

G

INDUSTRIAL SUPPLIES



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PIPE CUTTERS



< ITEM NO. 57100103~6

ITEM NO.	PIPE CAPACITY
57100101	1/8"~ 2-1/2"
57100102	1/8"~ 4-1/2"

ITEM NO.	TYPE	PIPE CAPACITY	N.W	QTY/CARTON
57100103	NO.1	1/8"~1-1/4"	1.5 kgs	10 sets
57100104	NO.2	3/8"~2-1/2"	2.4 kgs	6 sets
57100105	NO.3	3/8"~3-3/8"	3.3 kgs	6 sets
~~57100106~~	~~NO.4~~	<del>1-1/2"~4-1/2"</del>	~~5.4 kgs~~	~~6 sets~~



< ITEM NO. 57100107~8-2

ITEM NO.	PIPE CAPACITY
57100107	1/8"~1-1/4"
57100108	1/8"~2"
57100108-1	1"~3"
57100108-2	2-1/2"~4"



PIPE VISES

FCD 45 vise body



ITEM NO.	TYPE	PIPE CAPACITY
57100111	NO.1	3/8"~2-1/2"
57100112	NO.2	3/8"~4"
57100112-1	V3	1/8"~ 4-1/2"
57100112-2	V4	1/8"~ 6"



PIPE VISES W/ TRIPOD



ITEM NO.	TYPE	PIPE CAPACITY	N.W	QTY/CARTON
57100113	NO.1	3/8"~2-1/2"	14.5 kgs	1 set
57100114	NO.2	3/8"~4"	18.6 kgs	1 set



G1 - VISES

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MANUAL RATCHET PIPE THREADERS / SETS (GS111)

FEATURES:

- Purpose: Hand tool for threading on the iron pipe.
- Easy and light operating for pipe threading processing.
- Main body is made of ductile casting iron FCD 45.
- Threading die is made of high carbon steel, heat treated as HRC 57±2°.
- Various pipe thread spec. of the die chaser are provided,
BSPT: 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1-1/4" 1-1/2" 2"
- NPT: 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1-1/4" 1-1/2" 2"
- Whole kit is packed in blow case.
- Product package:
4 drop heads package
6 drop heads package



ITEM NO.	MODEL	DESCRIPTION
57104900	111-PT-4P	Assembly of main body, handle set, 4 x PT die head sets, blow case
57104902	111-PT-6P	Assembly of main body, handle set, 6 x PT die head sets, blow case
57104901	111-NPT-4P	Assembly of main body, handle set, 4 x NPT die head sets, blow case
57104903	111-NPT-6P	Assembly of main body, handle set, 6 x NPT die head sets, blow case
57105353	111-1/4PT+H	BSPT 1/4" threader die head with chaser pair
57105354	111-3/8PT+H	BSPT 3/8" threader die head with chaser pair
57105355	111-1/2PT+H	BSPT 1/2" threader die head with chaser pair
57105356	111-3/4PT+H	BSPT 3/4" threader die head with chaser pair
57105357	111-1PT+H	BSPT 1" threader die head with chaser pair
57105358	111-1 1/4PT+H	BSPT 1-1/4" threader die head with chaser pair
57105359	111-1 1/2PT+H	BSPT 1-1/2" threader die head with chaser pair
57105360	111-2PT+H	BSPT 2" threader die head with chaser pair
57105361	111-1/4NPT+H	NPT 1/4" threader die head with chaser pair
57105362	111-3/8NPT+H	NPT 3/8" threader die head with chaser pair
57105363	111-1/2NPT+H	NPT 1/2" threader die head with chaser pair
57105364	111-3/4NPT+H	NPT 3/4" threader die head with chaser pair
57105365	111-1NPT+H	NPT 1" threader die head with chaser pair
57105366	111-1 1/4NPT+H	NPT 1-1/4" threader die head with chaser pair
57105367	111-1 1/2NPT+H	NPT 1-1/2" threader die head with chaser pair
57105368	111-2NPT+H	NPT 2" threader die head with chaser pair



MANUAL ENCLOSED RATCHET THREADERS / SETS (RGD-4)



ITEM NO. 57104908
POWER DRIVER – OPTIONAL

COMPRISE:

- A. Blow mold case
- B. Die head set
- C. Ratchet set
- D. Handle
- E. Large octagon adaptor

FEATURES:

- Good performance for light threading processing high grade thread on pipe.
- Easy to replace the die chaser set
- 4 die heads package including 1-1/4", 1", 3/4", 1/2" with BSPT or NPT standard thread.
- Die heads are fully compatible with PT600 power driver.
- Main body is made of ductile casting iron FCD 45.
- Die chaser is made of tool alloy steel, heat treated as HRC 59±2°.
- Die chaser set is packed by blister PVC packing.
- Whole set is packed by blow mold case.

ITEM NO.	MODEL	DESCRIPTION	NOTE
57104905	RGD-4P NPT	Threader sets include 4 NPT die heads stes (1-1/4" / 1" / 3/4" / 1/2"), ratchet set, handle, adaptor, blow mold case	
57104904	RGD-4P PT	Threader sets include 4 PT die heads stes (1-1/4" / 1" / 3/4" / 1/2"), ratchet set, handle, adaptor, blow mold case	
57105369	RGD-DH-1/4PT	BSPT 1/4" threader die head with chaser set	optional
57105370	RGD-DH-3/8PT	BSPT 3/8" threader die head with chaser set	optional
57105371	RGD-DH-1/2PT	BSPT 1/2" threader die head with chaser set	
57105372	RGD-DH-3/4PT	BSPT 3/4" threader die head with chaser set	
57105373	RGD-DH-1PT	BSPT 1" threader die head with chaser set	
57105374	RGD-DH-11/4PT	BSPT 1-1/4" threader die head with chaser set	
57105377	RGD-DH-1/4NPT	NPT 1/4" threader die head with chaser set	optional
57105378	RGD-DH-3/8NPT	NPT 3/8" threader die head with chaser set	optional
57105379	RGD-DH-1/2NPT	NPT 1/2" threader die head with chaser set	
57105380	RGD-DH-3/4NPT	NPT 3/4" threader die head with chaser set	
57105381	RGD-DH-1NPT	NPT 1" threader die head with chaser set	
57105382	RGD-DH-11/4NPT	NPT 1-1/4" threader die head with chaser set	



G1 - VISES

INDUSTRIAL SUPPLIES

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MANUAL ENCLOSED RATCHET THREADERS / SETS (RGD-6)



◀ ITEM NO. 57104908
POWER DRIVER – OPTIONAL

COMPRISE:

- A. Blow mold case
- B. Die head set
- C. Ratchet set
- D. Handle
- E. Large octagon adaptor
- F. Small octagon adaptor

FEATURES:

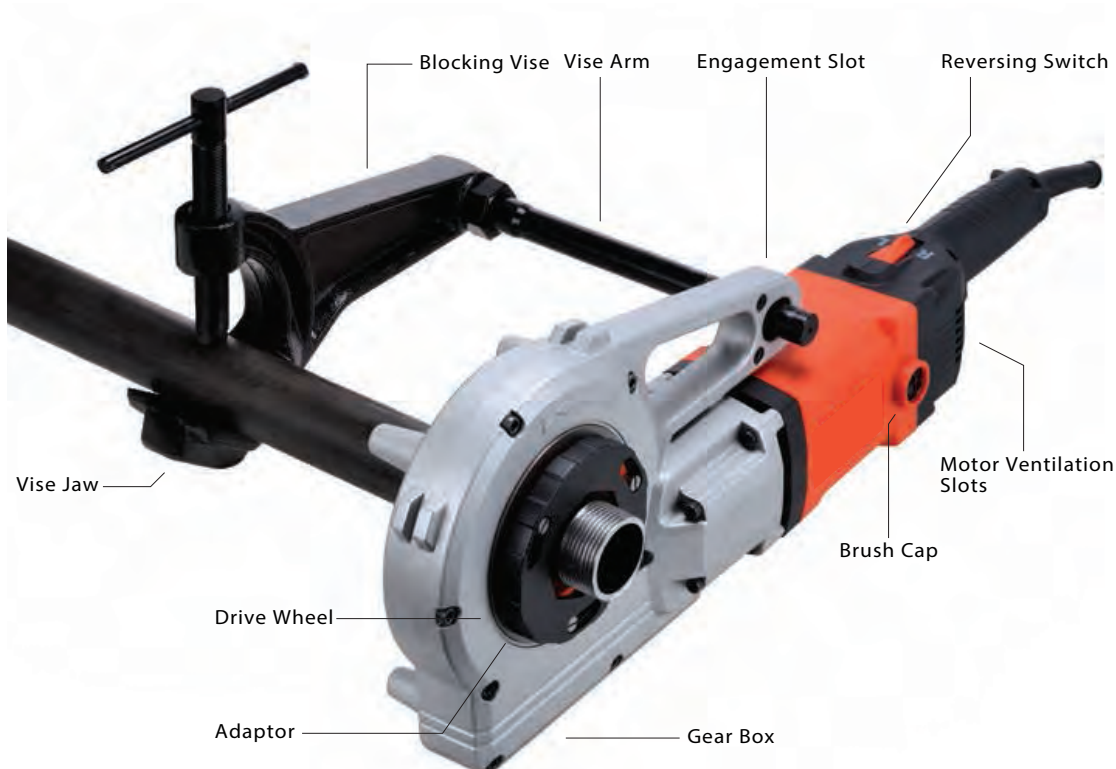
- Good performance for light threading processing high grade thread on pipe.
- Easy to replace the die chaser set
- 6 die heads package including 2", 1-1/2", 1-1/4", 1", 3/4", 1/2" with BSPT or NPT standard thread.
- Die heads are fully compatible with PT600 power driver.
- Main body is made of ductile casting iron FCD 45.
- Die chaser is made of tool alloy steel, heat treated as HRC 59±2°.
- Die chaser set is packed by blister PVC packing.
- Whole set is packed by blow mold case.

ITEM NO.	MODEL	DESCRIPTION	NOTE
57104907	RGD-6P NPT	Threader sets include 6 NPT die heads sets (2" / 1-1/2" / 1-1/4" / 1" / 3/4" / 1/2"), ratchet set, handle, 2 adaptor, blow mold case	
57104906	RGD-6P PT	Threader sets include 6 PT die heads sets (2" / 1-1/2" / 1-1/4" / 1" / 3/4" / 1/2"), ratchet set, handle, 2 adaptor, blow mold case	
57105369	RGD-DH-1/4PT	BSPT 1/4" threader die head with chaser set	optional
57105370	RGD-DH-3/8PT	BSPT 3/8" threader die head with chaser set	optional
57105371	RGD-DH-1/2PT	BSPT 1/2" threader die head with chaser set	
57105372	RGD-DH-3/4PT	BSPT 3/4" threader die head with chaser set	
57105373	RGD-DH-1PT	BSPT 1" threader die head with chaser set	
57105374	RGD-DH-1-1/4PT	BSPT 1-1/4" threader die head with chaser set	
57105375	RGD-DH-1-1/2PT	BSPT 1-1/2" threader die head with chaser set	
57105376	RGD-DH-2PT	BSPT 2" threader die head with chaser set	
57105377	RGD-DH-1/4NPT	NPT 1/4" threader die head with chaser set	optional
57105378	RGD-DH-3/8NPT	NPT 3/8" threader die head with chaser set	optional
57105379	RGD-DH-1/2NPT	NPT 1/2" threader die head with chaser set	
57105380	RGD-DH-3/4NPT	NPT 3/4" threader die head with chaser set	
57105381	RGD-DH-1NPT	NPT 1" threader die head with chaser set	
57105382	RGD-DH-1-1/4NPT	NPT 1-1/4" threader die head with chaser set	
57105383	RGD-DH-1-1/2NPT	NPT 1-1/2" threader die head with chaser set	
57105384	RGD-DH-2NPT	NPT 2" threader die head with chaser set	



PORTABLE THREADING MACHINE

- The powerful solution for fast pipe threading.
- This high-torque machine is very easy to set up and operate.
The simple and robust worm gear drive system can thread up to 2 inch pipes.
- Light in weight for ease of handling and compact for fitting in confined spaces.
Right and left-hand threads are cut with equal ease.
- Locking adaptor for small size range die heads included.
- Externally accessible brushes for easy maintenance.
- Machine, vise, adaptor and set of six die heads all conveniently packed in a sturdy case.



OPTIONAL: SET OF 6 DIE HEAD ASSEMBLIES



ITEM NO.	57104908
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
Power input	1100 W
No load min ¹	26
Full load min	19
Max. die head ¹	2" nominal (60.33 mm)
Dimensions	552 x 200 x 98 mm
Net weight	7.6 kgs (16.76 lbs)



STANDARD ACCESSORIES

- Adaptor
- Blocking Vise

OPTIONAL ACCESSORIES

- Replacement Dies
- Set of 6 Die Head Assemblies:
1/2", 3/4", 1", 1-1/4", 1-1/2" & 2"
(Die heads are available in either
NPT or BSPT thread forms. Please
specify when ordering)



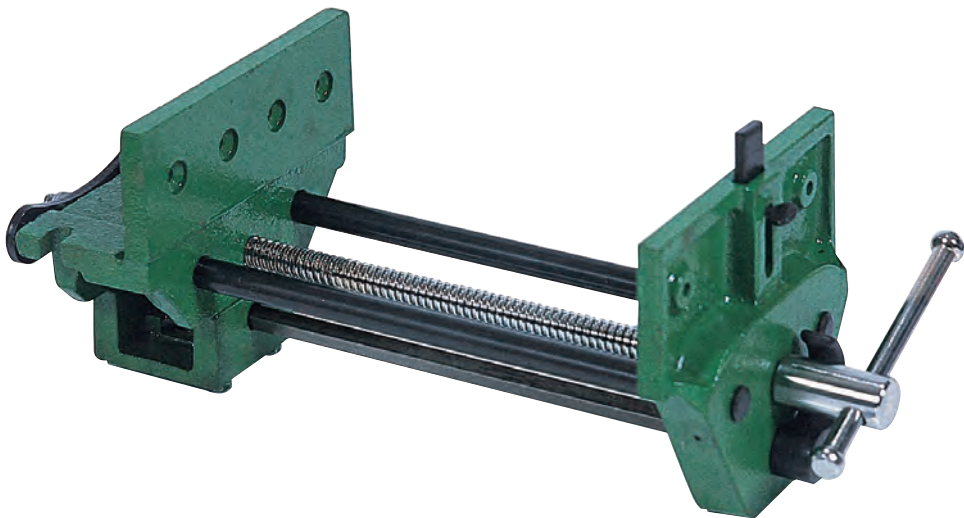
G1 - VISES

INDUSTRIAL SUPPLIES

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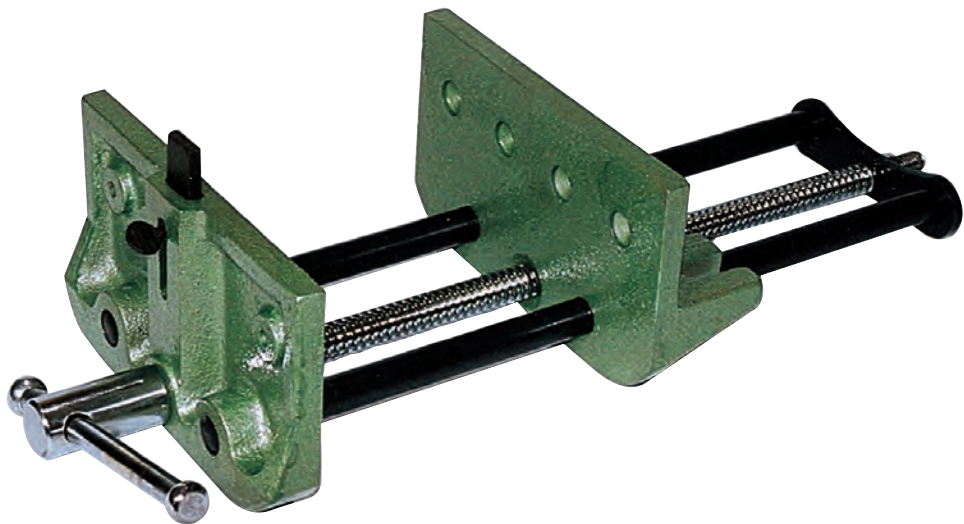


QUICK RELEASE WOODWORKING VISES



UNIT: mm

ITEM NO.	JAW WIDTH	JAW HEIGHT	JAW OPENING	N.W	QTY/CARTON
~~57100109~~	~~152~~	~~70~~	~~280~~	~~7.6 kgs~~	~~2 sets~~
57100550	178	82	280	8.7 kgs	1 set
57100551	255	110	305	17 kgs	1 set



UNIT: mm

ITEM NO.	JAW WIDTH	JAW HEIGHT	JAW OPENING	N.W	QTY/CARTON
57100110	175	75	280	5.7 kgs	4 sets



WOODWORKING VISE FOR ENGRAVING



UNIT: mm

ITEM NO.	OPENING	N.W (APPROX.)	MASS. (CUFT)	QTY
57100110-1	150	13.5 kgs	0.4	1set



QUICK BENCH VISES



ITEM NO.	MFG. NO.	SIZE	JAW WIDTH	JAW DEPTH	OPENING	U/WT. (kgs)	CTN (wt./pc)	CTN (cuft)
57104909	QBV-0400	4"	4"	7/8"	4"	8.5	19.0 kgs/2 pcs	0.636
57104910	QBV-0600	6"	6"	7/8"	6"	18.8	19.8 kgs/1 pc	0.565



V-GROOVED



PARTICULAR STRUCTURE

- Using knurled design, it can boost the clamping force, and also add the V groove to hold the round object.
- With particular structure, it can clamp or release the object quickly and easily.
- With safety cover to avoid any working injury in opera-



MULTI-FUNCTION LIGHT FORCE VISE



UNIT: mm

ITEM NO.	MFG. NO.	SIZE	JAW WIDTH	JAW DEPTH	OPENING	U/WT. (kgs)	CTN (wt./pc)	CTN (cuft)
57104911	LFV-0130	130	130	75	130	11.1	12.1 kgs/1 pc	0.400
57104912	LFV-0170	170	170	75	170	12.5	13.5 kgs/1 pc	0.500
57104913	LFV-0230	230	230	110	235	29	30.0 kgs/1 pc	1.400



JAW FOR PLATE ROUND BAR



JAW FOR FLAT SQUARE BAR



JAW FOR LONG BAR

- The interchangeable jaws with V and L shape grooved can grab the plate or round bar object tight.
- The jaws with eccentric design can grab long objects.

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BENCH VISES



< CAST IRON BODY

ITEM NO.	JAW WIDTH	JAW OPENING	THROAT DEPTH	G.W
57100115	4"	4"	2-5/8"	12.7 kgs
57100116	5"	5"	3-1/4"	16.7 kgs
57100117	6"	6"	3-3/4"	22.4 kgs
57100118	8"	8"	4"	30.2 kgs



< ALL STEEL BODY

ITEM NO.	JAW WIDTH	JAW OPENING	THROAT DEPTH	G.W
57103009	3"	3"	2"	6 kgs
57100119	4"	4"	2-1/4"	8.3 kgs
57100120	5"	5"	3-5/8"	12 kgs
57100121	6"	6"	3"	16 kgs
57100122	8"	8"	3-1/2"	22 kgs
57103010	10"	10"	4"	28 kgs



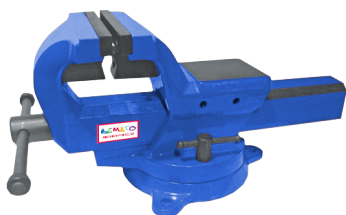
< CAST IRON BODY

ITEM NO.	JAW WIDTH	JAW OPENING	THROAT DEPTH	G.W
57100123	3-1/2"	3-1/2"	2"	30 kgs/6 pcs
57103011	4"	4"	2"	10 kgs/2 pcs



< CAST IRON BODY

ITEM NO.	JAW WIDTH	JAW OPENING	G.W
57100124	3"	2"	9.5 kgs/10 pcs
57103012	3"	2"	17 kgs/36 pcs

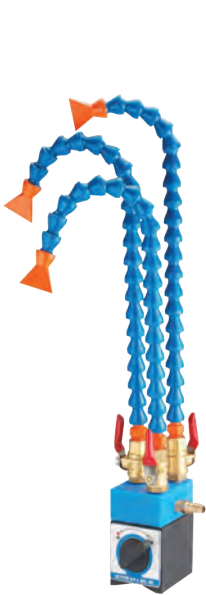


< FORGED STEEL BODY

ITEM NO.	JAW WIDTH	JAW OPENING	G.W
57103014	4"	4"	6.2 kgs
57103015	5"	5"	13.5 kgs
57103016	6"	6"	28 kgs

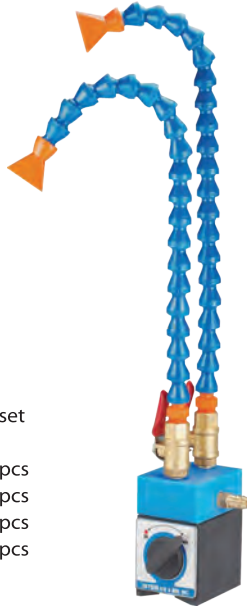


MAGNETIC BASE WITH ADJUSTABLE COOLANT HOSES & VALVES



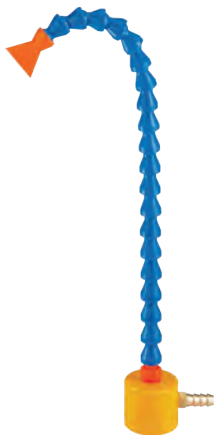
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- Magnetic Base (W5xL6.5xH5 CM) 1 set
- 20 pcs of 1/4" Segment 3 pcs
- 1" Flare Nozzle 3 pcs
- 1/4" PT Connector 3 pcs
- 1/4" Copper Valve 3 pcs



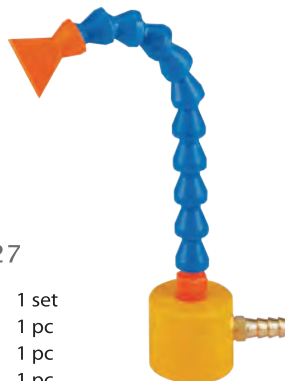
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- Magnetic Base (W5xL6.5xH5 CM) 1 set
- 20 pcs of 1/4" Segment 2 pcs
- 1" Flare Nozzle 2 pcs
- 1/4" PT Connector 2 pcs
- 1/4" Copper Valve 2 pcs



< ITEM NO. 57100127

- Magnetic Base 1 set
- 20 pcs of 1/4" Segment 1 pc
- 1" Flare Nozzle 1 pc
- 1/4" PT Connector 1 pc



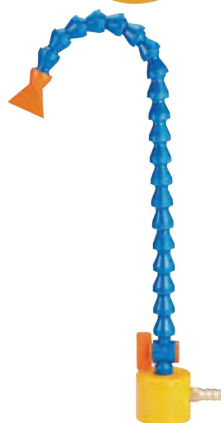
< ITEM NO. 57100128

- Magnetic Base 1 set
- 10 pcs of 1/4" Segment 1 pc
- 1" Flare Nozzle 1 pc
- 1/4" PT Connector 1 pc



< ITEM NO. 57100129

- Magnetic Base 1 set
- 10 pcs of 1/4" Segment 1 pc
- 1" Flare Nozzle 1 pc
- 1/4" Male PT Valve 1 pc



< ITEM NO. 57100130

- Magnetic Base 1 set
- 20 pcs of 1/4" Segment 1 pc
- 1" Flare Nozzle 1 pc
- 1/4" Male PT Valve 1 pc



< ITEM NO. 57100131 (6"×8") ITEM NO. 57100132 (7 1/2"×10") ITEM NO. 57100133 (8 1/2"×12")

- Magnetic Base 1 set
- 12 pcs of 3/4" Segment 1 pc
- 3/4" Shield Mounting Elbow 1 pc
- 3/4" Fixed Mount 1 pc
- Nut 2 pcs
- Acrylic Board 1 pc



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1/4" VALVE & HOSE KITS



▲ ITEM NO. 57100135

33CM Length Hose Kit

- 1/4" Male PT or NPT Valve 1 pc
- 20 pcs of 1/4" Segment 1 pc
- 1/16", 1/8" or 1/4 Round Nozzle 1 pc



▲ ITEM NO. 57100137

33CM Length Hose Kit

- 1/4" Female PT or NPT Valve 1 pc
- 20 pcs of 1/4" Segment 1 pc
- 1/16", 1/8" or 1/4 Round Nozzle 1 pc



3/8" VALVE & HOSE KITS



< ITEM NO. 57100139

36 CM Length Hose Kit

- 3/8" Male PT or NPT Valve 1 pc
- 16 pcs of 3/8" Segment 1 pc
- 1/4", 3/8" or 1/2" Round Nozzle 1 pc



< ITEM NO. 57100141

36 CM Length Hose Kit

- 3/8" Female PT or NPT Valve 1 pc
- 16 pcs of 3/8" Segment 1 pc
- 1/4", 3/8" or 1/2" Round Nozzle 1 pc



1/2" VALVE & HOSE KITS



< ITEM NO. 57100143

33 CM Length Hose Kit

- 1/2" Male PT or NPT Valve 1 pc
- 12 pcs of 1/2" Segment 1 pc
- 1/4", 3/8" or 1/2" Round Nozzle 1 pc



< ITEM NO. 57100145

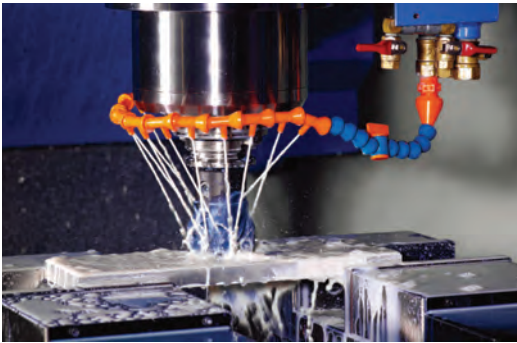
33 CM Length Hose Kit

- 1/2" Female PT or NPT Valve 1 pc
- 12 pcs of 1/2" Segment 1 pc
- 1/4", 3/8" or 1/2" Round Nozzle 1 pc



ADJUSTABLE COOLANT HOSE PACKAGING

Adjustable coolant hose is available in cardboard boxes, bags, and coils to meet customers' specific needs.



- 1/4", 3/8", 1/2", 3/4" COIL (L: 762 / 1524 / 2500 cm)
- ITEM NO. 57100150, 57100151, 57100227, 57100228, 57100258, 57100259, 57100331,

LIST OF SUITABLE FLUIDS

- Ordinary adjustable coolant hoses are manufactured from acetal (POM). Hose is available in dark blue and orange colors.



ITEM	SUITABLE	UNSUITABLE
Alcohols, ethyl	O	
Acids		X
Acetone	O	
Bases, strong		X
Ammonium hydroxide (strong)		X
Commercial dish detergents	O	
Gasoline	O	
Greases	O	
Hypochlorite Ion solutions		X
Lacquer solvents	O	
Oils	O	
Sodium hydroxide	O	
Sodium hypochlorite		X
Insecticides	O	
Brake oils	O	

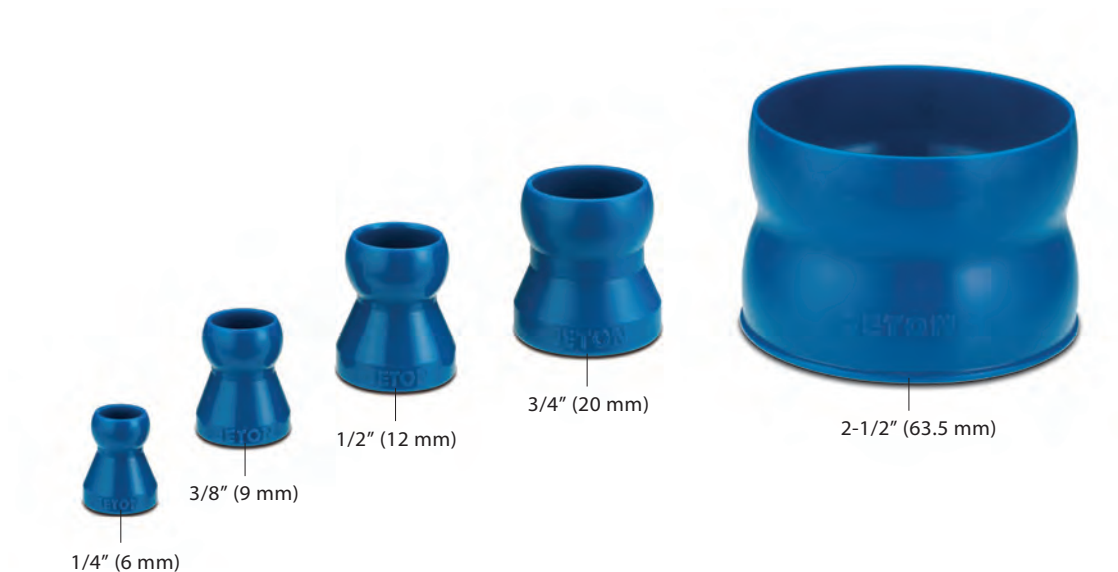


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ADJUSTABLE COOLANT HOSE INTRODUCTION

**Length and angle can be freely adjusted, suitable for most fluids (liquids and gases), hose orifice can be changed as needed.
Can be used for air or for water/oil supply to metal processing machinery.**

- Made using superior POM plastic steel; is strongly resistant to oils and chemicals.
- Adjustable coolant hose is highly pliable; it holds its shape well and will not spring back.
- Bending hose will not reduce inner diameter; hose will not pinch or fatigue.
- Adjustable coolant hose will not damage cutting blades if there is accidental contact.
- Adjustable coolant hose dose not conduct electricity and is suitable for use on electrical discharge (EDM) machines.
- Five kinds of orifice inner diameter are available: 1/4", 3/8", 1/2", 3/4", 2-1/2".
- Adjustable coolant hose is designed for the transport of low-pressure fluids.



HOSE PRESSURE AND FLOW CHARACTERISTICS

1/4" SYSTEM	2.0~3.0 kg/cm ²	900 Liter / hour
3/8" SYSTEM	2.0~3.0 kg/cm ²	1500 Liter / hour
1/2" SYSTEM	1.4~2.0 kg/cm ²	1700 Liter / hour
3/4" SYSTEM	0.7~1.4 kg/cm ²	1900 Liter / hour

RECOMMENDED USAGE

- When using adjustable coolant hose , changes in the situation may affect the maximum pressure. It is recommended that tests be performed whenever changes are made.

