchangeable end means no sharpening is necessary.

### Stem - use with floor cleaning tools and pads



Stem for floor cleaning tool is available with different shank types and facilitates the use of the smaller electric tamping pads and especially the floor cleaning tool.

### Floor Cleaning Tool

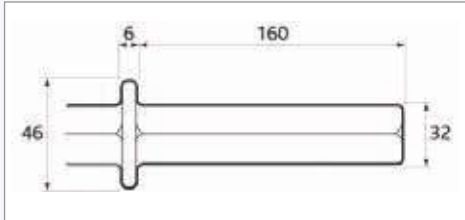


Floor Cleaning Tool used in conjunction with a shank to suit the type of breaker to be used. It has a flexible replacement blade held in place by retaining bolts and can be used for the removal of lino tiles or debris spilt onto concrete floors prior to finishing.

# Breaker Steels

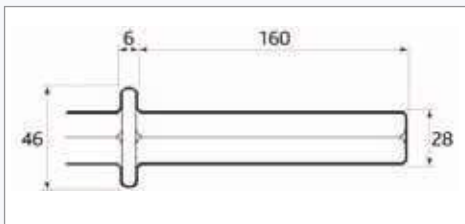
## Pneumatic and Hydraulic - Hex Shank

### 32 x 160mm (1¼" x 6¼") Hex Shank



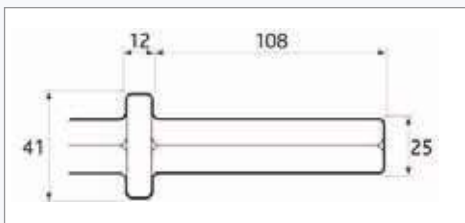
Description	Part number	List
Moil Point - 380mm under collar	Y-32.0x160HX-MP380	£21.56
Moil Point - 450mm under collar	Y-32.0x160HX-MP450	£23.07
Narrow Chisel - 380mm under collar	Y-32.0x160HX-NC380	£21.56
Narrow Chisel - 450mm under collar	Y-32.0x160HX-NC450	£23.07
75mm Wide Chisel - 380mm under collar	Y-32.0x160HX-75WC380	£38.34
115mm Tarmac Cutter - 300mm under collar	Y-32.0x160HX-115WTC300	£43.87
Clayspade - 135 x 205mm Blade	Y-32.0x160HX-135x205CS	£74.31
Stem for use with 160mm Pad	Y-32.0x160HX-STEM	£44.33

### 28 x 160mm (1⅛" x 6¼") Hex Shank



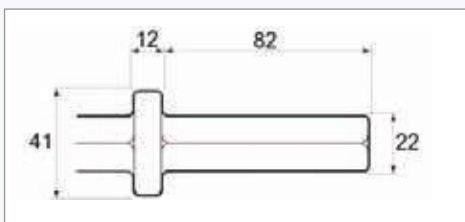
Description	Part number	List
Moil Point - 380mm under collar	Y-28.0x160HX-MP380	£21.56
Moil Point - 450mm under collar	Y-28.0x160HX-MP450	£23.07
Narrow Chisel - 380mm under collar	Y-28.0x160HX-NC380	£21.56
Narrow Chisel - 450mm under collar	Y-28.0x160HX-NC450	£23.07
75mm Wide Chisel - 380mm under collar	Y-28.0x160HX-75WC380	£38.34
115mm Tarmac Cutter - 300mm under collar	Y-28.0x160HX-115WTC300	£43.87

### 25 x 108mm (1" x 4¼") Hex Shank



Description	Part number	List
Moil Point - 380mm under collar	Y-25.0x108HX-MP380	£21.56
Moil Point - 450mm under collar	Y-25.0x108HX-MP450	£23.07
Narrow Chisel - 380mm under collar	Y-25.0x108HX-NC380	£21.56
Narrow Chisel - 450mm under collar	Y-25.0x108HX-NC450	£23.07
115mm Tarmac Cutter - 300mm under collar	Y-25.0x108HX-115WTC300	£43.87

### 22 x 82mm (7/8" x 3¼") Hex Shank

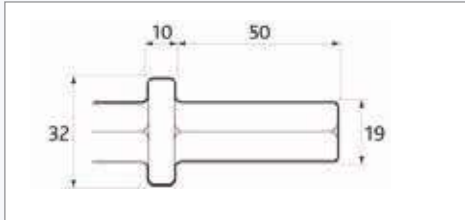


Description	Part number	List
Moil Point - 380mm under collar	Y-22.0x82HX-MP380	£21.56
Moil Point - 450mm under collar	Y-22.0x82HX-MP450	£23.07
Narrow Chisel - 380mm under collar	Y-22.0x82HX-NC380	£21.56
Narrow Chisel - 450mm under collar	Y-22.0x82HX-NC450	£23.07
125mm Asphalt Cutter - 300mm under collar	Y-22.0x82HX-125WTC300	£43.87
Clay Spade - 466mm under collar 100x160 blade	Y-22.0x82HX-CS	£65.91

# Breaker Steels

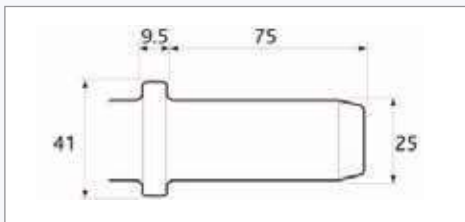
## Pneumatic and Hydraulic - Hex & Round Shank

### 19 x 50mm (¾" x 2") Hex Shank



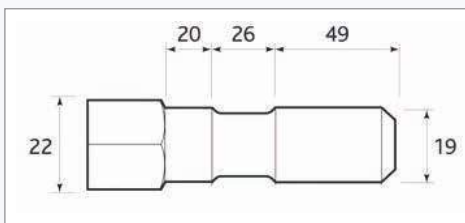
Description	Part number	List
Moil Point - 250mm under collar	Y-19.0x50HX-MP250	£14.68
Narrow Chisel - 250mm under collar	Y-19.0x50HX-NC250	£14.68
60mm Wide Chisel - 230mm under collar	Y-19.0x50HX-60WC230	£22.59

### 25 x 75mm Round Shank



Description	Part number	List
Moil Point - 330mm under collar	Y-25.0x75RS-MP330	£21.56
Narrow Chisel - 330mm under collar	Y-25.0x75RS-NC330	£21.56

### CP9S Shank (Ball Retainer Chuck)

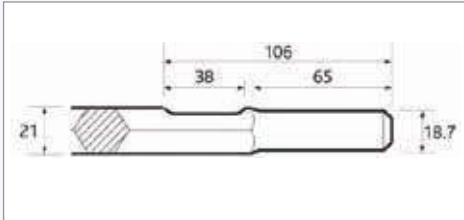


Description	Part number	List
Point - 250mm o/a length	Y-CP9S-P250	£10.77
Narrow Chisel - 250mm o/a length	Y-CP9S-NC250	£10.77
75mm Wide Chisel - 250mm o/a length	Y-CP9S-WC250	£25.16

# Breaker Steels

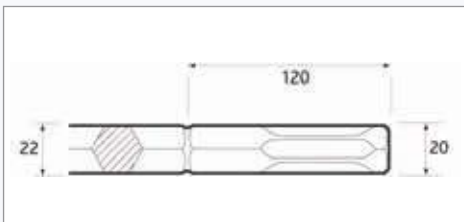
## Kango and Hilti Electric

### Kango 900/950



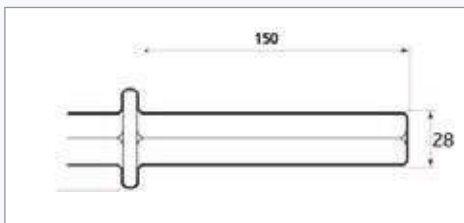
Description	Part number	List
Moil Point - 380mm o/a length	Y-K900/950-MP380	£9.23
Moil Point - 450mm o/a length	Y-K900/950-MP450	£10.48
Narrow Chisel - 380mm o/a length	Y-K900/950-NC380	£9.23
Narrow Chisel - 450mm o/a length	Y-K900/950-NC450	£10.48
50mm Wide Chisel - 300mm o/a length	Y-K900/950-50WC300	£15.94
75mm Wide Chisel - 300mm o/a length	Y-K900/950-75WC300	£16.77
Clayspade - 100 x 165mm Blade	Y-K900/950-CSPADE	£54.52
Stem for floor cleaning tool & pads	Y-K900/950-STEM	£19.29
Scutch Comb Holder	Y-K900/950-SCHOLDER	£37.74

### Hilti 905 & 1000



Description	Part number	List
Moil Point - 500mm o/a length	Y-H905/1000-MP500	£23.07
Narrow Chisel - 500mm o/a length	Y-H905/1000-NC500	£23.07
75mm Wide Chisel - 500mm o/a length	Y-H905/1000-75WC500	£40.69
Clayspade - 100 x 165mm Blade	Y-H905/1000-CSPADE	£62.32
Stem for floor cleaning tool & pads	Y-H905/1000-STEM	£44.66

### Hilti 3000



Description	Part number	List
Moil Point - 520mm o/a length	Y-H3000-MP520	£40.69
Narrow Chisel - 520mm o/a length	Y-H3000-NC520	£40.69
115mm Tarmac Cutter	Y-H3000-115TWC	£91.78

### ACCESSORIES

### Kango & Hilti Electric Breaker Steel Accessories

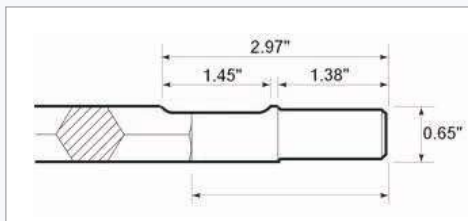
Part number	Description	List
Y-160MM DIAMETER PAD	160mm dia k-taper tamping pads for electric hammer stems	£95.87
Y-FLOOR CLEANING TOOL	Floor cleaning tool for use with electric hammer stems	£109.03
Y-CLEAN BLADE TOOL	Spare 2mm blade for floor cleaning tool	£23.91



# Breaker Steels

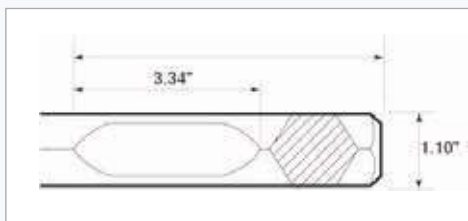
## Bosch Electric

### Bosch 11205



Description	Part number	List
Moil Point - 380mm o/a length	Y-B11205-MP380	£11.74
Narrow Chisel - 380mm o/a length	Y-B11205-NC380	£11.74

### Bosch 11304 USH 27



Description	Part number	List
Moil Point - 450mm o/a length	Y-B11304-MP450	£19.88
Narrow Chisel - 450mm o/a length	Y-B11304-NC450	£19.88
115mm Tarmac Cutter	Y-B11304-115WTC	£60.39

# Air Shovels



High speed pulsing air shovel designed for quickly breaking soil to a loose tilth for easy removal and access to the work area. Fully tested to BS EN 61235 (Insulating hollow tubes for electrical purposes) & IEEE 516-200 (Maintenance & electrical testing of live line tools).

Perfect for exposing high risk utilities for repair with minimal risk of damaging cables, pipes or tree roots.

Excavations can be easily refilled with the loose soil and compacted to the correct level for resurfacing using the Yokota UK Compactor (featured on page 49).

Fully extendable lance from 990 to 1450mm to allow easy access to deeper, harder to reach excavations.

# Air Shovels

## Air Shovel



### Y-UK-AIRSHOVEL

- Fully insulated
- High quality alloy and steel construction
- Safely breaks up soil for easy removal
- Minimal risk of damaging utilities or tree roots
- 8,700 high velocity air pulses per minute maximises soil breakup
- Solid and robust design
- Virtually maintenance free

List £1,650


### Air Shovel supplied with:

- Main pulse generating tool body
- 1 x 500mm Insulated lance extension
- 1 x 530mm straight lance head
- 1 x 530mm 45° cranked lance head
- 4 x high pressure lance tips
- 2 x rubber protection cones



Type	Brand	Length mm	Weight kg	Pulses p/min	Air cons l/sec	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Air Pressure bar	Noise level dB(A)
Y-UK-AIRSHOVEL	Y-UK	1,450	4.5	8,700	33	PT 3/4"	16	2.25	4-12	99

# Armco Repair/Re-tensioning System



The maintenance, repair and installation of Armco barriers on the UK's motorways and highways has long been a time consuming, costly and potentially inaccurate application utilising tools that also directly affects the health and safety of its employees & contractors.

Armco barrier bolts are currently being tightened with the use of high vibration impact wrenches (air powered & electric operated) subsequently this type of tool over tightens to a level that creates stress within the bolts and can cause a potential failure of what is a critically safety component.

The high levels of vibration generated with the use of impact wrenches means that the employee or contractor can only operate these tools for a limited amount of time before reaching the maximum exposure level as stipulated by the Health & Safety Executive. (ELV/EAV/EPH)

**THE solution** – Virtually zero vibration tooling for non-stop operator working time and 100% accurate torque levels. Yokota Impulse Wrenches have been used widely in the assembly industry for many years where high speed and repeatable tightening are a key requirement, coupling this with virtually no vibration or torque kick back makes Yokota's Red Rooster Industrial impulse wrench range one of the safest and most accurate fastening tools on the market today.

