

PIPING SOLUTIONS

REX

2016 / 2017

PRODUCT LINE UP



บริษัท ไทยพัฒนสิน ควอลิตี้ ทูลส์ จำกัด

THAI PHATANASIN QUALITY TOOLS CO., LTD.

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NP50A / NR50A Series

8A - 50A (1/4" - 2")

Standard Model 1/2" - 2"

A best seller among compact machines!

- Small but powerful 700 W series motor.
- Easy to use, high productivity, excellent portability - only 48 kg.
- Pipe size can be adjusted simply by turning the lever nut.
- Thread length can be adjusted by just changing the lever contact (except Manual Die Head)
- NR50A and NR50AV supports #300 die heads and dies.



5075 Roller Blade for PLP (option)

Standard Accessories:

- Carbon Brushes 1 pair, Cutting Oil (50W-R) 2 L
- Hex key-wrench 3-4-5-6 mm, Dies 1/2"-3/4", 1"-2" 1 set each
- Die Head 1/2"-2"

	Code No.	Model	Voltage	Rotation	Dies type	Die Head	Remarks
NP50A	218620	NP50A	220 V	R only	BSPT	Manual 1/2" - 2"	
	218621	NP50A	110 V	R only	BSPT	Manual 1/2" - 2"	no legs
	218231	NP50AV	220 V	R only	BSPT	NV-auto 1/2" - 2"	
NP50AV	218235	NP50AV	220 V	R only	NPT	NV-auto 1/2" - 2"	
	218232	NP50AV CE	230 V	R/L	BSPT	NV-auto 1/2" - 2"	with Foot Switch
	218233	NP50AV	110 V	R only	BSPT	NV-auto 1/2" - 2"	no legs
	218234	NP50AV	220 V	R only	BSPT	Uni-auto 1/2" - 2"	PLP
	218237	NP50AV CE	110 V	R/L	BSPT	NV-auto 1/2" - 2"	with Foot Switch
	218238	NP50AV	220 V	R only	BSPT	Uni-auto 1/2" - 2"	
	218240	NP50AV	220 V	R only	BSPT	NV-auto 1/2" - 2"	G-plug
	218211	NR50AV	220 V	R only	BSPT	NV-auto R 1/2" - 2"	
NR50AV*	218214	NR50AV	220 V	R only	NPT	NV-auto R 1/2" - 2"	
	218216	NR50AV	220 V	R only	BSPT	NV-auto R 1/2" - 2"	G-plug
	218212	NR50AV CE	230 V	R/L	BSPT	NV-auto R 1/2" - 2"	with Foot Switch
	218215	NR50AV	120 V	R only	NPT	NV-auto R 1/2" - 2"	
	218213	NR50AV CE	110 V	R/L	BSPT	NV-auto R 1/2" - 2"	with Foot Switch
NR50A*	218650	NR50A CE	110 V	R/L	BSPT	Manual R 1/2" - 2"	with Foot Switch

*Caution: The NR50A and NR50AV do not support die heads and dies of other REX models.

Threading Capacity (in.)	Motor Voltage (50/60 Hz) AC (V)	Motor Single-Phase (Series 700 W)	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
1/4 - 2	110-120 or 220-230	Input 1600 W Output 1000 W	39	48	700 x 440 x 408

* without DH

NP80A Series

8A - 80A (1/4" - 3")

Standard Model 1/2"-3"

A machine that gives you the best finish you've ever seen!

Based on a totally new concept, the NP80A is designed to be user-friendly, easily maintained and completely reliable. A machine you can really trust.

Easy to use, high productivity, excellent portability.

A machine that gives you total control and satisfaction on the job.



NP80A
274670



NV-auto Die Head
(for 1/2"-2" pipe)
NP80AV/AVII

Makes a smooth, beautifully finished tapered thread with ease.