THERMAL CHARACTERISTICS

- Melting point: 165°C
- Maximum use temperature: 65°C



1/4" SYSTEM (ID)

V 1/4" INSIDE DIAMETER



<ITEM NO.
57100146

- 1/4" Hose Kit
- 10 pcs of 1/4" Segment -2 sets 1/16", 1/8", 1/4" Nozzles
- 1/4" & 1/8" Male PT connectors



<ITEM NO.
57100147

- 1/4" Hose Kit
- 10 pcs of 1/4" Segment -2 sets 1/16", 1/8", 1/4" Nozzles
- 1/4" & 1/8" Male NPT connectors



<ITEM NO.
57100148

- 1/4" extended element kit with element clamp include 4 each of:
- 1/4" extended elements
 - 1/4" element clamps



<ITEM NO.
57100149
57100150
57100151

- 1/4" segment pack 2-14 cm long segments
- 1/4" 1524 cm long coil
- 1/4" 2500 cm long coil



<ITEM NO.
57100152

- 1/4" circle flow nozzle kit assembled with 15 side flow nozzles 1/4" & 1 end cap 1/4"



<ITEM NO.
57100153
57100154

- 1/4" extended element, pack of 4
- 1/4" extended element, pack of 20



<ITEM NO.
57100155
57100156

- 1/4" element clamp, pack of 4
- 1/4" element clamp, pack of 20



<ITEM NO.
57100157

- 1/4" 90° nozzle kit 1 each:
- 1/16", 1/8", 1/4" nozzle & spray bar nozzle



<ITEM NO.
57100158
57100159

- 1/16" round nozzle, pack of 4
- 1/16" round nozzle, pack of 50



<ITEM NO.
57100160
57100161

- 1/8" round nozzle, pack of 4
- 1/8" round nozzle, pack of 50



<ITEM NO.
57100162
57100163

- 1/4" round nozzle, pack of 4
- 1/4" round nozzle, pack of 50



<ITEM NO.
57100164
57100165

- 1/16" 90° nozzle, pack of 4
- 1/16" 90° nozzle, pack of 20



<ITEM NO.
57100166
57100167

- 1/8" 90° nozzle, pack of 4
- 1/8" 90° nozzle, pack of 20



<ITEM NO.
57100168
57100169

- 1/4" 90° nozzle, pack of 4
- 1/4" 90° nozzle, pack of 20



<ITEM NO.
57100170
57100171

- 1/4" 90° spray bar nozzle, pack of 2
- 1/4" 90° spray bar nozzle, pack of 20



<ITEM NO.
57100172
57100173

- 3/8" flat nozzle, pack of 2
- 3/8" flat nozzle, pack of 20



<ITEM NO.
57100174
57100175

- 1" flare nozzle, pack of 2
- 1" flare nozzle, pack of 20



<ITEM NO.
57100176
57100177

- 1/8" PT connector, pack of 4
- 1/8" PT connector, pack of 50



<ITEM NO.
57100178
57100179

- 1/8" NPT connector, pack of 4
- 1/8" NPT connector, pack of 50



<ITEM NO.
57100180
57100181

- 1/4" PT connector, pack of 4
- 1/4" PT connector, pack of 50



<ITEM NO.
57100182
57100183

- 1/4" NPT connector, pack of 4
- 1/4" NPT connector, pack of 50



G " INDUSTRIAL SUPPLIES



1/4" SYSTEM (ID)

V 1/4" INSIDE DIAMETER



< ITEM NO.
57100184
57100185

- 1/4" Y fitting, pack of 2
- 1/4" Y fitting, pack of 20



< ITEM NO.
57100186
57100187

- 1/4" double socket, pack of 4
- 1/4" double socket, pack of 20



< ITEM NO.
57100188
57100189

- 1/4" socket to 1/8" NPTF, pack of 4
- 1/4" socket to 1/8" NPTF, pack of 20



< ITEM NO.
57100190
57100191

- 1/4" elbow fitting, pack of 2
- 1/4" elbow fitting, pack of 20



< ITEM NO.
57100192
57100193

- 1/4" T fitting, pack of 2
- 1/4" T fitting, pack of 20



< ITEM NO.
57100194
57100195

- 1/4" side flow nozzle, pack of 4
- 1/4" side flow nozzle, pack of 20



< ITEM NO.
57100196
57100197

- 1/4" end cap, pack of 4
- 1/4" end cap, pack of 20



< ITEM NO.
57100198
57100199

- 1/4" swivel nozzle 40, pack of 2
- 1/4" swivel nozzle 40, pack of 20



< ITEM NO.
57100200
57100201

- 1/4" swivel nozzle 60, pack of 2
- 1/4" swivel nozzle 60, pack of 20



< ITEM NO.
57100202
57100203

- 1/4" NPT male hose nipple w/valve, pack of 2
- 1/4" NPT male hose nipple w/valve, pack of 10



< ITEM NO.
57100206
57100207

- 1/4" connection valve, pack of 2
- 1/4" connection valve, pack of 10



< ITEM NO.
57100210
57100211

- 1/4" male PT valve, pack of 2
- 1/4" male PT valve, pack of 10



< ITEM NO.
57100214
57100215

- 1/4" female PT valve, pack of 2
- 1/4" female PT valve, pack of 10



< ITEM NO.
57100218
57100219

- 1/4" connection check valve, pack of 2
- 1/4" connection check valve, pack of 10



< ITEM NO.
57100220

- 1/4" modular manifold system INCLUDES:
- 1/4" elbow fitting-1 pc
 - 1/4" manifold bracket-1 pc
 - 1/4" T fitting-3 pcs
 - 1/4" mounting screw-3 pcs



< ITEM NO.
57100221

- 1/4" main flow control manifold system INCLUDES:
- 1 set of ITEM No. 57100220
 - 5 pcs 1/4" connection valve.



< ITEM NO.
57100223

- 1/4" hose assembly plier



< ITEM NO.
57100222

- 1/4" manifold bracket, pack of 2



< ITEM NO.
57100354
57100355

- 5/8" Female UNF Connector, pack of 4
- 5/8" Female UNF Connector, pack of 50



< ITEM NO.
57100356
57100357

- 7/16" Female UNF Connector, pack of 4
- 7/16" Female UNF Connector, pack of 50



3/8" SYSTEM (ID)

✓ 3/8" INSIDE DIAMETER



< ITEM NO.
57100224

- 3/8" Hose Kit
- 8 pcs of 3/8" Segment-2sets
- 3/8" Nozzle
- 3/8" Male PT Connector



< ITEM NO.
57100225

- 3/8" Hose Kit
- 8 pcs of 3/8" Segment-2pcs
- 1/4", 3/8", 1/2" Nozzles
- 3/8" & 1/2" Male PT Connectors



< ITEM NO.
57100226
57100227
57100228

- 3/8" segment pack
2-14.5 cm long segments
- 3/8" 762cm long coil
- 3/8" 1524cm long coil



< ITEM NO.
57100229
57100230

- 1/4" round nozzle,
pack of 4
- 1/4" round nozzle,
pack of 50



< ITEM NO.
57100231
57100232

- 3/8" round nozzle,
pack of 4
- 3/8" round nozzle,
pack of 50



< ITEM NO.
57100233
57100234

- 1/2" round nozzle,
pack of 4
- 1/2" round nozzle,
pack of 50



< ITEM NO.
57100235
57100236

- 3/8" PT connector,
pack of 4
- 3/8" PT connector,
pack of 50



< ITEM NO.
57100237
57100238

- 3/8" NPT connector,
pack of 4
- 3/8" NPT connector,
pack of 50



< ITEM NO.
57100239
57100240

- 1/2" PT connector,
pack of 4
- 1/2" PT connector,
pack of 50



< ITEM NO.
57100241
57100242

- 1/2" NPT connector,
pack of 4
- 1/2" NPT connector,
pack of 50



< ITEM NO.
57100243
57100244

- 1-1/4" flare nozzle, pack
of 2
- 1-1/4" flare nozzle, pack
of 20



< ITEM NO.
57100245
57100246

- 3/8" male PT valve,
pack of 2
- 3/8" male PT valve,
pack of 10



< ITEM NO.
57100249
57100250

- 3/8" female PT valve, pack
of 2
- 3/8" female PT valve, pack
of 10

< ITEM NO.
57100253

3/8" hose assembly plier



G2 - ADJ. COOLANT HOSES & VALVES

INDUSTRIAL SUPPLIES

G " INDUSTRIAL SUPPLIES

1/2" SYSTEM (ID)

V 1/2" INSIDE DIAMETER



< ITEM NO.
57100254



- 1/2" Hose Kit
- 6 pcs of 1/2" Segment -2sets
- 1/4", 3/8", 1/2" Nozzles
- 3/8", 1/2" Male NPT Connectors



< ITEM NO.
57100255



- 1/2" Hose Kit
- 6 pcs of 1/2" Segment -2sets
- 1/4", 3/8", 1/2" Nozzles
- 3/8", 1/2" Male NPT Connectors



< ITEM NO.
57100256



- 1/2" extended element kit with element clamp includes 4 each of:
- 1/2" extended elements
- 1/2" elements clamps



< ITEM NO.
57100257
57100258
57100259

- Segment pack 2-14 cm long segments
- 1/2" 1524 cm long coil
- 1/2" 2500 cm long coil



< ITEM NO.
57100260

- 1/2" circle flow nozzle kit
- Assembled with 15 side
- Flow nozzles 1/2" & 1 end cap 1/2"



< ITEM NO.
57100261 57100262
57100263 57100264

- 1/2" extended element, pack of 4
- 1/2" extended element, pack of 20
- 1/2" element clamp, pack of 4
- 1/2" element clamp, pack of 20



< ITEM NO.
57100265

- 90° nozzle kit 1 each: 1/4", 3/8", 1/2" 90° nozzle & spray bar nozzle



< ITEM NO.
57100266
57100267

- 1/4" round nozzle, pack of 4
- 1/4" round nozzle, pack of 50



< ITEM NO.
57100268
57100269

- 3/8" round nozzle, pack of 4
- 3/8" round nozzle, pack of 50



< ITEM NO.
57100270
57100271

- 1/2" round nozzle, pack of 4
- 1/2" round nozzle, pack of 50



< ITEM NO.
57100272
57100273

- 1/4" 90° nozzle, pack of 4
- 1/4" 90° nozzle, pack of 20



< ITEM NO.
57100274
57100275

- 3/8" 90° nozzle, pack of 4
- 3/8" 90° nozzle, pack of 20



< ITEM NO.
57100276
57100277

- 1/2" 90° nozzle, pack of 4
- 1/2" 90° nozzle, pack of 20



< ITEM NO.
57100278
57100279

- 1/2" 90° spray bar, pack of 2
- 1/2" 90° spray bar, pack of 20



< ITEM NO.
57100280
57100281

- 1-1/4" flare nozzle, pack of 2
- 1-1/4" flare nozzle, pack of 20



< ITEM NO.
57100282
57100283

- 1-3/4" flare nozzle, pack of 2
- 1-3/4" flare nozzle, pack of 20



< ITEM NO.
57100284
57100285

- 2-1/2" flare nozzle, pack of 2
- 2-1/2" flare nozzle, pack of 20



< ITEM NO.
57100286
57100287

- 3/8" PT connector, pack of 4
- 3/8" PT connector, pack of 50



< ITEM NO.
57100288
57100289

- 3/8" NPT connector, pack of 4
- 3/8" NPT connector, pack of 50



< ITEM NO.
57100290
57100291

- 1/2" PT connector, pack of 4
- 1/2" PT connector, pack of 50



< ITEM NO.
57100292
57100293

- 1/2" NPT connector, pack of 4
- 1/2" NPT connector, pack of 50



< ITEM NO.
57100294
57100295

- 1/2" Y fitting, pack of 2
- 1/2" Y fitting, pack of 20



< ITEM NO.
57100296
57100297

- 1/2" to 1/4" Y reducers, pack of 2
- 1/2" to 1/4" Y reducers, pack of 20





1/2" SYSTEM (ID)

V 1/2" INSIDE DIAMETER



< ITEM NO.
57100298
57100299

- 1/2" to 1/4" adapter, pack of 2
- 1/2" to 1/4" adapter, pack of 20



< ITEM NO.
57100300
57100301

- 1/2" double socket, pack of 4
- 1/2" double socket, pack of 20



< ITEM NO.
57100302
57100303

- 1/2" elbow fitting, pack of 2
- 1/2" elbow fitting, pack of 20



< ITEM NO.
57100304
57100305

- 1/2" T fitting, pack of 2
- 1/2" T fitting, pack of 20



< ITEM NO.
57100306
57100307

- 1/2" side flow nozzle, pack of 4
- 1/2" side flow nozzle, pack of 20



< ITEM NO.
57100308
57100309

- 1/2" end cap, pack of 4
- 1/2" end cap, pack of 20



< ITEM NO.
57100310
57100311

- 1/2" connection valve, pack of 2
- 1/2" connection valve, pack of 10



< ITEM NO.
57100314
57100315

- 1/2" male PT valve, pack of 2
- 1/2" male PT valve, pack of 10



< ITEM NO.
571000318
571000319

- 1/2" female PT valve, pack of 2
- 1/2" female PT valve, pack of 10



< ITEM NO.
57100322
57100323

- 1/2" connection check valve, pack of 2
- 1/2" connection check valve, pack of 10



< ITEM NO.
57100324

- 1/2" modular manifold system INCLUDES:
- 1/2"-elbow fitting-1 pc
 - 1/2"-manifold bracket-1 pc
 - 1/2"-T fitting-3 pcs
 - 1/2"-mounting screw-3 pcs



< ITEM NO.
57100325

- 1/2" main flow control manifold system 1 set of ITEM NO.57100324
- 1/2" connection valve -5pcs



< ITEM NO.
57100326

1/2" manifold bracket, pack of 2



< ITEM NO.
57100327
1/2" hose assembly plier



< ITEM NO.
57100358
57100359

- 3/8" SAE Flare Nut Adapter, pack of 4
- 3/8" SAE Flare Nut Adapter, pack of 20 (5/8"-18 Thread)



G2 - ADJ. COOLANT HOSES & VALVES

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



3/4" SYSTEM (ID)

V 3/4" INSIDE DIAMETER



< ITEM NO.
57100328



- 3/4" Hose Kit
- 6 pcs of 3/4" Segment -2sets
- 5/8" & 3/4" Nozzles
- 3/4" Male PT Connector



< ITEM NO.
57100329



- 3/4" Hose Kit
- 6 pcs of 3/4" Segment -2sets
- 5/8" & 3/4" Nozzles
- 3/4" Male NPT Connector



< ITEM NO.
57100330
57100331
57100332

- 3/4" segment pack
2-14.5 cm long segments
- 3/4" 1524 cm long coil
- 3/4" 2500 cm long coil



< ITEM NO.
57100333
57100334

- 5/8" round nozzle,
pack of 4
- 5/8" round nozzle,
pack of 50



< ITEM NO.
57100335
57100336

- 3/4" round nozzle,
pack of 4
- 3/4" round nozzle,
pack of 50



< ITEM NO.
57100337
57100338

- 3" flare nozzle,
pack of 2
- 3" flare nozzle,
pack of 20



< ITEM NO.
57100339
57100340

- 3/4" PT connector,
pack of 4
- 3/4" PT connector,
pack of 50



< ITEM NO.
57100341
57100342

- 3/4" NPT connector,
pack of 4
- 3/4" NPT connector,
pack of 50



< ITEM NO.
57100343
57100344

- 3/4" to 1/2" Y reducer,
pack of 2
- 3/4" to 1/2" Y reducer,
pack of 20



< ITEM NO.
57100345
57100346

- 3/4" to 1/2" adapter,
pack of 2
- 3/4" to 1/2" adapter,
pack of 20



< ITEM NO.
57100347
57100348

- 3/4" Y fitting, pack
of 2
- 3/4" Y fitting, pack
of 20



< ITEM NO.
57100349
57100350

- 3/4" double socket,
pack of 4
- 3/4" double socket,
pack of 20



< ITEM NO.
57100353

3/4" hose assembly plier



VACUUM FLEX TUBE SYSTEM 2-1/2" INSIDE DIAMETER



G2 - ADJ. COOLANT HOSES & VALVES

INDUSTRIAL SUPPLIES



ITEM NO.
57104861
57104862
57104863

- Vacuum Segment Packs, 9 Elements 2.5" ID
- Vacuum Segment Packs, 18 Elements 2.5" ID
- Vacuum Segment Packs, 180 Elements 2.5" ID



ITEM NO.
57104872
57104873

- 3" PVC Adapter, (Connects to 3" PVC Pipe) pack of 1
- 3" PVC Adapter, (Connects to 3" PVC Pipe) pack of 10



ITEM NO.
57104881
57104882

- Shop Vacuum Hose Adapter with Mounting Tab, pack of 1
- Shop Vacuum Hose Adapter with Mounting Tab, pack of 10



ITEM NO.
57104864
57104865

- 4.5" Round Nozzle, pack of 1
- 4.5" Round Nozzle, pack of 10



ITEM NO.
57104874
57104875

- 3" Sheet Metal Duct Adapter, (Connect to 3" Metal Duct) pack of 1
- 3" Sheet Metal Duct Adapter, (Connect to 3" Metal Duct) pack of 10



ITEM NO.
57104883
57104884

- Shop Vacuum Adapter, pack of 1
- Shop Vacuum Adapter, pack of 10



ITEM NO.
57104866
57104867

- 6" x 3.5" Rectangular Nozzle, pack of 1
- 6" x 3.5" Rectangular Nozzle, pack of 10



ITEM NO.
57104876
57104877

- Shop Vacuum Adapter, pack of 1
- Shop Vacuum Adapter, pack of 10



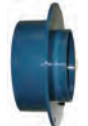
ITEM NO.
57104885

- 2.5" Fixed Base, pack of 1



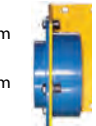
ITEM NO.
57104868
57104869

- Tapered Oval Nozzle, pack of 1
- Tapered Oval Nozzle, pack of 10



ITEM NO.
57104878
57104879

- 4" to 2.5" Shop Vacuum Adapter, pack of 1
- 4" to 2.5" Shop Vacuum Adapter, pack of 10



ITEM NO.
57104886

- 4" to 2.5" Shop Vacuum Adapter Fixed Base, pack of 1



ITEM NO.
57104870
57104871

- 2.5" Slide Valve, pack of 1
- 2.5" Slide Valve, pack of 10



ITEM NO.
57104880

- 4" to 2.5" Y Reducer, pack of 1



ITEM NO.
57104887

- 4" to 2.5" Y Reducer Fixed Base, pack of 1

57104861+57104861	57104866	57104868	57104880	57104878
57104864	57104883	57104881	57104874	57104887
57104872	57104876	57104885	57104886	57104870

G “INDUSTRIAL SUPPLIES



VACUUM FLEX TUBE FEATURES



This 2-1/2" vacuum flex tube is designed specifically for vacuum systems, and can be used for vacuuming dust, smoke, and particles. The tube's angle can be conveniently adjusted to reach every place within a work area. Length can also be adjusted to meet work needs.

Several types of connectors and nozzles are also available, allowing users to select the most suitable setup.

This 2-1/2" vacuum tube can be connected to a 3" PVC drainage pipe, 3" metal pipe, or a portable vacuum cleaner.



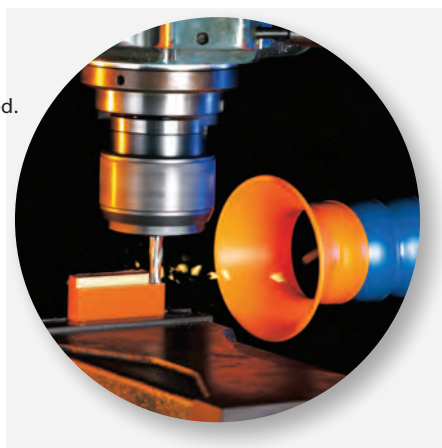
- The tube can be rotated 360°; angle is easily adjusted. Can be attached in an ideal working location.
- Durable, compression-resistant, wear-resistant.
- Made using superior POM plastic steel; resistant to most chemicals.
- Highly flexible; bending will not reduce the inner diameter. Bending radius is approximately 145 mm.

TEMPERATURE SPECIFICATIONS

- Melting point: 165°C
- Maximum use temperature: 65°C

WARNING

- These vacuum flex tubes are made from plastic steel material. This material is highly flammable and must be kept away from sources of flame in order to prevent fire.

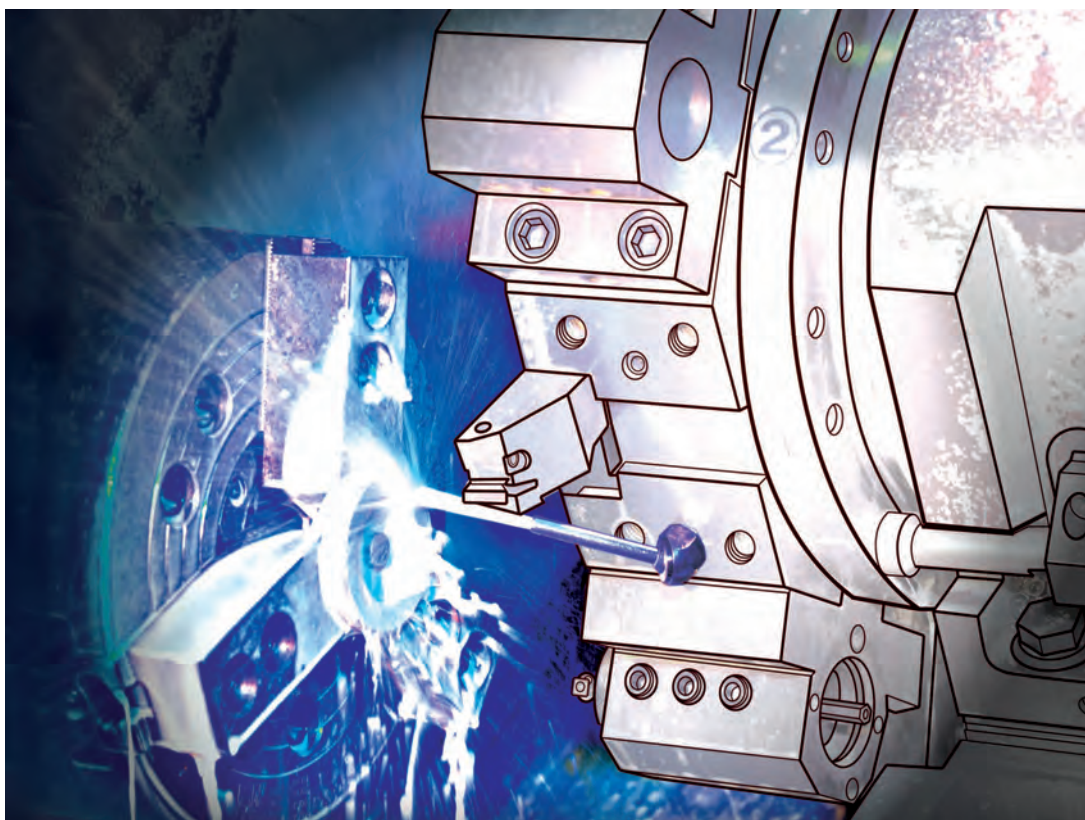




INCLINED-INJECTION HIGH PRESSURE ADJUSTABLE NOZZLE

The injection direction forms one angle with the fixed direction and is applied widely to deviate spraying cooling system, such as turret of the CNC lathe.

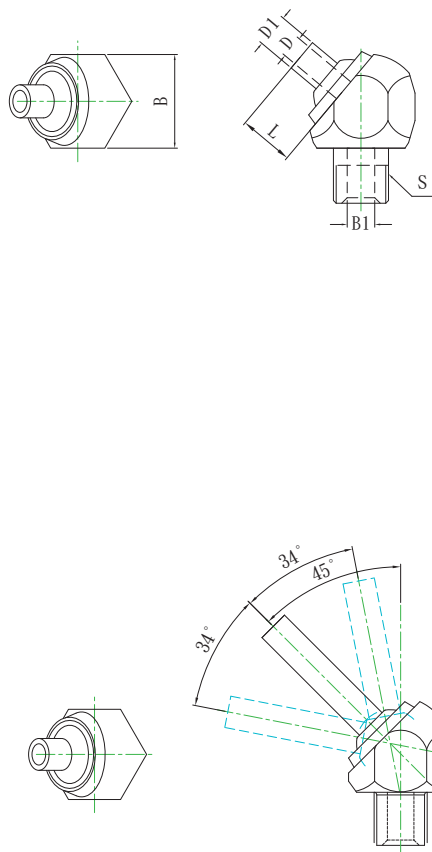
- Easy adjustable angle.
- Accurate and steady positioning.
- Element cleaning after the machining process.
- Get the "water" power ready to inject cutting tool, secure the cooling of the cutters in the machining course to extend the service life of cutters.
- Strong injection cooling system makes the filing strap won't wind around the lathe tool and secure the elements more accurately and the surface more smoothly during the machining process.
- Applied to spraying and cooling system and ejector of each type of machine.



G “ INDUSTRIAL SUPPLIES



INCLINED-INJECTION HIGH PRESSURE ADJUSTABLE NOZZLES



UNIT: mm

ITEM NO.	SPECIFICATIONS	D	THREAD (S)	MAJOR SIZE			
				L	D1	B1	HEXAGRAM (B)
57103017	1/8"PT-Ø4 x 10L	4	PT 1/8"	10	6	6	17
57103018	1/8"PT-Ø4 x 30L	4	PT 1/8"	30	6	6	17
57103019	1/8"PT-Ø4 x 50L	4	PT 1/8"	50	6	6	17
57103020	1/4"PT-Ø4 x 10L	4	PT 1/4"	10	6	6	17
57103021	1/4"PT-Ø4 x 30L	4	PT 1/4"	30	6	6	17
57103022	1/4"PT-Ø4 x 50L	4	PT 1/4"	50	6	6	17
57104823	3/8"PT-Ø6 x 20L	6	PT 3/8"	20	8	10	24
57104824	3/8"PT-Ø6 x 40L	6	PT 3/8"	40	8	10	24
57104825	3/8"PT-Ø6 x 60L	6	PT 3/8"	60	8	10	24
57104826	1/2"PT-Ø8 x 30L	8	PT 1/2"	30	10	12	32
57104827	1/2"PT-Ø8 x 50L	8	PT 1/2"	50	10	12	32
57104828	1/2"PT-Ø8 x 70L	8	PT 1/2"	70	10	12	32

UNIT: mm

ITEM NO.	SPECIFICATIONS	D	THREAD (S)	MAJOR SIZE			
				L	D1	B1	HEXAGRAM (B)
57103023	1/8"NPT-Ø4 x 10L	4	NPT 1/8"	10	6	6	17
57103024	1/8"NPT-Ø4 x 30L	4	NPT 1/8"	30	6	6	17
57103025	1/8"NPT-Ø4 x 50L	4	NPT 1/8"	50	6	6	17
57103026	1/4"NPT-Ø4 x 10L	4	NPT 1/4"	10	6	6	17
57103027	1/4"NPT-Ø4 x 30L	4	NPT 1/4"	30	6	6	17
57103028	1/4"NPT-Ø4 x 50L	4	NPT 1/4"	50	6	6	17
57104829	3/8"NPT-Ø6 x 20L	6	NPT 3/8"	20	8	10	24
57104830	3/8"NPT-Ø6 x 40L	6	NPT 3/8"	40	8	10	24
57104831	3/8"NPT-Ø6 x 60L	6	NPT 3/8"	60	8	10	24
57104832	1/2"NPT-Ø8 x 30L	8	NPT 1/2"	30	10	12	32
57104833	1/2"NPT-Ø8 x 50L	8	NPT 1/2"	50	10	12	32
57104834	1/2"NPT-Ø8 x 70L	8	NPT 1/2"	70	10	12	32

UNIT: mm

ITEM NO.	SPECIFICATIONS	D	THREAD (S)	MAJOR SIZE			
				L	D1	B1	HEXAGRAM (B)
57103029	M10 x 1.25P-Ø4 x 10L	4	M10 x 1.25P	10	6	6	17
57103030	M10 x 1.25P-Ø4 x 30L	4	M10 x 1.25P	30	6	6	17
57103031	M10 x 1.25P-Ø4 x 50L	4	M10 x 1.25P	50	6	6	17

UNIT: mm

ITEM NO.	SPECIFICATIONS	D	THREAD (S)	MAJOR SIZE			
				L	D1	B1	HEXAGRAM (B)
57104835	1/8"NPT-Ø3 x 10L	3	NPT 1/8"	10	5	5	14
57104836	1/8"NPT-Ø3 x 20L	3	NPT 1/8"	20	5	5	14
57104837	3/8"NPT-Ø6 x 10L	4	NPT 3/8"	10	6	6	17
57104838	3/8"NPT-Ø6 x 30L	4	NPT 3/8"	30	6	6	17
57104839	3/8"NPT-Ø6 x 50L	4	NPT 3/8"	50	6	6	17

UNIT: mm

ITEM NO.	SPECIFICATIONS	D	THREAD (S)	MAJOR SIZE			
				L	D1	B1	HEXAGRAM (B)
57104840	1/8"NPT-Ø3 x 10L	3	NPT 1/8"	10	5	5	14
57104841	1/8"NPT-Ø3 x 20L	3	NPT 1/8"	20	5	5	14
57104842	3/8"NPT-Ø6 x 10L	4	NPT 3/8"	10	6	6	17
57104843	3/8"NPT-Ø6 x 30L	4	NPT 3/8"	30	6	6	17
57104844	3/8"NPT-Ø6 x 50L	4	NPT 3/8"	50	6	6	17

UNIT: mm

ITEM NO.	SPECIFICATIONS	D	THREAD (S)	MAJOR SIZE			
				L	D1	B1	HEXAGRAM (B)
57104845	M8 x 1.25P-Ø3 x 10L	3	M8 x 1.25P	10	5	4.5	14
57104846	M8 x 1.25P-Ø3 x 20L	3	M8 x 1.25P	20	5	4.5	14



DIRECT-INJECTION HIGH PRESSURE ADJUSTABLE NOZZLE

**The injection direction is parallel to the fixed direction,
with the screw to be used to make the fixed method.
It is widely applied to the spraying and cooling system
and ejector of each type of machine.**



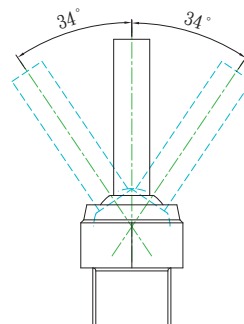
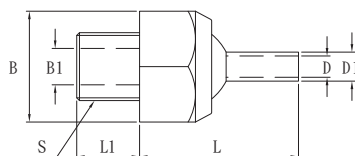
- Easy adjustable angle.
- Accurate and steady positioning, with no spring-back.
- Get the "water" power ready for an accurate injection towards milling cutter or drill, thus securing the sufficient cooling for cutter or drill during the machining process and extending its service life.