# Armco Repair System

**Virtually zero vibration impulse tooling - For non-stop operator working time and 100% accurate re-instatement and re-tensioning torque levels**

**Impulse tools - Bringing automotive technology to construction applications: Remove, Re-instate, Re-tension and Record**



## Remove



## Re-instate



## Re-instate



### MI-17HEG

- Remove stubborn, corroded & over tightened bolts quickly
- High break loose torque output
- Enables speedy removal with low trigger time and low vibration
- 1/2" Drive with 650Nm torque output

List £333

### RRI-70T

- Highly accurate, high speed tightening with a 3/8" square drives
- RRI-70T Set to F01 M6 - 4.6 Grade 15-20 Nm
- Bolts tightened right, first time every time
- No operator health risks associated with exposure to dangerous levels of vibration
- No over tightening of bolts possible
- Single operator per shift capability
- The perfect tool for setting guaranteed torque levels on Armco Z Post fasteners

List £2,959

### RRI-100T

- Highly accurate, high speed tightening with a 1/2" square drives
- RRI-100T Set to F06/7/7A M16 - 8.8 Grade 60-80 Nm
- Bolts tightened right, first time every time
- No operator health risks associated with exposure to dangerous levels of vibration
- No over tightening of bolts possible
- Single operator per shift capability
- The perfect tool for setting guaranteed torque levels on Armco Barrier Beam fasteners

List £3,305

Type	Brand	Square drive	Type*	Bolt capacity mm	Impact-mechanism	RPM	Torque Nm	Power adjustment	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
MI-17HEG	TOKU	1/2"	R	16	Twin-Hammer	5,500	650	R/L 4 Levels	8.3	2.4	PT 1/4"	10	7.4	88
RRI-70T	RRI	3/8" Square	SP	10.0	Impulse	7,200	37.0 - 57.0	R/L 1 Level	7.0	1.35	PT 1/4"	8.0	<2.5	82
RRI-100T	RRI	1/2" Square	SP	12.0 - 14.0	Impulse	5,300	85.0 - 120.0	R/L 1 Level	8.7	1.87	PT 1/4"	11	<2.5	84

\*R - Ring Type

\*SP - Spring Pin

# Armco Re-tensioning System

- The Yokota Armco system uses a 3 stage process – Remove, Re-instate / Re-tension & Record.
- The Red Rooster Industrial Impulse wrenches will quickly, safely, accurately & repeatedly allow for both re-instatement & re-tensioning to be conducted with none of the risks associated with vibration.
- The torque reader & transducer system will, allow for accurate setting of the torque output of the impulse wrenches along with supplying you with fully calibrated & traceable tightening data.



## Re-tension



## Re-tension



## Record



### RRI-80T/RRI-100T/RRI-150T

- Highly accurate, high speed tightening with 3/8" Square and 1/2" square drives
- RRI-80T for retensioning to 50Nm at 20°C / RRI-100T for retensioning to 100Nm at 15°C / RRI-150T for retensioning to 150Nm at 10°C
- Bolts tightened right, first time every time
- No operator health risks associated with exposure to dangerous levels of vibration
- No over tightening of bolts possible
- Single operator per shift capability
- The perfect tool for setting guaranteed torque levels for Armco Barrier retensioning works

List £3,305

### RRI-180T/RRI-200T

- Highly accurate, high speed tightening with a 3/4" square drives
- RRI-180T for retensioning to 200Nm and 250Nm at 5°C to 0°C / RRI-200T for retensioning to 300 /Nm at -5°C
- Bolts tightened right, first time every time
- No operator health risks associated with exposure to dangerous levels of vibration
- No over tightening of bolts possible
- Single operator per shift capability
- The perfect tool for setting guaranteed torque levels for Armco Barrier retensioning works

List £6,578

### Torque Transducer

- Electronic torque data collector
- Rotary transducers available for all applications
- Full traceability and fastener security
- Impulse wrenches set to the correct torque level
- Guaranteed torque level accuracy every time
- All setting information recorded to give full traceability

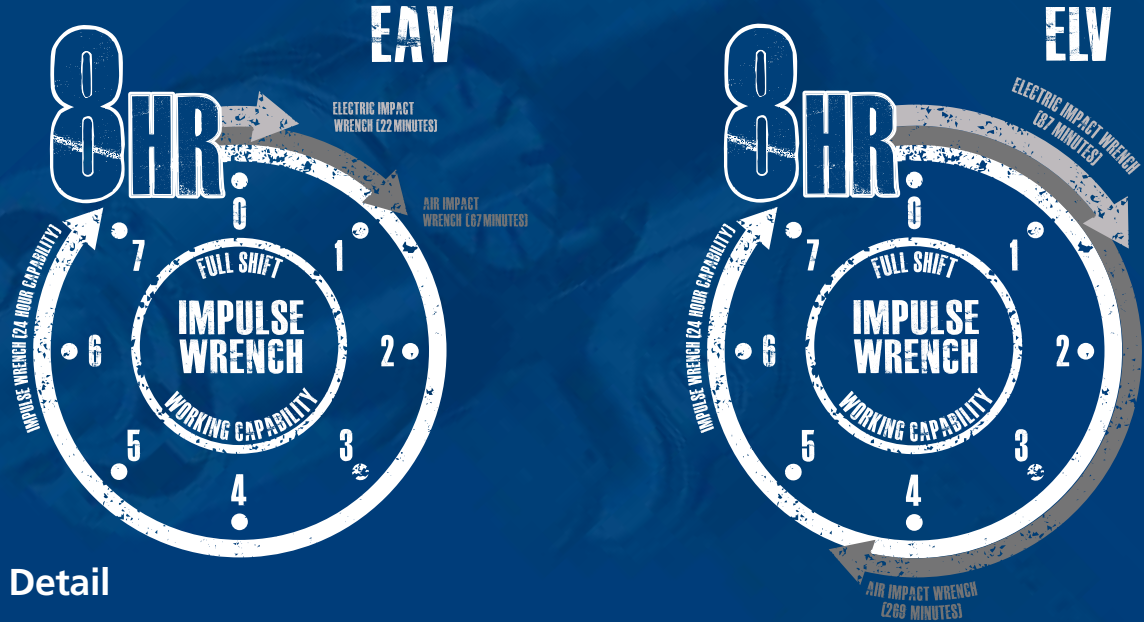
Subject to level required

Type	Brand	Square drive	Type*	Bolt capacity mm	Impact-mechanism	RPM	Torque Nm	Power adjustment	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
RRI-80T	RRI	3/8" Square	SP	10.0-12.0	Impulse	5,100	40.0 - 68.0	R/L 1 Level	9.3	1.21	PT 1/4"	8.0	<2.5	82
RRI-100T	RRI	1/2" Square	SP	12.0-14.0	Impulse	5,300	85.0 - 120.0	R/L 1 Level	8.7	1.87	PT 1/4"	8.0	<2.5	84
RRI-150T	RRI	3/4" Square	SP	16.0	Impulse	3,700	165.0 - 210.0	R/L 1 Level	11.6	3.10	PT 1/4"	11.0	<2.5	86
RRI-180T	RRI	3/4" Square	SP	16.0-18.0	Impulse	2,700	180.0 - 255.0	R/L 1 Level	12.2	3.8	PT 1/4"	11.0	<2.5	86
RRI-200T	RRI	3/4" Square	R+H	18.0-20.0	Impulse	3,000	230.0 - 450.0	R/L 1 Level	26.0	4.25	PT 1/4"	13.0	<2.5	88

\*R+H - Ring + Hole Type

# Virtually Zero Vibration Tightening

Virtually zero ELV restrictions - The Yokota impulse wrench enables users to work all day



## EAV and ELV Detail

### YOKOTA AIR IMPULSE WRENCH

- Unlimited trigger time for operator - shown as 8 hour shifts in diagram - 24 hour in reality

### ELECTRIC IMPACT WRENCH

- EAV = 22 Mins / ELV = 87 Mins


### AIR IMPACT WRENCH

- EAV = 67 Mins / ELV = 269 Mins

## Vibration Levels

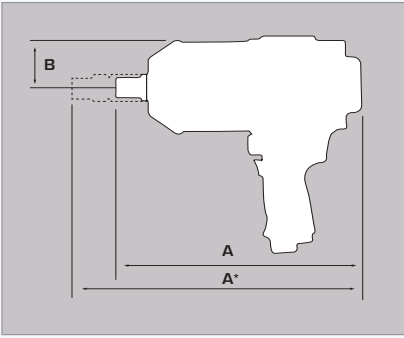
VIBRATION LEVELS	Type	Vibration Magnitude m/s <sup>2</sup> r.m.s	exposure points per hour	Time to reach EAV limit	Time to reach ELV limit
	Impulse wrench	2.5	13	8 hrs	24 hrs+
	Impact wrench	6.7	89	1hr 7 mins	4 hrs 29 mins
	Electric impact wrench	11.7	277	22 mins	1 hr 27 mins

- UKAS certified set up & confirmation of Impulse Wrench settings
- Allows full integration into quality management systems
- Employees can work on projects for longer and be safer



## Technical Data

DIMENSIONS	Type	A mm	A* mm	B mm
	MI-17HEG	178	-	31
	RRI-70T	194	-	26.75
	RRI-80T	195	-	26.75
	RRI-100T	209	-	29.5
	RRI-150T	239	-	36
	RRI-180T	263	-	39
	RRI-200T	250	-	20



# Impact Wrenches

Our impact wrench range is available in ½", ¾" 1" and 1½" square drives covering M16 to M52 bolt sizes and offering a maximum torque level of 5500Nm.

The range covers most assembly and disassembly applications from domestic and commercial vehicle maintenance and civil engineering through to the offshore industry.

The MI-3800 series has a closed hammer impact mechanism designed specifically for the heavy industrial and tool hire sectors. The closed hammer vastly reduces any tool damage risks associated with incorrect use.

All tools featured are manufactured to the highest possible industrial standard, using only the highest quality raw materials and most advanced assembly techniques.



# Impact Wrenches

## Pistol Models

TOKU 



TOKU 



TOKU 



### MI-17HEG

- 1/2" Square Drive
- 650Nm Max Torque output
- Suitable for industrial & vehicle maintenance applications
- Compact & lightweight
- Twin hammer impact mechanism
- 4 level power adjustment
- Exhausts through rubber sealed grip with integrated silencer for increased operator comfort
- Steel hammer case for increased durability

List £333

### MI-20P

- 3/4" Square Drive
- 1,000Nm Max Torque output
- Suitable for industrial & vehicle maintenance applications
- Compact & lightweight
- Twin hammer impact mechanism
- 4 level power adjustment
- Ergonomic & well balanced design
- Exhausts through handle with integrated silencer for increased operator comfort

List £924

### MI-3800PR

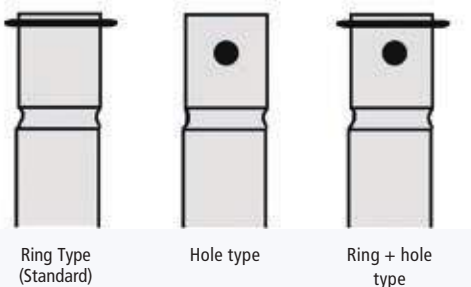
- 1" Square Drive
- 2,100Nm Max Torque output
- Suitable for industrial & commercial vehicle applications
- Closed hammer impact mechanism for enhanced tool protection
- 4 level power adjustment
- Ergonomic & well balanced
- Exhausts through integrated rotating silencer for increased operator comfort

List £1,667

Type	Brand	Square drive	Type*	Bolt capacity mm	Impact-mechanism	RPM	Torque Nm	Power adjustment	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
MI-17HEG	TOKU	1/2"	R	16	Twin-Hammer	5,500	650	R/L 4 levels	8.3	2.4	PT 1/4"	10	7.4	88
MI-20P	TOKU	3/4"	R+H	24	Twin-Hammer	5,000	1,000	R/L 4 levels	9.6	3.9	PT 3/8"	10	4.6	92
MI-3800PR	TOKU	1"	R+H	36	Closed Hammer	4,500	2,100	R/L 4 levels	15.0	9.3	PT 1/2"	13	8.0	84

\* Type: R = Ring type / H = Hole type / R + H = Ring + Hole type

TYPE



Ring Type (Standard)

Hole type

Ring + hole type

### Warning

All 1/2, 3/4 and 1" square drive impact wrenches are fitted with socket retention features. However if any tool is to be used at height or in any potential hazardous area always secure your impact sockets with an Action Pin & Ring set, featured on page 34.

