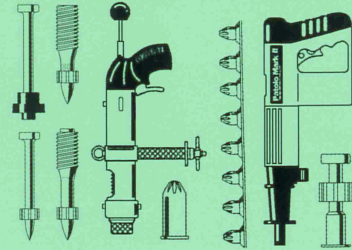


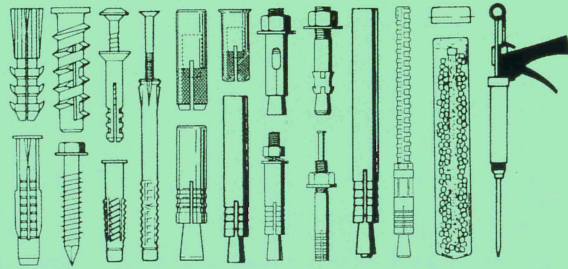
Fastening Systems

Products Introduction

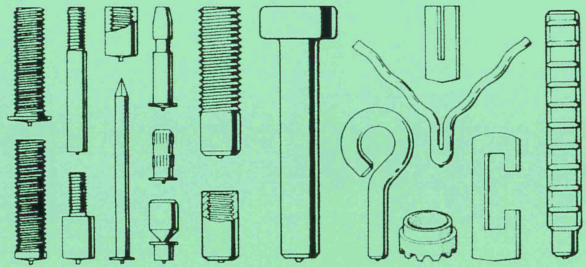
POWDER ACTUATED TOOLS & PINS



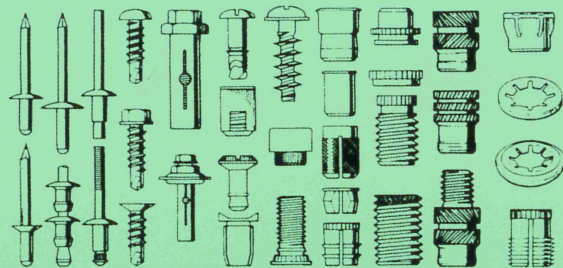
MASONRY ANCHORS



STUD WELDERS & STUDS



RELIABLE INDUSTRIAL FASTENERS



JDI FASTENING (S) PTE LTD

Subsidiary of JAPAN DRIVE-IT CO., LTD.

日本ドライビットの原点



ドライビット440型



バトロマークⅡ型



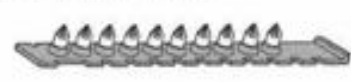
ドライビットM1型 (水中銃)



びょう



空包 (単発)

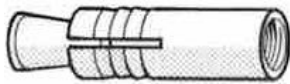


空包 (連発)

JAPAN DRIVE-IT CO., LTD. was established in 1953. We produced rivet guns to use for constructions for the first time in Japan. The company named "Drive-It" was derived from the rivet gun as it drives the pin into the concrete or metal plate. It is the starting point of the pursuit of a unique fastening technique.

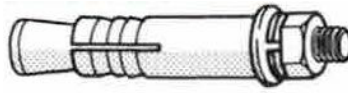
Expansion Anchor

JA Anchor



Thread : M6~M22, W1/4~7/8
Outer dia. : 10.5~28.5mm

DS Anchor



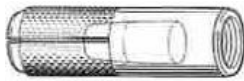
Thread : M6~M24
Outer dia. : 10.5~31.8mm
Length : 50~250mm

MH Anchor



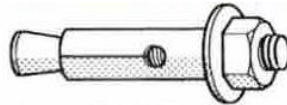
Thread : M6~M20, W1/4~W5/8
Outer dia. : 6.0~20.0mm
Length : 45~190mm

PA Anchor



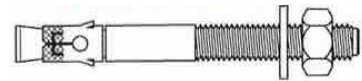
Thread : M8~M16, W5/16~5/8
Outer dia. : 10.0~20.0mm

DL Anchor



Thread : M6~M12
Outer dia. : 7.8~15.8mm
Length : 50~100mm

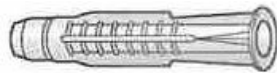
DP Anchor



Thread : M10~M16
Outer dia. : 10.0~16.0mm
Length : 75~145mm

Plastic Anchor

Trika



Outer dia. : 5~8mm
Length : 31~51mm

Four Ace

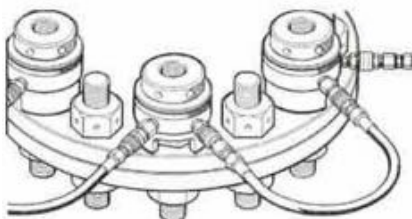


Outer dia. : 6~10mm
Length : 28~66mm

Bolt Tensioner

Torque and Tension create the appropriate clamping force.