G “ INDUSTRIAL SUPPLIES



DIRECT-INJECTION HIGH PRESSURE ADJUSTABLE NOZZLES



UNIT: mm

ITEM NO.	SPECIFICATIONS	MAJOR SIZE							
		D	THREAD (S)	L	L1	D1	B1	HEXAGRAM (B)	
57103032	1/8"PT-Ø4 x 20L	4	PT 1/8"	20	10	6	6	17	
57103033	1/8"PT-Ø4 x 40L	4	PT 1/8"	40	10	6	6	17	
57103034	1/8"PT-Ø4 x 60L	4	PT 1/8"	60	10	6	6	17	
57103035	1/4"PT-Ø4 x 20L	4	PT 1/4"	20	10	6	6	17	
57103036	1/4"PT-Ø4 x 40L	4	PT 1/4"	40	10	6	6	17	
57103037	1/4"PT-Ø4 x 60L	4	PT 1/4"	60	10	6	6	17	
57103038	3/8"PT-Ø6 x 30L	6	PT 3/8"	30	13	8	10	24	
57103039	3/8"PT-Ø6 x 50L	6	PT 3/8"	50	13	8	10	24	
57103040	3/8"PT-Ø6 x 70L	6	PT 3/8"	70	13	8	10	24	
57103041	1/2"PT-Ø8 x 40L	8	PT 1/2"	40	18	10	12	32	
57103042	1/2"PT-Ø8 x 60L	8	PT 1/2"	60	18	10	12	32	
57103043	1/2"PT-Ø8 x 80L	8	PT 1/2"	80	18	10	12	32	

UNIT: mm

ITEM NO.	SPECIFICATIONS	MAJOR SIZE							
		D	THREAD (S)	L	L1	D1	B1	HEXAGRAM (B)	
57103044	1/8"NPT-Ø4 x 20L	4	NPT 1/8"	20	10	6	6	17	
57103045	1/8"NPT-Ø4 x 40L	4	NPT 1/8"	40	10	6	6	17	
57103046	1/8"NPT-Ø4 x 60L	4	NPT 1/8"	60	10	6	6	17	
57103047	1/4"NPT-Ø4 x 20L	4	NPT 1/4"	20	10	6	6	17	
57103048	1/4"NPT-Ø4 x 40L	4	NPT 1/4"	40	10	6	6	17	
57103049	1/4"NPT-Ø4 x 60L	4	NPT 1/4"	60	10	6	6	17	
57103050	3/8"NPT-Ø6 x 30L	6	NPT 3/8"	30	13	8	10	24	
57103051	3/8"NPT-Ø6 x 50L	6	NPT 3/8"	50	13	8	10	24	
57103052	3/8"NPT-Ø6 x 70L	6	NPT 3/8"	70	13	8	10	24	
57103053	1/2"NPT-Ø8 x 40L	8	NPT 1/2"	40	18	10	12	32	
57103054	1/2"NPT-Ø8 x 60L	8	NPT 1/2"	60	18	10	12	32	
57103055	1/2"NPT-Ø8 x 80L	8	NPT 1/2"	80	18	10	12	32	

UNIT: mm

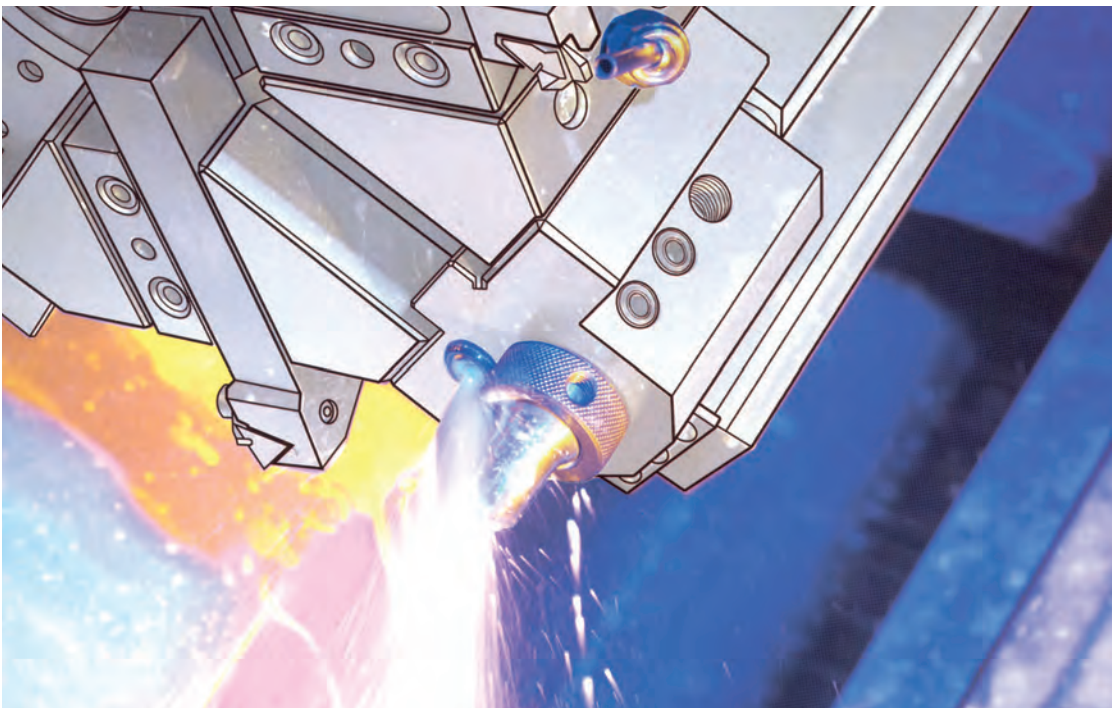
ITEM NO.	SPECIFICATIONS	MAJOR SIZE							
		D	THREAD (S)	L	L1	D1	B1	HEXAGRAM (B)	
57103056	M10 x 1.25P x Ø4 x 15L	4	M10 x 1.25P	15	10	6	6	17	
57103057	M10 x 1.25P x Ø4 x 20L	4	M10 x 1.25P	20	10	6	6	17	
57103058	M10 x 1.25P x Ø4 x 40L	4	M10 x 1.25P	40	10	6	6	17	
57103059	M10 x 1.25P x Ø4 x 60L	4	M10 x 1.25P	60	10	6	6	17	
57103060	M20 x 1.5P x Ø6 x 30L	6	M20 x 1.5P	30	13	8	10	24	
57103061	M20 x 1.5P x Ø6 x 50L	6	M20 x 1.5P	50	13	8	10	24	
57103062	M20 x 1.5P x Ø6 x 70L	6	M20 x 1.5P	70	13	8	10	24	
57103063	M24 x 2.0P x Ø8 x 40L	8	M24 x 2.0P	40	18	10	12	32	
57103064	M24 x 2.0P x Ø8 x 60L	8	M24 x 2.0P	60	18	10	12	32	
57103065	M24 x 2.0P x Ø8 x 80L	8	M24 x 2.0P	80	18	10	12	32	



MOUNTED HIGH PRESSURE ADJUSTABLE NOZZLE

The injection direction is parallel to the fixed direction, with the fixed method adopting the close fit for the mount. It is widely applied to the spraying and cooling system and ejector of each type of machine.

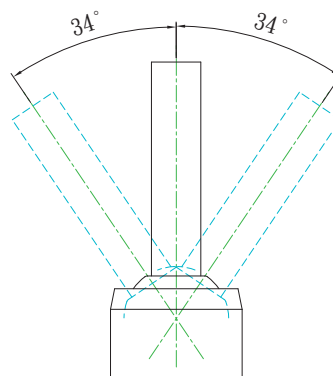
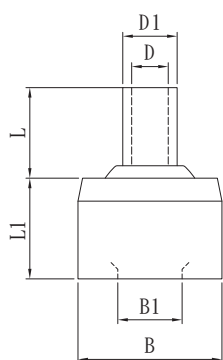
- Easy adjustable angle.
- Accurate and steady positioning, with no spring-back.
- Get the "water" power ready for an accurate injection towards milling cutter or drill, thus securing the sufficient cooling for cutter or drill during the machining process and extending its service life.



G “ INDUSTRIAL SUPPLIES



MOUNTED HIGH PRESSURE ADJUSTABLE NOZZLES



UNIT: mm

ITEM NO.	SPECIFICATIONS	D	L	MAJOR SIZE			
				D1	L1	B1	Ø (B)
57104848	Ø10 x Ø2	2	1	3	8	4.5	10
57104847	Ø12 x Ø2 x 5L	2	5	4	8	5.5	12

ITEM NO.	SPECIFICATIONS	D	L	MAJOR SIZE			
				D1	L1	B1	Ø (B)
57103075	Ø14 x Ø3 x 8L	3	8	5	8	7	14

ITEM NO.	SPECIFICATIONS	D	L	MAJOR SIZE			
				D1	L1	B1	Ø (B)
57103071	Ø15 x Ø4 x 5L	4	5	6	8	7	15
57103072	Ø15 x Ø4 x 10L	4	10	6	8	7	15
57103073	Ø15 x Ø4 x 30L	4	30	6	8	7	15
57103074	Ø15 x Ø4 x 50L	4	50	6	8	7	15

ITEM NO.	SPECIFICATIONS	D	L	MAJOR SIZE			
				D1	L1	B1	Ø (B)
57103066	Ø16 x Ø4 x 5L	4	5	6	11	7	16
57103067	Ø16 x Ø4 x 10L	4	10	6	11	7	16
57103068	Ø16 x Ø4 x 30L	4	30	6	11	7	16
57103069	Ø16 x Ø4 x 50L	4	50	6	11	7	16

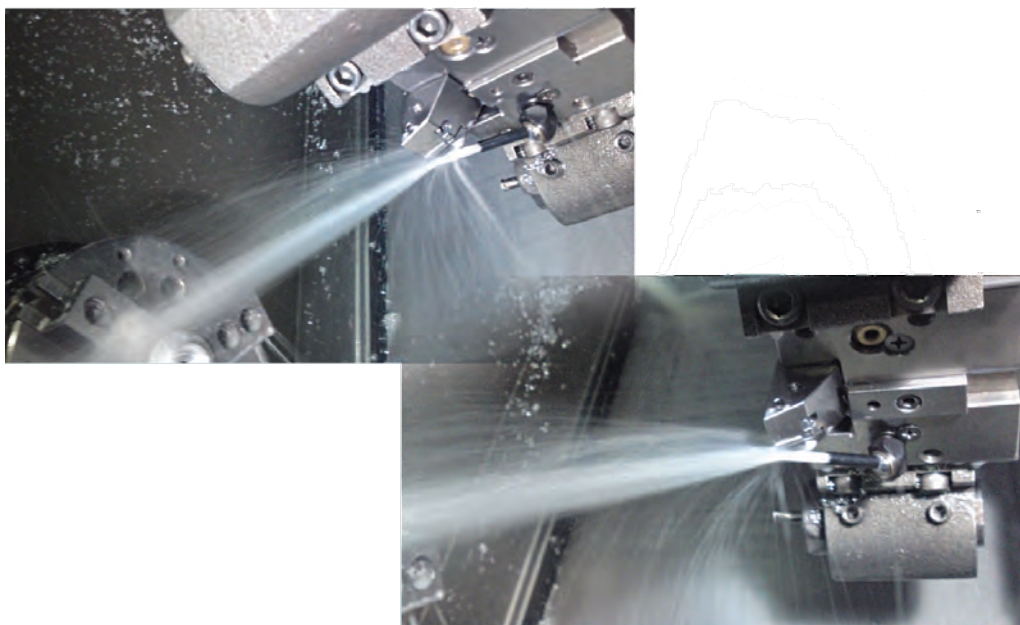
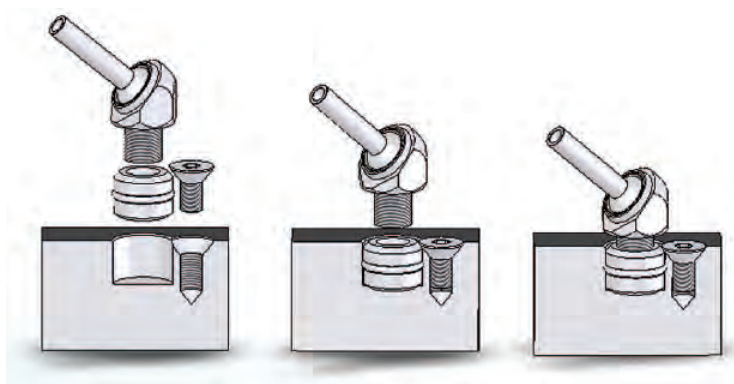


EASY JET-ON HIGH PRESSURE ADJUSTABLE NOZZLE

The injection direction forms one angle with the fixed direction, but the fixed direction uses the close fit for a mount and is applied to each CNC system.



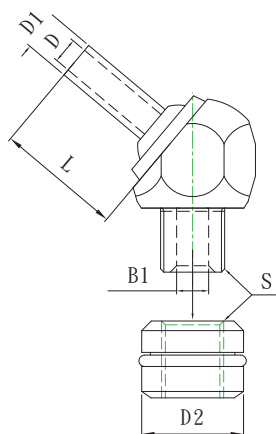
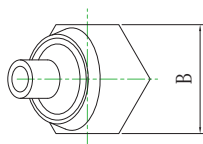
- Easy adjustable angle.
- Accurate and steady positioning, with no spring-back.
- Get the "water" power ready for an accurate injection towards milling cutter or drill, thus securing the sufficient cooling for cutter or drill during the machining process and extending its service life.
- Applied widely to the spraying and cooling system and ejector of each type of machine.



G “ INDUSTRIAL SUPPLIES



EASY JET-ON HIGH PRESSURE ADJUSTABLE NOZZLES



UNIT: mm

ITEM NO.	SPECIFICATIONS	MAJOR SIZE						
		D2	D	THREAD (S)	L	D1	B1	HEXAGRAM (B)
57104849	1/8"PT-Ø4 x 10L	14	4	PT 1/8"	10	6	6	17
57104850	1/8"PT-Ø4 x 30L	14	4	PT 1/8"	30	6	6	17
57104851	1/8"PT-Ø4 x 50L	14	4	PT 1/8"	50	6	6	17

UNIT: mm

ITEM NO.	SPECIFICATIONS	MAJOR SIZE						
		D2	D	THREAD (S)	L	D1	B1	HEXAGRAM (B)
57104852	1/8"PT-Ø4 x 10L	15	4	PT 1/8"	10	6	6	17
57104853	1/8"PT-Ø4 x 30L	15	4	PT 1/8"	30	6	6	17
57104854	1/8"PT-Ø4 x 50L	15	4	PT 1/8"	50	6	6	17

UNIT: mm

ITEM NO.	SPECIFICATIONS	MAJOR SIZE						
		D2	D	THREAD (S)	L	D1	B1	HEXAGRAM (B)
57104855	1/8"PT-Ø4 x 10L	16	4	PT 1/8"	10	6	6	17
57104856	1/8"PT-Ø4 x 30L	16	4	PT 1/8"	30	6	6	17
57104857	1/8"PT-Ø4 x 50L	16	4	PT 1/8"	50	6	6	17

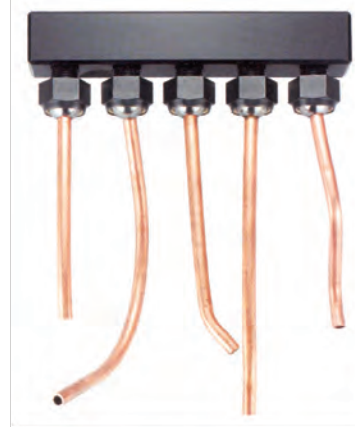
UNIT: mm

ITEM NO.	SPECIFICATIONS	MAJOR SIZE						
		D2	D	THREAD (S)	L	D1	B1	HEXAGRAM (B)
57104858	1/8"PT-Ø4 x 10L	18	4	PT 1/8"	10	6	6	17
57104859	1/8"PT-Ø4 x 30L	18	4	PT 1/8"	30	6	6	17
57104860	1/8"PT-Ø4 x 50L	18	4	PT 1/8"	50	6	6	17



EXAMPLES OF APPLICATION

- Five multi-faceted direction of cooling injections.
- Strong injection cooling system will secure the cooling in the machining process.
- Strong injection cooling system will further clean out the dregs on diamond wheel, thus making more sharpened and extend its service life.
- Strong injection cooling system will further clean out the dregs on working table and bring out a clean workpiece.

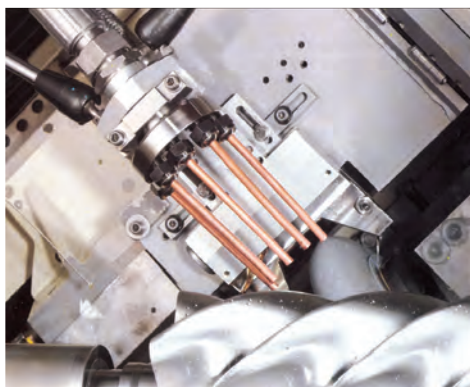


EXAMPLE OF USE FOR CUTTING GRINDER



- Five multi-faceted direction of cooling injections.
- Strong injection cooling system will secure the cooling in the machining process.
- Strong injection cooling system will further clean out the dregs on diamond wheel, thus making more sharpened and extend its service life.
- Strong injection cooling system will further clean out the dregs on working table and bring out a clean workpiece.

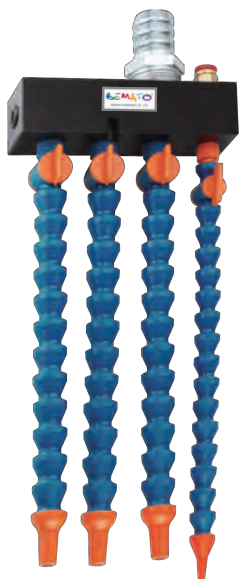
PNEUMATIC MACHINE TO CUTTING GRINDER



G " INDUSTRIAL SUPPLIES

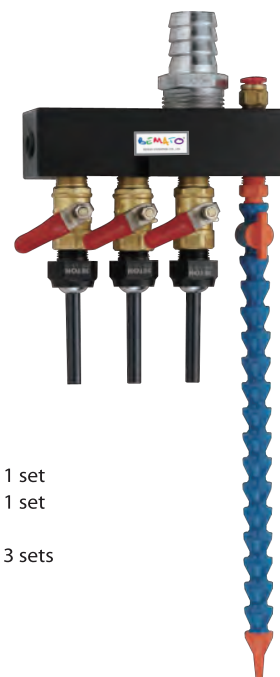
TOTAL FLOW CONTROL UNIT

The total flow control unit can be installed on all types of mechanical equipment to control water flow. It is easy to install and make machine more aesthetically attractive. Ensures convenient flow control.



< ITEM NO. 57103076

- Total Flow Control Unit 1 set
- 1/4" Adjustable Coolant Hoses & Valves Unit 1 set
- 3/8" Adjustable Coolant Hoses & Valves Unit 3 sets

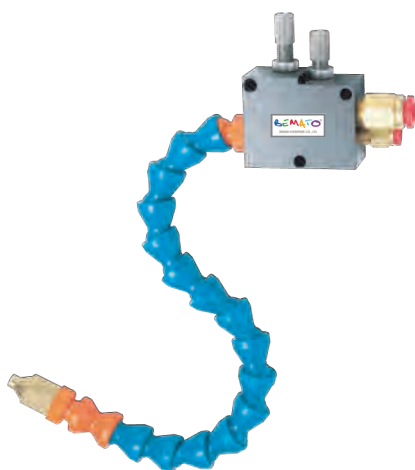


> ITEM NO. 57103077

- Total Flow Control Unit 1 set
- 1/4" Adjustable Coolant Hoses & Valves Unit 1 set
- High Pressures Adjustable Nozzle 3 sets



SPRAYING DEVICE



< ITEM NO.57103078

- Aluminum Base 1 set
- 1/4" Adjustable Coolant Hoses 1 pc
- A Spray Nozzle 1 pc
- Applied to cool the micro-cutting under the high-speed.
- Two inlet ports, one for oil, and the other one for air.
- Adjust blot to adjust the oil and air.
- The pressure exportation oil and air.



> ITEM NO.57103079

- Aluminum Base 1 set
- 1/4" Adjustable Coolant Hoses 1 pc
- A Spray Nozzle 1 pc
- Applied to cool the micro-cutting under the high-speed.
- Two inlet ports, one for oil, and the other one for air.
- Adjust blot to adjust the oil and air.
- The pressure exportation air arouses the oil into.





AIR COOLERS

FEATURES:

- Use cold air for dry finishing cutting in each cutting action.
- Use cold air particularly for mold cooling and cleaning task.
- The air coming from air compressor is able to cause itself to be cold air through the system.
- Moisture is forbidden against the air from the output of the air compressor.
- The horse power of the air compressor should be more than 2HP at least. (More HP will affect colder air)
- The lowest temperature degree of the cold air made will be 40° below zero C.
- Useful in drilling, milling machine, machine center, cutting machine center, and mold cooling.

> ITEM NO. 57105387

- The item can be assembled in various ways.

> ITEM NO. 57105388

- Combined with magnetic base, it can be attached on either one of machines mentioned above.

> ITEM NO. 57104895, 57105389

- Combined with universal magnetic base, it will be useful in various angle adjustments after attach on either one of machines mentioned above.
- The magnetic power of it is optional either 80 or 100 kgf.

> ITEM NO. 57105390

- It will be useful in various angle adjustments after attached on either one of machines mentioned above.

> ITEM NO. 57105391

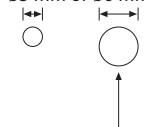
- It is particularly useful in machining center.

> ITEM NO. 57105392

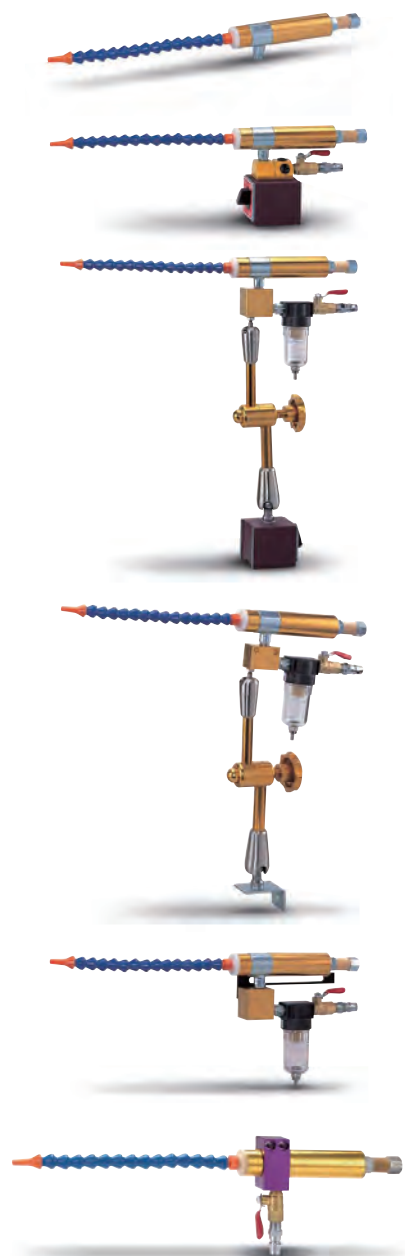
- This product can be mounted on various machines.

FLEXIBLE TUBES (L: 210 mm)

ø3 mm or ø6 mm



STANDARD



G “ INDUSTRIAL SUPPLIES

COOLANT MIST UNITS

FEATURES:

- To be used on machine tools for cooling purpose.
- Uses with customer's own coolant tank.
- Unit includes a 2M long syphonal line, flexible metal coolant hose with bronze nozzle, air control valve.
- Unit can be used with magnetic base or fixed to machine directly.
- Controls are easily accessible to the operator.



▲ ITEM NO. 57100500
With metal hose of 500 mm



▲ ITEM NO. 57104818
With metal hose of 300 mm

▲ ITEM NO. 57100501
With metal hose of 250 mm



COOLANT MIST UNIT W/ MAGNETIC BASE

FEATURES:

- Same as ITEM NO. 57100500
- Built the coolant mist unit to the magnetic base.
- Easily removable to the work.
- Magnetic base with 80 kgf magnetic pull.



◀ ITEM NO. 57100502



COOLANT MIST UNIT

FEATURES:

- Larger mist spray spout.
- 4M long syphonal line.
- Pencil type spout for stronger flush.



➤ ITEM NO. 57100503
With universal
mechanical arm and
fixing bracket.

◀ ITEM NO. 57100504
With universal
mechanical arm
magnetic base.



UNIVERSAL ARM CHIP-SHIELD



< ITEM NO. 57103080

< MAGNETIC BASE

- Dimension: 60 x 50 x 55 mm
- Holding power: 80 kgf

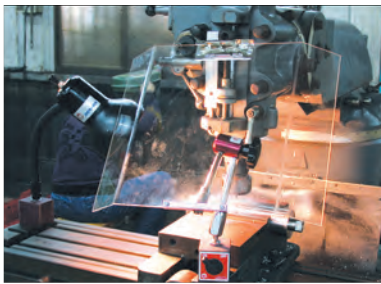
< ARM

- Length: 285 mm

< SHIELD

- Dimension: 380 x 300 mm

EXAMPLE IN USE



On milling machine



On milling machine



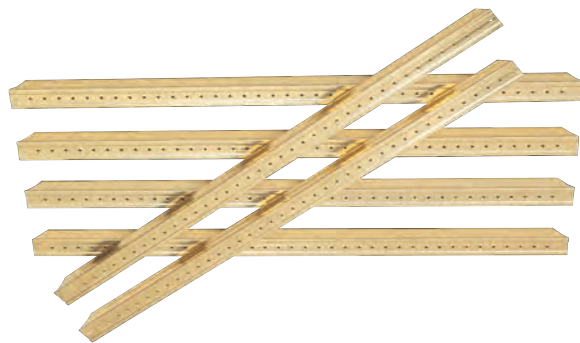
On lathe machine



T-SLOT COVERS

FEATURES:

- Aluminum extrusion, anodized.
- Suitable for all kinds of machines with T-slotted table.
- Prevents chips from falling into table slot and keep coolants clean.
- T-slot cover has drill holes for fluids through.
- Sold in set.



UNIT: mm

ITEM NO.	WIDTH	LENGTH	PIECES/SET
57100519	16	400	6
57100520	18	450	
57100521	20	1000	
57100522	22		
57100523	24		
57100524	28		
57100525	36		5



G “ INDUSTRIAL SUPPLIES

CESP DIAL TYPE ELECTRIC LUBRICATOR



ITEM NO.	57103398
Act time	2,3,5,10,15,20,25,30 sec (Optional)
Interval time	3,5,10,15,20,30,60,180 min (Optional)
Motor (w)	12W
Max volume	135 cc/min
Max pressure	10 kgf/cm ²
1ø voltage (v)	110V, 220V
Ampere (a)	1.6A, 0.6A
Hertz (hz)	60Hz or 50Hz
Discharge bore	ø4 or ø6
Pressure gauge	Optional
Oil viscosity	32-68cST@40°C

UNIT: mm

TANK CODE	TANK MATERIAL	CAPACITY LITERS	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	WEIGHT (kgs)
01	Resin	2L	145	199	124	236	2.30
02	Aluminum	2L	200	202	134	224	3.50
03	Resin	3L	205	230	167	232	2.80
04	Resin	4L	250	256	162	277	3.45
05	Aluminum	4L	280	275	150	246	4.45
08	Iron	8L	338	355	197	261	7.20

CESH SINGLE TIME ADJUSTER TYPE ELECTRIC LUBRICATOR



ITEM NO.	57103399
Act time	10 sec (Non-adjustable)
Interval time	1-180 min or 1-60 min (Optional)
Motor (w)	12W
Max volume	135 cc/min
Max pressure	10 kgf/cm ²
1ø voltage (v)	110V, 220V
Ampere (a)	1.6A, 0.6A
Hertz (hz)	60Hz or 50Hz
Discharge bore	ø4 or ø6
Pressure gauge	Optional
Oil viscosity	32-68cST@40°C

UNIT: mm

TANK CODE	TANK MATERIAL	CAPACITY LITERS	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	WEIGHT (kgs)
01	Resin	2L	145	199	137	236	2.30
02	Aluminum	2L	200	202	139	224	3.50
03	Resin	3L	205	230	167	232	2.80
04	Resin	4L	250	256	162	277	3.45
05	Aluminum	4L	280	275	150	246	4.45
08	Iron	8L	338	355	197	261	7.20



CESD TYPE RESISTANCE ELECTRIC LUBRICATOR



ITEM NO.	57103400
Act time	3-60 sec
Interval time	1-60 min or 1-180 min
Motor (w)	12W
Max volume	130 cc/min
Max pressure	8 kgf/cm ²
1ø voltage (v)	110V, 220V
Ampere (a)	1.6A, 0.6A
Hertz (hz)	60Hz or 50Hz
Discharge bore	ø4 or ø6
Time adjuster	Inside The Wiring Box
Float switch	O O
Buzzer	O O
Oil viscosity	32-68cST@40°C

TANK CODE	TANK MATERIAL	CAPACITY LITERS	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	WEIGHT (kgs)
01	Resin	2L	177	215	128	244	3.30
02	Aluminum	2L	200	218	145	235	4.45
03	Resin	3L	205	230	167	244	3.75
04	Resin	4L	250	277	162	264	4.30
05	Aluminum	4L	280	298	167	255	5.30
08	Iron	8L	338	355	190	280	8.00

UNIT: mm



CEN01 RESISTANCE TYPE ELECTRIC LUBRICATOR



ITEM NO.	57103401
Act time	Control by PLC
Interval time	Control by PLC
Motor (w)	30W
Max volume	130 cc/min
Max pressure	15 kgf/cm ²
1ø voltage (v)	110V, 220V
Ampere (a)	2.5A, 1A
Hertz (hz)	60Hz or 50Hz
Discharge bore	ø4 or ø6
Oil viscosity	32-68cST@40°C

TANK CODE	TANK MATERIAL	CAPACITY LITERS	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	WEIGHT (kgs)
01	Resin	2L	177	215	128	244	3.75
02	Aluminum	2L	200	218	145	235	4.90
03	Resin	3L	205	230	167	244	4.30
04	Resin	4L	250	277	162	264	4.90
05	Aluminum	4L	280	298	167	255	5.85
08	Iron	8L	338	355	190	280	8.60

UNIT: mm



G “ INDUSTRIAL SUPPLIES

CEA TYPE RESISTANCE ELECTRIC LUBRICATORS



< 05(25W)



▲ 05(60W)



▲ 02

ITEM NO.	57103402	
Act time	3sec-3min	
Interval time	1-60min, 1-180min, 1-360min	
Motor	25W	60W
Max volume	250 cc/min	600 cc/min
Max pressure	15 kgf/cm ²	30 kgf/cm ²
1ø voltage (v)	110V	110V
	220V	220V
Ampere (a)	0.7A	1A
	0.25A	0.65A
Hertz (hz)	50/60Hz	
Discharge bore	ø4 or ø6	
Oil viscosity	32-68cST@40°C	

UNIT: mm

MODEL	TANK CODE	TANK MATERIAL	CAPACITY LITERS	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	WEIGHT (kgs)
25W	02	Aluminum	2L	200	217	143.3	255	5.44
	04	Resin	4L	250	269	184	276	5.45
	05	Aluminum	4L	280	311	184	276	6.45
	08	Iron	8L	338	355	189	295	9.40
60W	05	Aluminum	4L	280	298	165	310	7.50
	08	Iron	8L	338	355	190	340	10.45



CEN04 TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR



ITEM NO.	57103403
Act time	1-999sec
Interval time	1-999sec, 1-999min
Motor	30W
Max volume	130 cc/min
Max pressure	15 kgf/cm ²
1ø voltage (v)	110V, 220V
Ampere (a)	2.5A, 1A
Hertz (hz)	60Hz or 50Hz
Discharge bore	ø4 or ø6
Oil viscosity	32-68cST@40°C

UNIT: mm

TANK CODE	TANK MATERIAL	CAPACITY LITERS	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	WEIGHT (kgs)
01	Resin	2L	177	215	128	244	4.00
02	Aluminum	2L	200	218	145	235	5.20
03	Resin	3L	205	230	167	244	4.60
04	Resin	4L	250	277	162	264	5.20
05	Aluminum	4L	280	298	167	255	6.15
08	Iron	8L	338	355	190	280	8.85



ELECTRICAL AUTOMATIC PUMPS SMA MODEL

The outstanding performances of SMA models belong to intermittent oil supply pumps whose specification are classed into four kinds by the intermittent time and the discharged amount is adjustable within the range of 1~3 c.c.



UNIT: mm

ITEM NO.	INTERMITTENT TIME (min)	DISCHARGED AMOUNT (c.c./st)	MAX DISCHARGED PRESSURE (kg/cm ²)	CAPACITY (L)	WEIGHT (kgs)
57103404		1~3	3	2	
57103405	5,10,15,30,60	3~6	3	2	1.8
57103406		4~8.5	3	2	



MOTOR TYPE ENGINE OIL / GREASE OILERS

- ITEM NO. 57103407
- ITEM NO. 57103408
- ITEM NO. 57103409 (W/ TIMER CONTROL)
- ITEM NO. 57103410 (W/ TIMER CONTROL)



G3 - ELE. / MANUAL LUBRICATORS

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



MANUAL TYPE OIL / GREASE PUMPS



- < ITEM NO. 57103411 (OIL-300C.C.)
- ITEM NO. 57103412 (OIL-800C.C.)
- ITEM NO. 57103413 (GREASE-300C.C.)
- ITEM NO. 57103414 (GREASE-800C.C.)



ELECTROMAGNETIC PUMP (FOR GRINDING MACHINE)



- < ITEM NO. 57103415



RATTING HAND PUMPS LT MODEL

Rattle the lever of the pump reiteratively and the oil will be pressured into the main pipe. When the lever is released, it will return to the original position automatically.



ITEM NO.	DISCHARGED AMOUNT (c.c./st)	MAX DISCHARGED PRESSURE (kg/cm ²)	CAPACITY (c.c.)	EFFICIENT CAPACITY (c.c.)	WEIGHT (kgs)
57103416	4	15	230	200	0.8
57103417	6	15	350	250	1.2
57103418	8	15	600	400	
57103419	8	15	650	450	



CLA TYPE HAND-PULL MANUAL LUBRICATORS



< ITEM NO. 57103424~57103427

▲ ITEM NO. 57103420~57103423

UNIT: mm

ITEM NO.	MAX VOLUME	MAX PRESSURE	CAPACITY	DISCHARGE BORE	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	OIL VISCOSITY	WEIGHT (kgs)	
57103420	8cc	15kgf/cm ²	350cc	ø4	NO. 1	85	112	134	188	32-68 cSt@40°C	1.23
57103421				NO. 2	1.25						
57103422				ø6	NO. 1						1.24
57103423				NO. 2	1.27						
57103424	8cc	15kgf/cm ²	600cc	ø4	NO. 1	100,110	124	138	207	32-68 cSt@40°C	1.50
57103425				NO. 2	1.52						
57103426				ø6	NO. 1						1.50
57103427				NO. 2	1.53						



CTA TYPE HAND-PULL MANUAL LUBRICATORS



▲ ITEM NO. 57103429

▲ ITEM NO. 57103430



▲ ITEM NO. 57103428

UNIT: mm

ITEM NO.	MAX VOLUME	MAX PRESSURE	CAPACITY	DISCHARGE BORE	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	OIL VISCOSITY	WEIGHT (kgs)
57103428	3cc	3.5kgf/cm ²	180cc	ø4, ø6	56	117	70	124	32-68 cSt@40°C	0.49
57103429 Left Type	8cc	3.5kgf/cm ²	650cc	ø4	136, 110	183	80	125	32-68 cSt@40°C	1.01
57103430 Right Type										



G3 - ELE. / MANUAL LUBRICATORS

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



CKE TYPE HAND-PRESSING LUBRICATORS



UNIT: mm

ITEM NO.	MAX VOLUME	MAX PRESSURE	CAPACITY LITERS	DISCHARGE BORE	FIXED HOLE DISTANCE	LENGTH	WIDTH	HEIGHT	OIL VISCOSITY	WEIGHT (kgs)
57103431 Left Type	8cc	5kgf/cm ²	1L	ø4 or ø6	100	195	85	253	32-68 cSt@40°C	1.53
57103432 Right Type										
57103433 Left Type	8cc	5kgf/cm ²	2L	ø4 or ø6	145	214	116	253	32-68 cSt@40°C	2.02
57103434 Right Type										



OIL SKIMMER WITH TIMER

APPLICATIONS:

- To be used on any machines which have coolant tank heavily with oil.
- Clean and separate oil from coolant recycle, then expel oil out of coolant tank.
- Unit with timer for the convenience of setting recycle time.