# Impact Wrenches

## Straight Models

TOKU 



### MI-3800ESR

- 1" Square Drive
- 2,100Nm Max Torque output
- Suitable for industrial & commercial vehicle applications
- Closed hammer impact mechanism for enhanced tool protection
- 4 level power adjustment
- Ergonomic & well balanced in-line design

List £1,572

TOKU 



### MI-3800ELR

- 1" Square Drive
- 6" Extended Anvil
- 2,000Nm Max Torque output
- Suitable for truck wheel nut, industrial and commercial vehicle applications
- Closed hammer impact mechanism for enhanced tool protection
- 4 level power adjustment
- Ergonomic & well balanced in-line design

List £1,581

TOKU 



### MI-5500ES

- 1½" Square Drive
- 5,500Nm Max Torque output
- Suitable for industrial, civil engineering & offshore applications
- Dynapact hammer impact mechanism for enhanced tool protection & high power output
- 4 level power adjustment
- Ergonomic & well balanced in-line design

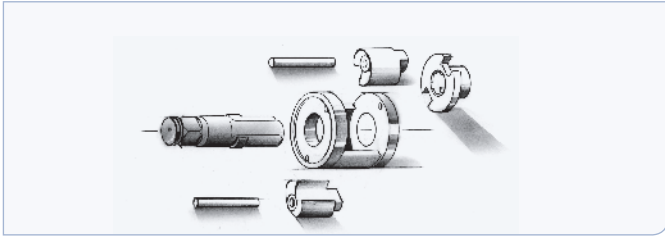
List £3,801

Type	Brand	Square drive	Type*	Bolt capacity mm	Impact-mechanism	RPM	Torque Nm	Power adjustment	Air cons. l/s	Weight kg	Inlet-thread	Hose-diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
MI-3800ESR	TOKU	1"	R+H	36	Closed Hammer	4,500	2,100	R/L 4 levels	15.0	9.3	PT 1/2"	13	8.0	84
MI-3800ELR	TOKU	1"	R+H	36	Closed Hammer	4,500	2,000	R/L 4 levels	15.0	9.9	PT 1/2"	13	8.0	84
MI-5500ES	TOKU	1½"	H	52	Dynapact	2,800	5,500	R/L 4 levels	15.0	18.1	PT 1/2"	13	14.3	109

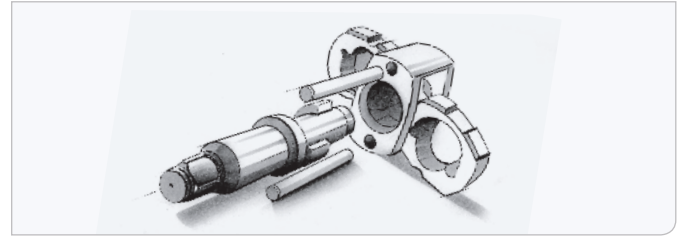
\* Type: H = Hole type, R + H = Ring + Hole Type

# Impact Wrenches

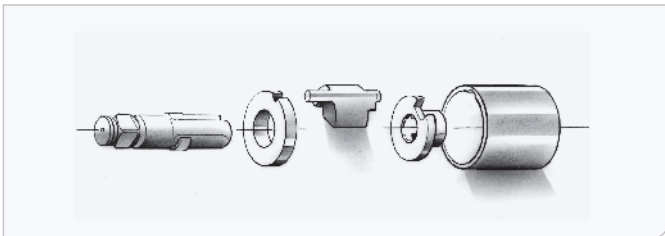
## Impact Mechanisms



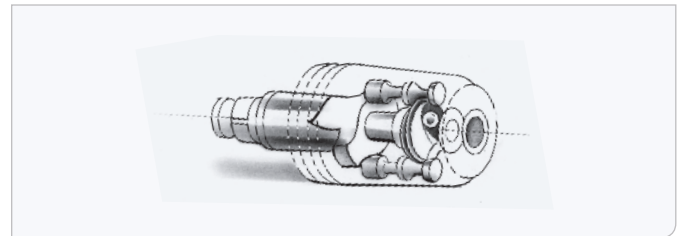
The **2-hammer system** makes 2 impacts per rotation at both sides of the anvil.



The **twin-hammer system** makes 2 impacts per rotation at both sides of the anvil. Same principal as the 2-hammer system, manufactured differently.



The **closed hammer system** is constructed, without a loose hammer pin to prevent breakage. The working principle is based on the **1-hammer system** which makes 1 impact per rotation at both sides of the anvil. This produces greater energy per blow.

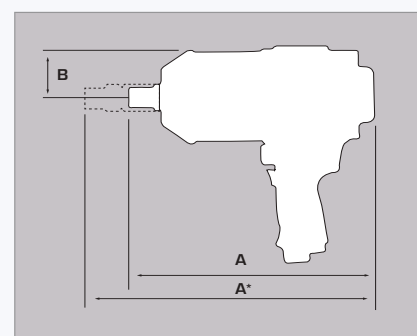
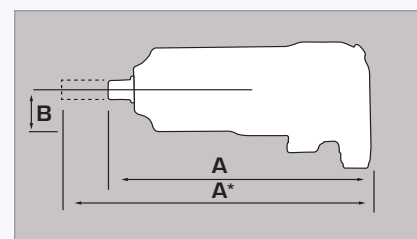


The **Dynapact impact system** has two pins hammering on the anvil, making 1 impact per rotation at both sides of the anvil at the same time. This system gives high torque output and is well balanced.

## Technical Data

DIMENSIONS

Type	A mm	A* mm	B mm
MI-17HEG	178	-	31
MI-20P	215	-	38
MI-3800PR	281	-	55
MI-3800ESR	355	-	55
MI-3800ELR	-	504	55
MI-5500ES	553	-	63



# Impact Sockets

A selection of Impact sockets from our Action range, available in 1/2", 3/4", 1" and 1 1/2" square drives with bolt sizes 8-85mm in both standard and long length. Adapters, extension bars and retaining pin & ring sets are also available.

All Action Impact Sockets are manufactured in accordance with DIN3121 & DIN3129 and the European Regulation - Directive of Machinery 2006/42/EG & ISO11148-6. This states that only impact sockets are to be used in power tools.

Many additional sizes are available to order from our full Action range. Please see the Action Socket Catalogue for further details.

**Warning:**  
*Never use worn sockets. If sockets do not fit correctly this may cause a loss of power and wear on the anvil.*



# Impact Sockets

## 1/2"

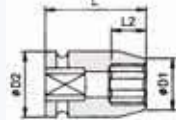
### 6-Point Standard



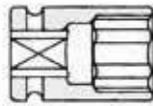
Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm	List	Socket Dimensional Drawing
------	--------	------	-------	-------	------	-------	------	----------------------------

#### Metrical

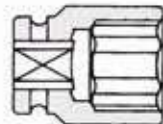
DO2012-0-008	8	A	14.5	24	38	9	£9.05
DO2012-0-009	9	A	16	24	38	12	£9.05
DO2012-0-010	10	A	17	24	38	12	£9.05
DO2012-0-012	12	A	20	24	38	12	£9.05
DO2012-0-013	13	A	21	24	38	12	£9.05
DO2012-0-014	14	A	22	24	38	12	£9.05
DO2012-0-015	15	A	24	24	38	12	£9.05
DO2012-0-016	16	A	25	26	38	12	£9.05
DO2012-0-017	17	A	26	26	38	13	£9.05
DO2012-0-018	18	A	27.5	28	38	13	£10.29
DO2012-0-019	19	A	29	30	38	13	£10.29
DO2012-0-021	21	B	32	32	38	13	£10.29
DO2012-0-022	22	C	32	32	38	13	£10.29
DO2012-0-024	24	C	35	36	45	20	£10.29
DO2012-0-025	25	C	36	36	45	20	£11.32
DO2012-0-027	27	C	39	38	50	22	£11.32
DO2012-0-028	28	C	40	38	50	22	£11.32
DO2012-0-030	30	C	42.5	38	50	22	£12.55



DRAWING A



DRAWING B



DRAWING C

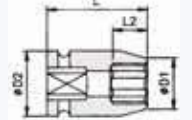
### Long Length



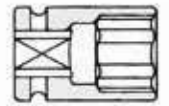
Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm	List	Socket Dimensional Drawing
------	--------	------	-------	-------	------	-------	------	----------------------------

#### Metrical

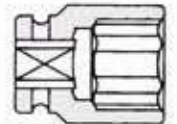
DO2012-1-008	8	A	14.5	24	78	13	£11.32
DO2012-1-009	9	A	16	24	78	14	£11.32
DO2012-1-010	10	A	17	24	78	14	£11.32
DO2012-1-012	12	A	20	24	78	14	£11.32
DO2012-1-013	13	A	21	24	78	14	£11.32
DO2012-1-014	14	A	22	24	78	17	£11.32
DO2012-1-015	15	A	24	24	78	17	£11.32
DO2012-1-016	16	A	25	26	78	17	£11.32
DO2012-1-017	17	A	26	26	78	17	£11.32
DO2012-1-018	18	A	27.5	28	78	17	£12.55
DO2012-1-019	19	A	29	30	78	19	£12.55
DO2012-1-021	21	B	32	32	78	24	£12.55
DO2012-1-022	22	C	32	32	78	24	£12.55
DO2012-1-024	24	C	35	36	78	24	£13.59
DO2012-1-025	25	C	36	36	78	24	£15.86
DO2012-1-027	27	C	39	38	78	54	£15.86
DO2012-1-028	28	C	40	38	78	54	£17.09
DO2012-1-030	30	C	42.5	38	78	54	£17.09



DRAWING A



DRAWING B



DRAWING C

## 3/4"

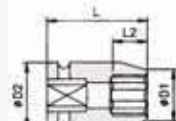
### 6-Point Standard



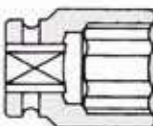
Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm	List	Socket Dimensional Drawing
------	--------	------	-------	-------	------	-------	------	----------------------------

#### Metrical

DO3034-0-013	13	A	25	44	50	9	£20.59
DO3034-0-017	17	A	31	44	50	12	£20.59
DO3034-0-018	18	A	32	44	50	13	£20.59
DO3034-0-019	19	A	33	44	50	13	£20.59
DO3034-0-021	21	A	36	44	50	15	£20.59
DO3034-0-022	22	A	37	44	50	15	£22.65
DO3034-0-024	24	A	40	44	50	16	£22.65
DO3034-0-027	27	A	43	44	54	16	£22.65
DO3034-0-030	30	C	47	44	54	21	£22.65
DO3034-0-032	32	C	49	44	56	21	£22.65
DO3034-0-033	33	C	51	44	56	22	£26.34
DO3034-0-036	36	C	54	44	56	22	£26.34
DO3034-0-038	38	C	57	44	58	24	£29.43
DO3034-0-041	41	C	61	44	58	24	£32.93
DO3034-0-046	46	C	67	44	63	27	£36.02
DO3034-0-050	50	C	71	54	72	35	£43.84



DRAWING A



DRAWING C

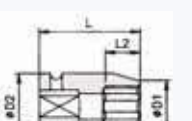
### Long Length



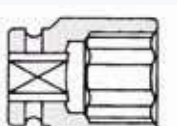
Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm	List	Socket Dimensional Drawing
------	--------	------	-------	-------	------	-------	------	----------------------------

#### Metrical

DO3034-1-013	13	A	25	44	95	133	£34.57
DO3034-1-017	17	A	31	44	95	17	£34.57
DO3034-1-018	18	A	32	44	95	18	£34.57
DO3034-1-019	19	A	33	44	95	19	£34.57
DO3034-1-021	21	A	36	44	95	21	£34.57
DO3034-1-022	22	A	37	44	95	22	£34.57
DO3034-1-024	24	A	40	44	95	24	£34.57
DO3034-1-027	27	A	43	44	95	27	£34.57
DO3034-1-030	30	C	47	44	95	30	£34.57
DO3034-1-032	32	C	49	44	95	32	£34.57
DO3034-1-033	33	C	51	44	95	33	£35.20
DO3034-1-036	36	C	54	44	95	36	£38.50
DO3034-1-038	38	C	57	44	95	38	£39.60
DO3034-1-041	41	C	61	44	95	38	£41.58
DO3034-1-046	46	C	67	44	95	38	£50.63
DO3034-1-050	50	C	71	54	95	38	£71.44



DRAWING A



DRAWING C

# Impact Sockets

1"

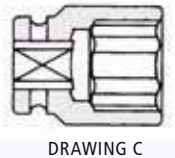
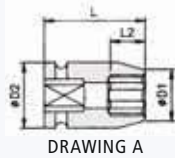
6-Point Standard



Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm	List	Socket Dimensional Drawing
------	--------	------	-------	-------	------	-------	------	----------------------------

Metrical

D04010-0-017	17	A	34	54	58	12	£33.34
D04010-0-019	19	A	35.5	54	58	13	£33.34
D04010-0-022	22	A	40	54	58	15	£33.34
D04010-0-024	24	A	42	54	58	19	£33.34
D04010-0-027	27	A	46	54	58	19	£34.16
D04010-0-028	28	A	47	54	58	19	£34.16
D04010-0-029	29	A	48	54	60	19	£34.16
D04010-0-030	30	A	50	54	60	21	£34.16
D04010-0-032	32	A	52	54	60	21	£34.16
D04010-0-033	33	A	53	54	60	21	£36.24
D04010-0-036	36	C	57	54	65	25	£38.29
D04010-0-038	38	C	59.5	54	67	25	£38.29
D04010-0-042	42	C	65	54	74	27	£47.75
D04010-0-046	46	C	69.5	54	74	30	£47.75
D04010-0-050	50	C	74	54	80	35	£62.36
D04010-0-055	55	C	81	54	84	35	£78.22
D04010-0-060	60	C	87	54	87	42	£85.01



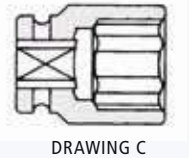
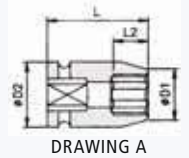
Long Length



Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm	List	Socket Dimensional Drawing
------	--------	------	-------	-------	------	-------	------	----------------------------

Metrical

D04010-1-017	17	A	34	54	100	21	£50.63
D04010-1-019	19	A	35.5	54	100	21	£50.63
D04010-1-022	22	A	40	54	100	21	£50.63
D04010-1-024	24	A	42	54	100	21	£50.63
D04010-1-027	27	A	46	54	100	23	£51.67
D04010-1-028	28	A	47	54	100	23	£51.67
D04010-1-029	29	A	48	54	100	50	£51.67
D04010-1-030	30	A	50	54	100	50	£51.67
D04010-1-032	32	A	52	54	100	50	£51.88
D04010-1-033	33	A	53	54	100	50	£51.88
D04010-1-036	36	C	57	54	100	64	£51.88
D04010-1-038	38	C	59.5	54	100	64	£53.72
D04010-1-042	42	C	65	54	100	64	£57.22
D04010-1-046	46	C	69.5	54	100	62	£62.58
D04010-1-050	50	C	74	54	100	62	£74.53
D04010-1-055	55	C	81	54	100	60	£90.58
D04010-1-060	60	C	87	54	105	77	£113.42



1 1/2"

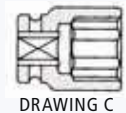
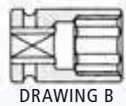
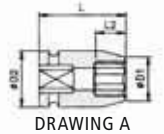
6-Point Standard



Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm	List	Socket Dimensional Drawing
------	--------	------	-------	-------	------	-------	------	----------------------------