- Compact, light and High output
- Multiple tensioner can be used together to provide even load

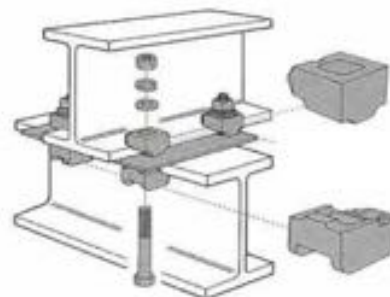


Covering bolt size : M22~M100(7/8"~4")

Lindapter

Clamping systems used to connect steel sections together without on-site drilling or welding.

- Safe and Simple
- Strong and Durable
- Fast and Efficient



CD Stud Welding System

Welding Machine

JDI-40



JDI-60



JDI-80



JDI-100



JDI-120



Model	JDI-40	JDI-60	JDI-80	JDI-100	JDI-120	
Applicable stud	Diameter (mm)	Stud dia.:~M4 IP:1.6, 2.0	Stud dia.:~M6 Mild steel Stainless steel	Stud dia.:~M8 Mild steel Stainless steel	Stud dia.:~M10 Mild steel, Stainless steel	Stud dia.:~M12 Mild steel, Stainless steel
	Material	Duct pin dia. :2.0 Mild steel Stainless steel	Aluminum Brass, Copper	Stud dia.:~M6 Aluminum Brass, Copper	Stud dia.:~M6 Aluminum Brass, Copper	Stud dia.:~M6 Aluminum, Brass, Copper
				Stud dia.:~M5 Titanium	Stud dia.:~M5 Titanium	Stud dia.:~M5 Titanium
Power supply (AC)	230V±10%, 5A, 50/60Hz	230V±10%, 10A, 50/60Hz	230V±10%, 15A, 50/60Hz	230V±10%, 20A,50/60Hz	230V±10%, 30A,50/60Hz	

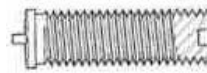
Stud Welding Robot
CDR-1012



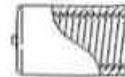
X-axis 1000mm, Y-axis 1200mm

Stud Type

Straight stud



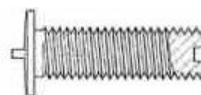
Tapped stud



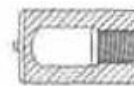
Insulation pin



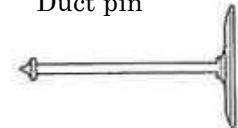
Flange stud



Cavity stud



Duct pin



- To complete the welding instantly in 3/1,000~6/1,000 seconds.
- Very little heat affection to the base material.
- Specific welding qualification or experience is not required.

Welding Gun

H-100



H-150



FG-12



H-5



H-50



H-200



Model	H-100	H-150	FG-12	H-5 (Corner used)	H-50 (Corner used)	H-200
Stud dimension	Thread stud (mm)	~M8	~M10	~M12	~M8	~M6(Al.) ~M5(Ti.)
	Tapped stud (mm)	Outer dia. ~φ8	Outer dia. ~φ10	Outer dia. ~φ12	Outer dia. ~φ8	Outer dia. Al:~φ6, Ti:~φ5
	Material	Mild steel, Stainless steel, Brass, Copper				

ARC Stud Welding System

Welding Machine & Gun

Silicon Arc Stud welding machine : JS type

- A built-in microcomputer gives precise control of all weld timings.
- Built-in non-volatile memory allows the storage of up to 40 different stud welding programs and settings.
- Stepper-motor stud movement control gives exact control of stud position and velocities during the weld.