NP80ACE
274672

Standard Accessories:

- Carbon Brushes 1 pair, Cutting Oil (50W-R) 4 L
- Hex key-wrench 3-4-5-6 mm, Dies 1/2"-3/4", 1"-2", 2 1/2"-3" 1 set each
- Die Head 1/2"-2", 2 1/2"-3" one each



Manual Die Head
(for 1/2"-2" pipe)
NP80A



Manual Die Head
(for 2 1/2"-3" pipe)
NP80A/AV



Uni-auto Die Head
(for 1/2"-2" pipe)
NP80AV/AVII



Self-opening Die Head
(for 2 1/2"-3" pipe)
NP80AVII



The die head is fitted with a micro fine-adjustment dial to simplify fine-adjustment of the thread for each size of pipe.
(Self-opening Die Head)

	Code No.	Model	Voltage	Rotation	Die type	Die Head	Remarks
NP80A	274670	NP80A	220 V	R only	BSPT	Manual 1/2" - 2" + Manual 2 1/2" - 3"	
	274672	NP80ACE	110 V	R/L	BSPT	Manual 1/2" - 2" + Manual 2 1/2" - 3"	with Foot Switch
	274673	NP80A	110 V	R only	BSPT	Manual 1/2" - 2" + Manual 2 1/2" - 3"	no legs
NP80AV	274750	NP80AV	220 V	R only	BSPT	NV-auto 1/2" - 2" + Manual 2 1/2" - 3"	G-plug
	274751	NP80AV CE	230 V	R/L	BSPT	NV-auto 1/2" - 2" + Manual 2 1/2" - 3"	with Foot Switch
	274752	NP80AV	220 V	R only	BSPT	Uni-auto 1/2" - 2" + Manual 2 1/2" - 3"	
	274753	NP80AV	220 V	R only	NPT	NV-auto 1/2" - 2" + Manual 2 1/2" - 3"	
	274754	NP80AV	220 V	R only	BSPT	NV-auto 1/2" - 2" + Manual 2 1/2" - 3"	
NP80AVII	274701	NP80AVII CE	230 V	R/L	BSPT	NV-auto 1/2" - 2" + Self-opening 2 1/2" - 3"	with Foot Switch
	274702	NP80AVII	220 V	R only	BSPT	Uni-auto 1/2" - 2" + Self-opening 2 1/2" - 3"	

Threading Capacity (in.)	Voltage (50/60 Hz) AC (V)	Motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
1/4 - 3	110-120 or 220-230	Input 1600 W Output 1000 W	29	67	690 x 490 x 423

* without DH

N100A

8A - 100A (1/4" - 4")

Standard Model 1/2"-4"

Efficient 3-speed transmission speeds up your work.

- Less than 100 sec to make a perfect 4" pipe taper thread. Less than 20 sec for a 1" pipe taper thread.
- Uni-auto Die Head for 1/2 - 2" pipe. Dies are compatible with NP50A/NP80A Manual Die Heads and Uni-auto Die Heads.
- Profiling Die Head for 2 1/2 - 4" pipe. REX original profiling system enables precise, straight tapers, with 20 mm dies performing at higher speed and requiring less power consumption.
- Quick adjustable cutter.
- Quiet, maintenance-free condenser motor.
- Built-in tool box is convenient for on-site work.
- Large-capacity scrap catcher.
- Threading size, thread length, and microfine adjustment of thread diameter can all be adjusted easily.
- Compact and lightweight for its class (123 kg), it can be set up by just two people.
- NV-auto and Manual Die Heads can be mounted as options.



The condenser motor is quiet yet very powerful. As it does not use carbon brushes, it is basically maintenance free.