Metrical

D05112-0-041	41	A	70	86	80	26	£216.34
D05112-0-046	46	A	76	86	84	27	£216.34
D05112-0-050	50	A	81	87	87	29	£216.34
D05112-0-055	55	B	86	86	90	36	£216.34
D05112-0-056	56	B	86	86	92	38	£216.34
D05112-0-060	60	C	93	86	92	38	£238.17
D05112-0-065	65	C	97	86	95	40	£256.08
D05112-0-070	70	C	105	86	100	43	£276.46
D05112-0-075	75	C	110	86	103	45	£285.73
D05112-0-080	80	C	116	86	110	50	£318.25
D05112-0-085	85	C	125	86	118	55	£366.82



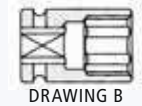
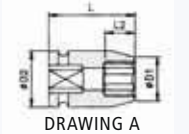
Long Length



Type	A/F mm	DRWG	D1 mm	D2 mm	L mm	L2 mm	List	Socket Dimensional Drawing
------	--------	------	-------	-------	------	-------	------	----------------------------

Metrical

D05112-1-041	41	A	70	86	115	30	£485.39
D05112-1-046	46	A	76	86	115	34	£485.39
D05112-1-050	50	A	81	87	135	36	£485.39
D05112-1-055	55	B	86	86	140	37	£496.09
D05112-1-056	56	B	86	86	140	37	£496.09
D05112-1-060	60	C	93	86	150	41	£641.42
D05112-1-065	65	C	97	86	150	45	£641.42
D05112-1-070	70	C	105	86	160	47	£678.68
D05112-1-075	75	C	110	86	170	51	£753.40
D05112-1-080	80	C	116	86	170	51	£764.52
D05112-1-085	85	C	125	86	170	56	£820.51



# Impact Sockets

## Extension Bars with pin-hole

Type	Square-drive	DRWG	D2 mm	L mm	List	Socket Dimensional Drawing
D07012-0-150	1/2"	D	25	150	£19.34	<p>DRAWING D</p>
D07012-0-300	1/2"	D	25	300	£31.91	
D07034-0-150	3/4"	D	44	150	£40.97	
D07034-0-330	3/4"	D	44	330	£60.31	
D07100-0-150	1"	D	54	150	£58.88	
D07100-0-300	1"	D	54	300	£91.19	
D07112-0-125	1 1/2"	D	86	125	£356.13	
D07212-0-250	1 1/2"	D	86	250	£663.66	

## Adaptors with pin-hole

Type	Square-drive	Outside	DRWG	D2 mm	L mm	List	Socket Dimensional Drawing
D08012-0-034	1/2"	3/4"	E	30	48	£17.09	<p>DRAWING E</p>
D08034-0-012	3/4"	1/2"	E	40	58	£26.15	
D08034-0-100	3/4"	1"	E	40	63	£31.70	
D08100-0-034	1"	3/4"	E	52	80	£36.24	

### ACCESSORIES

#### Pins and Rings

Type	Square-drive	List
D01012-0-000	1/2"	£3.50
D01034-0-000	3/4"	£3.50
D01100-0-000	1"	£4.53
D01112-0-000	1 1/2"	£11.74



### ARMCO RETENSIONING SOCKET

#### 1/2" x 350mm x 36mm

Type	Square-drive	List
Armco Socket	1/2"	£218



# Air Grinders



Suitable for all grinding, cutting and sanding applications, our range of pneumatic angle grinders are designed for use with a range of abrasives from coated abrasive sanding pads to resin bonded cutting and grinding discs. Also suitable for use with a selection of DURO Diamond blades.

Toku 4½", 5" and 9" Angle Grinders offer fully mechanically governed motors to prevent over speeding and increase safety. In addition they incorporate vibration damping side handles to increase operator comfort. The TAG-45MLH and TAG-50MLH also feature an integral spindle lock for single tool wheel change along with adjustable wheel guards.

All tools featured are manufactured to the highest possible industrial standard, using only the highest quality raw materials and most advanced assembly techniques.

# Air Grinders

## Angle Models



### TAG-45FLH / TAG-50FLH

- 4½" Angle Grinder 13,000rpm
- 5" Angle Grinder 12,000rpm
- M14 Spindle
- Compact & lightweight design
- For cutting, grinding & sanding applications
- Suitable for industrial applications
- Vibration damping side handle
- Isolating rubber grip to main tool body
- Silenced exhaust for increased operator comfort

**TAG-45FLH List £667**  
**TAG-50FLH List £667**



### TAG-900QJL

- 9" Angle Grinder 6,500rpm
- Compact & lightweight design
- Two-Handed operation
- For cutting, grinding & sanding applications
- Suitable for industrial applications
- Vibration damping side handle
- Silenced exhaust for increased operator comfort

**List £755**

Type	Brand	Wheel size mm	RPM	Power kW	Spindle (Whitworth) mm	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
TAG-45FLH	TOKU	115 x 22.23	13,000	0.67	M14x2	10.8	1.80	PT 3/8"	10	2.7	83
TAG-50FLH	TOKU	125 x 22.23	12,000	0.67	M14x2	10.8	1.80	PT 3/8"	10	2.7	83
TAG-900QJL	TOKU	230 x 22.23	6,500	1.10	-	16.6	3.10	PT 3/8"	13	3.6	82

# Air Grinders

## Accessories

### Rubber Pads

Used with coated abrasives



For type	Part number	Description	List
TAG-45FLH TAG-50FLH	9310-3008-00-00	Disc 100 x 22.23mm	£21



Rubber pad pictured with TAG series grinder

### Standard Flanges and Outer Wheel Screws



For type	Part number	Description	List
TAG-45FLH TAG-50FLH	42-05-80-H00*	Outer flange	£30
TAG-900 QJL	2700-040-00*	Outer flange	£30
	2700-041-00*	Outer wheel screw	£20

\* Supplied as standard

### M14x2 Quick Nut

For type	Part number	List
TAG-45FLH TAG-50FLH	QN-M14	£43



### Tools for mounting grinding wheels



For type	Part number	Description	List
TAG-45FLH TAG-50FLH	13-40-04-014*	Combi spanner 14 x 19	£8.27
TAG-45FLH TAG-50FLH	13-08-02-147*	Socket bar	£15
TAG-900QJL	8081-0022-00-00*	Spanner H41	£22
TAG-900QJL	9610-1010-00-00*	Hex wrench H10	£6.17

\* Supplied as standard

### Red Rooster ATLUB Oil

All Toku Industrial grinders should be oiled regularly with Red Rooster ATLUB oil. This will significantly increase the lifetime of the air motor and reduce future service costs.



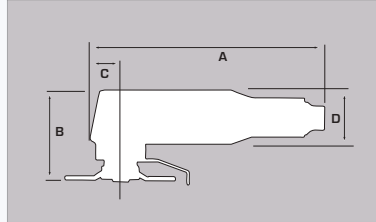
For type	Part number	Description	List
TAG-45FLH TAG-50FLH TAG-900QJL	ATLUB	Lubricating oil	£20

# Air Grinders

## Technical Data

DIMENSIONS

Type	A mm	B mm	C mm	D mm
TAG-45MLH	267	85	33	50
TAG-50MLH	267	85	33	50
TAG-900 QJL	307	103	36	62



### Vibration Control

#### Vibration Damped Angle Grinders - up to 30% less vibration

Toku vibration controlled Angle Grinders are fitted with vibration damping side handles and the TAG-45MLH and TAG-50MLH both have a rubber grip to the main tool body as standard. These features are designed for smoother operation and greater comfort.

By selecting a vibration controlled option you not only decrease any potential health risks to your tool operators but you could also massively increase your productivity levels. Our vibration controlled Angle Grinders offer vibration levels of up to 30% less than the equivalent standard model. This translates to significant increases in the length of time the tool can be used before current EAV and ELV levels are reached. See **page 75** for our **EAV & ELV chart**.



The vibration damping side handle has a strong rubber joint which enables the side handle to flex. This helps reduce the vibration transfer from the main body of the tool to the operator.



Our TAG-45MLH and TAG-50MLH are fitted with an isolating rubber grip to the main body of the tool to further assist with vibration reduction and operator comfort.



### Specially selected by YOKOTAUK

#### Diamond Blades from

A range of high quality Diamond Blades, Abrasive Discs and Saw Blades specifically designed for angle grinders are available to order from DURO.

Available for both cutting and grinding applications and for a range of materials including concrete, brick, natural stone, mortar, tile and more.

115mm (4½"), 125mm (5") and 230mm (9") blades available.

[www.duro-diamonds.com](http://www.duro-diamonds.com)



# Electric Hand Grinders

The newly developed range of handheld concrete grinders with integrated dust shroud are perfect for a wide variety of grinding and levelling applications.

Available in 125mm and 180mm disc diameters, the high power 110V grinders are perfect for the preparation of edges and small areas where larger machines cannot reach.



# Hand Grinders

## Hand Held Grinders For Small Areas / Edges



ACCESSORIES

Specially selected by  YOKOTA UK

### DURO Diamond Grinders

A range of double row and turbo cup grinders for use with hand held grinders. In 125mm and 180mm diameters and in two performance levels.

[www.duro-diamonds.com](http://www.duro-diamonds.com)



### TCG125 / TCG180


- 125mm and 180mm models
- Powerful 110v motor
- Integrated dust extraction shroud with 38mm outlet
- Ideal for levelling
- Ideal for repairing edges
- Ideal for smoothing concrete
- Ideal for removing concrete and adhesives
- For use with double row and turbo cup grinders



List £443 (125mm) / List £630 (180mm)

Type	Brand	Disc Diameter mm	Spindle Thread	Voltage	Power Watts	Disc Speed RPM	Turbo Cup Grind Discs	Double Row Cup Grind Discs	Vibration level m/s <sup>2</sup>	Noise Level dB(A)
TCG125-110V-GRINDER	TRELAWNY	125	M14	110V	1400	9500	✓	✓	6.0	91.0
TCG180-110V-GRINDER	TRELAWNY	180	M14	110V	2000	6600	✓	✓	13.5	91.0

# Needle Scalers



Trelawny vibration reduced  
Industrial needle scalers & chisel  
scalars are available with both  
pistol & in-line body designs.

Our range of 19 & 28 needle  
scalars have tool-less needle  
replacement with quick change  
chisel retainers featuring on  
all chisel scalars. Used widely  
on a large variety of surface  
preparation applications such  
as rust, paint & scale removal,  
concrete removal from plant and  
machinery along with preparing  
and keying surfaces for concrete  
laying.

A full range of service kits,  
replacement needles, chisels and  
dust extraction shrouds are all  
available.

# Needle Scalers

## Needle & Chisel Scalers



RRI-4006VL/VL203

VL203-C

### RRI-4006VL / VL203 / VL203-C

- Suitable for surface preparation and rust, paint, scale & concrete removal
- Good ergonomics and well balanced
- Isolated floating cylinder design for reduced vibration and greater operator comfort
- Tool-less needle replacement
- Low air consumption
- 38mm dust extraction shroud available
- Rubber handgrip for temperature isolation
- VL203-C quick change chisel retainer

**RRI-4006VL List £637**  
**VL203-C List £637**



VL223-N

VL223-C

### VL223-N / VL223-C

- Suitable for surface preparation and rust, paint, scale & concrete removal
- Good ergonomics and well balanced
- Isolated floating cylinder design for reduced vibration and greater operator comfort
- Tool-less needle replacement
- Low air consumption
- 38mm dust extraction shroud available
- Rubber handgrip for temperature isolation
- VL223-C quick change chisel retainer
- In-line body design

**VL223-N List £637**  
**VL223-C List £637**



Type	Brand	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
RRI-4006VL/VL203	TRELAWNY	23.5	34.0	2,400	-	3.2	2.7	PT 1/4"	6.5	2.7	90
VL203-C	TRELAWNY	23.5	34.0	2,400	2.05	3.2	3.2	PT 1/4"	6.5	3.3	95
VL223-N	TRELAWNY	23.5	34.0	2,400	-	3.2	2.35	PT 1/4"	6.5	2.56	90
VL223-C	TRELAWNY	23.5	34.0	2,400	2.05	3.2	2.95	PT 1/4"	6.5	3.69	76

# Needle Scalers

## Needle & Chisel Scalers



RRI-4007VL / VL303

VL303-C

### RRI-4007VL / VL303 / VL303-C

- Suitable for surface preparation and rust, paint, scale & concrete removal
- Good ergonomics and well balanced
- Isolated floating cylinder design for reduced vibration and greater operator comfort
- Tool-less needle replacement
- Low air consumption
- 38mm dust extraction shroud available
- Rubber handgrip for temperature isolation
- VL303-C quick change chisel retainer

**RRI-4007VL List £677**



### VL303-KIT

- Kit includes:
- RRI-4007 VL (VL303) Needle Scalar
- Replacement needle set
- Chisel adapter
- Chisel adapter anvil
- 19&64 mm wide cutting chisels
- High quality storage case

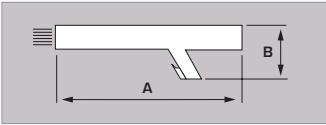
**VL303-KIT List £875**

Type	Brand	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
RRI-4007VL / VL303	TRELAWNY	34.4	30.5	3,000	-	2.6	3.5	PT 1/4"	6.5	2.3	90
VL303-C	TRELAWNY	34.4	30.5	3,000	8.79	2.6	3.4	PT 1/4"	6.5	3.7	78

# Needle Scalars

## Technical Data

DIMENSIONS	Type	A mm	B mm
	RRI-4006VL / VL203	340	190
	VL203-C	340	190
	VL223-N	370	70
	VL223-C	340	70
	RRI-4007VL / VL303	330	190
	VL303-C	330	90



## Accessories

### Dust Extraction Shroud



For type	Part number	Description	List
RRI-4006VL / VL203-C / VL223-N/C	RRI-4006 VL-DS (418.2003)	Dust extraction shroud	£128
RRI-4007VL / VL303-C	RRI-4007 VL-DS (418.3003)	Dust extraction shroud	£128