FEATURES:

- Special durable leather belt can be used repeatedly.
- Leather belt is heat-resistance and chemical-resistance.
- Compact unit and light for easy installation.
- Cost savings. No extra cost for consuming materials.



UNIT: mm

ITEM NO.	POWER SOURCE	OIL EXPEL CAPACITY	DIMENSIONS			WEIGHT	BELT DIMENSIONS (W x L)	EXHAUSTING HOSE
			L	W	H			
57100526	AC 110/220V	4 Litre/hr	190	102	153	2.6 kgs	39 x 800	ø22 x 600 mmL



OIL SKIMMER



UNIT: mm

ITEM NO.	POWER SOURCE	OIL EXPEL CAPACITY	DIMENSIONS			WEIGHT	BELT DIMENSIONS (W x L)	EXHAUSTING HOSE
			L	W	H			
57100527	AC 110/220V	4 Litre/hr	150	102	138	2.4 kgs	39 x 550	ø22 x 600 mmL



TUBE TYPE OIL SKIMMERS



ITEM NO. 57103435



ITEM NO. 57103436

FEATURES:

- Oil lift rate is approximately 1 quart per hour.
- Oil tube perpetually cycle for collect oil and efficiently completely get rid of useless oil.
- Attached a 24 hours procedure timer to run repeatedly in accordance with time proportion which is set and also provide the best efficacy of sucking floating oil.

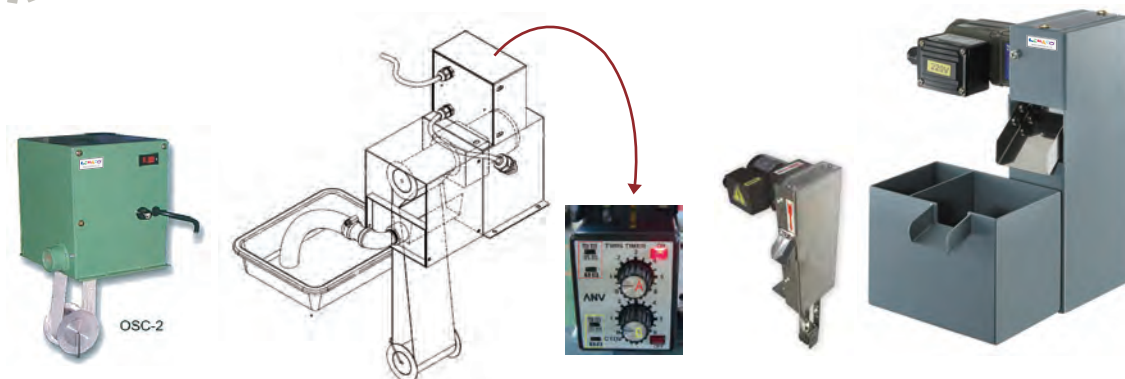
UNIT: mm

ITEM NO.	INPUT VOLTAGE	CAPACITY	DIMENSION			BELT DIMENSION	SIZE		NET WEIGHT
			L	B	H	ℓ	ØD	L	
57103435 (W/TIMER)	1ØAC 110/220V	1L/1h	155	78	178	ℓ1:450 ℓ2:300	ø22	150	1.5 kgs
57103436	1ØAC 110/220V	1L/1h	155	78	140	ℓ3:200	ø22	150	1.2 kgs



G “ INDUSTRIAL SUPPLIES

BELT TYPE OIL SKIMMERS



ITEM NO. 57105393

ITEM NO. 57105396-1

ITEM NO. 57105397

UNIT: mm

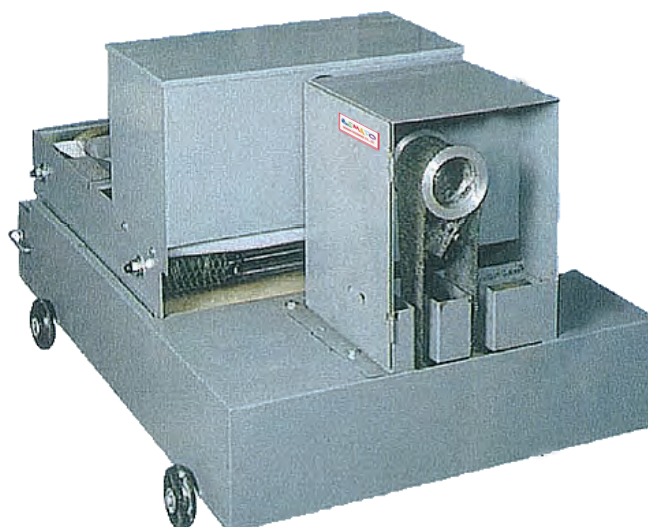
ITEM NO.	BELT WIDTH	MOTOR	DIMENSION L x W x H
57105393	40	6W 220V 1 ψ	190 x 102 x 155
57105394	40 (W/ TIMER)	6W 220V 1 ψ	190 x 102 x 155
57105395	40	6W 220V 1 ψ	184 x 150 x 180
57105396	100	25W 220V 3 ψ	288 x 180 x 180
57105396-1	100 (W/ TIMER)	25W 220V 3 ψ	288 x 180 x 180
57105397	20	25W 220V 3 ψ	166 x 114 x 280

NOTE:

1. Standard belt is suitable for tank height of 150~200 mm.
2. For special, specification, please indicate height of tank.



NET TYPE OIL SKIMMER



UNIT: mm

ITEM NO.	STAINLESS-STEEL NET WIDTH	MOTOR	RETARDING RATIO
57105398	100	25W	1/180

NOTE: Special specifications are available.



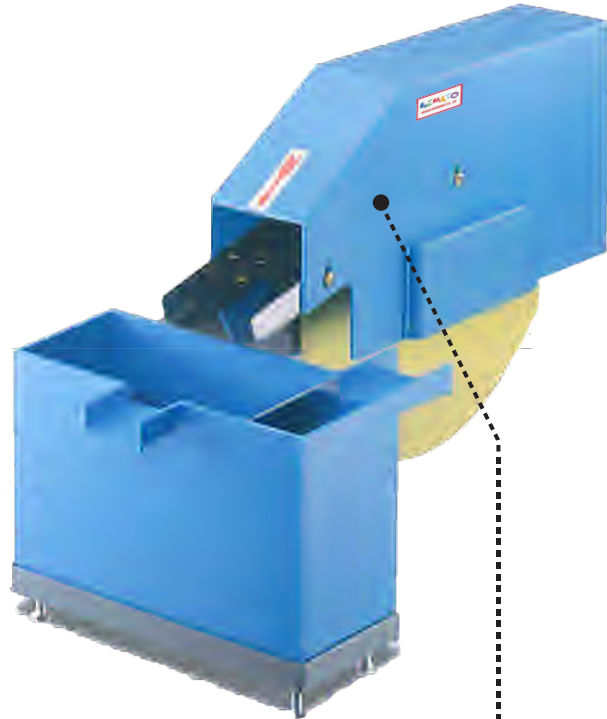
DISK TYPE OIL SKIMMERS

FEATURES:

- Prevent coolant corruption- machining center equipped with auto lubrication system without recycling function tends to generate tramp oil and deteriorate coolant quality.
- Minimum maintenance cost for increasing processing efficiency and surface fineness of workpiece.

UNIT: mm

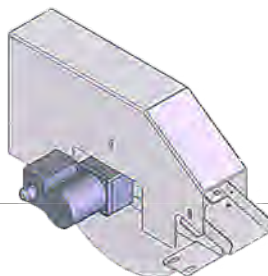
ITEM NO.	DISC DIA.	DISC PROTRUDE
57104922	200	70
57104923	250	95
57104924	300	120
57104925	300	120
57104926	400	170
57104927	500	270



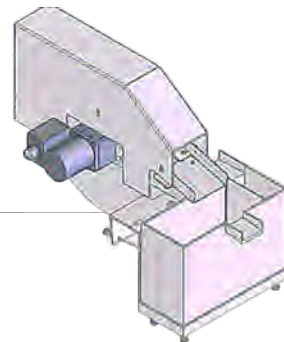
▲ ITEM NO. 57104924



▲ ITEM NO. 57104925



▲ ITEM NO. 57104924A
LOCK TYPE



▲ ITEM NO. 57104924
CLAMP TYPE



G “ INDUSTRIAL SUPPLIES



OIL SKIMMER – ELECTRICITY-FREE & PNEUMATICALLY OPERATED

- No consumable components.
- Easy installation.
- No fire risk.



- Special design to defoam.
- No defoamant required.

- Electricity-Free.
- Driven by a small amount of compressed air (3 kg/cm²).

- Special deflecting and filter design separates oil and water effectively. After oil and water separation, the percentage of oil can reach between 90% and 95%.

- The floating ball design is suitable for any size of oil tank. Floating model separates oil and water efficiently.

- Built-in stainless steel filter.
- Easy to wash.



- Portable with wheels for you may just place it on a trolley.



ADVANTAGES OF 57105750

- Electricity free; power cost-saving; no public safety issue.
- No extra cost for any consumables.
- Efficiently removes impurities like carbon powder, aluminum powder, and etc.
- Significantly improves oil-water separation effectiveness.
- Effectively lowers germ growth within the cutting fluid.
- Saves you considerable costs for both waste oil treatment and cutting fluid replacement.

UNIT: mm

ITEM NO.	PROCESS FLOW RATE (L/Min)	CAPZCITY (L)	N.W.	G.W.	DIMENSIONS (W x D x H)	PACKING DIMENSIONS (W x D x H)
57105750	18	33	31 kg / 68.2 lb	38 kg / 83.6 lb	510 x 260 x 780	875 x 520 x 300



FLEXIBLE CARRIERS

MATERIAL:

- SUS#304

FASTENER:

- Flanges are welded to both ends of the flexible conduct to insure electricity continuity.

LENGTH:

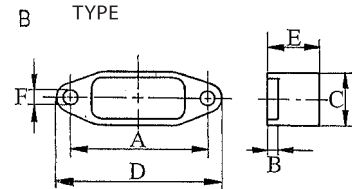
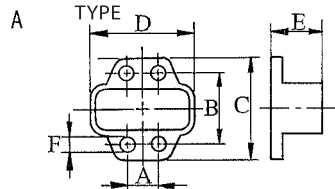
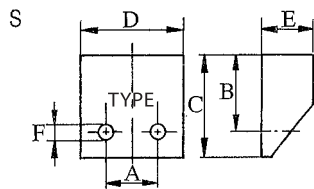
- The formula to determine the length of what required is 1/2" stroke plus 4 times bending radius plus 2" when the fixed connection is located at midpoint of stroke.

SIZE:

- Selection.To determine interior size a 10% allowance should be added to the outside diameter of the enclosed cables to prevent binding.

FITTING:

- The type of A,B,S as picture on request.



FLANGE TYPE:

UNIT: mm

S	A	B	C	D	E	F
I	22	16	25	60	35	7
II	50	16	25	90	51	7
III	70	16	25	118	66	9
IV	100	21	30	180	90	9

UNIT: mm

A	A	B	C	D	E	F
I	18	55	70	60	25	7
II	45	70	85	90	25	7
III	60	90	110	118	25	9
IV	95	115	145	180	30	9

UNIT: mm

B	A	B	C	D	E	F
I	75	6	35	90	25	7
II	105	6	51	122	25	7
III	140	7	66	160	25	9
IV	200	8	90	225	30	9

UNIT: mm

ITEM NO.	MODEL	øw (IN)	øh (IN)	ØW (OUT)	ØH (OUT)	KR (±10%)			
57103437	I	45	25	60	36	60	100	150	
57103438	II	74	40	90	53	100	150	200	250
57103439	III	102	52	118	67	100	150	200	250 300
57103440	IV	162	72	182	92	150	250	350	400



BELLOWS



- This product is applicable to screw, hydraulic cylinder ... and so the role of anti-dust and discharge of surface processing machine control, with oil and heat resistance characteristics.
- This product can be customized according to customer needs.

UNIT: mm

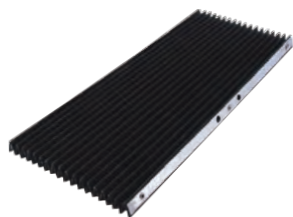
ITEM NO.	SIZE	Ød	ØD	L-MAX	L-MIN	SCALE
57103441	20	20	44	600	120	5:1
57103442	25	25	56	500	100	5:1
57103443	30	30	50	600	120	5:1
57103444	40	40	64	450	65	6:1
57103445	50	50	74	500	75	6.6:1
57103446	60	63	95	600	80	7.5:1
57103447	70	70	95	280	40	7:1
57103448	80	80	117	600	80	7.5:1
57103449	100	100	130	250	40	6:1
57103450	115	115	145	660	90	7.5:1
57103451	115	115	145	480	80	6:1
57103452	130	130	160	300	40	7.5:1
57103453	180	180	215	250	30	8.5:1



G “ INDUSTRIAL SUPPLIES



CHIP GUARDS (SERRATE TYPE)

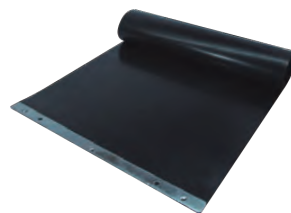


UNIT: mm

ITEM NO.	W	L
57103454	380	330
57103455	380	450
57103456	450	500
57103457	500	500



CHIP GUARDS (PLANE TYPE)

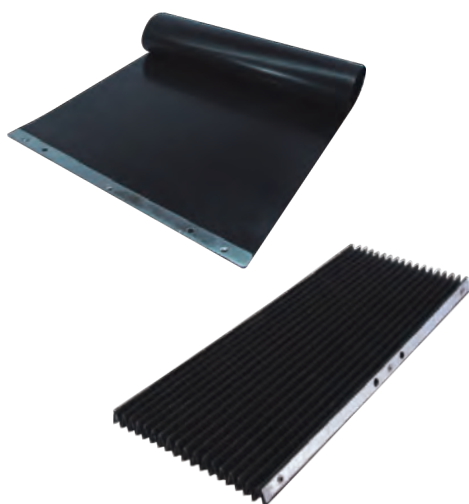


UNIT: mm

ITEM NO.	W	L
57103458	370	750
57103459	500	850
57103460	600	850



MILL WAY COVERS (SET)



> ITEM NO. 57100539

SET INCLUDES:

- 1 piece rear Y axis flat rubber way cover with fiber texture 24" width x 34" length.
- 1 piece front Y axis serrated way cover with fiber texture. 20" width x 20" length.

> ITEM NO. 57100540

SET INCLUDES:

- 1 piece rear Y axis flat rubber way cover. 16" width x 34" length.
- 1 piece front Y axis serrated rubber way cover. 16" width x 20" length.

> ITEM NO. 57100541

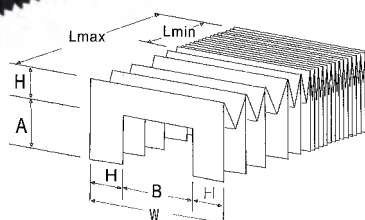
SET INCLUDES:

- 1 piece rear Y axis flat rubber way cover. 14.7" width x 30" length.
- 1 piece front Y axis serrated rubber way cover. 15" width x 16" length.

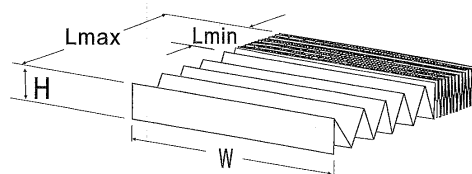


SLIDE WAY COVERS

V CHANNEL TYPE



V PLAT TYPE



MATERIAL:

- High-level synthesis of leather or heat-resistant nylon fabric

FUNCTION:

- Anti-oil, water, dust

V When ordering the cover, please provide the under size A, B...

MODEL(P or C)	SIZE						MATERIAL
	A	B	H	W	L-MAX	L-MIN	



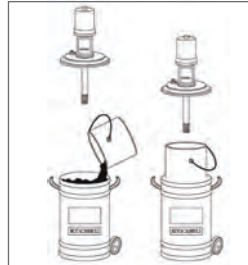
AIR OPERATED GREASE PUMPS



◀ ITEM NO.
57103461



◀ ITEM NO.
57103463

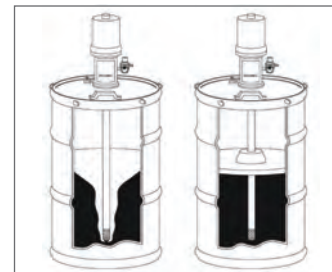


▲ How to put inside

ITEM NO. 57103023



▲ Optional accessory



▲ The difference of the usage of "Follower Plate"

FEATURE:

- The barrel body is made of high-grade steel plate. It came to become durable and lasting even more after being made manually.
- Inside diameter (ID) of barrel is 350 mm. The inside height of barrel is 430 mm. It can contain 5 gallons of barrel packed grease from all nations around the world.
- Suitable for all sorts of machinery, vehicles, airplanes, ships, etc. The efficient instrument for infusing grease powerfully for lubrication & maintenance purpose.
- Pump of separate type: utilize the principle of liquid getting pumped & driven by air compressor to draw in liquid. There are two independent & separate cycle systems of pump out there, which prevents air-compressor-exhaust moisture from getting to the grease inside the barrel and deteriorating its quality.

GREASE USAGE:

- General 00#~2# grease all can be infused into smoothly.
- In chilly areas or with such grease of high viscosity, we suggest you order extra optional accessory "Follower Plate". (ITEM NO. 57103023)

▲ SPECIFICATION:

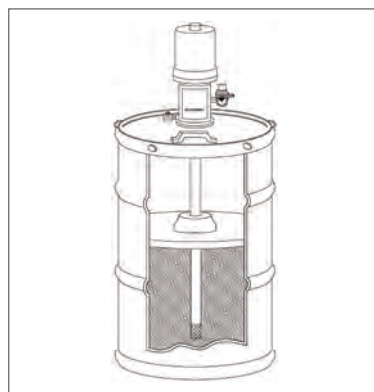
ITEM NO.	CAPACITY	AIR INPUT PRESSURE	PRESSURE RATIO	GREASE OUTPUT PRESSURE	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103461	20L	"4~9bar 60~130psi"	45:1	"180~405 bar 2700~5850 psi"	30 cc/sec	10ft	18.5 kgs	21.0 kgs	5.3'
57103462	30L	"4~9bar 60~130psi"	45:1	"180~405 bar 2700~5850 psi"	30 cc/sec	10ft	21.0 kgs	23.5 kgs	6.2'
57103463	20L	"4~9bar 60~130psi"	45:1	"180~405 bar 2700~5850 psi"	30 cc/sec	10ft	21.0 kgs	23.5kgs	6.2'



G “ INDUSTRIAL SUPPLIES



AIR OPERATED GREASE PUMP

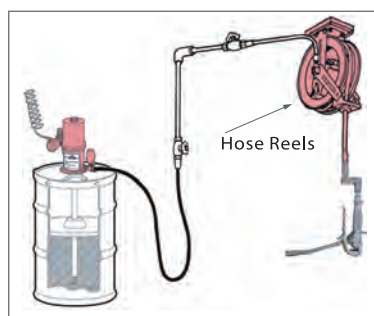


▲ How to put inside

ITEM NO. 57103524



▲ Optional accessory



▲ Accessory for reference

FEATURE:

- Suits grease of original 50 gallons pack of worldwide brands. The flow volume is big. The operation is quite easy to undertake.
- Suitable for all sorts of machinery, vehicles, airplanes, ships, etc. The efficient instrument for infusing grease powerfully for lubrication & maintenance purpose.
- Pump of separate type: utilize the principle of liquid getting pumped & driven by air compressor to draw in liquid. There are two independent & separate cycle systems of pump out there, which prevents air-compressor-exhaust moisture from getting to the grease inside the barrel and deteriorating its quality.

GREASE USAGE:

- General 00#~2# grease all can be infused into smoothly.
- When it comes to wider work place, and pipe shall be extended to much farther site, we'd suggest hoisting device be purchased extra. (ITEM NO. 57103524)

▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	PRESSURE RATIO	GREASE OUTPUT PRESSURE	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103464	200L	4~9bar 60~130psi	45:1	180~405 bar 2700~5850 psi	30 cc/sec	20ft	26.5 kgs	28.5 kgs	2.5'



AIR OPERATED GREASE PUMPS



▲ ITEM NO. 57103465

▲ ITEM NO. 57103466

FEATURE:

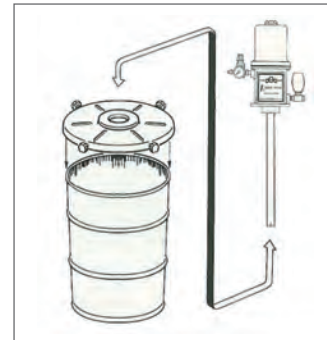
- Suits grease of original 50 gallons pack of worldwide brands. The flow volume is big. The operation is quite easy to undertake.
- Suitable for all sorts of machinery, vehicles, airplanes, ships, etc. The efficient instrument with which grease is infused powerfully for lubrication & maintenance purpose.
- Pump of separate type: utilize the principle of liquid getting pumped & driven by air compressor to draw in liquid. There are two independent & separate cycle systems of pump out there, which prevents air-compressor-exhaust moisture from getting to the grease inside the barrel and deteriorating its quality.

GREASE USAGE:

- General 00#~2# grease all can be infused into smoothly.
- When it comes to cold areas, or when there is need of using highly-viscid grease, we'd suggest pressure plate be purchased. (ITEM NO. 57103467)
- When it comes to wider work place, and pipe shall be extended to much farther site, we'd suggest hoisting device be purchased extra. (ITEM NO. 57103524)

▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	PRESSURE RATIO	GREASE OUTPUT PRESSURE	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103465	200L	4~9 bar	45:1	180~405 bar	30 cc/sec	20 ft	14.5 kgs	15.5 kgs	1.2'
57103466		60~130 psi		2700~5850 psi		-	10.0 kgs	11.0 kgs	

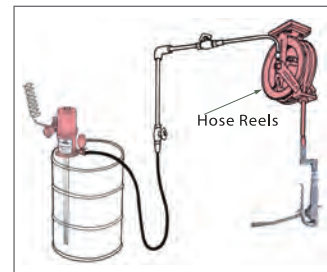


▲ How to put inside

ITEM NO. 57103524

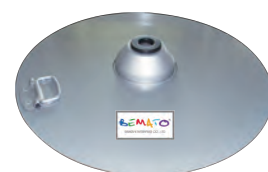


▲ Optional accessory



▲ Accessory for reference

ITEM NO. 57103467



G “ INDUSTRIAL SUPPLIES



HAND OPERATED GREASE PUMPS



▲ ITEM NO. 57103468



▲ ITEM NO. 57103470
▲ Troller for ITEM NO. 57103468

FEATURE:

- Suitable to be put inside 5 gallons original round barrel.
- Portable; to be operated manually; No electricity is needed.
- The base is equipped with foot-stepping stand. The operation will be even better with foot stepped on it.
- Suitable for all sorts of machineries, vehicles, airplanes, ships, etc. The efficient instrument with which grease can be infused powerfully for lubrication & maintenance purpose.

GREASE USAGE:

- General 00#~2# grease all can be infused into smoothly.



▲ ITEM NO. 57103469

▲ SPECIFICATION:

ITEM NO.	CAPACITY	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103468	20L	4 cc / each cycle	6 ft	4.5 kgs	7.0 kgs	1.1'
57103469				7.5 kgs	8.5 kgs	
57103470	-	-	-	3.0 kgs	4.5 kgs	



HAND OPERATED GREASE PUMP



▲ How to put inside

FEATURE:

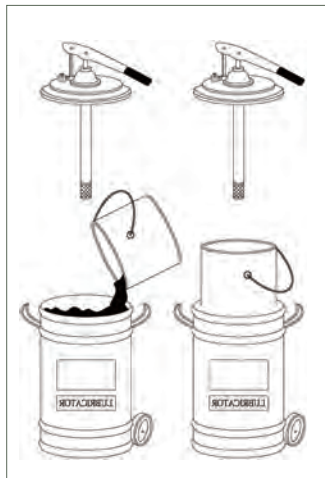
GREASE USAGE:

- General 00#~2# grease all can be infused into smoothly.



▲ SPECIFICATION:

ITEM NO.	CAPACITY	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103471	20L	4 cc/ each cycle	6 ft	7.0 kgs	9.5 kgs	2.2'



▲ How to put inside

FEATURE:

GREASE USAGE:

- General 00#~2# grease all can be infused into smoothly.



▲ SPECIFICATION:

ITEM NO.	CAPACITY	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103472	30L	4 cc/ each cycle	6 ft	10.5 kgs	13.5 kgs	5.3'



G5 - GREASE / OIL PUMPS, WASTE OIL RESERVOIRS

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



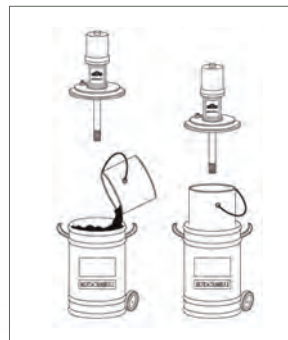
AIR OPERATED OIL PUMP / GEAR OIL PUMPS



▲ ITEM NO. 57103473



▲ ITEM NO. 57103474



▲ How to put inside

FEATURE:

- The barrel body is made of high-grade steel plate. It came to become even durable and robust after being made manually.
- Inside diameter (ID) of barrel is 350 mm. The inside height of barrel is 430 mm. It can contain 5 gallons of barrel packed oil from all nations around the world.
- Suitable for all sorts of machinery, vehicles, airplanes, ships, etc. The efficient instrument for infusing oil powerfully for lubrication & maintenance purpose.
- Special regulator device makes oil come out more smoothly. Oil gun of new type is equipped, and the muzzle is equipped with non-dripping device.
- Pump of separate type: utilize the principle of liquid getting pumped & driven by air compressor to draw in liquid. There are two independent & separate cycle systems of pump out there, which prevents air-compressor-exhaust moisture from getting to the oil inside the barrel and deteriorating its quality.

OIL USAGE:

- Pressure ratio 5:1 ⇒ suitable to pump 0#~120# engine oil or general non-corrosive solvent.
- Pressure ratio 16:1 ⇒ suitable to pump 140#~200# gear oil or general non-corrosive solvent.

• If you want to know how much added oil volume is, we suggest you buy flow meter extra.
ITEM NO. 57103513  , ITEM NO. 57103514  and ITEM NO. 57103515  , there's got three types for your option.)

▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	PRESSURE RATIO	OIL OUTPUT PRESSURE	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103473	30L	4~9 bar	5:1	20~45 bar	16 L/min	10 ft	20.0 kgs	23.0 kgs	6.2'
57103474		60~130 psi		300~650 psi			20.5 kgs	23.5kgs	



AIR OPERATED OIL PUMPS



▲ ITEM NO. 57103489

▲ ITEM NO. 57103490

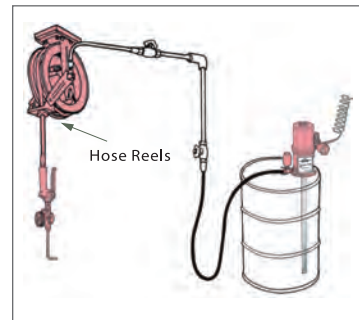


▲ How to put inside

ITEM NO.
57103525



▲ Optional accessory



▲ Accessory for reference

OIL USAGE:

- Suitable to pump 0#~120# engine oil or general dinary non-corrosive solvent.
- If you want to know how much added oil volume is, we suggest you buy flow meter extra.

(ITEM NO.  , ITEM NO.  and ITEM NO.  , there's got three types for your option)

- When it comes to wider work place, and pipe shall be extended to much farther site, we'd suggest hoisting device be purchased extra. (ITEM NO. 57103525)



▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	PRESSURE RATIO	OIL OUTPUT PRESSURE	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103489	200L	4~9 bar	5:1	20~45 bar	16 L/min	20 ft	17.2 kgs	18.5 kgs	1.2'
57103490		60~130 psi		300~650 psi			17.7 kgs	19.0 kgs	



G “ INDUSTRIAL SUPPLIES



AIR OPERATED GEAR OIL PUMPS



▲ ITEM NO. 57103497



▲ ITEM NO. 57103498



▲ ITEM NO. 57103499

OIL USAGE:

- Suitable to pump 0#~120# engine oil or general dinary non-corrosive solvent.
- If you want to know how much added oil volume is, we suggest you buy flow meter extra.
(ITEM NO. 57103513, ITEM NO. 57103514 and ITEM NO. 57103515, there's got three types for your option.)



▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	PRESSURE RATIO	OIL OUTPUT PRESSURE	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103497	200L	4~9 bar	1:1	4~9 bar	23~30	20 ft	9.2 kgs	11.2 kgs	1'
57103498		60~130 psi		60~130 psi	L/min	-	9.7 kgs	11.7 kgs	
57103499							6.2 kgs	7.5 kgs	



AIR OPERATED GEAR OIL PUMPS



▲ ITEM NO. 57103491

▲ ITEM NO. 57103492

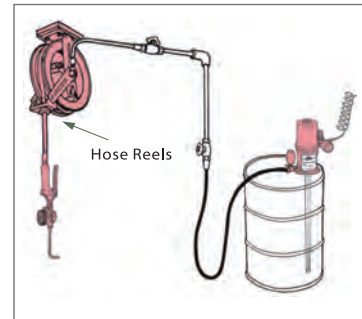


▲ How to put inside

ITEM NO.
57103525



▲ Optional accessory



▲ Accessory for reference

OIL USAGE:

- Suitable to pump 140#~200# gear oil or general non-corrosive solvent.
- If you want to know how much added oil volume is, we suggest you buy flow meter extra.
(ITEM NO. , ITEM NO.  and ITEM NO. , there's got three types for your option.)
57103513 57103514 57103515
- When it comes to wider work place, and pipe shall be extended to much farther site, we'd suggest hoisting device be purchased extra. (ITEM NO. 57103525)



▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	PRESSURE RATIO	OIL OUTPUT PRESSURE	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103491	200L	4~9 bar	16:1	64~144 bar	8 L/min	20 ft	17.5 kgs	18.5 kgs	1.2'
57103492		60~130 psi		960~2080 psi			18.0 kgs	19.0 kgs	



G5 - GREASE / OIL PUMPS, WASTE OIL RESERVOIRS

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



AIR OPERATED PUMPS FOR DIESEL OIL



◀ ITEM NO. 57103500



▲ ITEM NO. 57103501

FEATURE:

- The machine uses special oil seal. It can extract engine oil and general corrosive solvent like petroleum, diesel oil, and methyl.
- Pump of low noise. Suitable to be put above all 50 gallons which are originally packed oil barrel of all the worldwide brands. The flow volume is big. The operation is quite easy.
- It possesses such advantages of safety, high efficiency, best performance and extremely easy change or assembly. It is suitable for whoever need it in considerable usage volume.
- Pump of separate type: utilize the principle of liquid getting pumped & driven by air compressor to draw in liquid. There are two independent & separate cycle systems of pump out there, which prevents air-compressor-exhaust moisture from getting to the oil inside the barrel and deteriorating its quality.

▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	PRESSURE RATIO	OIL OUTPUT PRESSURE	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103500	200L	4~9 bar	1:1	4~9 bar	23~30	20 ft	9.7 kgs	11.2 kgs	1'
57103501		60~130 psi		60~130 psi	L/min	-	6.2 kgs	7.5 kgs	



WASTE OIL RESERVOIRS



▲ ITEM NO. 57103510

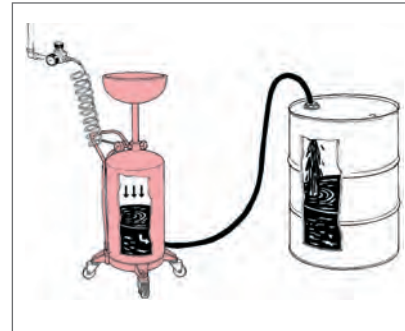
➤ ITEM NO. 57103511
ITEM NO. 57103512

FEATURE:

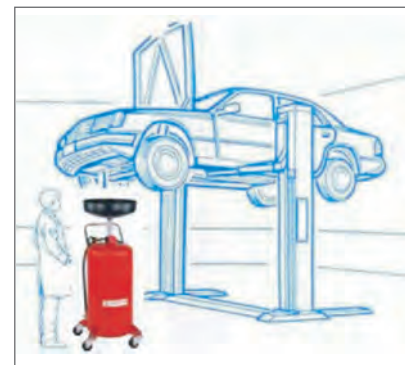
- Suitable for vehicles with oil bottom outlet design.
- Oil collecting and discharging: to be run just by one operator. This saves both time and efforts.
- Suitable for the usage of motorcycle lifter. Funnel can ascend and descend at will.
- To discharge oil by air pressure; pressure can be saved for oil discharging at wherever workplace it might be.
- With such device of air-intake safety valve, when the pressure is too high, it will release pressure automatically.
- The barrel body and hopper are designed with high-grade steel plate. It came to become durable and lasting even more after being made manually.
- Hopper is designed with steel; the contaminated oil won't come out. No such troubles of deteriorating, tending to be fragile, and deforming which plastic plastic-made hoppers have.

▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	HOSE LENGTH	N.W.	G.W.	CUFT
57103510	40L	4~9 bar60~130 psi	5 ft	29.5 kgs	32.5 kgs	9'
57103511	60L	4~9 bar60~130 psi	5 ft	35.0 kgs	38.0 kgs	7.5'
57103512	80L			42.0 kgs	46.0 kgs	10.7'



▲ Diagram of oil discharge



▲ Diagram of oil collection



G5 - GREASE / OIL PUMPS, WASTE OIL RESERVOIRS

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



HAND OPERATED OIL PUMPS

ITEM NO. 57103502

ITEM NO. 57103503



How to put inside



OIL USAGE:

- Suitable for lubricant oil, gear oil or general non-corrosive solvent: all can be infused into smoothly.
- If you want to know how much added oil volume is, we suggest you buy flow meter extra.

(ITEM NO. 57103513, ITEM NO. 57103514 and ITEM NO. 57103515, there's got three types for your option.)



SPECIFICATION:

ITEM NO.	CAPACITY	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103502	20L	65cc/each cycle	6.5 ft	7.0 kgs	9.5 kgs	2.2'
57103503				7.5 kgs	10.0 kgs	



HAND OPERATED OIL PUMPS



▲ ITEM NO. 57103504



▲ ITEM NO. 57103505

OIL USAGE:

- Suitable for lubricant oil or gear oil: all can be infused into smoothly.
- If you want to know how much added oil volume is, we suggest you buy flow meter extra.
(ITEM NO.  , ITEM NO.  and ITEM NO.  , there's got three types for your option.)

▲ SPECIFICATION:

ITEM NO.	CAPACITY	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103504	20L	100 cc/each cycle	6.5 ft	4.5 kgs	5.0 kgs	1.0'
57103505				5.0 kgs	5.5 kgs	



G5 - GREASE / OIL PUMPS, WASTE OIL RESERVOIRS

INDUSTRIAL SUPPLIES

G “INDUSTRIAL SUPPLIES



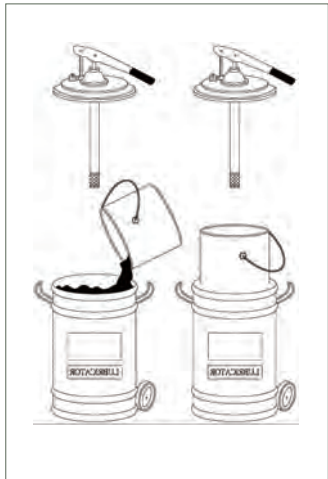
HAND OPERATED OIL PUMPS



▲ ITEM NO. 57103508



➤ ITEM NO. 57103509



▲ How to put inside

OIL USAGE:

- Suitable for lubricant oil, gear oil or general non-corrosive solvent: all can be infused into smoothly.
- If you want to know how much added oil volume is, we suggest you buy flow meter extra.

(ITEM NO. 57103513, ITEM NO. 57103514 and ITEM NO. 57103515, there's got three types for your option.)



▲ SPECIFICATION:

ITEM NO.	CAPACITY	DELIVER RATE	HOSE LENGTH	N.W.	G.W.	CUFT
57103508	30L	65 cc/each cycle	6.5 ft	10.5 kgs	13.5 kgs	5.3'
57103509				11.0 kgs	14.0 kgs	



ACCESSORIES FOR OIL/GREASE



ITEM NO. 57103513 Flow Meter



ITEM NO. 57103514 NTE Digital Flow Meter

- Identify with digital number.
Accurate, clear, and restorable.
Also, accumulation of flow is available.



ITEM NO. 57103515 Digital Flow Meter

- Identify with digital number.
Accurate, clear, and restorable.
Also, accumulation of flow is available.



ITEM NO. 57103516 Oil Gun



ITEM NO. 57103517 Oil Gun with Flow Meter



ITEM NO. 57103518 AE Oil Gun with Digital Meter



ITEM NO. 57103519 NTE Oil Gun with Digital Meter



ITEM NO. 57103520 High Pressure Grease Gun



G5 - GREASE / OIL PUMPS, WASTE OIL RESERVOIRS

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES

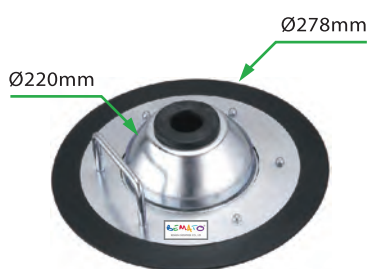
ACCESSORIES FOR OIL/GREASE



▲ ITEM NO. 57103521 Z type swivel

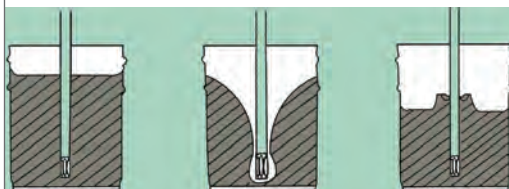


▲ NO. 57103522 Upper Side of High Pressure Grease Gun

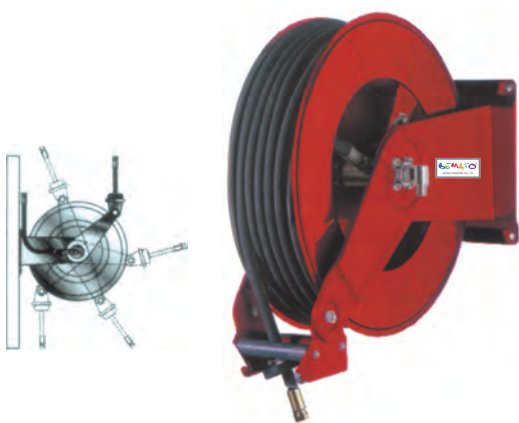


▲ NO. 57103523 Follower Plate (ø278 mm)

▼ Situation for operated with/ without follower plate

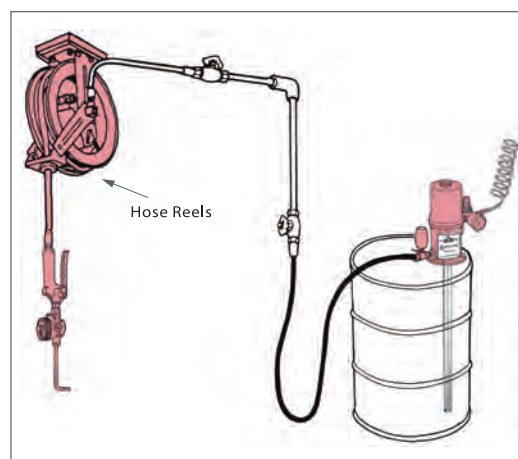


- Operating without follower plate.
- It will be hollow after sucking and also not easy to suck.
- The grease can be sucked evenly and smoothly with follower plate.



▲ NO. 57103524 Hose Reels (Grease)

▲ NO. 57103525 Hose Reels (Oil)



▲ Optional accessory

▲ SPECIFICATION:

ITEM NO.	HOSE LENGTH	N.W.	G.W.	CUFT
57103524	1/4 x 15 m	23.0 kgs	24.0 kgs	2.7'
57103525	1/2 x 15 m	22.0 kgs	23.0 kgs	2.7'



AIR COMPRESSOR VACUUM OIL CHANGERS



▲ ITEM NO. 57103526



▲ Diagram of oil suction



▲ Diagram of oil discharge

FEATURE:

- Equipped with clear oil cup: oil absorption can be obviously seen.
- Oil collecting and discharging: to be run just by one operator. This saves both time and efforts.
- To discharge oil by air pressure; pressure can be saved for oil discharging at wherever workplace it might be.
- With such device of air-intake safety valve, when the pressure is too high, it will release pressure automatically.
- The barrel body is made of high-grade steel plate. It came to become durable and lasting even more after being made manually.
- It can absorb such non-corrosive solvent as engine oil, transmission oil, gear oil, lubrication oil.
- Equipped with filtration net to filter impurities. It protects motor and pump, and can extend the life span of usage.
- With air motor pump as power, oil can be absorbed upon the transmission of pump. This save the process of vacuuming before oil gets absorbing ordinary vacuum-type has.

▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	SUCTION	HOSE LENGTH	N.W.	G.W.	CUFT
57103526	40L	4~9 bar 60~130 psi	760 mmHg	4 ft	35 kgs	37 kgs	6.3'



G “ INDUSTRIAL SUPPLIES



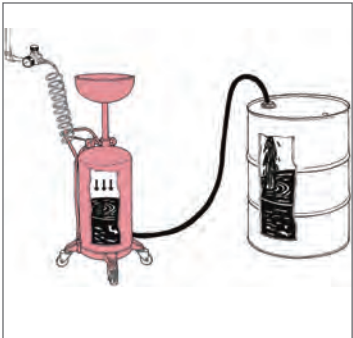
AIR COMPRESSOR VACUUM OIL CHANGERS



▲ ITEM NO. 57103527



▲ Diagram of oil collection



▲ Diagram of oil discharge



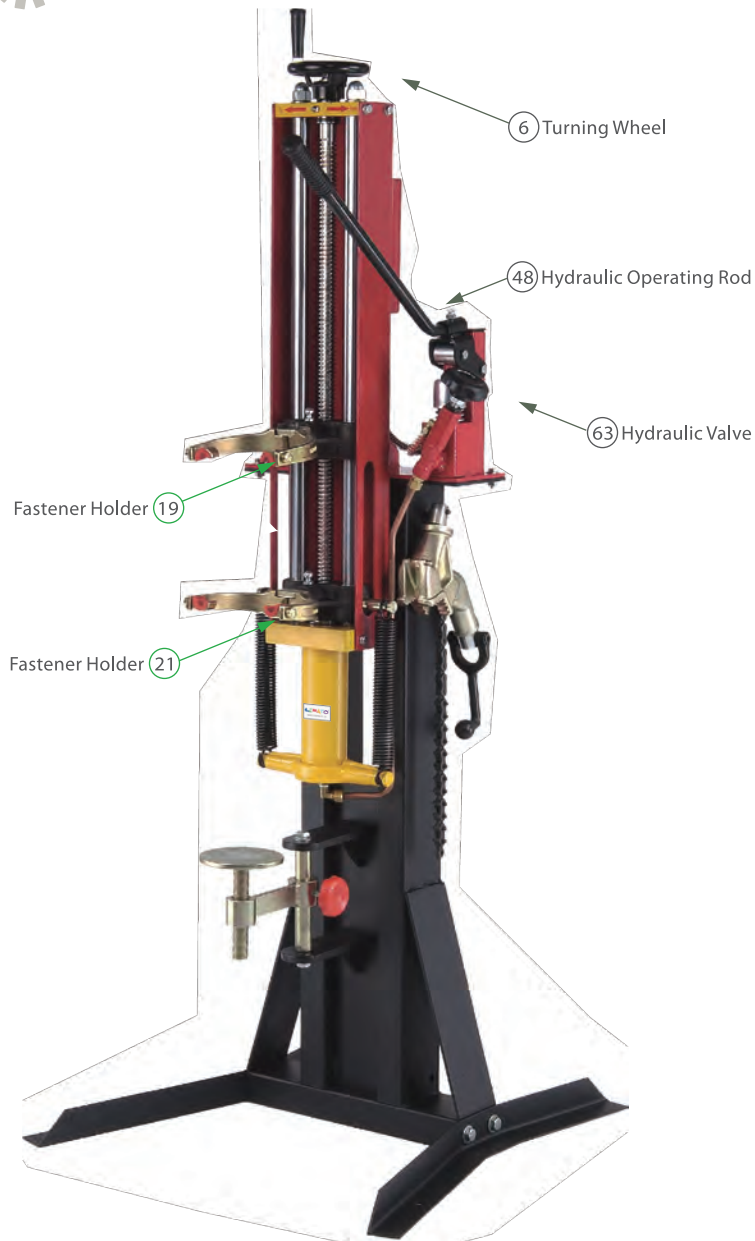
▲ Diagram of oil suction

▲ SPECIFICATION:

ITEM NO.	CAPACITY	AIR INPUT PRESSURE	SUCTION	HOSE LENGTH	N.W.	G.W.	CUFT
57103527	80L	4~9 bar 60~130 psi	760 mmHg	5 ft	58.6 kgs	60.6 kgs	11.7'



DISMANTLE TOOL FOR SHOCK ABSORBERS



A



B



C

Standard Clamp

FEATURE:

- Suitable for various sorts of shock absorbers which can be dismantled from vehicles.
- To be operated manually; no electricity is needed. The operation is quite easy. It is both convenient and safe.
- Equipped with 3 types of string fixation device; various sizes all can be applied herewith. The usage purpose is quite broad and far-flung.
- Fixation hole is attached to the bottom foot rack. It can be fixed securely to the floor of work place or can be attached with flexible wheel for easy movement.
- Professional dismantler of shock absorber: equipped with many sorts of clamping device; can be freely coordinated & matched for better usage. This make your job process safer and quicker.

▲ SPECIFICATION:

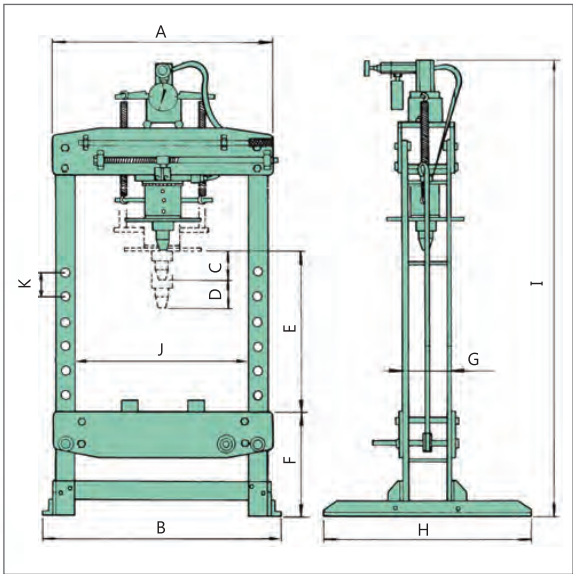
ITEM NO.	PACKING	N.W.	G.W.	CUFT
57103528	Wooden Crate	87.5 kgs	107.0 kgs	13'



G “ INDUSTRIAL SUPPLIES



MANUAL HYDRAULIC PRESS



Dimension

- Capacity: 5 Ton
- Cylinder Bore: 50 mm
- Pressure: 300 kg/cm²

FEATURE:

- To be operated hydraulically and manually; no electricity is needed.
- Machine set is quite small and good-looking. It suits for usage of machinery and mold industries.
- Work table can freely adjust working distance (up-down) as per the size of work piece.
- Suitable to be applied for such functions as bending, deforming, rectifying, modeling or for bearing and gear shaft arbor getting pressed in or enforcing out.

Specification:

ITEM NO.	PACKING	N.W.	G.W.	CUFT
57103530	Wooden Crate	70.0 kgs	85.0 kgs	11.8'

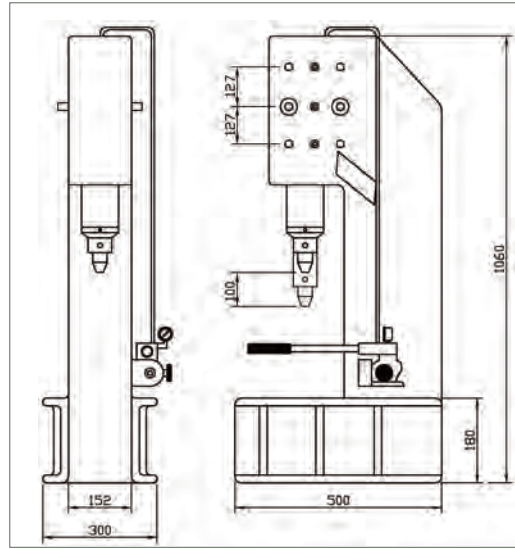
SIZE:

UNIT: mm

A	B	C	D	E	F	G	H	I	J	K
605	700	110	70	500	288	120	600	1310	485	120



MANUAL HYDRAULIC PRESS

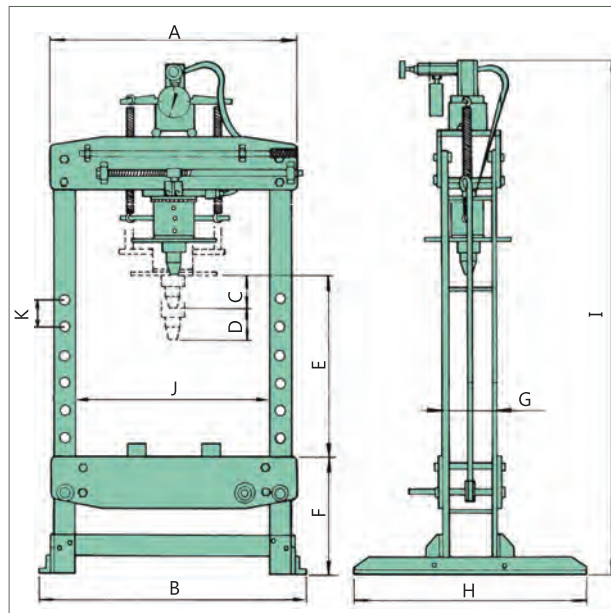


▲ SPECIFICATION:

ITEM NO.	PACKING	N.W.	G.W.	CUFT
57103531	Wooden Crate	120 kgs	145 kgs	11.1'

▲ Dimension

- Capacity: 15 Ton
- Cylinder Bore: 80 mm
- Pressure: 300 kg/cm²



▲ SPECIFICATION:

ITEM NO.	PACKING	N.W.	G.W.	CUFT
57103532	Wooden Crate	196 kgs	226 kgs	25'

- Capacity: 15 Ton
- Cylinder Bore: 80 mm
- Pressure: 300 kg/cm²

▼ SIZE:

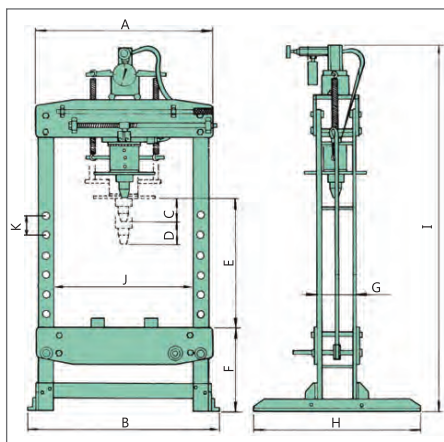
UNIT: mm

A	B	C	D	E	F	G	H	I	J	K
800	860	110	100	595	355	166	750	1640	628	90



G “ INDUSTRIAL SUPPLIES

ECONOMY MANUAL HYDRAULIC PRESS



< Dimension

- Capacity: 20 Ton
- Cylinder Bore: 80 mm
- Pressure: 400 kg/cm²

^ SPECIFICATION:

ITEM NO.	PACKING	N.W.	G.W.	CUFT
57103533	Wooden Crate	155 kgs	185 kgs	27.4'

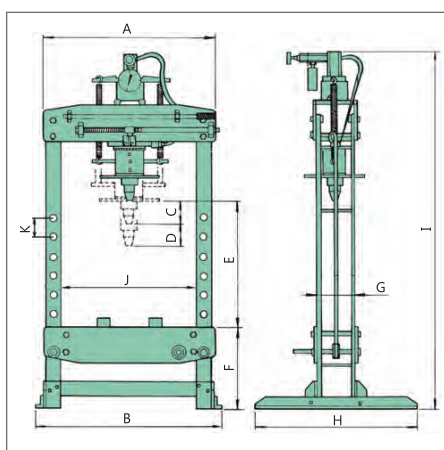
^ SIZE:

UNIT: mm

A	B	C	D	E	F	G	H	I	J	K
800	860	110	-	595	355	166	750	1640	628	90



MANUAL HYDRAULIC PRESS



< Dimension

- Capacity: 35 Ton
- Cylinder Bore: 125 mm
- Pressure: 300 kg/cm²

^ SPECIFICATION:

ITEM NO.	PACKING	N.W.	G.W.	CUFT
57103534	Wooden Crate	320 kgs	380 kgs	37'

^ SIZE:

UNIT: mm

A	B	C	D	E	F	G	H	I	J	K
1000	1080	110	80	530	410	236	850	1730	790	95



AUTOMATIC HYDRAULIC PRESS

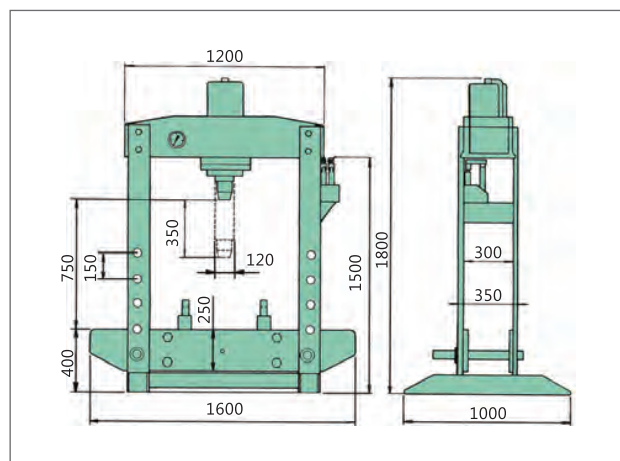


G6 - MANUAL / AUTO HYDRAULIC PRESSES



FEATURE:

- Work table can freely adjust working distance (up-down) as per the size of work piece.
- Suitable to be applied for such functions as bending, deforming, rectifying, modeling or for bearing and gear shaft arbor getting pressed in or enforcing out.
- Suitable for large-sized vehicles, ships, or steel/iron industries, agricultural machinery, miner machinery, etc. Best helper to the production and repair of work piece of big size.
- Electric hydraulic press is equipped with dual-speed high/low pressure: The operation is quick and convenient. Also, pressure safety valve is also equipped. When pressure exceeds what it is supposed to be, it will release pressure automatically. The operation is quite safe, quick and convenient.



▲ SPECIFICATION:

ITEM NO.	PACKING	N.W.	G.W.	CUFT
57103535	Wooden Crate	956 kgs	1076 kgs	174'

▲ Dimension

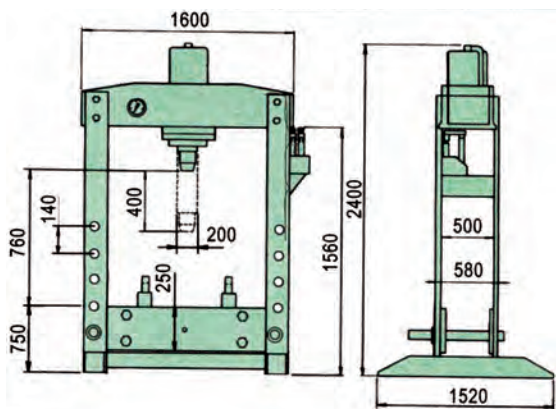
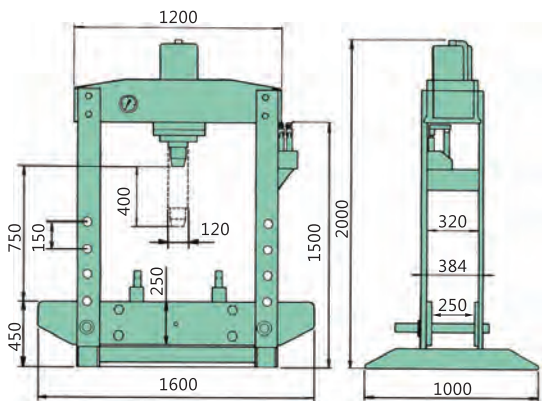
- Capacity: 60 Ton
- Cylinder Bore: 200 mm
- Pressure: 220 kg/cm²

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



AUTOMATIC HYDRAULIC PRESS



^ SPECIFICATION:

ITEM NO.	PACKING	N.W.	G.W.	CUFT
57103536	Wooden Crate	1260 kgs	1330 kgs	200'
57103536-1	Wooden Crate	3200 kgs	3280 kgs	200'

^ Dimension

- Capacity: 100 / 150 Ton
- Cylinder Bore: 250 / 300 mm
- Pressure: 220 kg/cm²



ARBOR PRESS (STANDARD TYPE)

FEATURES:

- The machine is made of high-tensile cast iron, and all its components are under strict quality control with stability, and durability.

OPTION:

- Adjustable stroke depth device.



ITEM NO.	HEIGHT	BASE DIAMETER	STROKE	ARBOR DIAMETER	CENTER TO KNEE	UNIT: mm
						WEIGHT (kgs)
57103537	254 (10")	102 × 241	114	19 × 19 × 190	85	8.5
57103538	305 (12")	127 × 273	133	25 × 25 × 228	95	12
57103539	432 (17")	162 × 432	215	32 × 32 × 335	130	30
57103560	546 (21")	216 × 457	317	38 × 38 × 456	135	50
57103561	860 (34")	250 × 660	460	45 × 45 × 670	245	140



G “ INDUSTRIAL SUPPLIES



ARBOR PRESS (RATCHET TYPE)

FEATURES:

Specifications same as hand arbor press, except a ratchet device fitted and a hand wheel for arbor vertical adjustment. The ratchet arbor presses are available only on ITEM NO. 57103564~66.

OPTION:

- Adjustable stroke depth device.



UNIT: mm

ITEM NO.	HEIGHT	BASE DIAMETER	STROKE	ARBOR DIAMETER	CENTER TO KNEE	WEIGHT (kgs)
57103564	432 (17")	162×432	215	32×32×335	130	30
57103565	546 (21")	216×457	317	38×38×456	135	50
57103566	860 (34")	250×660	460	45×45×670	245	140



INDUSTRIAL WET / DRY VACUUM CLEANERS



▲ ITEM NO. 57103567



▲ ITEM NO. 57103568



▲ ITEM NO. 57103569

ITEM NO.	CONSUMPTION POWER	WATTS	VACUUM	AIR FLOW	CAPACITY	NOISY	VOLTAGE	WEIGHT
57103567	1200W	2.5HP	2500 mmVS	2.5m ³ /min	10 gallons	70DBA	110/220V 60Hz	24 kgs
57103568	2700W	5HP	2500 mmVS	5m ³ /min	15 gallons	70DBA	110/220V 60Hz	32 kgs
57103569	2700W	5HP	2500 mmVS	5m ³ /min	30 gallons	70DBA	110/220V 60Hz	44 kgs



AIR POWER PARTS WASHER W/ TURBO / BLOWER GUN

- Bucket capacity: 20 Gallons
- Solvent capacity: 12 Gallons
- Flow rate: 75 Gallons
- Maximum speed: 11000 RPM
- Range of working pressure: 65-125 PSI
- Air inlet port: 1/4"
- Packing: 1set/28 kgs/30 kgs/5.5'
- Size: 31 7/8" Lx20-7/8"Wx35-3/8"H

➤ ITEM NO. 57103570



AIR POWER PARTS WASHER W/ TURBO / BLOWER GUN

- Bucket capacity: 40 Gallons
- Solvent capacity: 30 Gallons
- Flow rate: 75 Gallons
- Maximum speed: 11000 RPM
- Range of working pressure: 65-125 PSI
- Air inlet port: 1/4"
- Packing: 1set/42 kgs/45 kgs/8'
- Size: 45" Lx21-1/4"Wx35-3/8"H

➤ ITEM NO. 57103571



G7 - DUST COLLECTORS & CYCLONE

INDUSTRIAL SUPPLIES

G " INDUSTRIAL SUPPLIES

PORTABLE DUST COLLECTORS

FEATURES:

- Industrial quality motor and specially designed blower impeller for maximum performance.
- Each caster allows for total mobility.
- Dust collector bags always come with an elastic band for 30 micron filter bag for easy installation.
- Metal strap bag clamp will tie up the collection bag completely.
- Extensive line of accessories to control the toughest dust collecting jobs.
- Solid and rigid housing design for the blower system.



ITEM NO.	57103572	
Motor	1 HP/60 Hz	0.75 KW/50Hz
Air suction w/o bag	750 CFM	1000 m ³ /h
Max. static pressure	5.6 InH ₂ O	142 mmAg
Inlet diameter	4" x 1	102 mm x 1
Bag capacity	15 gallon	60 liter
Hose length (optional)	N/A	N/A
Dust hood size	N/A	
Overall size (L x W x H)	1100 x 400 x 500 mm	
Packing size (L x W x H)	472 x 402 x 464 mm	
N.w./g.w./cuft	20 kgs/22 kgs/3.2'	
20 ft container (sets)	328 sets	



NEW STYLE DUST COLLECTOR

FEATURES:

- 30 micron filter bag is supplied as standard accessory.
- 1-micron filter bag and aluminum impeller optional accessory.
- The plastic bag can use for bottom collecting bag in order to replacing clothes bag.



ITEM NO. 57103574

- The canister filter is equipped with 57103575 and 57103576, also with easy handle to rotate and clean the upper filter.



ITEM NO. 57103574-1

✓ PATENTED



> SPECIFICATION: ITEM NO. 57103575

ITEM NO.	57103575	
Motor	1 HP/60 Hz	0.75 KW/50 Hz
Air suction w/o bag	700 CFM	930m ³ /h
Max. static pressure	6.8 InH ₂ O	173 mmAg
Inlet diameter	4" x 1	102 mm x 1
Bag capacity	13 gallon	50 liter
Sound rating @3M	70 dB	
Overall size (L x W x H)	730 x 550 x 1205 mm	
Packing size (L x W x H)	Machine: 745 x 435 x 450 mm Canister: 435 x 435 x 445 mm	
N.w./g.w./cuft	Machine: 30 kgs/33 kgs/5.2' Canister: 5 kgs/6.5 kgs/ 3'	
20 ft container (sets)	130 sets	



NEW STYLE DUST COLLECTOR

W/O FLOOR SUCTION
> SPECIFICATION: ITEM NO. 57103576

ITEM NO.	57103576	
Motor	1 HP/60 Hz	0.75 KW/50Hz
Air suction w/o bag	700 CFM	930 m ³ /h
Max. static pressure	6.8 InH ₂ O	173 mmAg
Inlet diameter	4" x 1	102 mm x 1
Bag capacity	13 gallon	50 liter
Sound rating @3M	70 dB	
Overall size (L x W x H)	730 x 550 x 1440 mm	
Packing size (L x W x H)	745 x 435 x 450 mm	
N.w./g.w./cuft	26 kgs/ 30 kgs/ 5.2'	
20 ft container (sets)	220 sets	



< PATENTED



DUST COLLECTORS

FEATURES:

- 30 micron filter bag is supplied as standard accessory.
- 1-micron filter bag and aluminum impeller optional accessory.
- The plastic bag can use for bottom collecting bag in order to replace clothes bag.