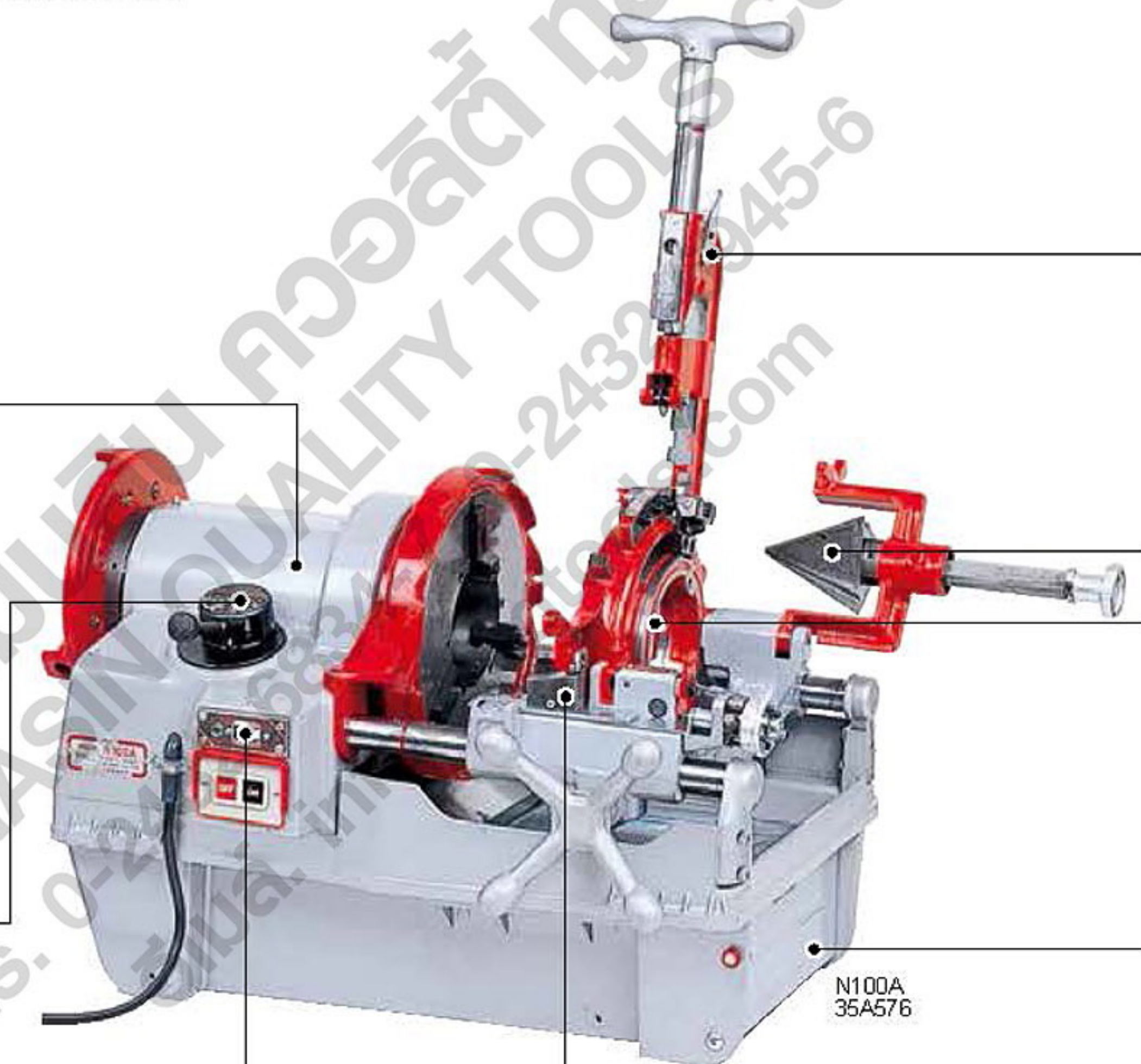


A choice of 3 speeds enables you to select the best speed for the size of pipe.

Model with voltage shift switch available. (35A576/35A602)



With REX' original profiling system, you can make accurate tapers and easily adjust thread length.





The cutter has a built-in function for quick adjustment to the pipe diameter.



Round cone based reamer (2 blades)



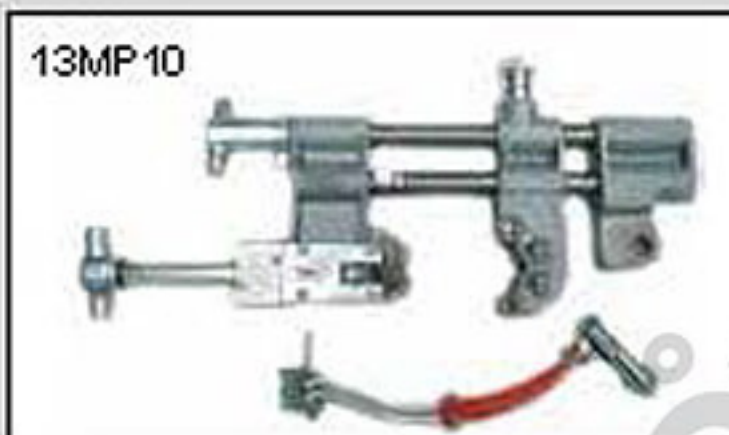
With 20 mm-wide profiling dies, the load is reduced, which makes it easy on the motor.