### Service Kit

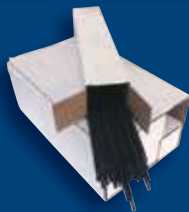


For type	Part number	Description	List
RRI-4006VL / VL203-C / VL223-N/C	RRI-4006 VL-SKIT (446.2003)	Service Kit	£163
RRI-4007VL / VL303-C	RRI-4007 VL-SKIT (446.3003)	Service Kit	£163

### Spare Needle Sets

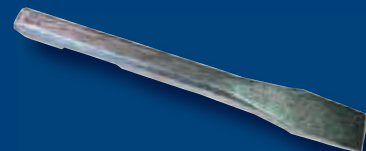
RRI-4006VL / VL203-C / VL223-N/C;  
19 needles

RRI-4007VL / VL303-C;  
28 needles



For type	Part number	Description	List
RRI-4006VL / VL203-C / VL223-N/C	RRI-4006 VL-6X19-NEEDLES (413.2119)	3mm Chisel Tip needle 6 cartons of 19	£98
RRI-4006VL / VL203-C / VL223-N/C	RRI-4006 VL-1X19-NEEDLES	3mm Chisel Tip needle 1 carton of 19	£19
RRI-4007VL / VL303-C	RRI-4007 VL-6X28-NEEDLES (413.2128)	3mm Chisel Tip needle 6 cartons of 28	£139
RRI-4007VL / VL303-C	RRI-4007 VL-1X28-NEEDLES	3mm Chisel Tip needle 1 carton of 28	£27

### Chisels



Part number	Description	List
704.3101	19x178	£23
704.3103	64x178	£35

# Scabblers



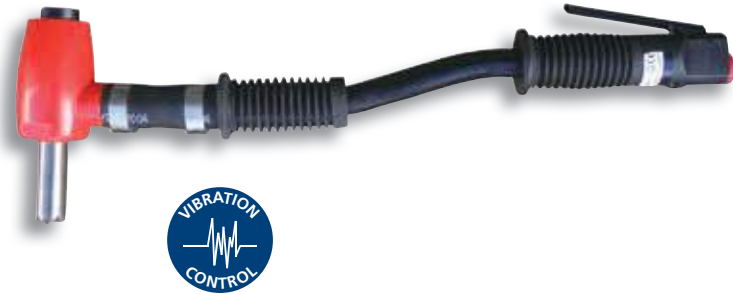
Our single and triple head scabblers have been specially selected to complement our construction range and represent the best in surface preparation on the market today.

The single piston model is fitted with a flexible jointed scabbling head to reduce vibration and is ideal for smaller or more detailed work areas. The triple piston version provides triple the output and is more suited to preparing larger areas.

Both tools are suitable for surface preparation prior to secondary concrete laying or repairing of cracks.

# Scabblers

## Single Head Scabblers



### Y-UK-SINGLE-SCAB (VLSH1)

- Suitable for surface preparation including concrete laying or repairing of cracks
- Good ergonomics & well balanced
- Low air consumption
- Flexible jointed scabbling head for vibration reduction and greater operator comfort
- Fitted with single cruciform tungsten carbide tipped replaceable piston
- Rubber handgrip for temperature isolation



List £365

## Triple Head Scabblers



### Y-UK-TRIPLE-SCAB (SH3)

- Suitable for surface preparation including concrete laying or repairing of cracks
- Suited to preparing larger surface areas
- Good ergonomics & well balanced
- Low air consumption
- Fitted with three cruciform tungsten carbide tipped replaceable pistons
- Rubber handgrip for temperature isolation
- 38mm dust extraction shroud available



List £750

Pictured with dust extraction shroud

Type	Brand	Length mm	Blows p/min	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
Y-UK-SINGLE-SCAB	TRELAWNY	520	2,800	5.6	2.85	PT 3/8"	10	4.6	91
Y-UK-TRIPLE-SCAB	TRELAWNY	485	2,400 x 3	7.5	5.2	PT 3/8"	10	8.7	98

### ACCESSORIES

#### Cruciform & Bush Piston



For type	Part number	Description	List
SCABLERS	Y-UK-SCAB-PISTON (612.5320)	Carbide tipped cruciform piston	£69
SCABLERS	612.5325	Carbide tipped bush piston	£69
SCABLERS	Y-UK-SCAB-SEAL (614.5301)	Brush Seal	£7

#### Dust Extraction Shroud



For type	Part number	Description	List
Y-UK-TRIPLE-SCAB	Y-UK-SCAB-DS (437.5300)	Dust Extraction shroud	£417

# Compactor / Pole Scabblers



Our Back Fill Compactor / Pole Scabblers has been specially selected to complement our Construction range.

One of the most powerful tools for both concrete surface preparation and back-fill tamping in and around deep foundations and utility poles. Available with the option of a 5" round compactor foot or a 5/9 pin tungsten carbide concrete scabbling head.

This vibration controlled tool has a vibration level of just 3.5m/s<sup>2</sup> and is HAUC (Highways Authorities & Utility Committee) compliant.

Suitable for pathway and highway reinstatement applications and capable of compacting up to 2.19 tonnes/m<sup>3</sup>.

# Compactor / Pole Scabblers

## Low Vibration Back Fill Compactor / Pole Scabbler



### Y-UK-COMPACTOR / Y-UK-LVPS5P/9P

- Suitable for pathway & highway reinstatement applications and concrete surface preparation
- Good ergonomics and well balanced
- Option of 5" round, 100mm square compactor foot or 5/9 point tungsten carbide concrete scabbler head
- Air cushion vibration damping system for smooth operation and greater operator comfort
- Compact and lightweight
- Up to 1,300 Blows per minute
- 1,270mm overall length
- Low air consumption

List £1,493

### Replacement Heads

#### Square Compactor Foot

Part number	
Y-UK-COMPACT-FOOT-SQ (450.5011)	
Description	List
100mm square compactor foot	£138



#### 5" Round Compactor Foot

Part number	
Y-UK-COMPACTOR-FOOT (450.5017)	
Description	List
5" round compactor foot	£138



#### 5 Point Head

Part number	
Y-UK-LVPS-5PHEAD (441.5359)	
Description	List
5 pin tungsten carbide concrete scabbler head	£100



#### 9 Point Head

Part number	
Y-UK-LVPS-9PHEAD (441.5369)	
Description	List
5 pin tungsten carbide concrete scabbler head	£100



\*Supplied as a complete unit with compactor and detailed head type

Type	Brand	Weight kg	Length mm	Blows p/min	Air cons. l/s / CFM	Inlet-thread	Hose diameter mm	Head type	Vibration m/s <sup>2</sup>	Noise Level dB(A)
Y-UK-COMPACTOR-SQ*	TRELAWNY	21.5	1,270	1,300	11.8 / 24.9	PT 3/4" - claw	12	Square Foot	3.5	98.0
Y-UK-COMPACTOR*	TRELAWNY	21.5	1,270	1,300	11.8 / 24.9	PT 3/4" - claw	12	5" Round Foot	3.5	98.0
Y-UK-LVPS5P*	TRELAWNY	21.5	1,270	1,300	11.8 / 24.9	PT 3/4" - claw	12	5 Point Head	4.2	98.0
Y-UK-LVPS9P*	TRELAWNY	21.5	1,270	1,300	11.8 / 24.9	PT 3/4" - claw	12	9 Point Head	4.2	98.0

# Scrapers



Our 5ft Scraper has been specially selected to complement our Construction range.

Suitable for quickly clearing large areas of floor tiles and general chipping applications. The tool features quick change chuck and has very low air consumption. Can be operated with a 2Hp compressor.

Multiple blades available.

# Scrapers

## 5ft Long Reach Scraper



### Y-UK-5FT-SCRAPER

- Suitable for clearing large areas of tiles & general chipping applications
- Good ergonomics and well balanced
- 5ft overall length
- Air cushion vibration damping system for greater operator comfort
- Up to 2,200 Blows per minute
- 5.9kg weight
- Low air consumption

List £645



#### ACCESSORIES

#### Scraper Chisel Blade

Part number	
Y-UK-5FT-S-BLADE-2 (705.1106) (2")	
Y-UK-SCRAPER-BLADE (705.1102) (4")	
Description	List
2" Chisel blade	£48
4" Chisel Blade	£55



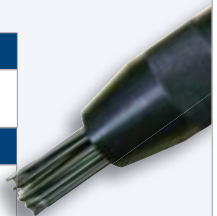
#### Scraper Blade

Part number	
Y-UK-5FT-S-B-THIN4 (431.3504)	
Y-UK-5FT-S-B-THIN8 (431.3508)	
Description	List
4" Scraper blade	£87
8" Scraper blade	£91



#### Needle Scaler

Part number	
Y-UK-SCRAPER-NEEDLE (415.3532)	
Description	List
Needle Scaler Attachment	£209



Please note scraper blade / chisel blade / needle attachment are not included with tool but are available to order separately - please see above

Type	Brand	Weight kg	Length mm	Blows p/min	Air cons. l/s / CFM	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
Y-UK-5FT-SCRAPER	TRELAWNY	5.9	1,400	2,200	2.1 / 4.4	PT 1/4"	10	11.4	95.9

# Floor Stripper

**YOKOTA UK present the most robust floor stripper in it's class.**

**The TFS230 utilises rapid and precise slide movement for high performance stripping.**

**The TFS230 is designed for the removal of linoleum, carpet vinyl and other floor coverings.**

**With other features allowing a reduction in machine downtime and the ability to perform onsite maintenance.**



# Floor Stripper

## Floor Stripper

### TFS230

- The kinetic slide mechanism for a rapid and precise movement for high performance stripping
- The TFS230 is designed for the removal of linoleum, carpet vinyl and other floor coverings
- 110V machine
- 2 easy access greasing points reduce machine downtime and allows onsite maintenance
- 4 position foot operated pedal for a range of blade angles to suit various applications
- Robust construction with sealed under carriage to withstand rough site use
- Front support wheels for easy operation and transportation
- Height adjustable handle for added operator comfort
- Fitted with a lifting handle for ease of transportation
- Replacement 5 pack of standard blades are available (Part No. 323.3509 - £173.00)
- Replacement 5 pack of winged U blades are available (Part No. 323.3510 - £173.00)

List £1,904



Winged U blades Part No. 323.3510



Standard blades Part No. 323.3509



**NEW**



Type	Brand	Weight kg	Working Width mm	Motor RPM	Electric Ampage	Width mm	Length mm	Height mm	Output Power W	Transformer	Vibration m/s <sup>2</sup>	Noise level dB(A)
TFS230	TRELAWNY	54	230	1400	16A	335	875	705	1500	3Kva	11.5	82

\* Replacement blades available to order

\*\* This is a 110V machine.

# Multi-Headed Concrete Floor Scabblers

Our Multi-Headed Concrete Floor Scabbler has been specially selected to complement our Construction range.

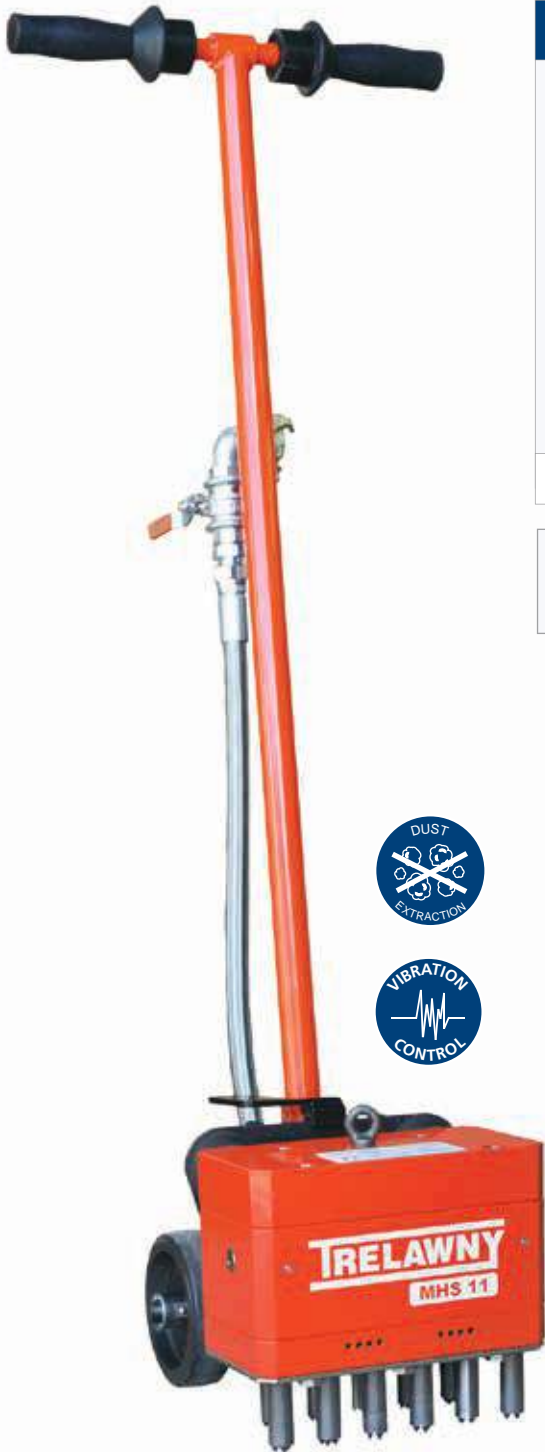
One of the most portable and highly productive methods of concrete keying and laitance removal.

This vibration controlled machine has been developed in conjunction with the CITB (Construction Industry Training Board).

Features such as low vibration and heavy body are coupled with the ability to apply 24,000 light blows per minute. This enables this machine to deliver productivity in excess of 30m<sup>2</sup>/hour - in scabbling and laitance removal - without damaging the substrate.