< SPECIFICATION: ITEM NO. 57103577

ITEM NO.	57103577	
Motor	3 HP/220V/60Hz	2.25 KW/50 Hz
Air suction capacity	2300 CFM	3060 m ³ /h
Max. static pressure	14.5 InH ₂ O	368 mmAg
Sound rating (noise) @3M	88 dB	
Inlet size	8" x 4" x 3	200 x 102 mm x 3
Bag size	19-5/8"	500 mm
Bag capacity	83 gallon	330 liter
Overall size (L x W x H)	1550 x 550 x 1900 mm	
Packing size (L x W x H)	1320 x 580 x 580 mm	
N.w./g.w./cuft	68 kgs/ 75 kgs/ 15.5'	
20 ft container (sets)	69 sets	

Also Available



▲ ITEM NO. 57103578

- Canister filter for 1-1/2~3HP dust collector



▲ ITEM NO. 57103578-1

- HEPA canister filter for 1-1/2~3HP dust collector



G7 - DUST COLLECTORS & CYCLONE

INDUSTRIAL SUPPLIES

G " INDUSTRIAL SUPPLIES

NEW STYLE DUST COLLECTOR

FEATURES:

- Industrial quality motor and specially designed blower impeller for maximum performance.
- Dust collector comes with 1 micron canister filter with easy cleaning system to keep the high performance.
- Metal strap bag clamp will tie up the collection bag completely.
- Extensive line of accessories to control the toughest dust collecting jobs.
- Solid and rigid housing design for the blower system.
- Economic 5HP model with large bottom collecting bag and easy for movement.



◀ ITEM NO. 57103580-1
• 5 Micro bag also available



▲ SPECIFICATION: ITEM NO. 57103580

ITEM NO.	57103580	
Motor	5 HP / 60 Hz	3.75KW / 50 Hz
Impeller size	14.5"	368 mm
Air suction w/o bag	4000 CFM	5260 m ³ /h
Max. static pressure	15.8 InH ₂ O	400 mmAq
Inlet diameter	9" x 4" x 4	228 x 102 mm x 4
Canister size	500 (D) x 600 mm	
Noise rate (@3M)	90 dB	
Overall size (L x W x H)	1950 x 750 x 1900 mm	
Packing size (L x W x H)	Machine: 1100 x 580 x 750 mm	
	Canister: 540 x 540 x 715 mm x 3 pieces	
N.w./g.w./cuft	Machine: 83 kgs / 93 kgs / 17'	
	Canister: 9 kgs / 13 kgs / 7.4' x 3 pieces	



DUST COLLECTORS

FEATURES:

- 30 micron filter bag is supplied as standard accessory.
- 1-micron filter bag for optional accessory.
- The plastic bag can use for bottom collecting bag in order to replace clothes bag.



PATENTED



◀ SPECIFICATION: ITEM NO. 57103581

ITEM NO.	57103581
Motor	10 HP / 7.5 KW
Air suction w/o bag	5500 CFM/7300 m ³ /h
Max. static pressure	17.6 InH ₂ O/447 mmAg
Inlet diameter	9" x 4" x 5/299 x 102 mm x 5
Filter diameter	600 mm / 23-5/8"
Bag height	1800 mm / 70-3/4"
sound rating (noise) @3M	98 db
Overall size (L x W x H)	1700 x 1700 x 2530 mm
Packing size (L x W x H)	1340 x 1150 775 mm
N.w./g.w./cuft	187 kgs / 230 kgs / 42'

◀ PE bag hook(Quick Device)

- It only needs one person to assembly the collecting bag easily.
- Suitable for all models with the plastic collecting bag.

Also Available



▲ ITEM NO. 57103582
Canister filter for 4~10 HP dust collector



▲ ITEM NO. 57103582-1
• HEPA canister filter for 4~10 HP dust collector



3HP & 5HP TWO STAGE DUST CYCLONE (WITH AUTO CANISTER CLEANING SYSTEM)



PATENTED

< AUTO CLEANING CANISTER

- This canister is equipped with 1 micron filter and it goes 30 second forward and 30 second reverse direction for auto cleaning when machinery turn off.

FEATURES:

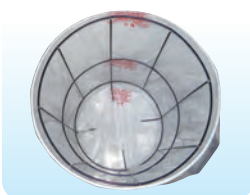
- A cyclone separates the bulky wood waste from the air stream as it enters the dust collection system.
- It is much safer which the cyclone removes potentially destructive objects before they can enter the impeller.
- A cyclone is more efficient because it consolidates 96%~97% saw dust into an easy to empty container and the airflow won't be restricted by filter clogging.
- Always attached the 1 micron filter canister with 99.9% efficiency for upper canister and clear plastic bag for the bottom bag.
- The quick and smart handle for pulling out collecting drum easily with only one person operating.

✳ ALSO AVAILABLE

ITEM NO. 57104817

- With auto cleaning canister
500 × 600 mm × 2 pcs

PATENTED



▲ INSIDE FRAME (PE BAG HOLDER)

- Make dust disposal quick and easy.
- Heavy-duty bags simply lift out of the drum; therefore there is no mess dumping.
- Model: ITEM NO. 57103874 (For 3~10 HP USE)



▲ Optional ITEM NO. 57103585: Remote control

PATENTED



▲ QUICK LIFT LEVER

- Quick and smart device for pulling out the steel drum which one person can be done easily.

▲ SPECIFICATION:

ITEM NO.	57103583		57103584	
Motor	3 HP / 60 Hz	2.25 KW / 50 Hz	5 HP / 60 Hz	3.75 KW / 50 Hz
Air suction capacity w/o bag	2100 CFM	2793 m ³ /h	3600 CFM	4790 m ³ /h
Max. static pressure	13 InH2O	330 mmAq	16 InH2O	406 mmAq
Inlet diameter	8" x 4" x 3		10" x 4" x 4	
Bag diameter	19-5/8"		23-5/8"	
Canister size	370 x 1000 mm		500 x 1000 mm	
Durm size	60 gallons		60 gallons	
sound rating (noise) @3M	80dB		85dB	
Overall size (L x W x H)	1700 x 1150 x 2300 mm		1800 x 1300 x 3000 mm	
Packing size (L x W x H)	Machine: 800 x 850 x 1300 mm		Machine: 800 x 900 x 1500 mm	
	Canister: 1400 x 720 x 450 mm		Canister: 1400 x 720 x 750 mm	
N.w./g.w./cuft	93 kgs / 120 kgs / 31'		159 kgs / 190 kgs / 40'	
	30 kgs / 40 kgs / 14'		35 kgs / 45 kgs / 26'	



G “ INDUSTRIAL SUPPLIES

INDUSTRIAL NEW STYLE 7- 1/2HP & 10HP DUST COLLECTOR GREAT FOR CNC ROUTER AND PANEL SAW USE

FEATURES:

- Industrial quality motor and specially designed blower impeller for maximum performance.
- Dust collector comes with 1 micron canister filter auto cleaning system to keep the high performance.
- Metal strap bag clamp will tie up the collection bag completely.
- Extensive line of accessories to control the toughest dust collecting jobs.
- Solid and rigid housing design for the blower system.



▲ Optional
ITEM NO. 57103588:
Remote control



▲ ITEM NO. 57103586 &
ITEM NO. 57103587
• 5 Micro bag also available

▲ Patent Pending

▲ AUTO CLEANING CANISTER

This canister is equipped with 1 micron filter and it goes 30 second forward and 30 second reverse direction for auto cleaning when machinery turn off.

▲ SPECIFICATION:

ITEM NO.	57103586		57103587	
Motor	7-1/2 HP	5.6 KW	10 HP	7.5 KW
	60 Hz / 3 PH	50 Hz / 3 PH	60 Hz / 3 PH	50 Hz / 3 PH
Air suction capacity w/o bag	5200 CFM	6900 m ³ /h	6500 CFM	8650 m ³ /h
Max. static pressure	14 InH ₂ O	354 mmAq	15.2 InH ₂ O	386 mmAq
Inlet diameter	12"	305 mm	12"	305 mm
Bag diameter	85 gallons	350 liter	85 gallons	350 liter
Sound rating (noise) @3M	100 db		100 db	
Overall size (L x W x H)	2810 x 1132 x 1680 mm		3512 x 1136 x 1680 mm	
Packing size (L x W x H)	Machine: 1505 x 1160 x 1120mm Canister: 710 x 710 x 1330 mm x 4 pieces		Machine: 2065 x 775 x 975mm Canister: 710 x 710 x 1330 mm x 4 pieces	
N.w./g.w./cuft	Machine: 229 kgs / 279 kgs / 69' Canister: 35 kgs / 38 kgs / 23' x 4 pieces		Machine: 260 kgs / 300 kgs / 55' Canister: 35 kgs / 38 kgs / 23' x 4 pieces	



CANISTER FILTER FOR 1HP~10HP (OPTIONAL ACCESSORY)

FEATURES:

- Canister filters are the latest and arguably the best innovation to come along in dust collection technology in quite some time.
- Featuring extra sturdy support frames, polycarbonate re-enforced pleated inner filter and an extra heavy gauge screen mesh for added support.
- Maintains maximum airflow longer for more efficient filtration.
- It is pleated more surface area than a filter bag. This helps maintain maximum airflow substantially longer than a partially clogged filter bag.
- An external handle rubs a shaker paddle around the inside of the pleats to shake free any built-up dust inside the filter.
- Collection efficiency: under velocity: 3.0 m / min (9.85 ft / min) .

GRANULAR THICKNESS	EFFICIENCY (%)
0.3~0.5 μ m	48 %
0.5~1.0 μ m	52 %
1.0~2.0 μ m	86 %
2.0~5.0 μ m	99 %
Over 5.0 μ m	100 %



ITEM NO.	57103574	57103574-1	57103578	57103582
Diameter	370	370	500	600
Height	300	600	600	1000
Suit for dust collector	1HP Dust Collector	1HP Dust Collector	1-1/2HP~3HP Dust Collector	4HP~10HP Dust Collector
Net weight	53.5 kgs	7 kgs	9 kgs	16 kgs
Gross weight	6.5 kgs	9 kgs	13 kgs	21 kgs
Packing size (L x W x H)	435 x 435 x 445	415 x 415 x 730	540 x 540 x 715	654 x 654 x 1117
Cuft	3'	4.4'	7.4'	16.9'

UNIT: mm



HEPA CANISTER FILTER FOR 1HP~10HP (OPTIONAL ACCESSORY)



GRANULAR THICKNESS	EFFICIENCY (%)
0.3~0.5 μ m	99.66 %
0.5~1.0 μ m	99.95 %
1.0~2.0 μ m	100 %
2.0~5.0 μ m	100 %
Over 5.0 μ m	100 %

ITEM NO.	57103574-2	57103574-3	57103578-1	57103582-1
Diameter	370	370	500	600
Height	300	600	600	1000
Suit for dust collector	1HP Dust Collector	1HP Dust Collector	1-1/2HP~3HP Dust Collector	4HP~10HP Dust Collector
Net weight	3.5 kgs	5 kgs	6.8 kgs	13 kgs
Gross weight	5 kgs	7 kgs	10.8 kgs	18 kgs
Packing size (L x W x H)	435 x 435 x 445	415 x 415 x 730	540 x 540 x 715	654 x 654 x 1117
Cuft	3'	4.4'	7.4'	16.9'

UNIT: mm



G7 - DUST COLLECTORS & CYCLONE

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES

25HP INDUSTRIAL DUST CYCLONE



ITEM NO.	57103589-1
Motor	25HP
Air suction	8900 CFM
Static pressure @ 12" inlet	3.70 InH2O
Amp	32.4 A
Inlet diameter	15.5"
Overall size (L x W x H)	3415 x 700 x 3900 mm
Packing size (L x W x H)	181" x 47" x 120"
N.w. / g.w / cuft	702 kgs / 750 kgs /203 CUFT
20 ft container	4 sets



FLEX 1-1 PVC FLEXIBLE HOSES



Applications:

- For powdery solids such as dust, powder and fibers.
- For gaseous media such as vapors and smoke.
- For air conditioning and ventilation technology.

Construction:

- Spring steel wire integrated in wall.
- Wall: high grade soft PVC.
- Spiral: spring steel wire.

Material:

- Wall: high grade soft PVC.

- Spiral: spring steel wire

Properties:

- Optimized flow properties
- Good resistance to alkalis and acids.
- Good resistance to chemicals
- Kink-proof
- Capable of electro-static discharge
- Super-light
- Compressible 3:1
- Flame-retardant according to UL94-HB

Temperature Range:

- -10°C approx. To +70°C approx.
- Short time to +80°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103590	38	46	0.500	0.180	46	0.26	15
57103591	50	58	0.400	0.150	58	0.30	15
57103592	63	72	0.300	0.100	72	0.33	15
57103593	76	85	0.270	0.080	85	0.40	15
57103594	90	99	0.230	0.060	99	0.48	15
57103595	100	109	0.200	0.050	109	0.57	15
57103596	120	129	0.170	0.040	129	0.73	15
57103597	125	134	0.160	0.030	134	0.77	15
57103598	140	149	0.150	0.030	149	0.84	15
57103599	150	159	0.140	0.030	159	0.90	15
57103600	160	169	0.130	0.030	169	0.97	15
57103601	203	213	0.100	0.025	213	1.30	15
57103602	230	239	0.090	0.020	239	1.60	15
57103603	254	263	0.080	0.010	263	2.00	15

- Delivery variants: grey (standard), customer-specific product marking, further diameters and lengths available on request.



FLEX 1-2 PU FLEXIBLE HOSES



Applications:

- For abrasive solids such as dust, powder, fibers and chips
- For gaseous media such as oil vapors and welding smoke
- For de-dusting and suction plants

Construction:

- Spring steel wire integrated in wall
- Wall thickness 0.4 mm approx.

Material:

- Wall: ester-polyurethane
- Spiral: spring steel wire

Properties:

- Optimized flow properties
- Microbe and hydrolysis resistant
- Good resistance to chemicals
- Good resistance to UV and ozone
- Very good low temperature flexibility
- Small bending radius
- Kink-proof
- Gas and liquid tight
- Abrasion-proof
- Capable of electro-static discharge
- Compressible 3:1

Temperature Range:

- -40°C approx. To +90°C approx.
- Short time to +125°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103604	25	32	1.300	0.340	32	0.14	15
57103605	32	39	1.100	0.320	39	0.17	15
57103606	38	46	0.900	0.300	46	0.19	15
57103607	50	58	0.700	0.240	58	0.27	15
57103608	63	71	0.550	0.180	71	0.34	15
57103609	76	84	0.470	0.130	84	0.44	15
57103610	80	88	0.430	0.120	88	0.47	15
57103611	90	98	0.390	0.100	98	0.49	15
57103612	100	108	0.350	0.080	108	0.52	15
57103613	114	122	0.300	0.070	122	0.59	15
57103614	120	128	0.290	0.070	128	0.62	15
57103615	125	133	0.280	0.060	133	0.64	15
57103616	140	148	0.250	0.050	148	0.72	15
57103617	150	158	0.170	0.050	158	0.76	15
57103618	160	168	0.160	0.040	168	0.81	15
57103619	178	186	0.140	0.040	186	0.89	15
57103620	203	211	0.130	0.030	211	1.10	15
57103621	254	262	0.100	0.015	262	1.30	10
57103622	305	313	0.090	0.010	313	1.70	10

- Delivery variants: transparent (standard), customer-specific product marking, further diameters and lengths available on request.



FLEX 1-3 PU FLEXIBLE HOSES



Applications:

- For abrasive solids such as dust, powder, fibers and chips
- For gaseous media such as oil vapors and welding smoke
- For de-dusting and suction plants

Construction:

- Spring steel wire integrated in wall
- Wall thickness 0.6 mm approx.

Material:

- Wall: ester-polyurethane
- Spiral: spring steel wire

Properties:

- Optimized flow properties
- Microbe and hydrolysis resistant
- Good resistance to chemicals
- Good resistance to UV and ozone
- Very good low temperature flexibility
- Small bending radius
- Knik-proof
- Gas and liquid tight
- Abrasion-proof
- Capable of electro-static discharge
- Compressible 3:1

Temperature Range:

- -40°C approx. To +90°C approx.
- Short time to +125°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103623	25	32	1.300	0.340	32	0.17	15
57103624	32	39	1.100	0.320	39	0.20	15
57103625	38	46	0.900	0.300	46	0.23	15
57103626	50	58	0.700	0.240	58	0.32	15
57103627	63	71	0.550	0.180	71	0.40	15
57103628	76	84	0.470	0.130	84	0.53	15
57103629	80	88	0.430	0.120	88	0.56	15
57103630	90	98	0.390	0.100	98	0.59	15
57103631	100	108	0.350	0.080	108	0.62	15
57103632	114	122	0.300	0.070	122	0.70	15
57103633	120	128	0.290	0.070	128	0.74	15
57103634	125	133	0.280	0.060	133	0.77	15
57103635	140	148	0.250	0.050	148	0.86	15
57103636	150	158	0.170	0.050	158	0.91	15
57103637	160	168	0.160	0.040	168	0.97	15
57103638	178	186	0.140	0.040	186	1.07	15
57103639	203	211	0.130	0.030	211	1.32	15
57103640	254	262	0.100	0.015	262	1.56	10
57103641	305	313	0.090	0.010	313	2.04	10

- Delivery variants: transparent (standard), customer-specific product marking, further diameters and lengths available on request.



G “ INDUSTRIAL SUPPLIES



FLEX 1-4 AIR CONDITIONING HOSES



Applications:

- For welding gas extraction
- For air conditioning and ventilation technology

Construction:

- Spring steel wire integrated in wall
- Fabric-reinforced tape
- Wall thickness 0.35 mm approx.

Material:

- Wall: PVC coated fabric
- Spiral: spring steel wire

Properties:

- Super-light model
- Highly flexible and compressible 6:1
- Fabric reinforced
- Good resistance to alkalis and acids
- Good resistance to chemicals
- Good resistance to UV and ozone
- Flame-retardant
- Capable of electro-static discharge by grounding the spiral
- Flame-retardant according to UL94-HB

Temperature Range:

- -10°C approx. To +80°C approx.
- Short time to +100°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103642	50	59	0.240	0.150	59	0.18	10
57103643	63	72	0.200	0.120	72	0.20	10
57103644	76	85	0.160	0.080	85	0.23	10
57103645	80	89	0.150	0.070	89	0.25	10
57103646	90	99	0.140	0.060	99	0.29	10
57103647	100	109	0.120	0.050	109	0.32	10
57103648	114	123	0.110	0.045	123	0.38	10
57103649	125	134	0.100	0.035	134	0.42	10
57103650	140	149	0.090	0.033	149	0.45	10
57103651	150	159	0.080	0.032	159	0.55	10
57103652	160	169	0.075	0.025	169	0.65	10
57103653	180	189	0.070	0.020	189	0.75	10
57103654	203	212	0.060	0.020	212	0.86	10
57103655	254	263	0.050	0.010	263	1.20	10
57103656	305	314	0.040	0.006	314	1.30	10
57103657	355	364	0.035	0.006	364	1.70	10
57103658	406	415	0.030	0.006	415	0.27	10

- Delivery variants: grey (standard), customer-specific product marking, further diameters and lengths available on request.



VENT 1-5 AIR HOSES (P.P.)



Applications:

- Vent air ducts requiring flexible and freely bending hose length

Construction:

- Spring steel wire integrated in wall
- Heavily corrugated and capable of axial compression into fixed position

Material:

- Wall: PP
- Spiral: spring steel wire

Properties:

- Super-light model
- Good resistance to alkalis and acids
- Good resistance to chemicals
- Good resistance to UV and ozone

Temperature Range:

- -20°C approx. To +80°C approx.

Standard color:

- Ivory

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103659	26	32	0.700	0.250	35	0.10	5
57103660	32	38	0.650	0.220	42	0.13	5
57103661	38	46	0.580	0.190	50	0.15	5
57103662	50	58	0.430	0.160	64	0.19	5
57103663	63	73	0.350	0.120	80	0.24	5
57103664	76	85	0.300	0.100	93	0.30	5
57103665	90	100	0.250	0.070	110	0.36	5
57103666	100	110	0.230	0.060	120	0.40	5
57103667	125	135	0.180	0.040	148	0.52	5
57103668	150	160	0.160	0.036	176	0.80	5
57103669	200	210	0.120	0.028	230	1.10	5
57103670	250	260	0.090	0.011	286	1.56	5

- Delivery variants: ivory and black (standard), customer-specific product marking, further diameters and lengths available on request.



PLAST 2-1 PU HOSES



Applications:

- For abrasive solids such as dust, powder, fibers, chips and granulates
- For gaseous and liquid media
- For de-dusting and suction plants, industrial vacuum cleaner, suction of paper and textile fibers
- As resistant protection hose.

Construction:

- Hard plastic spiral integrated in wall
- Wall interior smooth

Material:

- Wall: ester-polyurethane

- Spiral: hard PVC

Properties:

- Light model
- Abrasion-proof
- Smooth interior
- Flexible
- Good resistance to chemicals
- Good resistance to UV and ozone
- Small bending radius
- Gas and liquid tight

Temperature Range:

- -20°C approx. To +70°C approx.
- Short time to +80°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103671	25	31	1.000	0.250	31	0.14	20
57103672	32	38	0.850	0.200	38	0.17	20
57103673	38	45	0.750	0.200	50	0.22	20
57103674	40	47	0.750	0.200	60	0.23	20
57103675	45	52	0.650	0.200	65	0.28	20
57103676	50	58	0.500	0.200	70	0.31	20
57103677	60	68	0.500	0.160	80	0.47	20
57103678	63	71	0.450	0.160	80	0.50	20
57103679	76	85	0.400	0.160	100	0.60	20
57103680	80	89	0.350	0.160	110	0.65	20
57103681	90	100	0.300	0.140	125	0.73	20
57103682	100	110	0.280	0.140	150	0.82	20
57103683	125	136	0.250	0.110	170	1.20	20
57103684	150	162	0.180	0.090	200	1.65	20

- Delivery variants: transparent (standard), customer-specific product marking, further diameters and lengths available on request.



PLAST 2-2 PVC HOSES WITH COPPER WIRES



Applications:

- For high flow-rates of abrasive solids such as powder, chips and granulates
- For gaseous and liquid media
- For industrial vacuum cleaners, granulate conveying systems, printing machines, blowers and compressors
- As robust protection hose

Construction:

- Wall: interior polyurethane layer, exterior soft PVC
- Spiral: hand to hard

Material:

- Wall: interior polyurethane layer exterior soft PVC

- Spiral: hard PVC

Properties:

- Heavy model
- Smooth interior
- Increases pressure and vacuum resistance
- High axial strength
- Good resistance to chemicals
- Good resistance to UV and ozone
- Gas and liquid tight
- Grounding wire

Temperature Range:

- -10°C approx. To +70°C approx.
- Short time to +80°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103685	32	40	5.000	0.700	170	0.53	30
57103686	38	46	5.000	0.700	182	0.59	30
57103687	40	48	5.000	0.700	195	0.62	30
57103688	50	59	5.000	0.700	235	0.88	30
57103689	60	69	5.000	0.700	275	1.13	30
57103690	63	72	5.000	0.700	290	1.46	30
57103691	76	85	4.000	0.700	340	1.94	30
57103692	90	99	4.000	0.700	420	2.30	30
57103693	100	110	5.000	0.700	470	1.06	30

- Delivery variants: transparent (standard), customer-specific product marking, further diameters and lengths available on request.



G “ INDUSTRIAL SUPPLIES



PLAST 2-3 PU HOSES WITH COPPER WIRES



Applications:

- For high flow-rates of abrasive solids such as powder, chips and granulates
- For gaseous and liquid media
- For industrial vacuum cleaners, granulate conveying systems, printing machines, blowers and compressors
- As robust protection hose

Construction:

- Wall: interior ester-polyurethane layer
- Spiral: copper grounding wire

Material:

- Wall: ether-polyurethane
- Spiral: hard PVC
- Wall thickness: 1.5mm

Properties:

- Heavy model
- Abrasion-proof indise layer
- Smooth interior
- Increases pressure and vacuum resistance
- High axial strength
- Good resistance to chemicals
- Good resistance to UV and ozone
- Gas and liquid tight
- Grounding wire

Temperature Range:

- -20°C approx. To +70°C approx.
- Short time to +80°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103694	32	40	5.000	0.700	170	0.53	30
57103695	38	46	5.000	0.700	182	0.59	30
57103696	40	48	5.000	0.700	195	0.62	30
57103697	50	59	5.000	0.700	235	0.88	30
57103698	60	69	5.000	0.700	275	1.13	30
57103699	63	72	5.000	0.700	290	1.46	30
57103700	76	85	4.000	0.700	340	1.94	30
57103701	90	99	4.000	0.700	420	2.30	30
57103702	100	110	5.000	0.700	470	1.06	30

- Delivery variants: transparent (standard), customer-specific product marking, further diameters and lengths available on request.



DUCT 2-4 PVC HOSES



Applications:

- For solids such as powder, chips and granulates
- For gaseous and liquid media
- For pressure and vacuum pumps
- For industry, agriculture and construction engineering
- For reducing the ground water level

Construction:

- Spring steel wire spiral embedded in wall
- Wall interior and exterior smooth
- Wall: soft PVC
- Spiral: spring steel wire

Material:

- Wall: soft PVC
- Spiral: spring steel wire

Properties:

- Very high pressure, vacuum and compression resistance
- High axial strength
- Good resistance to alkalis and acids
- Good resistance to chemicals
- Good resistance to UV and ozone
- Gas and liquid tight
- Pressure resistant
- Vacuum-proof
- Smooth interior
- Flame-retardant according to UL94-HB

Temperature Range:

- -20°C approx. To +70°C approx.
- Short time to +80°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103703	9	15	7.000	0.850	17	0.15	100
57103704	12	18	6.000	0.850	23	0.18	100
57103705	15	23	6.000	0.850	30	0.25	100
57103706	19	25	5.000	0.850	32	0.32	100
57103707	25	32	5.000	0.850	42	0.50	50
57103708	32	41	4.000	0.850	64	0.65	50
57103709	38	47	4.000	0.850	76	0.80	40
57103710	45	55	4.000	0.800	89	1.10	40
57103711	50	60	4.000	0.800	100	1.24	40
57103712	63	75	3.600	0.800	170	1.80	40
57103713	76	90	3.600	0.700	200	2.20	20
57103714	90	104	3.000	0.700	250	3.00	20
57103715	102	116	2.000	0.700	290	3.50	20

- Delivery variants: transparent (standard), customer-specific product marking, further diameters and lengths available on request.



DUST 3-1 PVC HOSES



Applications:

- Indoor ventilation, air conditioning
- Suction of metal sludge from metal processing machines
- Air suction in buildings, factories mines etc.
- Protection for textile machine tubing
- Transportation of powder, gas, liquid and granules
- Dust suction for furniture and wood processing
- Vacuum cleaner hose

Construction:

- Self-supporting profile construction

- Open profile geometry

Material:

- Wall: soft PVC
- Spiral: hard PVC

Properties:

- Outer surface is corrugated, inner surface is smooth.
- Light weight, easy to handle.
- Good chemical resistance
- Flame-retardant according to UL94-HB

Temperature Range:

- -10°C approx. To +70°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103716	32	39	0.600	0.200	32	0.27	30
57103717	38	45	0.600	0.200	38	0.30	30
57103718	50	58	0.500	0.200	50	0.43	30
57103719	63	71	0.400	0.160	63	0.54	30
57103720	76	84	0.400	0.160	76	0.58	30
57103721	102	111	0.300	0.140	102	0.88	30
57103722	125	135	0.200	0.110	125	0.98	30
57103723	150	160	0.200	0.090	150	1.30	30

- Delivery variants: grey (standard), customer-specific product marking, further diameters and lengths available on request.



DUST 3-2 EVA HOSES



Applications:

- For domestic and industrial vacuum cleaners
- For cleaning of swimming pools

Construction:

- Self-supporting profile construction
- Open profile geometry
- Wall: EVA

Material:

- Wall: EVA

Properties:

- Light model
- Highly flexible
- Good resistance to alkalis and acids
- Good resistance to UV and ozone
- Gas and liquid tight
- Crush-proof
- Floatable
- Minimum weight

Temperature Range:

- -45°C approx. To +65°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103724	25	32.20	0.500	66	0.15	20
57103725	32	40.40	0.500	82	0.24	20
57103726	38	47.20	0.500	93	0.31	20
57103727	45	55.00	0.500	111	0.37	20
57103728	50	60.40	0.500	121	0.44	20

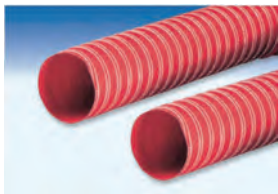
- Delivery variants: black (standard), customer-specific product marking, further diameters and lengths available on request.



G “ INDUSTRIAL SUPPLIES



SIL 4-1 SILICONE 2 PLY HOSES



Applications:

- As conductor of hot and cold air
- For granulate dryers in the plastics industry
- For printing machines, blowers and compressors
- For exhaust gas technology, engine construction, engine warming, aircraft construction and military construction

Construction:

- Spring steel wire integrated in wall
- Fabric-reinforced tape
- Cord as reinforcement
- Spiral yarn fixing

Material:

- Wall: silicone coated glass fabric
- Spiral: spring steel wire
- Thread: special yarn

Properties:

- Double-layer
- Very good heat resistance
- Leak-proof
- Smooth interior
- Flexible
- Fiber reinforced
- Small bending radius
- Kink-proof
- Flame-retardant according to UL94-HB

Temperature Range:

- -70°C approx. To +260°C approx.
- Short time to +280°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103729	20	24	3.000	0.730	24	0.12	4
57103730	25	29	2.800	0.710	29	0.19	4
57103731	32	36	2.700	0.650	36	0.28	4
57103732	38	43	2.600	0.600	43	0.31	4
57103733	44	49	2.600	0.580	49	0.35	4
57103734	50	56	2.600	0.520	56	0.39	4
57103735	63	68	2.400	0.460	68	0.49	4
57103736	76	81	2.100	0.430	81	0.60	4
57103737	90	95	2.000	0.400	95	0.71	4
57103738	100	105	1.900	0.350	105	0.80	4
57103739	114	120	1.500	0.300	120	0.89	4
57103740	127	133	1.400	0.230	133	0.96	4
57103741	140	146	1.300	0.200	146	1.10	4
57103742	150	156	1.200	0.170	156	1.40	4
57103743	165	171	0.900	0.120	171	1.70	4
57103744	203	209	0.700	0.090	209	1.90	4

- Delivery variants: wireless sleeve (standard), customer-specific product marking, further diameters and lengths available on request.



SIL 4-2 SILICONE HOSES



Applications:

- Welding fume suction
- Vehicle construction
- Drying technology

Construction:

- Wall: silicone-coated sealed glass-fiber fabric
- Spiral: spring steel wire integrated in wall

Material:

- Wall: silicone-coated sealed glass-fiber fabric
- Spiral: spring steel wire

Properties:

- Double-layer
- Smooth interior
- Good flow characteristics
- Good overpressure and vacuum tightness
- Superior heat resistance
- Superior cold resistance
- Highly flexible, also in cold temperatures
- Lightweight
- Non-kinking
- Flame-retardant according to UL94-HB

Temperature Range:

- -70°C approx. To +260°C approx.
- Short time to +280°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103745	20	24	3.000	0.730	24	0.12	4
57103746	25	29	2.800	0.710	29	0.19	4
57103747	32	36	2.700	0.650	36	0.28	4
57103748	38	43	2.600	0.600	43	0.31	4
57103749	44	49	2.600	0.580	49	0.35	4
57103750	50	56	2.600	0.520	56	0.39	4
57103751	63	68	2.400	0.460	68	0.49	4
57103752	76	81	2.100	0.430	81	0.60	4
57103753	90	95	2.000	0.400	95	0.71	4
57103754	100	105	1.900	0.350	105	0.80	4
57103755	114	120	1.500	0.300	120	0.89	4
57103756	127	133	1.400	0.230	133	0.96	4
57103757	140	146	1.300	0.200	146	1.10	4
57103758	150	156	1.200	0.170	156	1.40	4
57103759	165	171	0.900	0.120	171	1.70	4
57103760	203	209	0.700	0.090	209	1.90	4

- Delivery variants: wireless sleeve (standard), customer-specific product marking, further diameters and lengths available on request.