Built-in tool box

BLADE-TYPE CUTTER (Option)

Blade-type cutter for plastic lined pipe, and hard and thick pipe



Blade
13B846



Blade-type cutter on N100A



Uni-auto Die Head
(for 1/2"-2" pipe)



Profiling Die Head
(for 2 1/2"-4" pipe)



N100A CE
35A513

Standard Accessories:

- Cutting Oil (246-R or 50W-R) 4 L
- Hex key-wrench 3-4-5-6-8 mm,
- Dies 1/2"-3/4", 1"-2", 2 1/2"-4" 1 set each
- Die Head 1/2"-2", 2 1/2"-4" one each

Code No.	Voltage	Dies type	Remarks
35A570	220 V 50 Hz	BSP T	
35A576	110/220 V 60 Hz	BSP T	
35A578	110 V 60 Hz	BSP T	no legs
35A580	220 V 50/60 Hz	NPT	
35A591	220 V 60 Hz	BSP T	G-plug
35A599	120 V 60 Hz	NPT	
35A513	230 V 50 Hz	BSP T	CE+Foot Switch
35A602	110/220 V 50 Hz	BSP T	CE+Foot Switch
35A5H0	230 V 50 Hz	NPT	CE+Foot Switch

· Die Head: Uni auto 1/2"-2" + Profiling 2 1/2"-4"

Threading Capacity (in.)	Voltage (50 or 60 Hz) AC (V)	Motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
1/4 - 4	110/220 - 230 or 120	Condenser 750 W or 1000 W	43 (1/2" - 3/4")	123	873 x 635 x 558
			24 (1" - 2")		
			13 (2 1/2" - 4")		

* without DH

NS25A

8A - 25A (1/4" - 1")

Standard Model 1/2"-1"

The mighty lightweight - weighing only 19.8 kg!
Built-in safety features, too!

- Motor employs a brake to enhance the safety of the machine.
- Powerful motor completes a thread in only 16 seconds.
- Special bearing used for the main shaft bearing.
- Excellent durability provides improved machine service life and precision.
- Can easily be carried with just one hand!
- New self-opening die head for greater precision.
(notch type NS25AIII only)

Standard Accessories:

- Carbon Brushes 1 pair, Cutting Oil (246-R) 0.5 L x 4
- Hex Key-wrench 3-5 mm, Dies 1/2"-3/4", 1" 1 set each
- Die Head 1/2"-1"



	Code No.	Die Head	Voltage	Dietype
NS25A	205051	Manual 1/2" - 1"	220 V	BSPT
	205053	Manual 1/2" - 1"	220 V	NPT
NS25AW	205052	Manual 1/2" - 1"	220 V	BSW
NS25AIII	205050	Self-opening 1/2" - 1"	110 V	BSPT / HSS
	205061	Self-opening 1/2" - 1"	220 V	BSPT
	205062	Self-opening 1/2" - 1"	220 V	NPT
	205063	Self-opening 1/2" - 1"	120 V	NPT



Switch protects die head from touching hand wheel



Cord pocket functions as hand grip, too.



Easy to carry

Threading Capacity (in.)	Voltage (50/60 Hz) AC (V)	Motor	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
1/4" - 1"	110-120 or 220	Single-Phase Series motor (400 W)	55	19.8	450 x 320 x 350

* without DH

S40A

8A - 40A (1/4" - 1 1/2")

Standard Model 1/2"-1 1/2"