# Multi-Headed Concrete Floor Scabblers

## Concrete Keying and Laitance Removal



### MHS11

- Compact design for ease of transport
- Robust build quality to withstand construction environments
- 24,000 light blows per minute
- 3 point vibration damping system for operator comfort
- Low air consumption - enables use of small compressor
- 250mm cutting width
- Developed in conjunction with the CITB
- 1.29m High
- Ideal for laitance removal from large floor areas
- Ideal for roughing concrete prior to resurfacing
- Ideal for bridge deck preparation for waterproofing

List £5,385

See accessories for MHS11 on page 58.  
Replacement brush seal available - 614.5302 - LIST PRICE £7



Type	Brand	Weight kg	Width / Cut mm	Blows p/min	Air cons. l/s / CFM	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise Level dB(A)
MHS11	TRELAWNY	70	285/250	11 x 2200	26 / 54.5	PT 3/4" - claw	12	4.96	97

# Multi-Headed Concrete Floor Scabblers

## Fast Concrete Removal - Rough Finish



### MHS5

- 5 x 50mm (2") heads operate at 1300BPM delivering aggressive demolition power
- Robust build quality to withstand construction environments
- Adjustable handle
- Vibration reduced
- Built in dead mans handle
- Internal components sealed from dust
- Large wheels for rough terrain
- Ideal for reducing high spots / levelling floors
- Ideal for texturing bridge decks for sealants
- Ideal for roughening surfaces to anti slip floors / overlays
- Ideal for breaking down hard coatings prior to floor blast cleaning

List £6,380

See accessories for MHS5 on page 58.

MHS5 is supplied with 5 point head as standard. Replacement 5 point heads and alternate 9 point heads can be ordered separately.



Type	Brand	Weight kg	Width / Cut mm	Blows p/min	Air cons. l/s / CFM	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise Level dB(A)
MHS5	TRELAWNY	114	720/290	5 x 1,300	38 / 80.0	PT 3/4" - claw	12	16.5	94.7

# Multi-Headed Concrete Floor Scabblers

## Accessories



### ACCESSORIES

#### Replacement Piston



For type	Part number	Description	List
MHS11	612.0125	Carbide tipped piston bush hammer head	£68

### ACCESSORIES

#### Replacement 5 Point Head



For type	Part number	Description	List
MHS5	Y-UK-LVPS-5PHEAD (441.5359)	5 pin tungsten carbide concrete scabber head	£100

### ACCESSORIES

#### Replacement 9 Point Head



For type	Part number	Description	List
MHS5	Y-UK-LVPS-9PHEAD (441.5369)	9 pin tungsten carbide concrete scabber head	£100

### ACCESSORIES

#### Dust Extraction Shroud



For type	Part number	Description	List
MHS11	437.0120	Dust extraction shroud	£381

# Floor Grinders

Our range of rotating single and dual disc floor grinders have been specially selected to compliment our construction range of tools.

Available in both petrol and 110V electric versions, the machines are designed for the preparation and levelling of small & medium concrete floors. Also suitable for aggressive grinding applications.



# Floor Grinders

## Floor Grinder - Single Rotating Disc - Petrol / Electric



### TCG250

- Safety deadmans switch fitted as standard
- Low vibration mounts
- Floating skirt for efficient dust containment
- Entry level & 'Rapid Grind' models available
- Parking stand to protect dust skirt and keep tooling off the surface immediately following operation
- Water Injection system to enable 'Wet Grind' Option
- Flexible disc mount allows the machine to grind smoothly following contours of the floor including uneven expansion points
- Polishing & removing grease and ice deposits from cold stores
- Smoothing and levelling concrete / levelling concrete high spots
- Repairing rain damaged concrete slabs
- 50mm dust extraction ready

List £3,440 (Petrol) - List £3,684 (Electric)



Type	Brand	Weight kg	Cutting Width mm	Disc RPM	Power Source	Engine Type	Disc Plate Size mm	Width / Height mm	Output Power	Transformer	Vibration m/s <sup>2</sup>	Noise Level dB(A)
TCG250-PETROL	TRELAWNY	90	250	1070	Petrol	Honda GXV 160	250	450/980	5.5HP-4.1Kw	-	5.6	91
TCG250-110V	TRELAWNY	90	250	1070	110V Electric	-	250	450/980	2.5HP-1.8Kw	5Kva	2.4	86

Floor grinding plates available to order on page 62

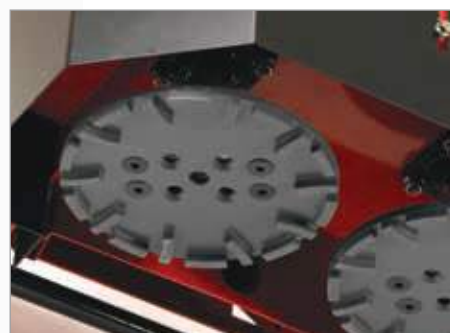
# Floor Grinders

## Floor Grinder - Dual Rotating Discs - Petrol / Electric

### TCG500

- Safety deadmans switch fitted as standard
- Vibration damping
- Flexible coupling for grinding heads
- Safety cold start (petrol machines only)
- Special integrated rubberised weight plate system
- Remove coatings, adhesives and debris from floors
- Remove ice and oil build up from cold store floors
- Remove high spots from concrete
- Smooth and level concrete
- Grind terrazzo floor tiles
- 50mm dust extraction ready

List £4,454 (Petrol) - List £4,246 (Electric)



Type	Brand	Weight kg	Cutting Width mm	Disc RPM	Power Source	Engine Type	Disc Plate Size mm	Width / Height mm	Output Power	Transformer	Vibration m/z <sup>2</sup>	Noise level dB(A)
TCG500-PETROL	TRELAWNY	150	590	360	Petrol	Honda GXV 160	2 x 250	660/914	5.5HP-4.1Kw	-	6.3	91
TCG500-110V	TRELAWNY	114	590	360	110V Electric	-	2 x 250	660/914	3HP-2.2Kw	5Kva	2.36	86

Floor grinding plates available to order on page 62

# Floor Grinders

## Floor Grinding Plates

Specially selected by  YOKOTAUK

ACCESSORIES

### DURO Floor Grinding Plates

A range of 10, 16 and 20 segment high quality diamond grinding plates for use with the TCG250 and TCG500 range of floor grinders. All DURO floor grinding plates have 10mm segments.

Part number	Description	List
Y-UK-250FGP10	10 segment	£239
Y-UK-250FGP16	16 segment	£268
Y-UK-250FGP20	20 segment	£289



[www.duro-diamonds.com](http://www.duro-diamonds.com)



### Grinding Plate Fixing Screws

Part number	Description	List
350.9141	C/Sunk Socket Screws (4 per set)	£3.90

ACCESSORIES

### Quick Release Diamond Plate

Part number	Description	List
350.5660	250mm 6 Tool QR Grinding Plate to suit TCG Grinders	£131



### Removal Grinding

Part number	Description	List
365.5495L	PCD Removal Diamond Anti Clockwise For removal of coatings, adhesives & toppings (TCG500)	£88
365.5495R	PCD Removal Diamond Clockwise For removal of coatings, adhesives & toppings(TCG250/500)	£88
365.5500	16 Grit Single (Quick Release) Soft Bond For very course grinding and thin coatings removal	£53
365.5500/2	16 Grit Double (Quick Release) Soft Bond For very course grinding and thin coatings removal	£73



### General Grinding & Levelling


Part number	Description	List
365.5501	30 Grit Single (Quick Release) Soft Bond For Hard Concrete	£41
365.5502	30 Grit Single (Quick Release) Medium Bond For Medium Hardness Concrete	£41
365.5503	30 Grit Single (Quick Release) Hard Bond For Soft Concrete or very rough concrete	£41
365.5501/2	30 Grit Double (Quick Release) Soft Bond For Hard Concrete	£53
365.5502/2	30 Grit Double(Quick Release) Medium Bond For Medium Hardness Concrete	£53
365.5503/2	30 Grit Double (Quick Release) Hard Bond For Soft Concrete or very rough concrete	£53



### Application Chart

Product	Medium grinding of concrete floors	Coarse grinding of concrete floors	Prepare for application of vinyl or tiled floors	Remove Polyurethanes	Remove Epoxies	Remove adhesive, bitumen, carpet backing	Remove ice & oil build up	Grind Asphalt
365.5495L				✓	✓	✓	✓	
365.5495R				✓	✓	✓	✓	
365.5500		✓		✓	✓	✓		
365.5500/2		✓		✓	✓	✓		
365.5501	✓		✓	✓	✓			
365.5502	✓							
365.5503	✓							✓
365.5501/2	✓		✓	✓				
365.5502/2	✓							
365.5503/2	✓							✓

# Floor Planer / Scarifiers



The TFP-200 range of scarifiers are suited to small to medium jobs with the TFP260 offering a wider drum with a 6mm depth of cut for larger more demanding applications.

The rugged steel chassis throughout the range guarantees a strong, stable machine suitable for accurate surface preparation of concrete and steel surfaces, removing coatings, levelling and texturing.

The TFP-200 is also our most popular machine for equipment hire fleets, with the TFP-260 the machine of choice for surface preparation contractors & specialised hire depots. With a versatile range of power options together with simple operation and maintenance makes them the machines of choice for a demanding industry.

# Floor Planer / Scarifiers

## Floor Planer

### TFP200

- 3mm Cutting depth
- 195mm Cutting width
- Safety deadmans switch fitted as standard
- Vacuum adaptor fitted as standard
- Fully adjustable handle-bar: provides greater operator comfort
- Choice of power source: electric or petrol
- Accurate depth control: improves overall performance and extends cutter assembly life
- Drum consists of multiple high impact carbide tipped heads
- Ideal for removal of: rust / scale / paint / adhesives
- Ideal for removal of deposits from steel and concrete surfaces in preparation for re-coating
- Ideal for creating keyed or grooved profiles for non-slip surface applications
- 50mm dust extraction ready

List £2,941 (Petrol) / List £3,187 (Electric)



See accessories for TFP200 on page 66.



Type	Brand	Weight kg	Working Width mm	Cutter Speed	Max Cutting Depth mm	Power Source	Engine Type	Height mm	Cycle Hz	Transformer	Output Power	Vibration m/s <sup>2</sup>	Noise level dB(A)
TFP200-PETROL	TRELAWNY	59	195	1833	3	Petrol	Honda GX	900	-	-	4.5HP-4.1Kw	10	95
TFP200-110V	TRELAWNY	68	195	1650	3	Electric 110V	-	900	50	5Kva	3HP-2.2Kw	10	95

# Floor Planer / Scarifiers

## Floor Planer



### TFP260

- 6mm Cutting depth
- 250mm Cutting width
- Suitable for larger areas where greater depth of cut is required
- Safety deadmans switch fitted as standard
- Vacuum adaptor fitted as standard
- Fully adjustable handle-bar: provides greater operator comfort
- Choice of power source: electric 415v-3ph or petrol
- Accurate depth control: improves overall performance and extends cutter assembly life
- Drum consists of multiple high impact carbide tipped heads
- Ideal for removal of: rust / scale / paint / adhesives
- Ideal for removal of deposits from steel and concrete surfaces in preparation for re-coating
- Ideal for creating keyed or grooved profiles for non-slip surface applications
- 50mm dust extraction ready

List £6,820 (Petrol) / List £6,730 (Electric)



See accessories for TFP260 on page 66.



Type	Brand	Weight kg	Working Width mm	Cutter Speed	Max Cutting Depth mm	Power Source	Engine Type	Height mm	Cycle Hz	Output Power	Vibration m/s <sup>2</sup>	Noise level dB(A)
TFP260-PETROL	TRELAWNY	185	250	1,500	6	PETROL	Honda GX	1,010	50/60	8HP-6Kw	8.8	102
TFP260-415V	TRELAWNY	185	250	1,500	6	ELECTRIC 415v-3ph	-	1,010	50/60	7.5HP-5.5Kw	2.4	102

\*TFP260-415v is a 3ph machine

# Floor Planer / Scarifiers

## Accessories

ACCESSORIES

### Drum Replacement

For type	Part number	Description	List
TFP200	TCT-DRUM-ASSEMBLY (320.1020ST)	Complete replacement planer drum inc. TCT heads	£389
TFP260	326.1016ST	Complete replacement planer drum inc. TCT heads	£1,766



### TCT Cutters

For type	Part number	Description	List
TFP200	320.5500	TCT cutter	£5.00
TFP260	320.7009	TCT cutter	£7.90

\*TFP200 - 80 per set / TFP260 - 123 per set



### Washers

For type	Part number	Description	List
TFP200	320.4140	Spacer	£1.00
TFP260	320.4160	Spacer	£1.64

\*TFP200 - 90 per set / TFP260 - 129 per set



# Saws



The Red Rooster Industrial saw range includes our pneumatic 14" Chain Saw, Large Diameter Pipe Cutting Saw for extended heavy industrial use and our compact RRI-8205 Reciprocating Saw for smaller cutting applications.

These pneumatic saws are lighter and more powerful than other types of cutting tools available and are suitable for use in areas where electric or petrol saws can not be safely operated.

The saws featured are complemented by a full range of accessories including our high quality HSS and chain saw blades and optional pipe clamps to suit the RRI-8460.