FLEX 5-1 TPE FLEXIBLE HOSES



Applications:

- For powdery solids such as dust, powder and fibers
- For gaseous media such as vapors and smoke
- For steam extraction
- As conductor of hot and cold air
- For blowers and compressors

Construction:

- Spiral: spring steel wire integrated in wall
- Wall: thermo-plastic rubber (TPE)

Material:

- Wall: thermo-plastic rubber (TPE)
- Spiral: spring steel wire

Properties:

- Excellent price to performance ratio (patented process, low cost and robust to transport, minimal storage space)
- Good resistance to alkalis and acids
- Good resistance to chemicals
- Bending radius=approx. Outer- Ø
- Capable of electro-static discharge (according to BGR 132, formerly ZH 1/200) by grounding the spiral.

Temperature Range:

- -40°C approx. To +125°C approx.
- Short time to +150°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103761	25	32	0.350	0.170	32	0.12	15
57103762	32	39	0.300	0.160	39	0.14	15
57103763	38	45	0.300	0.160	45	0.16	15
57103764	50	58	0.270	0.130	58	0.23	15
57103765	63	71	0.210	0.090	71	0.28	15
57103766	76	84	0.180	0.070	84	0.33	15
57103767	80	88	0.170	0.065	88	0.36	15
57103768	90	98	0.150	0.055	98	0.44	15
57103769	100	108	0.140	0.045	108	0.55	15
57103770	114	122	0.115	0.040	122	0.58	15
57103771	120	128	0.110	0.040	128	0.61	15
57103772	125	133	0.105	0.030	133	0.66	15
57103773	140	148	0.095	0.030	148	0.73	15
57103774	150	158	0.090	0.030	158	0.79	15
57103775	160	168	0.085	0.025	168	0.83	15
57103776	178	186	0.075	0.020	186	0.94	15
57103777	203	211	0.060	0.020	211	1.10	15
57103778	254	262	0.040	0.015	262	1.30	10
57103779	305	313	0.010	0.010	313	1.80	10

- Delivery variants: black (standard), customer-specific product marking, further diameters and lengths available on request.



VENT 6-1 ALUMINUM FOIL AIR HOSES (130°C)



Applications:

- Exhaust air vent
- Electrical component manufacture
- Clean rooms
- LCD manufacture

Construction:

- Aluminum foil mechanically clamped into metal band.

Material:

- Wall: 0.1 mm thick aluminum foil
- Spiral: 8 mm wide galvanized steel band

Properties:

- Medium temperature
- Highly flexible
- Axially compressible
- Bending radius $\times 1.25$ of diameter
- Very good low temperature flexibility
- Small bending radius
- Kink-proof
- Gas and liquid tight

Temperature Range:

- +130°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103780	38	42	0.350	0.190	48	0.30	5
57103781	50	55	0.330	0.170	60	0.36	5
57103782	63	67	0.290	0.170	68	0.47	5
57103783	75	79	0.250	0.150	80	0.54	5
57103784	90	95	0.200	0.130	95	0.57	5
57103785	100	105	0.200	0.130	105	0.60	5
57103786	125	130	0.180	0.130	130	0.74	5
57103787	150	156	0.150	0.090	155	0.89	5
57103788	200	206	0.100	0.080	205	1.10	5
57103789	250	257	0.080	0.300	255	1.40	5
57103790	300	307	0.050	0.300	305	1.70	5

- Delivery variants: customer-specific product marking, further diameters and lengths available on request.



G “ INDUSTRIAL SUPPLIES



VENT 6-2 ALUMINUM FOIL AND FABRIC AIR HOSES (180°C)



Applications:

- Drying equipment
- Hot air suction and ventilation applications requiring highly flexible hose.

Construction:

- Wall: two ply aluminum coated fiber-glass fabric mechanically clamped into 8mm wide galvanized steel spiral band.

Material:

- Wall: aluminum coated fiber-glass fabric
- Spiral: galvanized steel band

Properties:

- High temperature resistance
- Highly flexible
- Axially compressible
- Easy to install
- Flame-retardant according to UL94-HB

Temperature Range:

- +180°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103791	38	42	0.350	0.190	48	0.30	5
57103792	50	55	0.330	0.170	60	0.40	5
57103793	63	67	0.290	0.170	73	0.51	5
57103794	75	79	0.250	0.150	85	0.60	5
57103795	90	95	0.200	0.130	100	0.64	5
57103796	100	105	0.200	0.130	110	0.67	5
57103797	125	130	0.180	0.120	135	0.84	5
57103798	150	156	0.150	0.090	160	1.01	5
57103799	200	206	0.100	0.080	210	1.30	5
57103800	250	257	0.080	0.030	260	1.60	5
57103801	300	307	0.050	0.030	310	1.90	5

- Delivery variants: white (standard), customer-specific product marking, further diameters and lengths available on request.



VENT 6-3 SILICONE FOIL AND FABRIC AIR HOSES (250°C)



Applications:

- As conductor of hot and cold air
- For granulate dryers in the plastics industry
- For printing machines, blowers and compressors
- For exhaust gas technology, engine construction, engine warming, aircraft construction and military construction

Construction:

- Wall: one ply silicone coated fiber-glass fabric mechanically clamped into 8mm wide stainless steel band.

Material:

- Wall: silicone coated fiber-glass fabric
- Spiral: stainless steel band

Properties:

- Very good heat resistance
- Leak-proof
- Fiber reinforced
- Small bending radius
- Axially compressible
- Flame-retardant according to UL94-HB

Temperature Range:

- -70°C approx. to +250°C approx.
- Short time to +300°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103802	38	42	0.200	0.190	48	0.32	5
57103803	50	55	0.180	0.170	60	0.37	5
57103804	63	68	0.150	0.170	73	0.48	5
57103805	75	80	0.130	0.150	85	0.55	5
57103806	90	96	0.100	0.130	100	0.59	5
57103807	100	106	0.100	0.130	110	0.65	5
57103808	125	131	0.090	0.130	135	0.80	5
57103809	150	157	0.080	0.090	160	0.99	5
57103810	200	207	0.050	0.060	210	1.30	5
57103811	250	258	0.030	0.030	260	1.60	5
57103812	300	309	0.020	0.030	310	1.90	5

- Delivery variants: customer-specific product marking, further diameters and lengths available on request.



VENT 6-4 PTFE AIR HOSES (260°C)



Applications:

- For solids such as dust, powder, fibers and chips.
- For gaseous media such as vapors and smoke.
- For the food and pharmaceutical industry.
- For the chemical industry.

Construction:

- PTFE mechanically clamped into metal band

Material:

- Wall: PTFE coated glass fabric
- Clamp profile: stainless steel

Properties:

- Very good heat resistance
- Highly flexible and compressible 4:1
- Firm clamping of the wall in clamp profile
- Odorless and tasteless
- Anti-adhesive
- Good resistance to alkalis and acids
- Extremely good resistance chemicals
- Good resistance to UV and ozone
- Small bending radius
- Kink-proof
- Minimum weight

Temperature Range:

- -200°C approx. to +250°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103813	38	42	0.200	0.190	48	0.30	5
57103814	50	55	0.180	0.170	60	0.35	5
57103815	63	68	0.150	0.170	73	0.45	5
57103816	75	80	0.130	0.150	85	0.52	5
57103817	90	96	0.100	0.130	100	0.55	5
57003818	100	106	0.100	0.130	110	0.61	5
57103819	125	131	0.090	0.130	135	0.76	5
57103820	150	157	0.080	0.090	160	0.93	5
57103821	200	207	0.050	0.060	210	1.10	5
57103822	250	258	0.030	0.030	260	1.30	5
57103823	300	309	0.020	0.030	310	1.70	5

- Delivery variants: customer-specific product marking, further diameters and lengths available on request.



VENT 6-5 STAINLESS STEEL AIR HOSES (450°C)



Applications:

- Hot ventilation in clean rooms
- General air ventilation
- LCD manufacture
- Semiconductor manufacture
- Electrical component manufacture

Construction:

- Stainless steel foil mechanically clamped into stainless steel spiral

Material:

- Wall: 0.05mm stainless steel foil
- Spiral: stainless steel band

Properties:

- Long life
- Super-clean
- Bendable
- High temperature
- Rigid

Temperature Range:

- 450°C approx.

UNIT: mm

ITEM NO.	I.D.	O.D.	OVERPRESSURE BAR	VACUUM BAR	BENDING RADIUS	WEIGHT (kgs/m)	STOCK LENGTHS (m)
57103824	38	42	0.200	0.230	48	0.30	2
57103825	50	54	0.180	0.210	60	0.36	2
57103826	63	67	0.150	0.210	73	0.47	2
57103827	75	79	0.130	0.210	85	0.54	2
57103828	90	95	0.100	0.170	100	0.57	2
57103829	100	105	0.100	0.150	110	0.60	2
57103830	125	130	0.090	0.150	135	0.74	2
57103831	150	156	0.080	0.130	160	0.89	2
57103832	200	206	0.050	0.100	210	1.10	2
57103833	250	257	0.030	0.060	260	1.40	2
57103834	300	307	0.020	0.060	310	1.70	2

- Delivery variants: customer-specific product marking, further diameters and lengths available on request.



G “ INDUSTRIAL SUPPLIES

HOSE CLAMPS-1

UNIT: mm



Applications:

- Clamp for attachment of light-duty hoses with smooth exterior.

Material:

- Clamp band: stainless steel
- Screw: chrome-plated steel

Properties:

- Easily and quickly fitted
- Re-usable (threaded)
- Rust-proof

ITEM NO.	CLAMPING RANGE I.D.	BAND WIDTH
57103835	13-26	9
57103836	19-38	9
57103837	25-51	9
57103838	40-64	9
57103839	52-76	9
57103840	65-89	9
57103841	78-102	9
57103842	91-115	9
57103843	105-127	9
57103844	118-140	9
57103845	130-153	9
57103846	156-180	9
57103847	165-203	9
57103848	215-255	9

HOSE CLAMPS-2 (ALL STAINLESS)

UNIT: mm



Applications:

- Special clamp for attachment of exterior
- corrugated spiral hoses

Construction:

- Stainless steel (VA).

Material:

- Clamp band: stainless steel 1.4301/AISI 304/ W2 (VA)
- Bridge: stainless steel 1.4301/ AISI 304/W2 (VA)
- Screw: chrome-plated steel

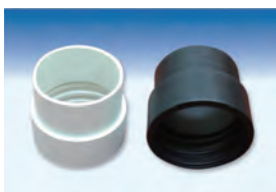
Properties:

- Practically leak-proof and firmly clamped with special bridge geometry
- Easily and quickly fitted
- Re-usable (threaded)
- Rust-proof
- Very robust

ITEM NO.	CLAMPING RANGE I.D.
57103849	27-47
57103850	35-55
57103851	45-65
57103852	55-75
57103853	65-85
57103854	85-105
57103855	95-115
57103856	115-135
57103857	145-165
57103858	185-205
57103860	195-215
57103861	215-235
57103862	245-265
57103863	295-315

RUBBER HOSE CONNECTORS

UNIT: mm



Applications:

- Soft sieve for and exterior connections

Construction:

- Connect

Material:

- Wall: special rubber

Temperature Range:

- -20°C approx. to +125°C approx.

Suitable For Hose:

- FLEX 1-1
- FLEX 1-2
- FLEX 1-3
- VENT 1-4
- PLAST 2-1
- FLEX 5-1

ITEM NO.	I.D.
57103864	38
57103865	50
57103866	63
57103867	76
57103868	90
57103869	100
57103870	125
57103871	150
57103872	200
57103873	250

DUST ACCESSORY KIT -TIMBER ONLY-Ø100mm (4") Dia.

INCLUDES:

- 2 x 3 metres x Ø100mm diameter dust hose.
- 10 x Hose clamps to suit Ø100mm diameter hose.
- 1 x 558mm wide floor sweeper attachment.
- 1 x Table saw hood.
- 1 x Universal dust hood.
- 1 x 150mm dust hood.
- 1 x "Y" connector.
- 2 x Shut-off valves.

DESCRIPTION:

- This timber dust accessory kit consist off the most sort after Ø100mm connections and attachments to connect your dust extraction unit to your machine.

ITEM NO. 57104928

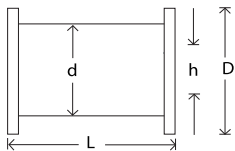




ELECTRODE WIRES

FEATURES:

- The special treatment on the wires leaves no residue of acid corrosion material. It won't cause any damage to the machine, workpieces and filtered water. PH value remains unchanged. Smooth surface free from dirt, rust and grease.
- Precision weight control to maintain the stability of processing time.
- No welding on the full length of wire.
- Tolerance of diameter and roundness is controlled within 0.001mm.
- No scratch, cracking, twisting and deformation on the full length of wire.
- Other coil types, weight and wire diameter are available upon request.



Material: Brass 65/35
JIS-H 3260 C2700



WIRE TYPE	DIAMETER		DIAMETER TOLERANCE	BREAKING LOAD	TENSILE STRENGTH	ELONGATION
	(inch)	(mm)	(mm)	(kg)	(N/mm)	
Hard	0.004	0.10	- 0.002	0.78	1000 ~ 980	0.2≤
	0.006	0.15		1.73		
	0.008	0.20		3.14		
	0.010	0.25		4.92		
	0.012	0.30		7.07		
Soft	0.013	0.33	- 0.002	8.55	490 ~ 441	20≤
	0.008	0.20		1.41		
	0.010	0.25		2.21		
	0.012	0.30		3.18		

UNIT: mm

ITEM NO.	SPOOL TYPE	SPOOL SHAPE	WEIGHT OF WIRE COIL (kgs)	DIAMETER OF WIRE	D	d	L	h	LENGTH OF WIRE COIL (M)	NUMBER OF COIL/BOX			
57100529	P-3R		3	0.10	130	80	110	20	39360	6			
57100530				0.15					18750				
57100894				0.20					10988				
				0.25					6932				
57100895	K-125		3.5	0.10	125	80	125	20	12820	4			
57100533				0.15					8087				
57100896				0.20					5600				
				0.25					4725				
57100531	P-5R		5	0.20	160	90	114	20	18314	4			
				0.25					11553				
				0.30					8001				
57100534	K-160		7	0.20	160	100	160	22	25640	2			
				0.25					16174				
				0.30					11200				
57103081	P-10R		10	0.20	200	90	110	30	36628	2			
				0.25					23106				
				0.30					16002				
57100535	K-200		16	0.20	200	125	200	22	58605	1			
				0.25					36970				
				0.30					25603				
57100532	P-15R		20	0.20	250	110	140	30	73256	1			
				0.25					46212				
				0.30					32004				

- This represents a DIN(Garman) standard coil,primarily desinged for AGIE and CHARMILLES machines.
- Zinc coated wire is suitable for cutting requirement with faster cutting speed and better finished surface result.



G “ INDUSTRIAL SUPPLIES



WIRE DIES GUIDE

•ELECTRODE WIRES

ITEM NO.	MODEL	MAKER	APPLICATION	REMARKS	
57103082		MITSUBISHI	SX,CX,FX Upper (M118)	C 834G	
57103083			SX,CX,FX Lower (M119)	B 243G	
57103084			H1,HA,B,Z,SK/AF Lower (M103)-H.S.S.		
57103085			F,FL,G,Opening ceramic stainless (Stop screw M108)	D 162G D 123G	
57103086			G,H~HA,C,CR (Dies Holder M111)	X 184D226H01	
57103087			H1,HA,B,Z SK/AF Lower (M117)-CARBIDE	B176G	
57103088			H1,HA,B,Z SK/AF Upper (M107)	B123G	
57103089			H1,A,B,Z SK/AF Upper (Stop Screw M120)	C524G	
57103090				Ceramic guides for small hole EDM machine (Z141)	
57103091		SODICK	A300,500,Aw330,450 EPOC,AP,BF (S103)	GUIDE (87-3)	
57103092		SEIBE	F,K,Upper & Lower (S111)		
57103093		HITACHI	H1-Cut 203,304,345,460 Lower(H102)		
57103094		FANUC	α , ⁰ A, ⁰ B,Upper(F120)		
57103095			α , ⁰ A, ⁰ B,Lower(F121)		
57103096			O.P.Q.R.W Upper& Lower(F101,F102)		
57103097			¹ A, ¹ B,Upper(F123)		
57103098			¹ A, ¹ B,Lower(F124)		



CARTRIDGE FILTERS



< For wire cut (Water) (OUTSIDE TYPE)

UNIT: mm

ITEM NO.	OUTER DIA.	INNER DIA.	LENGTH	SUITABLE MODELS
57103099	150	33	340	SEIBU, JAPAX, SODICK, AMADA
57103100	260	29	340	MITSUBISHI DWC-70N, 90N, 90P, 110N, 200N
57103101	260	29	340	MITSUBISHI DWC-70N, 90N, 90P, 210N, 200N
57103102	260	37	340	HITACHI H-CUT 304
57103103	260	46	290	MAKINO EC-3025, 3040
57103104	150	33	360	AGIE CUT-10, 200, 300, DEM 315

< For EDM (Oil) (OUTSIDE TYPE)

UNIT: mm

ITEM NO.	OUTER DIA.	INNER DIA.	LENGTH	SUITABLE MODELS
57103107	150	72	450	SEIBU, JAPAX, SODICK, AMADA
57103108	260	37	280	JAPAX, KURODA, SEIKO, SODICK
57103109	260	46	280	MAKINO EM-30, EDNC-22, 32, 64
57103110	260	29	340	MITSUBISHI DK-280, 360, 700
57103111	150	33	360	CHARMILLES AGIE

< For wire cut (Water) (INSIDE TYPE)

UNIT: mm

ITEM NO.	OUTER DIA.	INNER DIA.	LENGTH	SUITABLE MODELS
57103105	300	29	500	MITSUBISHI DWC-70F, 90F, 90PF, 110F, 200F, 70G, 90G, 90PG, 110G, 200G
57103106	340	46	450	FANUC CUT-MODEL O.P.Q.R

< For EDM(Oil) (INSIDE TYPE)

UNIT: mm

ITEM NO.	OUTER DIA.	INNER DIA.	LENGTH	SUITABLE MODELS
57103112	300	46	340	HITACHI HDS-02N, 10N
57103113	260	37	340	HITACHI H-ABM II, HSD-20N
57103114	260	29	340	MITSUBISHI M35, M55, M75
57103115	150	33	340	MITSUBISHI M25, M25C3, M25C6



G9 - ELECTRODE WIRES

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



CHAMFERING & DEBURRING MACHINES



▲ ITEM NO. 57100600
Using indexable side milling cutter



▲ ITEM NO. 57100601
Using bowl wheel
ø100 x 50 thick x ø17 mm hole



▲ ITEM NO. 57100602-1 (W/CE)
Using indexable face milling cutter & bowl wheel
ø100 x 50 thick x ø17 mm hole



▲ ITEM NO. 57100603
Using disk espi
ø165 x 22 mm hole

- Ideal for chamfering/deburring of small workpiece.
- Easy set-up.

UNIT: mm

ITEM NO.	SPACE REQUIREMENT	WEIGHT	VOLTAGE	MOTOR OUTPUT	SPEED	LENGTH OF GUIDE RAILS	CHAMFERING CAPACITY	CHAMFERING ANGLE
57100600	500 x 350	29 kgs	3ø220V~440V	1HP	3500 R.P.M	500	0~3	15°~45°
57100601	500 x 420	31 kgs	or			500	0~3	45°
57100602-1	500 x 420	36 kgs	1ø110V/220V			500	0~3	45°
57100603	320 x 400	27 kgs	50HZ/60HZ			320	0~3	45°



PORTABLE CHAMFERING MACHINE

FEATURES:

- Ideal for large workpieces, dies, molds in steels or cast iron.
- Easy operation.
- Indexable side milling cutter with inserts of 1203 spun.



UNIT: mm

ITEM NO.	SPACE REQUIREMENT	WEIGHT	VOLTAGE	MOTOR OUTPUT	SPEED	LENGTH OF GUIDE RAILS
57100604	360 x 200 x 260	11 kgs/13 kgs NW/GW	3PH, 220V~415V 50HZ/60HZ	0.37KW	3500 R.P.M	200

CHAMFERING CAPACITY	CHAMFERING ANGLE
0~5	15° ~ 45°



SELF-PROPELLED CHAMFERING MACHINE

UNIT: mm

ITEM NO.	57105400
Input voltage	220V~ 440V, 50Hz/60Hz, 3PH
Motor output	400W
Max. processing speed	1.8 m~ 2m / min
Bevel angle	30° 35° 45° (Alternative)
Best fit plate thickness	4~12
Best fit plate width	Up 60
Locked thickness	4~16
Cutter size	Φ 93 x 20
N.w/g.w	28 kgs / 46 kgs
Machines size (W x H x L)	385 x 380 x 300
Packing size (W x H x L)	580 x 630 x 500

UNIT: mm

BEVEL ANGLE a	MAX. BEVEL HEIGHT d	MAX. BEVEL WIDTH -SS	MAX. BEVEL WIDTH -SUS
a°=30°	8.6	10	8
a°=35°	8.2	10	8
a°=45°	7	10	8

V CHOOSE:



▲ FOR ITEM NO.
57105400
CUTTER (STD)

▲ ANGLE FRAME-30DEG ▲ ANGLE FRAME-35DEG ▲ ANGLE FRAME-45DEG



G “ INDUSTRIAL SUPPLIES

SELF-PROPELLED CHAMFERING MACHINE

FEATURES:

- A. Applicant: Available for steel, stainless steel, aluminum, copper, plastic and others materials.
- B. Quick speed chamfering, 2500~3000mm per minute.
- C. No need the coolant oil or cutting oil while chamfering.
- D. Available for different size of panel.
 - The large size: Chamfering it is self for work piece.
 - The small size: Fixed way, move the work piece for chamfering.
- E. Easy operation, to adjustment each function with only one fixed wrench.
- F. Adopt with high-carbon steel .Reliable mode, good construction.



UNIT: mm

ITEM NO.	57105401
Voltage	220V~ 440V, 50 Hz / 60 Hz, 3 PH
Motor	2 HP, 2800 RPM / 50HZ, 3420 RPM / 60HZ
Cutting speed	4000~ 4500 mm / min (MAX.)
Bevel angle	15°~ 50° (VARIABLE FINE TUNE)
Work piece	6~40
Work piece width	100 ↑
Height of bevel	13 / 45° (STEEL)
-	8 / 45° (STAINLESS)
N.w/g.w	140 kgs / 179 kgs

ADOPT IMPORTED ITALIAN MOTOR AND SPEED REDUCER

NO.	NAME OF PARTS
02-212-01	Cutter - STEEL (intensity)
02-212-02	Cutter - STEEL (intensity)
02-212-03	Cutter - SUS (high strength)
02-212-04	Cutter - SUS (high strength)



MULTI-FUNCTION PORTABLE CHAMFERING TOOL

FEATURES:

- The unit provides chamfering capacity from 0 to 2.5 mm.
- Multi - function design .
- Fits for chamfering small workpiece or large workpiece.
- Fits for chamfering thin workpiece (within 3 mm).
- Fits for chamfering vertical workpiece.
- Fits for chamfering irregular shape and round workpiece.

ITEM NO.	GRINDER	CHAMFERING CAPACITY	RUNNING SPEED	POWER SOURCE
57100605	Imported	3 mm	12000 R.P.M	110/220V





SELF-PROPELLED CHAMFERING MACHINE



▲ STANDARD MODEL



▲ REVERSE MODEL

FEATURES:

- A. Applicant: Available for steel, stainless steel, aluminum, copper, plastic and other materials.
- B. No need the coolant oil or cutting oil while chamfering.
- C. Available for different size of panel.
The large size: Chamfering it is self for work piece.
The small size: Fixed way, move the work piece for chamfering.
- D. Easy operation, to adjustment each function with only one fixed wrench.
- E. Adopt with high-carbon steel. reliable mode, good construction.
- F. Easy operation, to turn round no need accessories.

UNIT: mm

ITEM NO.	57105402
Voltage	220V ~ 440V, 50 Hz / 60 HZ
Motor	3 HP, 1720 RPM / 60HZ, 1400 / 500 HZ
Cutting speed	1850 - 2250 mm / min
Bevel angle	15° ~ 50° (VARIABLE FINE TUNE)
Work piece	9 ~ 50
Work piece width	100 ↑
Height of bevel (steel)	20 / 45° (STEEL)
Height of bevel (stainless)	20 / 45° (STAINLESS) ★ 8 / single chamfer
Min diameter for outside bevels	Φ400
Machine size (without lift table)	700 x 500 x 1000
Machine size (with lift table)	1650 x 1300 x 1590
Packing (machine)	820 x 670 x 1100
(lift table)	1050 x 910 x 670
N.w/g.w	283 kgs / 368 kgs



UNIT: mm

NO.	NAME OF PARTS	SPECIFICATIONS
02-220-02	Cutter-steel (high strength)	Φ110 x Φ36 x 29
02-220-04	Cutter-sus(high strength)	Φ110 x Φ36 x 29



G “ INDUSTRIAL SUPPLIES

PORTABLE CHAMFERING TOOLS

FEATURES:

- The unit provides chamfering capacity from 0 to 3 mm.
- It is suitable for chamfering operations of angle, radius, straight line, and external curve, especially ideal for working on heavy workpieces. Convenient to operate with great time saving performance.
- Suitable for chamfering of comparatively large workpieces of dies, machines, and various parts of steel or cast iron.



ITEM NO.	GRINDER	CHAMFERING CAPACITY	RUNNING SPEED	POWER SOURCE
57100606	Taiwan made	3 mm	12000 R.P.M	220V
57100607	Imported	3 mm	12000 R.P.M	110/220V

PORTABLE CHAMFERING TOOL

FEATURES:

- No consideration of voltage and plug, the unit operates by air pressure from compressor.



- For straight line chamfering, pneumatic.

ITEM NO.	CHAMFERING CAPACITY	RUNNING SPEED	AIR PRESSURE
57100610	3 mm	12000 R.P.M	90psi / 6.3 kgs / cm ²

IRREGULAR TYPE CHAMFERING TOOLS

FEATURES:

- Fits for chamfering angle C and curve. The unit provides chamfering 0~3 mm.
- Fits for heavy workpiece.
- Easy operation, convenient and save time.
- Fits for chamfering of large workpiece of dies, molds, machine parts of steel and cast iron.
- Fits for chamfering irregular shape and external curve.



ITEM NO.	GRINDER	CHAMFERING CAPACITY	RUNNING SPEED	POWER SOURCE
57100609	Imported	3 mm	12000 R.P.M	110 / 220V



BURRING MACHINE



Application:

- Put the workpiece upward and easy to check the working surface.
- Suitable for the workpiece in irregular shape, such as de-waxing, forging, casting, pressing and machining.
- Ferrous metal, non-ferrous metal, wood and plastics are available.
- Lightweight, easy to operate and install.



UNIT: mm

ITEM NO.	POWER	GRINDING BELT	DIMENSION					WEIGHT (kgs)
			A	B	C	D	E	
57103116	1/4HP	1/4" × 60"	425	288	326	295	847	43
	1Phase/3Phase	1/2" × 60"						
	110V/220V							



BENCH GRINDERS

ITEM NO.	57103117
Motor	1/6HP 120W
Speed	0-10000 RPM
Grind wheel	75 × 19 × 10 mm
Polish wheel	75 × 12 × 10 mm
Weight	3 kgs



ITEM NO. 57103117

ITEM NO.	57103118
Motor	1/6HP 120W
Speed	50HZ / 2850 RPM 60HZ / 3400 RPM
Grind wheel	75 × 19 × 8 mm
Polish wheel	75 × 12 × 8 mm
Weight	2.5 kgs



ITEM NO. 57103118

ITEM NO.	57103119
Motor	3/4HP 605W
Speed	50HZ / 2850 RPM 60HZ / 3450 RPM
Grind wheel	175 × 25 × 19 mm (8 × 1 × 5/8")
Polish wheel	205 × 25 × 19 mm (7 × 1 × 5/8")
Weight	21 kgs



ITEM NO. 57103119



G “ INDUSTRIAL SUPPLIES



BENCH GRINDERS

ITEM NO.	57103120
Motor	3/4 HP 605W
Speed	50HZ / 2850 RPM 60HZ / 3450 RPM
Grind wheel	150 x 40 x 25 mm
Weight	42 kgs



ITEM NO. 57103120

ITEM NO.	57103121
Voltage	1x110V, 1/4 HP 1 x 220/240V
Speed	3500 74 RPM 2800 60 RPM
I.D. x O.D. x thickness	ø22.2 x 254 x 50 mm ø11 9 x 127 x 16 mm 7/8" x 10" x 2" 1/2" x 5" x 5/8"
Weight	16 kgs 35 lb



ITEM NO. 57103121



DIAMOND GRINDING DRESSER



ITEM NO. 57104929

- Any grinding wheel benefits from periodic dressing to ensure it runs true or to restore its cutting ability after it has become glazed.



WHEEL DRESSER

- SIMPLE
- ECONOMICAL



ITEM NO. 57104930



HIGH SPEED MINI ENGRAVERS



ITEM NO.	SPEED (RPM)	INPUT	HANDPIECE WEIGHT	SIZE (d×L)	STANDARD ACCESSORIES	OUTPUT	LOAD
57104933	3,000 ~ 23,000	100~240V	59 g	26 × 150 mm	3/32"	12.0V ±5%	1A
57104934	3,000 ~ 23,000	100~240V	64 g	26 × 150 mm	0 ~ 1/8"	12.0V ±5%	1A



PRECISION CUT OFF MACHINE

FEATURES:

- Suitable for mold & die makers.
- For cutting off ejector pins & hard steel.



< ITEM NO. 57100611

UNIT: mm

ITEM NO.	57100611
Max. cutting capacity	ø25, 100 (wide)
Cutting tolerance	20 ± 0.1
Cut-off wheel	ø150 x 1 x ø19.05
Speed	3600 RPM
Motor	1/2 HP
Rule length	300
Weight	86 kgs
Machine size	620 x 420 x 450
Packing size	720 x 520 x 600



PRECISION ROD CUT OFF & END SURFACE GRINDING MACHINE

FEATURES:

- Tolerance of cut-off length: 300 mm ± 0.01mm
- Rule with a micrometer for precision adjustment.
- Grinding wheel can be micro-adjusted for precision deburring and chamfering.
- Rapid clamping chuck for setting up workpiece easily.



< ITEM NO. 57100612

UNIT: mm

ITEM NO.	57100611
Max. cutting capacity	ø25, 300±0.01
Right angle precision	25 x 90° ± 0.01°
Cut-off wheel	ø180 x 1 x ø31.8
Emery cup wheel	100 x 50 x 20
Speed	3600 RPM
Motor	1HP, 1PH
Rule length	300 std. option 500, 600
Weight	87.5 kgs
Machine size	430 x 360 x 500

OPTIONAL ACCESSORIES:

< ITEM NO. 57100613

500 mm Rule length

< ITEM NO. 57100614

600 mm Rule length



G11 - BENCH GRINDERS

INDUSTRIAL SUPPLIES

G " INDUSTRIAL SUPPLIES

POWERFUL / HYDRAULIC TUNGSTEN STEEL PRECISION CUTTERS

FEATURES:

- Special for tungsten-steel cutting.
- Moveable shaft bearing, easy operation and safety.
- For injecting pin cutting.
- Good-looking cutting surface of stainless steel and heat-treated material.
- Small size without occupying space.
- Cause no vibration, no dust and noiseless.
- Easy to exchange the emery wheel.

✓ ITEM NO. 57104932
(HYDRAULIC TYPE)



✓ ITEM NO. 57104931
(STANDARD TYPE)



UNIT: mm

ITEM NO.	57104931 / 57104932
Max. cutting capacity	Wide: 90, ø23 O.D.: 150
Emery wheel	Thickness: 1 Center Hole: 19.05
Speed	4000 RPM
Power	2HP 3ø
Scale	300
Weight (approx.)	N.W.: 110 kgs G.W.: 135 kgs

- The manufacturer reserves the right to modify the design, specifications, mechanisms, etc, without notice.