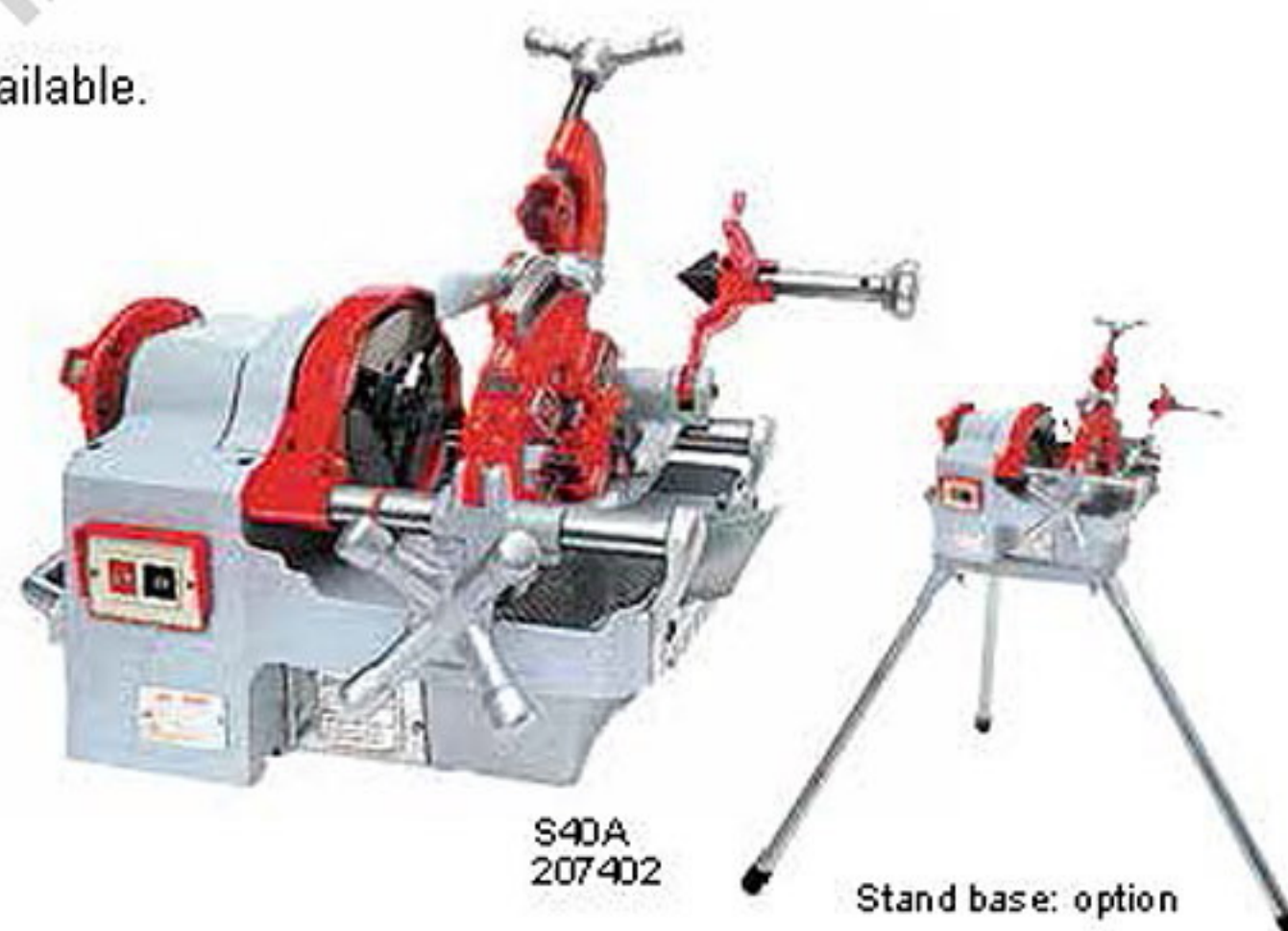
The lighter touch!

- Small but powerful 500 W series motor.
- Easy to use, high productivity, excellent portability - only 36.8 kg.
- Both Manual Opening (S40A) and Uni-auto (S40AV) Die Heads available.
- Pipe size can be adjusted simply by turning the lever nut.
- Thread length can be adjusted just by changing the lever contact.
(Uni-auto Die Head)
- Die-cast body allows high precision and stable threading.
- A machine backed by a history of perfection.