# Saws

## Chain Saw



### RRI-8560

- Suitable for heavy industrial use
- Tool can be used in wet environment
- Safety lever start
- 7.6kg weight
- 14" blade
- 340mm cutting capacity
- Low vibration
- Handgrip in isolating rubber cover

List £3,777

Type	Brand	Length saw blade inch	Max capacity mm	RPM	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
RRI-8560	RRI	14"	340	18,000	1.5	50	7.6	BSP 3/4"	19	< 2.5	98

## Pipe Saw



### RRI-8460

- Suitable for heavy industrial use
- Large selection of blades available to order
- Safety lever start
- Capacity steel: 45-530mm
- Low vibration - 1.7m/s<sup>2</sup> vibration level
- 6 and 12" pipe clamps available

List £2,933

Type	Brand	Capacity steel Ø mm	Strokes p/min	Stroke mm	Power kW	Air cons. l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
RRI-8460	RRI	45-530	300	65	1.1	20	8.0	BSP 3/4"	19	1.7	82

## Reciprocating Saw



- Supplied in blown vinyl case complete with blades and universal air inlet joint
- Complete with universal swivel joint for greater manoeuvrability

### RRJ-8205

- Suitable for industrial use and heavier cutting jobs
- Low vibration
- Plastic layer over housing offering good thermal isolation
- Safety lever start
- Handgrip in isolating rubber cover
- Up to 5,000 strokes per minute
- Max steel cutting capacity 10mm
- Max aluminium cutting capacity 12mm

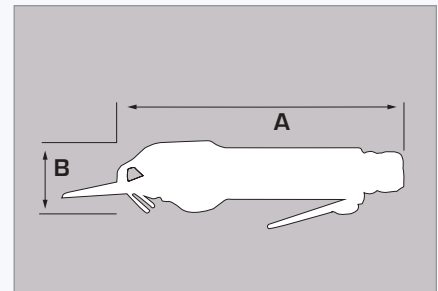
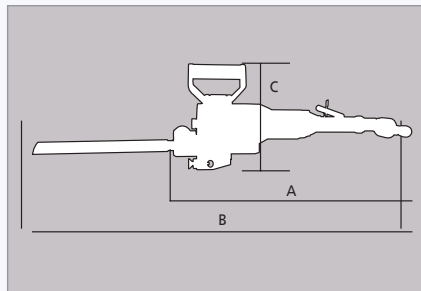
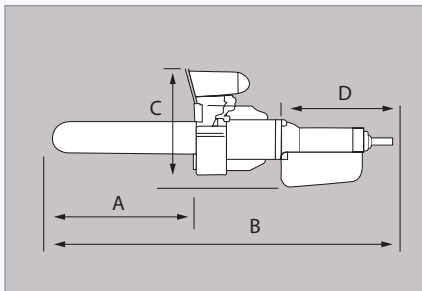
**List £373**

Type	Brand	Capacity steel mm	Capacity aluminium mm	Strokes min	Stroke mm	Power kW	Air cons l/s	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
RRJ-8205	RRI	10	12	5,000	25	0.25	2.8	0.96	PT 1/4"	6.5	3.5	79

## Technical Data

### DIMENSIONS

Type	A mm	B mm	C mm	D mm
RRI-8560	340	650	20	200
RRI-8460	460	537	240	-
RRI-8205	367	65	-	-



### ACCESSORIES



#### For RRI-8560

Description	Part number	Manufacturer	List
Saw blade	140SPET041 DZ	Oregon	£144
Chain	91VLX	Oregon	£66



#### For RRI-8205

Description	Part number	Tpi	List
5-pack saw blades	8205-524-00	24 teeth/inch	£39
5-pack saw blades	8205-518-00	18 teeth/inch	£39



#### For RRI-8460

Description	Part number	Size	Tpi	List
Pipe clamp	8460-200-00	6"	-	£608
	8460-201-01	12"	-	£717
HSS-saw blades	Z22-10	200 x 25 x 1.5	16 teeth/inch	£13
	Z22-6	300 x 25 x 1.5	16 teeth/inch	£15
	Z22-7	400 x 25 x 1.5	16 teeth/inch	£20
	Z22-72	500 x 28 x 2.0	14 teeth/inch	£37
	Z22-31	300 x 25 x 1.5	12 teeth/inch	£16
	Z22-30	530 x 28 x 1.5	12 teeth/inch	£30
	Z22-9	200 x 25 x 1.5	8 teeth/inch	£13
Z22-29	400 x 25 x 1.5	8 teeth/inch	£20	
HSS-saw blade Carbide coated	Z22CT-06	300 x 25 x 2.0	16 teeth/inch	£76
USE FOR: CONCRETE, GLASS, HARDENED STEEL AND MORE				

# Various Tools & Accessories

Our programme is completed with a range of accessories.

In this section you will find:

- Engraving Pen
- Blows Guns
- Combi-Kit
- Lubricating Oil
- Claw Couplers
- Whip Check



# Various Tools & Accessories

## Engraving Pen



### RRI-9010

- Tungsten carbide tip
- Suitable for steel, bronze, alloys, copper and stainless steel
- Available with fine, medium or coarse needles (medium size delivered as standard)

**List £344**

Type	Brand	Needle diameter mm	Strokes p/min	Air cons. l/sec	Weight kg	Inlet-thread	Hose diameter mm	Vibration m/s <sup>2</sup>	Noise level dB(A)
RRI-9010	RRI	1.7	36,000	0.5	0.25	R 1/4"	4	0.7	62

## Blow Guns



VMG11WF02



RRI-21930



### VMG11WF02 / RRI-21930

- Two tools available
- RRI-21930 suitable for basic applications
- VMG11WF02 available with interchangeable nozzles from 1-2.5mm

**RRI-21930 List £21**  
**VMG11WF02 List £66**

Type	Brand	Air cons. l/sec	Weight kg	Inlet-thread	Hose diameter mm
RRI-21930	RRI	5	0.2	PT 1/4"	6.5
VMG11WF02	SMC	1 - 6 *	0.2	PT 1/4"	6.5

\* Depending on nozzle size, to be ordered separately, see below.

### ACCESSORIES

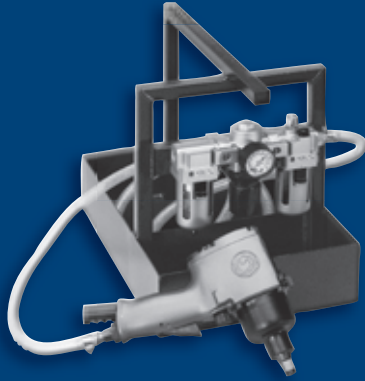
For type	Part number	Description	List
RRI-9010	2-01-011-90	Engraving needle, fine	£81
	2-01-011-91*	Engraving needle, medium	
	2-01-011-92	Engraving needle, coarse	
VMG11WF02	KN-R02-100	Nozzle diameter 1 mm	£9.44
	KN-R02-150	Nozzle diameter 1.5 mm	
	KN-R02-200	Nozzle diameter 2 mm	
	KN-R02-250	Nozzle diameter 2.5 mm	

\* Supplied as standard

# Various Tools & Accessories

## Air Treatment & Air Line Accessories

### Combi-Kit



Protect your tools with our Combi-Kit carrier. Fitted with our high quality 3/4" SMC Filter, Regulator and Lubricator kit (AC40-F06E3/4). This will ensure your tools are supplied with clean, lubricated air at the correct air pressure.

Part number	Description	List
KIT-100-KIT (with AC40-F06E3/4)	Combi-kit (40.5 x 25.5 x 32cm)	£468

### Lubricating Oil



Protect your tools with our ATLUB Lubricating Oil. ATLUB is a water soluble synthetic lubricant developed specifically for pneumatic tools and is effective down to -25°C. ATLUB can be used in all in-line and Microfog lubricator systems.

- Protection against wear, corrosion and oxidation
- Prevents ice particles forming in pneumatic tools and machinery
- Excellent cleaning properties
- Excellent protection against deposit in pneumatic systems
- Fully compatible with synthetic seals and gaskets

Part number	Description	List
ATLUB	Lubricating oil	£20

### Claw Couplers



High quality steel European double lock claw couplers. Available to suit all Yokota UK, Toku and Red Rooster tools featured.

Part number	Description	List
Y-UK-CC-1/4M	1/4" Male claw coupler	£13
Y-UK-CC-3/8M	3/8" Male claw coupler	£13
Y-UK-CC-1/2M	1/2" Male claw coupler	£8
Y-UK-CC-1/2F	1/2" Female claw coupler	£8
Y-UK-CC-3/4M	3/4" Male claw coupler	£8
Y-UK-CC-3/4F	3/4" Female claw coupler	£8

### Whip Check & Hoses



Whip Check

Whip Hose

550mm steel air hose restraining device for safely preventing accidents associated with hoses being accidentally disconnected.

Part number	Description	List
Y-UK-WHIPCHECK	Whip check	£6
Y-UK-2MWHIPHOSE1/4	1/4" 2m whip hose	£44
Y-UK-2MWHIPHOSE3/8	3/8" 2m whip hose	£44

# Torque Values

## Guideline values for tightening torques

DIN 267*		3.6	4.6	4.8	5.8	8.8	10.9	12.9
Bolt	Socket size	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm
M1.6	-	0.05	0.065	0.086	0.11	0.17	0.24	0.29
M2	-	0.10	0.13	0.17	0.22	0.35	0.49	0.58
M2.2	-	0.13	0.017	0.23	0.29	0.46	0.64	0.77
M2.5	-	0.20	0.26	0.35	0.44	0.70	0.98	1.20
M3	-	0.35	0.46	0.61	0.77	1.20	1.70	2.10
M3.5	-	0.55	0.73	0.97	1.20	1.90	2.70	3.30
M4	7	0.85	1.1	1.5	1.9	2.9	4.1	4.9
M5	9	1.7	2.2	3.0	3.7	6	8.5	10
M6	10	2.9	3.9	5.1	6.4	10	14	17
M8	13	7	9.3	12	16	25	35	41
M10	17	14	19	25	31	49	69	83
M12	19	24	32	43	54	86	120	145
M14	22	39	51	68	86	135	190	230
M16	24	59	79	105	130	210	295	355
M18	27	81	110	145	180	290	405	485
M20	30	115	155	205	255	410	580	690
M22	32	155	205	275	345	550	780	930
M24	36	265	200	350	440	710	1,000	1,200
M27	41	295	390	520	650	1,050	1,500	1,800
M30	46	395	530	710	880	1,450	2,000	2,400
M33	50	540	720	960	1,200	1,900	2,700	3,250
M36	55	690	920	1,250	1,550	2,450	3,450	4,150
M39	60	920	1,200	1,600	2,000	3,200	4,500	5,400
M42	65	1,100	1,500	1,950	2,450	3,950	5,550	6,650
M45	70	1,400	1,850	2,450	3,100	4,950	6,950	8,350
M48	75	1,700	2,250	3,000	3,750	5,950	8,400	10,100
M52	80	2,150	2,900	3,850	4,800	7,650	10,800	12,900
M56	85	2,700	3,600	4,800	5,950	9,550	13,400	16,100
M60	90	3,350	4,450	5,950	7,400	11,900	16,700	20,000
M64	95	4,000	5,350	7,150	8,950	14,300	20,100	24,100
M68	100	4,850	6,500	8,650	10,800	17,300	24,300	29,100

**\*Please note:**

These torque values are guidelines only and are calculated with friction factor 0.125.

# ELV & EAV Chart

ELV - Daily Exposure Limit Value / EAV - Daily Exposure Action Value						ELV & EAV Chart				
Product Code	Page no.	Vibration m/s <sup>2</sup>	Exposure Points (per hr)	Time to reach EAV (hrs:mins)	Time to reach ELV (hrs:mins)	Time (hours:minutes) - ELV ■ EAV ■				
						5:00	10:00	15:00	20:00	25:00
AA-1.3BRH	6	10	200	0.30	2.00	■				
THA-2BRH	6	11.6	269	0.22	1.29	■				
THA-4BRH	6	11.6	269	0.22	1.29	■				
Y-UK-5HDH H	8	9.27	172	0.35	2.20	■				
Y-UK-10HDHVC H	8	5.05	51	1.58	7.51	■				
Y-UK-10HDHVC R	8	5.05	51	1.58	7.51	■				
TCD-20	9	16	512	0.12	0.47	■				
Y-UK-12HDHVC H	9	5.6	63	1.35	6.23	■				
Y-UK-12HDHVC R	9	5.6	63	1.35	6.23	■				
TPB-40SV	12	5.5	61	1.39	6.37	■				
TPB-501SV	12	5.3	56	1.47	7.07	■				
Y-UK20PBVC	13	5.1	52	1.55	7.41	■				
Y-UK25PBVC	13	5.2	54	1.51	7.24	■				
Y-UK25PBVC-32	13	5.2	54	1.51	7.24	■				
Y-UK30PBVC	13	5.3	56	1.47	8.10	■				
TJ-15SV LBS	16	7.0	98	1.01	4.05	■				
TJ-20SV LBS	16	10.8	233	0.26	1.43	■				
Y-UK AIRSHOVEL	24	2.25	10	9.53	24.00	■				
RRI-80T to RRI-200T	26-27	<2.5	13	24.00	24.00	■				
MI-17HEG	30	7.4	110	0.55	3.39	■				
MI-20P	30	4.6	42	0.22	9.27	■				
MI-3800PR	30	8	128	0.47	3.08	■				
MI-3800ESR	31	8	128	0.47	3.08	■				
MI-3800ELR	31	8	128	0.47	3.08	■				
MI-5500ES	31	14.3	409	0.15	0.59	■				
TAG-45FLH	38	2.7	15	6.42	24.00	■				
TAG-50FLH	38	2.7	15	6.42	24.00	■				
TAG-900QJL	38	3.6	26	3.51	15.26	■				
TCG-125	42	6	72	1.23	5.33	■				
TCG-180	42	13.5	365	0.16	1.06	■				
RRI-4006 VL	44	2.7	15	6.52	24.00	■				
VL-203-C	44	3.3	22	4.35	18.22	■				
VL-223-N	44	2.56	13	7.38	24.00	■				
VL-223-C	44	3.69	27	3.40	14.41	■				
RRI-4007 VL	45	2.3	11	13.51	24.00	■				
VL-303-C	45	3.7	27	3.39	14.37	■				
Y-UK-SINGLE-SCAB	48	4.6	42	2.10	8.41	■				
Y-UK-TRIPLE-SCAB	48	8.7	151	0.40	2.39	■				
Y-UK-COMP / SCAB	50	3.5 / 4.2	25 / 35	4.50	16.20	■				
Y-UK-5FT-SCRAPER	52	11.4	260	0.23	1.32	■				
TFS230	54	11.5	265	0.23	1.31	■				
MHS11	56	4.96	49	2.20	8.08	■				
MHS5	57	16.5	545	0.11	0.44	■				
TCG-250 Petrol	60	5.6	63	1.16	5.02	■				
TCG-250 110v	60	2.4	12	24.00	24.00	■				
TCG-500 Petrol	61	6.3	79	5.12	20.49	■				
TCG-500 110v	61	2.36	11	19.32	24.00	■				
TFP-200 Petrol	64	10	200	0.30	2.00	■				
TFP-200 110v	64	10	200	0.30	2.00	■				
TFP-260-E	65	2.4	12	7.38	24.00	■				
TFP-260-P	65	8.8	155	4.35	18.22	■				
RRI-8560	68	<2.5	13	8.00	24.00	■				
RRI-8460	68	1.7	6	17.18	24.00	■				
RRJ-8205	69	3.5	25	4.50	16.20	■				
RRI-9010	72	0.7	1	24.00	24.00	■				

# Repair & Service

**From the Yokota UK service centre at our Sheffield head office we are able to offer you full service, repair & preventative maintenance.**

Our fully equipped air tool test & service area allows us to fully access & repair any pneumatic tool, rectifying any faults. Our highly skilled technicians are on hand to repair and refurbish tools from any manufacturer in close working relationships with our client's service & production departments to ensure zero down time.