Machine	JS-800
Stud diameter (mm)	3~12
Stud material	Mild steel, Stainless Steel, Special Steel
Main power voltage (AC)	3Phase 200V±10%, 50/60Hz
Output main current range (DC)	100~800V
Welding time range	0.073~0.6
Machine size (mm)	302x554x500
Weight (kg)	66
Welding Gun	S-16M



Arc Stud welding machine : TS type

Machine	TS-2500
Stud diameter (mm)	8~25
Stud Material	Mild steel, Stainless Steel
Main Power Voltage (AC)	3Phase 200V±10%, 50/60Hz
Output main current range (DC)	500~2,500A
Welding time range	0.1~1.9
Machine size (mm)	660x1095x870
Weight (kg)	450
Welding Gun	A-88J

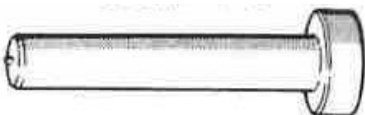


Stud Bolt & Ferrule

Material : Mild steel, Stainless steel, Special steel

- To help shield the spark from the operator
- To form the molten metal into a fillet

Shear Connector



Thread stud



Deformed bar stud



V type stud



Tapped stud



Blind rivet



Rivet	Avex		Monobolt	Briv
Material	Aluminum + Steel	Steel + Steel	Steel / SUS / AL	Steel / AL
Diameter (mm)	3.2~4.8	3.2~4.8	4.8, 6.4	3.2~4.8
Grip range (mm)	0.8~19.8	1.1~6.4	1.7~15.9	0.9~9.0

Riveting Tools (Air, Electric, Hand and Multiple spindle automation tools)



High strength blind bolt (ML)

Installation access only one side



Electric driver

Thread dia. : M5, M6, M8



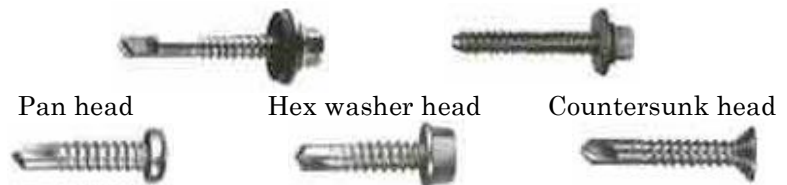
Henrob rivet

- Self-piercing rivet
- Replacing spot welding



Drilling screw

Installing itself into only one driving motion
(instead of separate drilling, tapping, and installing motions)



Nutsert

Standard



M3~M10

Thin sheet



M3~M8



Coiled insert

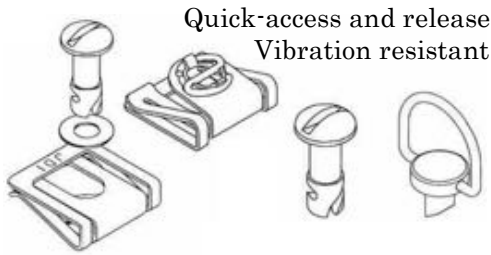
Thread reinforcement
or repair



Thread dia. : M3~M24

Quarter turn fasteners

SMULOCK



Quick-access and release
Vibration resistant

Fixing washer

STARLOCK

To push on to the shaft
to give an instant fix and grip



Floating nut

RACK NUT



CAGE NUT



PLATE NUT



Clinching Fastener

Clinching nut,



M2~M8

Clinching spacer,



M2~M5

Material : Steel, Stainless steel

Clinching stud



M3~M8

Flange form nut



High strength nut
Thread M4~M12
Base thickness 0.7~3mm

Inserts for Plastics

Method

Name

TECH
SONIC

Direct Heat

SONIC
LOK

HEAT
LOK

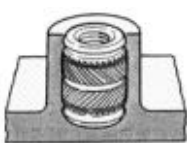
Simple press

FIN
LOK

PRESS
LOK

Tapping

SCREW
SERT



M2~M10



M2~M12



M2~M6



M2~M8



M2~M8



M2~M8



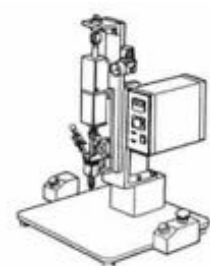
M2.5~M12

Installation tools (Heating)

Screw for Plastics

PT Screw

Thread dia. : 2.2~7.0mm
Length : 4~80mm



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