Standard Accessories:

- Carbon Brushes 1 pair, Cutting Oil (246-R or 50W-R) 2L
- Hex Key-wrench 3-5mm, Dies 1/2"-3/4", 1"-1 1/2" 1 set each
- Die Head 1/2"-1 1/2"

	Code No.	Die Head	Voltage	Dietype
S40A	207402	Manual 1/2" - 1 1/2"	110 V	BSPT / SUS
S40AV	207540	Uni-auto 1/2" - 1 1/2"	110 V	BSPT / SUS



S40A 207402

Stand base: option

Threading Capacity (in.)	Voltage (50/60 Hz) AC (V)	Motor	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
1/4" - 1 1/2"	110	Single-Phase Series motor (500 W)	56	32	540 x 345 x 355

* without DH

150A

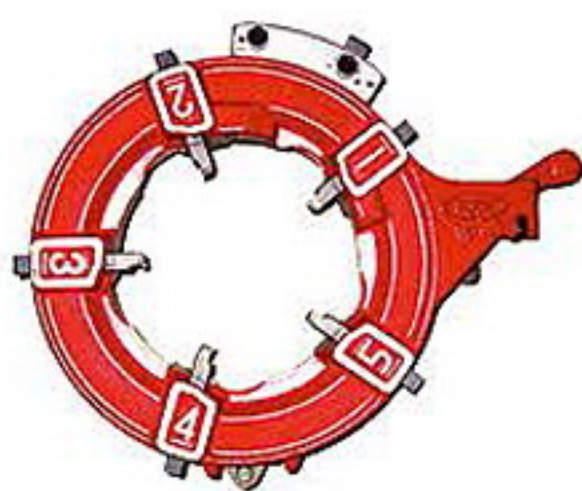
65A - 150A (2½" - 6")

Large-diameter pipe threading machine.

- Uses condenser motor for quiet operation.
- Efficient 2-speed transmission speeds up work.
- Powerful hammer chuck holds large-diameter pipes securely.
- Uses notch profiling die head, suitable for threading large-diameter pipes.
- The notch profiling die head has low cutting resistance for optimum threading of large-diameter pipes.
- Threading size, thread length and microfine adjustment of thread diameter can all be adjusted easily.



Profiling Die Head
(for 2½"-4" pipe)



Profiling Die Head
(for 5"-6" pipe)