GENERAL PURPOSE LETTER STEEL STAMPS

APPLICATION:

- Hardness: HRC 58~60 degrees.
- For hand-held, hammer-struck applications.

FEATURES:

- Textured shanks provide a firm and easy grip.
- Steel letter, figure, combination sets.

SET CONTAINS:

- Letter set contains 27 pieces-A thru Z plus ampersand(&).
- Number set contains 9 pieces-0 thru 8 (the 6 is used as a 9)
- Combination letter and number set contains 36 pieces-A thru Z, period, O thru 8.

- 27 pcs/set in plastic case.



ITEM NO.	SIZE	SHANK SIZE (inch) SQUARE	Q.T.Y (SET)	N.W. (kgs)	G.W (kgs)	CUFT
57100656	1.0 mm (3/64")	1/4"	50	25	26	0.33
57100657	1.5 mm (1/16")	1/4"				
57100658	2.0 mm (5/64")	1/4"				
57100659	2.5 mm (3/32")	1/4"				
57100660	3.0 mm (1/8")	1/4"				
57100661	4.0 mm (5/32")	1/4"	30	24	25	0.30
57100662	5.0 mm (3/16")	5/16"				
57100663	6.0 mm (1/4")	3/8"				
57100664	8.0 mm (5/16")	1/2"	10	25	26	0.28
57100665	10.0 mm (3/8")	1/2"				
57100666	12.0 mm (1/2")	5/8"	5	24	25	0.30



GENERAL PURPOSE FIGURE STEEL STAMPS



- 9 pcs/set in plastic case.

ITEM NO.	SIZE	SHANK SIZE (inch) SQUARE	Q.T.Y (SET)	N.W. (kgs)	G.W (kgs)	CUFT
57100667	1.0 mm (3/64")	1/4"	120	20	21	0.35
57100668	1.5 mm (1/16")	1/4"				
57100669	2.0 mm (5/64")	1/4"				
57100670	2.5 mm (3/32")	1/4"				
57100671	3.0 mm (1/8")	1/4"				
57100672	4.0 mm (5/32")	1/4"	80	22	23	0.34
57100673	5.0 mm (3/16")	5/16"				
57100674	6.0 mm (1/4")	3/8"				
57100675	8.0 mm (5/16")	1/2"	30	26	27	0.32
57100676	10.0 mm (3/8")	1/2"				
57100677	12.0 mm (1/2")	5/8"	15	22	23	0.30



REVERSED LETTER STEEL STAMPS – HEAVY DUTY

FEATURES:

- Hardness: HRC 58~60 degrees.
- Stamp characters in reverse on thin metal patterns, embossing or forging dies, or in molds.
- Provides raised, right reading forms on the surface of the product.
- Reversed Letter Steel Stamps can be used in mold applications.
- For hand-held, hammer-struck and /or machine application.



- 27 pcs/set in plastic case.

ITEM NO.	SIZE	SHANK SIZE (inch) SQUARE	Q.T.Y (SET)	N.W. (kgs)	G.W (kgs)	CUFT
57100678	1.0 mm (3/64")	1/4"	50	25	26	0.33
57100679	1.5 mm (1/16")	1/4"				
57100680	2.0 mm (5/64")	1/4"				
57100681	2.5 mm (3/32")	1/4"				
57100682	3.0 mm (1/8")	1/4"				
57100683	4.0 mm (5/32")	5/16"	30	24	25	0.30
57100684	5.0 mm (3/16")	5/16"				
57100685	6.0 mm (1/4")	3/8"				
57100686	8.0 mm (5/16")	1/2"	10	25	26	0.28
57100687	10.0 mm (3/8")	1/2"				
57103122	12.0 mm (1/2")	5/8"	5	24	25	0.30



G “ INDUSTRIAL SUPPLIES



REVERSED FIGURE STEEL STAMPS-HEAVY DUTY



- 9 pcs/set in plastic case.

ITEM NO.	SIZE	SHANK SIZE (inch) SQUARE	Q.T.Y (SET)	N.W. (kgs)	G.W (kgs)	CUFT
57100688	1.0 mm (3/64")	1/4"	120	20	21	0.35
57100689	1.5 mm (1/16")	1/4"				
57100690	2.0 mm (5/64")	1/4"				
57100691	2.5 mm (3/32")	1/4"				
57100692	3.0 mm (1/8")	1/4"				
57100693	4.0 mm (5/32")	5/16"	80	22	23	0.34
57100694	5.0 mm (3/16")	5/16"				
57100695	6.0 mm (1/4")	3/8"	60	26	27	0.35
57100696	8.0 mm (5/16")	1/2"	30	26	27	0.32
57100697	10.0 mm (3/8")	1/2"				
57103123	12.0 mm (1/2")	5/8"	15	22	23	0.30



COMBINATION OF LETTER & FIGURE STAMPS



- 36 pcs/set in plastic case.

ITEM NO.	SIZE	SHANK SIZE (inch) SQUARE	Q.T.Y (SET)	N.W. (kgs)	G.W (kgs)	CUFT
57100698	4.0 mm (5/32")	1/4"	30	24	25	1.2
57103124	5.0 mm (3/16")	5/16"	20	25	26	0.90
57103125	6.0 mm (1/4")	3/8"	12	20	21	0.60



STAMPS FOR GOLDSMITH



ITEM NO.	CHARACTERS OR FIGURES	ITEM NO.	CHARACTERS OR FIGURES	ITEM NO.	CHARACTERS OR FIGURES
57100699	Plat	57100703	5K	57100714	375
57100700	Sterling	57100704	6K	57100715	585
57100701	0-9 (Figure)	57100705	7K	57100716	750
57100702	A-Z, & (Letter)	57100706	8K	57100717	850
57103126	Platinum	57100707	9K	57100718	916
57103127	950	57103129	9KT	57100719	925
57103128	960	57100708	10K	57100720	99.99
		57100709	12K	57100721	90%
		57100710	14K	57103130	95%
		57100711	18K	57100722	100%
		57100712	22K	57100723	SS
		57100713	24K	57100724	PT
				57100725	©



ROUND-DOTTED STEEL STAMPS

FEATURES:

- Front end font HRC 58~ 62 degrees.
Tail end tempering HRC 38~ 46 degrees.
- The character is made of dots.
- For hand-held, hammer-struck and /or machine applications.
- Material: CR-V (6150).
- L-27 piece; A to Z plus ampersand (&) N-9 piece; 0 to 8 (the number of 6 and 9 are taken as same common one)
- Packed in a red sturdy plastic case.

UNIT: mm

ITEM NO.	SIZE	SHANK SIZE SQUARE	MARK
57103131	3.0 (1/8")	9.52	N
57103131-1	3.0 (1/8")	9.52	L
57103131-2	4.0 (5/32")	9.52	N
57103131-3	4.0 (5/32")	9.52	L
57103131-4	5.0 (3/16")	11.1	N
57103131-5	5.0 (3/16")	11.1	L
57103134	6.0 (1/4")	12.7	N
57103134-1	6.0 (1/4")	12.7	L
57103134-2	8.0 (5/16")	12.7	N
57103134-3	8.0 (5/16")	12.7	L
57104820	10.0 (3/8")	15.87	N
57104821	10.0 (3/8")	15.87	L
57104821-1	12.0 (1/2")	15.87	N
57104821-2	12.0 (1/2")	15.87	L

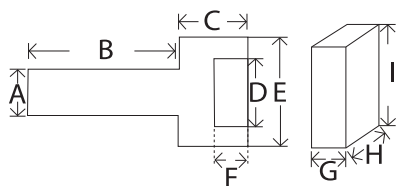


G “ INDUSTRIAL SUPPLIES



STEEL TYPES KITS

- Each set packed in a ABS-red strong plastic case.
- HRC 58~60 degrees.
- Kit includes: stamp holder-one pc; hexagon wrench one pc; steel stamps x 100pcs (52 individual pcs of type letters A thru Z (two each A~Z); 37 individual pcs of numbers 0~8 (four each 0,1,2,3,4,5,7,8, five 6, the 6 is used as 9); One "&"; two slash"/"; two dash"-"; and six blank spaces.
- The holder can accommodate 9 pieces of our 3mm / 5mm / 6mm steel stamps.



UNIT: mm

ITEM NO.	SIZE	A	B	C	D	E	F	G	H	I
57103136	3 (1/8")	19	60	30	32.5	46	14	3.5	6.35	19
57103137	5 (3/16")	25.4	60	32	52	67	15	5.5	7.93	22
57103138	6 (1/4")	25.4	60	32	52	67	15	5.5	7.93	22

Tolerance of "I" ± 0.01



AUTOMATIC CENTER PUNCHES

- Easily hold and non-slippery handle.
- Alloy steel point.
- Spring inside handle and saving strength.
- Convenient way to start holds. Just simple push of hand to activate the strike for a uniform punch again and again.



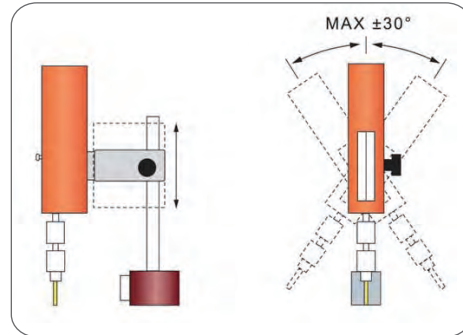
ITEM NO	LENGTH		DIAMETER	
	cm	inch	cm	inch
57103139	13	5"	1.3	4/8"
57103140	15.5	6"	1.7	5/8"



PORTABLE EDM (STUCK TAPPER PIN REMOVER)



ITEM NO. 57105399



ITEM NO.		57105399
Generator	Dimensions (mm)	500 × 300 × 220
	Weight (kgs)	22
Machine unit	Dimensions (mm)	270 × 85 × 600
	Weight (kgs)	7.5
Workhead travel		100 mm
Maximum current output		10A Min Ø1.0 mm / Max Ø6.3 mm
Electrode diameter		Brass or Copper electrode tube
Material of electrode		Clean Water
Dielectric		AC110 or AC220V, 1-Phase 50/60Hz
Generator power input		M2~M12

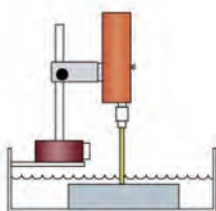
FEATURES:

- Remove taps easily without damage the threads.
- The portable design and magnetic base, allows quick clamping on top of workpiece for easy machining even for large workpieces.
- It is a self-contained unit, complete with dielectric pump and central cooling for electrode holder.
- Simple and user-friendly operating panel on controller.

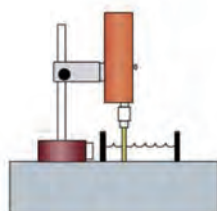
APPLICATIONS:

- Starting hole for wire cut EDM with lower precision operation.
- Cutting tungsten carbide or any harden steel.

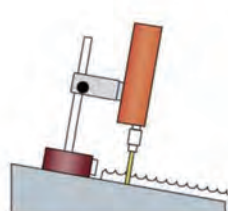
PROCESSING METHOD



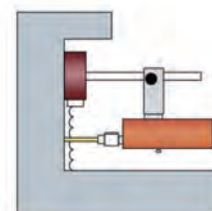
Small workpiece



Big workpiece

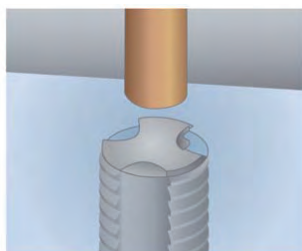


Non-Vertical
& irregular workpiece

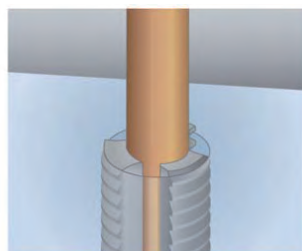


Cross machining

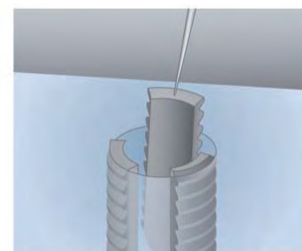
FEATURES AND FUNCTIONS



Drilling in tap center.



High pressure water to flush
the residues.



Top removal by needle to
protect screw threads



G “ INDUSTRIAL SUPPLIES

HAND TOOLS

> ITEM NO. 57103141

5 PCS SCREW EXTRACTOR SET

- Carbon steel
- Chrome molybdenum
- Size: 1/8", 1/4", 5/16", 7/16" 9/16"
- Blister card

100 SETS/12 KGS/13 KGS/1'



> ITEM NO. 57103144

5 PCS SCREW EXTRACTOR SET

- Chrome molybdenum
- Size: 7/64", 9/64", 5/32", 1/4", 19/64"
- Blister card

100 SETS/ 12KGS/13 KGS/1'



> ITEM NO. 57103146

6 PCS SCREW EXTRACTOR SET

- Carbon steel
- Chrome molybdenum
- Size: 1/8", 1/4", 5/16", 7/16", 9/16", 3/4"
- Blister card

100 SETS/25 KGS/26 KGS/1.2'



> ITEM NO. 57103147

8 PCS SCREW EXTRACTOR SET

- Chrome molybdenum
- Size: 1/8", 1/4", 5/16", 7/16", 9/16", 3/4", 1", 1 1/8"
- Plastic case and color box

24 SETS/19 KGS/20 KGS/0.4'





HAND TOOLS

BEMATO®

> ITEM NO. 57103149

7 PCS SCREW EXTRACTOR AND HAND TAP SET

- 3/8" Tap hand
- Size: 1/8", 1/4", 5/16", 7/16", 9/16"
- Blister card

60 SETS/19 KGS/20 KGS/1.4'



> ITEM NO. 57103151

5 PCS SCREW EXTRACTOR SET (SQUARE)

- Chrome molybdenum
- Size: 1/8", 3/16", 15/64", 5/16", 3/8"
- Blister card

120 SETS/15 KGS/16 KGS/1'



> ITEM NO. 57103152

7 PCS SCREW EXTRACTOR SET (SQUARE)

- Chrome molybdenum
- Size: 1/8", 3/16", 15/64", 5/16", 3/8", 15/32", 9/16"
- Color box with tray and dust cover

60 SETS/20 KGS/21 KGS/2'



> ITEM NO. 57103153

10 PCS SCREW EXTRACTOR SET (SQUARE)

- Chrome molybdenum
- Size: 1/8", 3/16", 15/64", 5/16", 3/8", 15/32", 9/16", 21/32", 13/16", 11/16"
- Color box with tray and dust cover

12 SETS/17 KGS/18 KGS/0.6'



> ITEM NO. 57103154

4 PCS STUD PULLER WRENCH SET

- Chrome vanadium steel
- Sae size: 1/4", 5/16", 3/8", 7/16"
- Metric size: 6 mm, 8 mm, 10 mm, 12 mm
- Metal box and color box

24 SETS/24 KGS/25 KGS/0.9'



G13 - SCREW EXTRACTOR SETS

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



HAND TOOLS

> ITEM NO. 57103155

2 PCS NUT SPLITTER SET

- Chrome vanadium steel
- Double blister
- Size: 1/2"-5/8" (12 mm-16 mm)
5/8"-7/8" (16 mm-22 mm)

36 SETS/19 KGS/20 KGS/1'



> ITEM NO. 57103156

4 PCS NUT SPLITTER SET

- Chrome vanadium steel
- Color box
- Size: 5/16"-1/2" (9 mm-12 mm)
1/2"-5/8" (12 mm-16 mm)
5/8"-7/8" (16 mm-22 mm)
7/8"-1 1/8" (22 mm-27 mm)

12 SETS/14 KGS/16 KGS/0.6'



> ITEM NO. 57103157

MEDIUM DUTY NUT SPLITTER

- Chrome vanadium steel
- Size: 1/8"- 15/16" (6 mm-23 mm)
- BULK

40 PCS/21 KGS/22 KGS/0.4'



> ITEM NO. 57103161

10 PIECE MULTI-SPLINE EXTRACTOR SET

- Quick & easy to remove broken screws, pipes, bolts, & studs
- Made of chrome molybdenum.
- SIZE: 1/8"(3.2 mm), 5/32"(4 mm), 3/16"(4.8 mm), 7/32"(5.5 mm),
1/4(6.3 mm), 9/32"(7.1 mm), 5/16"(7.9 mm), 11/32"(8.7 mm),
3/8"(9.5 mm), 13/32"(10.3 mm)
- Blow case color box

48 SETS/20 KGS/21 KGS/1.8'



> ITEM NO. 57103162

TAPERED REAMER

- Ream, deburr, align, and enlarge holes. T-handle makes turning easy. Reamer is made of heat treated high grade tool steel for long life. To avoid damage tool must always be turned clockwise. The use of cutting oil is recommended.
- Capacity: 1/8" to 1/2" (3 to 13 mm)
- Sliding card

120 PCS/10 KGS/11 KGS/1.2'



> ITEM NO. 57103163

TAPERED REAMER

- Ream, deburr, align, and enlarge holes. T-handle makes turning easy. Reamer is made of heat treated high grade tool steel for long life. To avoid damage tool must always be turned clockwise. The use of cutting oil is recommended.
- Capacity: 5/32" to 7/8" (4 to 22 mm)
- Sliding card

120 PCS/15 KGS/16 KGS/1.5'





BRAKE TOOLS

> ITEM NO. 57103164

BRAKE CALIPER PISTON TOOL

- A comprehensive kit for both push-back & wind-back disc brake piston service applications on 'collete' type brake assemblies.
- Essential for brake pad replacement & caliper servicing.
- Enables necessary pressure to be applied to return piston into housing & provide clearance for new pads to be fitted.
- Kit comprises, main body/screw assembly, special locating plate & 5 adapters covering wind-back type FORD, ROVER, HONDA, MERCEDES, TOYOTA, VW-AUDI, NISSAN, BMW, MAZDA, MITSUBISHI, PEUGEOT, SUBARU.
- Blow case and color box



12 PCS/17 KGS/18 KGS/0.9'

> ITEM NO. 57103165

AXLE SPINDLE RETHREADING SET

- 8PCS Thread restoring die set is used to clean or repair axle threads on spindles of M24x1.50, M24x2.00, M22x1.00, M22x1.50, M20x1.50, M20x1.25, 13/16"x20 UNEF, 3/4"x20 UNEF. Use with 1-1/4" socket or wrench
- NO. 6504-1 Rethreader Die. M24x 1.50
- NO. 6504-2 Rethreader Die. M24x 2.00
- NO. 6504-3 Rethreader Die. M22x 1.00
- NO. 6504-4 Rethreader Die. M22x 1.50
- NO. 6504-5 Rethreader Die. M20x 1.50
- NO. 6504-6 Rethreader Die. 3/4"x 20
- NO. 6504-7 Rethreader Die. 13/16"x 20
- NO. 6504-8 Rethreader Die. M20x 1.25
- Blow case and color box



36 PCS/21 KGS/22 KGS/2.4'



ENGINE TOOLS

> ITEM NO. 57103166

FUEL SYSTEM TOOL SET

- General applications
 - 1.6228-1 3 mm Hex: ZENITH(stromberg) 150 cd3, JAGUAR, LOTUS, MG, LAND ROVER, RANGE ROVER AND SAAB
 - 2.6228-2 145 mm Flexible extension
 - 3.6288-3 Handle
 - 4.6288-4 Bit set: tx 20 FORD w carbs, fuel pumps, etc. 3 mm Hex, 'k' jetronic, 5 mm hex 'l' jetronic, 3 mm flat, 5 mm flat, crosspoints no 1 & 2 pozidrive no 1 & 2 1/4" a/f sq. dr. convertor
 - 5.6228-5 95 mm Extension
 - 6.6228-6 FORD: Weber tldm, dftm, 2v, tml, tld, dft, etc. FORD fiesta, escort and orion 1989
 - 7.6228-7 17 mm(0.6") Su/su hif. ROVER mini and metro
 - 8.6228-8 0.34", 1/2" Su/su hif. ROVER mini and metro
 - 9.6228-9 ZENITH cd, OPEL/VAUXHALL
 - 10.6228-10 ZENITH(stromberg) cd LAND ROVER, SAAB, VAUXHALL and VOLVO
 - 11.6228-11 NIKKI, HITACHI, NISSAN and SUBARU
 - 12.6228-12 ZENITH
 - 13.6228-13 AISAN and MIKUNI. TOYOTA, and MITSUBISHI
- Blow case and color box



12 SETS/16 KGS/17 KGS/1.9'

> ITEM NO. 57103167

9 PCS CARBURETTOR TUNING SET

- A comprehensive specialized tool kit covering most popular carburettor and fuel injection systems.
- CONTENTS:
 - 6228-15 BOSCH K-tronic mixture adjustment
 - 6228-09 Bottom fitting cd and cds
 - 6236-01 Tamperproof mixture adj-FORD cvh
 - 6236-02 Weber 0.8 x 4 mm blade
 - 6236-06 Stromberg dual purpose tool
 - 6236-03 AISAN and MIKUNI/TOYOTA venturi
 - 6236-04 NIKKI and HITACHI - DATSUN/SUBARU
 - 6236-05 Float needle valve spanner
 - 6236-16 BOSCH L-tronic mixture adjustment
- Blow case and color box



24 PCS/15.5 KGS/16.5 KGS/2.7'



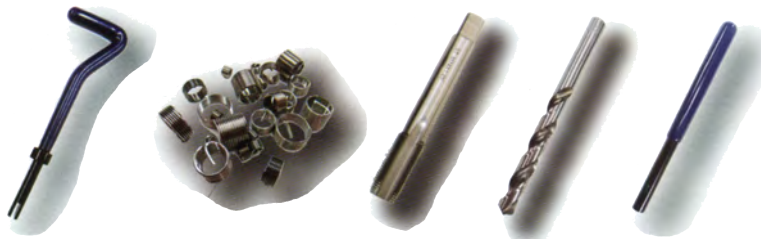
G13 - SCREW EXTRACTOR SETS

INDUSTRIAL SUPPLIES

G “ INDUSTRIAL SUPPLIES



THREADED COIL-INSERT REPAIR KITS



ITEM NO. 57104935 (METRIC) 130PCE THREADED COIL - INSERT REPAIR KIT

- Packing: 8/CTN/20 kgs/21 kgs/ 0.9'
- Unit packing: Metal Storage Box
- Box size: 35.7 x 23.5 x 2.8 cm

METRIC

M5 × 0.8 × 1.5D (L: 7.5 mm)
M6 × 1.0 × 1.5D (L: 9 mm)
M8 × 1.25 × 1.5D (L: 12 mm)
M10 × 1.5 × 1.5D (L: 15 mm)
M12 × 1.75 × 1.5D (L: 18 mm)



ITEM NO. 57104936 (INCH) 130PCE THREADED COIL - INSERT REPAIR KIT

- Packing: 8/CTN/20 kgs/21 kgs/ 0.9'
- Unit packing: Metal Storage Box
- Box size: 35.7 x 23.5 x 2.8 cm

INCH

1/4-20 × 1.5D (L: 0.375)
5/16-18 × 1.5D (L: 0.469)
3/8-16 × 1.5D (L: 0.562)
7/16-14 1.5D (L: 0.656)
1/2-13 × 1.5D (L: 0.75)



ITEM NO. 57104937 (METRIC) 42PCE THREADED COIL - INSERT REPAIR KIT

- Packing: 12/CTN/16.4 kgs/17.4 kgs/ 0.8'
- Unit packing: Metal Storage Box
- Box size: 23.8 x 22 x 2.8 cm

METRIC

M6 × 1.0 × 1.5D (L: 9 mm)
M8 × 1.25 × 1.5D (L: 12 mm)
M10 × 1.25 × 1.5D (L: 15 mm)



ITEM NO. 57104938 (METRIC) 87PCE THREADED COIL - INSERT REPAIR KIT

- Packing: 12/CTN/17.4 kgs/18.4 kgs/ 0.8'
- Unit packing: Metal Storage Box
- Box size: 23.8 x 22 x 2.8 cm

METRIC

M6 × 1.0 × 1.5D (L: 9 mm)
M8 × 1.25 × 1.5D (L: 12 mm)
M10 × 1.5 × 1.5D (L: 15 mm)



ITEM NO. 57104939 (METRIC) 115PCE THREADED COIL - INSERT REPAIR KIT

- Packing: 8/CTN/21.4 kgs/22.4 kgs/ 0.9'
- Unit packing: Metal Storage Box
- Box size: 23.8 x 22 x 2.8 cm

METRIC

M6 × 1.0 × 1.5D (L: 9 mm)
M8 × 1.25 × 1.5D (L: 12 mm)
M10 × 1.5 × 1.5D (L: 15 mm)
M12 × 1.25 × 1.5D (L: 18 mm)
M14 × 1.25 × 1.5D (L: 20 mm)



• PLEASE CHECK PRE - THREADED COLL - INSERT SIZE LIST.



THREADED COIL-INSERT REPAIR KITS



1. Main Tool:
Material: Steel
with heat treatment, electro - coating
handle with coating
2. Screw - Coil:
Material: Stainless steel SUS304
finish with heat treatment
3. Tap:
Material: HSS
finish with heat treatment
4. Drill:
Material: HSS
5. Tang Puncher:
Material: Carbon steel

HOW TO SEE



WHERE TO USE?



ITEM NO. 57104940 - 24PCS THREADED COIL - INSERT REPAIR KITS (PRODUCT DIMENSIONS)

MODEL	① MAIN TOOL	② SCREW- COIL	③ TAP	④ DRILL (mm)	⑤ TANG PUNCHER	UNIT WEIGHT	PACKING LIST	ABS BOX SIZE
HR200024VA-0305-C	M3 × 0.5	M3 × 0.5 × 1.5D(L:4.5mm) -20 PCE	M3 × 0.5	3.2	M3 × 0.5	106g	12/72/CTN/7.6/8.6/KGS/0.9'	14.2 x 8 x 1.9 cm
HR200024VA-0407-C	M4 × 0.7	M4 × 0.7 × 1.5D(L:6mm) -20 PCE	M4 × 0.7	4.2	M4 × 0.7	114g	12/72/CTN/8.2/9.2/KGS/0.9'	14.2 x 8 x 1.9 cm
HR200024VA-0508-C	M5 × 0.8	M5 × 0.8 × 1.5D(L:7.5mm) -20 PCE	M5 × 0.8	5.2	M5 × 0.8	123g	12/72/CTN/8.9/9.9/KGS/0.9'	14.2 x 8 x 1.9 cm
HR200024VA-0610-C	M6 × 1.0	M6 × 1.0 × 1.5D(L:9mm) -20 PCE	M6 × 1.0	6.3	M6 × 1.0	154g	12/72/CTN/11.1/12.1/KGS/0.9'	14.2 x 8 x 1.9 cm
HR200024VA-0710-C	M7 × 1.0	M7 × 1.0 × 1.5D(L:10.5mm) -20 PCE	M7 × 1.0	7.3	M7 × 1.0	164g	12/72/CTN/11.8/12.8/KGS/0.9'	14.2 x 8 x 1.9 cm
HR200024VA-08125-C	M8 × 1.25	M8 × 1.25 × 1.5D(L:12mm) -20 PCE	M8 × 1.25	8.3	M8 × 1.25	268g	10/40/CTN/10.7/11.7/KGS/0.9'	14.6 x 10.5 x 2.6 cm

ITEM NO. 57104941 - 19PCS THREADED COIL - INSERT REPAIR KITS (PRODUCT DIMENSIONS)

MODEL	① MAIN TOOL	② SCREW- COIL	③ TAP	④ DRILL (mm)	⑤ TANG PUNCHER	UNIT WEIGHT	PACKING LIST	ABS BOX SIZE
HR200019VA-09125-C	M9 × 1.25	M9 × 1.25 × 1.5D(L:13.5mm) -15 PCE	M9 × 1.25	9.3	M9 × 1.25	288g	10/40/CTN/11.5/12.5/KGS/0.9'	14.6 x 10.5 x 2.6 cm
HR200019VA-1010-C	M10 × 1.0	M10 × 1.0 × 1.5D(L:15mm) -15 PCE	M10 × 1.0	10.4	M10 × 1.0	323g	10/40/CTN/12.9/13.9/KGS/0.9'	14.6 x 10.5 x 2.6 cm
HR200019VA-10125-C	M10 × 1.25	M10 × 1.25 × 1.5D(L:15mm) -15 PCE	M10 × 1.25	10.4	M10 × 1.25	328g	10/40/CTN/13.1/14.1/KGS/0.9'	14.6 x 10.5 x 2.6 cm
HR200019VA-1015-C	M10 × 1.5	M10 × 1.5 × 1.5D(L:15mm) -15 PCE	M10 × 1.5	10.4	M10 × 1.5	337g	10/40/CTN/13.5/14.5/KGS/0.9'	14.6 x 10.5 x 2.6 cm

ITEM NO. 57104942 - 14PCS THREADED COIL - INSERT REPAIR KITS (PRODUCT DIMENSIONS)

MODEL	① MAIN TOOL	② SCREW- COIL	③ TAP	④ DRILL (mm)	⑤ TANG PUNCHER	UNIT WEIGHT	PACKING LIST	ABS BOX SIZE
HR200014VA-1115-C	M11 × 1.5	M11 × 1.5 × 1.5D(L:16.5mm) -10 PCE	M11 × 1.5	11.4	M11 × 1.5	345g	10/40/CTN/13.8/14.8/KGS/0.9'	14.6 x 10.5 x 2.6 cm
HR200014VA-12125-C	M12 × 1.25	M12 × 1.25 × 1.5D(L:18mm) -10 PCE	M12 × 1.25	12.4	M12 × 1.25	439g	10/40/CTN/17.6/18.6/KGS/0.9'	14.6 x 10.5 x 2.6 cm
HR200014VA-1215-C	M12 × 1.5	M12 × 1.5 × 1.5D(L:18mm) -10 PCE	M12 × 1.5	12.4	M12 × 1.5	449g	10/40/CTN/18/19/KGS/0.9'	14.6 x 10.5 x 2.6 cm
HR200014VA-12175-C	M12 × 1.75	M12 × 1.75 × 1.5D(L:18mm) -10 PCE	M12 × 1.75	12.4	M12 × 1.75	457g	10/40/CTN/18.3/19.3/KGS/0.9'	14.6 x 10.5 x 2.6 cm

ITEM NO. 57104943 - 12PCS THREADED COIL - INSERT REPAIR KITS (PRODUCT DIMENSIONS)

MODEL	① MAIN TOOL	② SCREW- COIL	③ TAP	④ DRILL (mm)	⑤ TANG PUNCHER	UNIT WEIGHT	PACKING LIST	ABS BOX SIZE
HR200012VA-14125-C	M14 × 1.25	M14 × 1.25 × L:20mm -10 PCE	M14 × 1.25	X	X	326g	10/40/CTN/13/14/KGS/0.9'	14.6 x 10.5 x 2.6 cm
HR200012VA-1415-C	M14 × 1.5	M14 × 1.5 × 1.5D(L:21mm) -10 PCE	M14 × 1.5	X	X	330g	10/40/CTN/13.2/14.2/KGS/0.9'	14.6 x 10.5 x 2.6 cm



G “ INDUSTRIAL SUPPLIES



THREADED COIL-INSERT REPAIR KITS

FOR PIPE TYPE



ITEM NO. 57104944 (METRIC)

127PCS THREADED COIL - INSERT REPAIR KIT

- Packing: 8/CTN/19.5 kgs/20.5 kgs/ 0.9'
- Unit packing: Metal Storage Box
- Box size: 35.7 x 23.5 x 2.8 cm

METRIC

M5 × 0.8 × 1.5D (L: 7.5 mm)
M6 × 1.0 × 1.5D (L: 9 mm)
M8 × 1.25 × 1.5D (L: 12 mm)
M10 × 1.5 × 1.5D (L: 15 mm)
M12 × 1.75 × 1.5D (L: 18 mm)



ITEM NO. 57104945 (INCH)

127PCS THREADED COIL - INSERT REPAIR KIT

- Packing: 8/CTN/20 kgs/21 kgs/ 0.9'
- Unit packing: Metal Storage Box
- Box size: 35.7 x 23.5 x 2.8 cm

INCH

1/4-20 × 1.5D (L: 0.375)
5/16-18 × 1.5D (L: 0.469)
3/8-16 × 1.5D (L: 0.562)
7/16-14 1.5D (L: 0.656)
1/2-13 × 1.5D (L: 0.75)



- PLEASE CHECK PRE - THREADED COLL - INSERT SIZE LIST.