We offer full & detailed quotations for any type of air tool, along with preventative maintenance schedules and advice on the correct plan of action in prolonging the service life of your tools.

From heavy construction tools through to hi-capability tightening systems, we breathe new life into any tool.

- Free no obligation quotations
- 3 month comprehensive warranty on all work carried out
- Fully traceable repair history through our quality management systems
- Only OEM spare parts used
- Complete maintenance advice service



# Warranty

Our warranty covers all material defects and/or construction faults of the manufacturer. The replacement of parts or repair must be undertaken by an official Yokota/Toku/Red Rooster service centre and is free of charge when the tool is covered by warranty. Carriage or postage is the responsibility of the account holder/ customer.

Damage attributed to normal wear and tear, overloading or incorrect use is excluded from warranty. Replacement tools or claims for loss of production as a consequence of a warranty claim is not included in the warranty agreement. Repairs under warranty can only be considered, when the tool is in its original state and it is accompanied by the purchase invoice.

Warranty claims have to be made through the distributor, who has supplied the tool concerned. We reserve the right to make specification changes to our products without prior notification. Warranty conditions are based on an 8 hour working day.

The warranty period from the date of purchase is as follows:

- 24 months: Yokota UK, heavy duty hammers and breakers
- 12 months: Yokota, Red Rooster, Trelawny & Toku industrial air tools & machines
- 3 months: On repairs and replaced spare parts, which are repaired by our official service workshops.



# Maintenance & Use

## How to use

Please take the following points into consideration before using new air tool(s):

- We advise you to oil your tool at regular intervals using ATLUB fully synthetic resin and acid free lubrication
- Always check, before connecting the hose to the tool, that both the air hose and fittings are in a good state of repair and the latter is free of any dirt or debris
- Make sure that the air is dry and clean
- We advise you to use the correct size air treatment set (FLR) and a correctly adjusted lubricator
- When using an FLR set it is advisable that the length of the hose from the FLR and tool does not exceed 8 metres (26ft)

## Air consumption

Please factor in the air consumption of a tool and how the tool is to be used when selecting a compressor. If a tool is to be used intermittently the compressor will be required to provide a lesser volume of air than if the tool is to be used continuously. Included in the technical data for each of our tools is the volume of air used by the tool when run for 60 seconds (l/s). Please ensure your chosen compressor is able to provide the volume required.

If an under sized compressor is used your tool will not only under perform but the compressor is likely to be overworking. This could lead to premature servicing or even breakdown.

## Please note

### *When using tightening tools*

All torque values published are based on a system producing 6.3bar of pressure with the correct volume of compressed air being delivered to the tool. Please also be aware that in some cases applications that have gaskets, rubber seals or other soft joint types differing torque values could be achieved.

## Maintenance

- Always drain water from the air piping and compressor tank daily
- Always check that the lubricators are filled with ATLUB air tool oil

## Pressure is too low!

### *If the air supply to the tools is too low it could reduce the performance of the tool*

If the pressure is too low the tool will show reduced performance and precision, resulting in slow starting and lower productivity. 1 Bar pressure reduction means 25% power loss!

#### Low pressure may occur if:

- The capacity of the compressor is insufficient
- The air piping has been fitted incorrectly
- If incorrect hose size is used
- There are air leaks
- The air treatment equipment is not functioning properly and/or is not set correctly
- The wrong size hose nipples or quick couplers are being used
- The receiver tank is too small

## Quality of the air

Poor quality air can result in expensive production downtime and costly repair. Always ensure that the compressed air supplied to your tools is clean, dry, well lubricated and regulated. This will vastly increase the service intervals and lift all of your pneumatic equipment.

#### Poor air quality can be caused by:

- Lack of necessary air treatment equipment (FLR)
- Poor quality and/ or incorrect installation of the air treatment equipment
- Lack of maintenance of the air treatment equipment

# Terms & Conditions

## Conditions of Sale – YOKOTA UK Limited

### 1. Definitions

- 1.1 "Buyer" means the person who buys or agrees to buy the goods from the seller
- 1.2 "Conditions" means the terms and conditions of sale set out in this document and any special terms and conditions agreed in writing by the seller
- 1.3 "Delivery date" means the date specified by the seller when the goods are to be delivered
- 1.4 "Goods" means the articles which the buyer agrees to buy from the seller
- 1.5 "Price" means the price for the goods excluding carriage, packing, insurance and VAT
- 1.6 "Seller" means YOKOTA UK Limited of Sheffield in the county of South Yorkshire.

### 2. Conditions Applicable

- 2.1 These conditions shall apply to all contacts for the sale of goods by the seller to the buyer to the exclusion of all other terms and conditions including any terms of purchase or similar documentation supplied by the buyer at point of order.
- 2.2 All orders for goods shall be deemed to be an offer by the buyer to purchase goods pursuant to these terms.
- 2.3 Acceptance of delivery of goods shall be deemed conclusive evidence of the buyer's acceptance of these conditions.

### 3. Price & Payment

- 3.1 The price shall be the sellers quoted price. The price is exclusive of VAT at the current rate.
- 3.2 Payment of the price and VAT shall be due and payable on the date shown on the invoice. Time for payment shall be of the essence.

### 4. The Goods

- 4.1 The quantity and description of the goods shall be as set out in the seller's quotation.

### 5. Warranties and liability

- 5.1 The seller warrants that the goods will at the time of delivery correspond to the description given by the seller.
- 5.2 It is the responsibility of the buyer to return any faulty goods sufficiently packaged so as to avoid damage in transit, along with the original documentation to the seller's address shown in clause 1.6 above. No refund will be issued until the goods are received as aforesaid.

- 5.3 In the event that upon inspection or testing the returned goods are found to be free of any faults, the seller may refuse to issue a full refund or make a reasonable charge for time spent.

### 6. Delivery of Goods

- 6.1 Delivery of goods shall be made to the buyer's address or as instructed by the buyer on the delivery date. The buyer shall make all arrangements to accept delivery of the goods whenever they are tendered for delivery.
- 6.2 While the seller will endeavour to deliver the goods by any date or within any period agreed upon, such dates and periods are only estimates given in good faith and the seller will not be liable for any failure to deliver by such a date or within such a period. The seller will also not be liable for any costs arising from such failure.

### 7. Acceptance of Goods

- 7.1 The buyer shall be deemed to have accepted goods 48 hours after delivery to the buyer.
- 7.2 After acceptance the buyer shall not be entitled to reject goods, which are not in accordance with the contract.

### 8. Title and Risk

- 8.1 The goods shall remain the property of the seller until the buyer has paid for the goods in full including VAT at the current rate.
- 8.1.1 No other sums whatever shall be due from the buyer to the seller.
- 8.2 The goods shall be at the buyers risk as from delivery.
- 8.3 Until property of the goods passes to the buyer in accordance with clause 8.1, the buyer shall hold the goods and each of them on a fiduciary basis as bailee for the seller. The buyer shall store the goods (at no cost to the seller) separately from all other goods in its possession and marked in such a way that they are clearly identifiable as the seller's property.
- 8.4 Notwithstanding that the goods (or any of them) remain the property of the seller, the buyer may sell or use the goods in the course of the buyers ordinary business at full market value for the account of the seller. Any such sale or dealing shall be a sale or use of the seller's property by the buyer on the buyer's own behalf and the buyer shall act as principal whilst making such sales or dealings. Until property of the goods passes to the buyer the entire proceeds of sale or otherwise of the goods shall be held in trust for the seller and shall not be mixed with any other money or paid into any overdrawn bank account and shall be at all material times identified as the sellers money.
- 8.5 The seller shall be entitled to recover the price including VAT not withstanding that the property in any of the goods has passed from the seller.
- 8.6 Until such time as the property of the goods transfers to the buyer from the seller, the buyer shall upon request deliver such goods as have not ceased to be in existence or resold to the seller. If the buyer fails to do so the seller may enter upon any premises owned occupied or controlled by the buyer where the goods are situated and repossess the goods. On the making of such a request the rights of the buyer under clause 8.4 shall cease.
- 8.7 The buyer shall not pledge or in any way charge by way of security for any indebtedness any of the goods, which are the property of the seller. Without prejudice to the other rights of the seller, if the buyer does so all sums whatever owing by the buyer to the seller shall forthwith become due and payable.
- 8.8 The buyer shall insure and keep insured the goods to the full price against "all risks" to the reasonable satisfaction of the seller until the date that the property of the goods passes to the buyer and shall whenever requested by the seller produce a copy of the policy of insurance. Without prejudice to the other rights of the seller, if the buyer fails to do so all sums whatever

- owing by the buyer to the seller shall forthwith become due and payable.
- 8.9 The buyer shall promptly deliver the prescribed particulars of this contract to the registrar in accordance of the companies act 1985 part XII as amended. Without prejudice to the other rights of the seller, if the buyer fails to do so all sums whatever owing by the buyer to the seller shall forthwith become due and payable.
9. Remedies of Buyer
- 9.1 Where the buyer rejects any goods then the buyer shall have no further rights whatever in respect of the supply to the buyer of such goods or the failure by the seller to supply goods which conform to the contract of sale.
- 9.2 Where the buyer accepts or is deemed to have accepted any goods then the seller shall have no liability whatever to the buyer in respect of those goods.
- 9.3 The seller shall not be liable to the buyer for late delivery or short delivery of the goods. The provisions of this clause shall apply to rights claims or liability arising directly, consequently or otherwise.
10. Proper Contract of Law
- 10.1 This contract is subject to the law of England and Wales.
11. Order Value and Carriage Terms
- Minimum carriage paid order value is £150.00 net for most UK mainland post codes.
  - Ireland, Isle of Man, Channel Islands and other UK post codes - minimum carriage paid order value is £250.00 net.
  - Standard transportation will be NEXT WORKING DAY
  - Alternative transportation services are available on all orders as detailed below (net values):
    - NEXT WORKING DAY - £9.00 (free of charge for orders over £150.00)
    - NEXT WORKING DAY BEFORE 12.30PM - £12.00 (£6.00 for orders over £150.00)
    - NEXT WORKING DAY BEFORE 10.30AM - £17.00 (£8.00 for orders over £150.00)
    - NEXT DAY SATURDAY BEFORE 12.30PM - £34.00 (£25.00 for orders over £150.00)
  - Trelawny surface preparation machines >50kg are shipped via a pallet service, standard next day delivery will be free of charge for orders over £150.00
  - Next Day before 12.00pm £20.00 orders above £150.00
  - Next Day Saturday before 12.00pm £40.00 orders above £150.00
  - Every effort will be made to dispatch orders received before 4.30pm on the same day however this cannot be guaranteed.
  - The above timings do not apply to Ireland, Isle of Man and some Scottish regions. These are generally a 2 day service however this cannot be guaranteed.
  - Delivery times for Channel Islands are generally 2 days but this cannot be guaranteed.

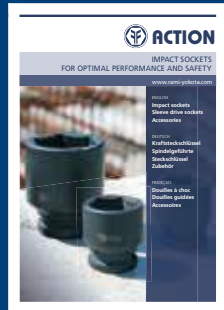
© Yokota UK - June 2018

## GDPR Compliance

The GDP (General Data Protection Regulation) strengthens data protection rules across all of the European Economic Area and gives residents greater control over their personal data. Yokota UK have taken steps to ensure the full security of any data that we hold are fully compliant in the GDPR regulations that have come into force on the 25th May 2018. Please contact our Compliance Manager on 01909 552471 with any questions that you may have regarding this. Our full data protection policy can be found at [www.yokota.co.uk](http://www.yokota.co.uk)



**Air Tools Catalogue**  
Full range of air tools & accessories



**Action Brochure**  
Impact sockets for optimal performance & security



**Air Tools Industrial & Automotive Catalogue**  
Range of industrial & automotive air tools



**Yokota and Red Rooster Assembly Tools**  
Professional tools for faster assembly



**DURO 2018/19 Catalogue** Power tool accessories for cutting, drilling, grinding & breaking

## Yokota UK

Yokota UK Ltd / Low Common Road  
Brooklands Park Industrial Estate  
Dinnington / Sheffield / S25 2RJ

T: 01909 552471

F: 01909 552472

E: [info@yokota.co.uk](mailto:info@yokota.co.uk)

[www.yokota.co.uk](http://www.yokota.co.uk)

A range of the highest quality synthetic diamond, carbide, abrasive and hardened steel power tool accessories, with over 1200 line items for cutting, drilling, grinding and breaking, are available from our sister company DURO UK Ltd.