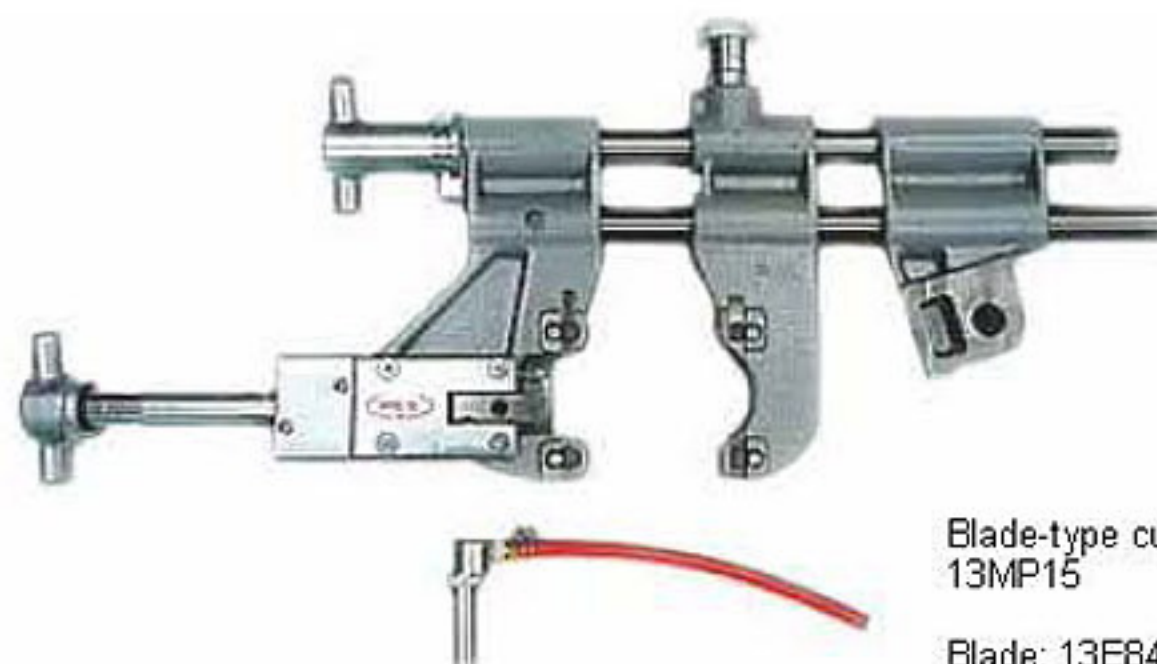
150A
366500

Standard Accessories:

- Cutting Oil (246-R or 50W-R) 4 L
- Hex key-wrench 3-4-5-6-8 mm, Dies 2½"-4", 5"-6" 1 set each
- Die head 2½"-4", 5"-6" one each

Code No.	Voltage	Dies type	Remarks
366500	220 V 50Hz	BSPT	
366602	220 V 60Hz	BSPT	G-plug
366616	220 V 60Hz	NPT	
366617	120 V 60Hz	NPT	

· Die head: Profiling 2½" - 4" + Profiling 5" - 6"



Blade-type cutter (Option)
13MP15

Blade: 13E846

Threading Capacity (in.)	Voltage (50 or 60 Hz) AC (V)	Motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
2½ - 6	120 or 220	Condenser 750 W	2½" - 3" : 18 (50Hz) , 22 (60Hz)	170	930 x 688 x 590
			3½" - 6" : 6 (50Hz) , 7 (60Hz)		

* without DH

CASTER, THREADER CART



Code No.	Model	Remarks
1702AJ	N100A Caster	for N100A
1702AU	150A Caster	for 150A
170245*	Threader Cart	without Adapter
170255	Adapter P50A	for N50A / P50A / R50A
170266	Adapter NP50A	for NP50A / NR50A
170265	Adapter S80A	for N80A / S80A / NP80A

* discontinued



CUTTER WHEELS for threading machines



Code No.	Type (Product name)	Use
135076	Cutter wheels for threading machines (40A-150A)	Steel pipe
135070	Cutter wheels for threading machines (20A-25A)	
135077	Cutter wheels for stainless steel pipe (40A-150A)	Stainless steel pipe
135071	Cutter wheels for stainless steel pipe (20A-25A)	

MAGNETER



The most suitable tool for removing scrap from the machine oil tank (Magnet).

Code No.	Type (Product name)	Dimensions (mm)	Weight (g)
17027A	Magnet	Φ60 x Φ98 x 198	270

1/4" - 3/8" Die-head Holder

Enables 1/4" - 3/8" self-opening die heads to be used on your existing 40A-100A machines.



NS25A SOD10A Die-head (option)



Model	Code No.	Appropriate machine
1/4" - 3/8" Die-head Holder	170020	S40A, P50A, NP50A, S80A, NP80A, N100A

NIPPLE ATTACHMENT

15A - 100A (1/2" - 4")



Saves wasting short pipes. Suitable for internally coated pipes.

Code No.		Type (Model)	Size	Shortest length (mm)	Weight (kg)
BSPT	NPT				
1701NL	—	Nipple attachment 3/8"	10A	55	1.5
1701NA	1701N0	Nipple attachment 1/2"	15A	45	1.5
1701NB	1701N1	Nipple attachment 3/4"	20A	50	1.5
1701NC	1701N2	Nipple attachment 1"	25A	55	1.5
1701ND	1701N3	Nipple attachment 1 1/4"	32A	65	1.9
1701NE	1701N4	Nipple attachment 1 1/2"	40A	65	1.9
1701NF	1701N5	Nipple attachment 2"	50A	70	2.0
1701NG	1701N6	Nipple attachment 2 1/2"	65A	75	3.2
1701NH	1701N7	Nipple attachment 3"	80A	80	3.5
1701NK	1701N9	Nipple attachment 4"	100A	100	4.6
—	—	Nipple attachment T-wrench	M10x17	—	—

THREAD GAUGES

15A - 150A (1/2" - 6")



For checking male taper threads BSPT.

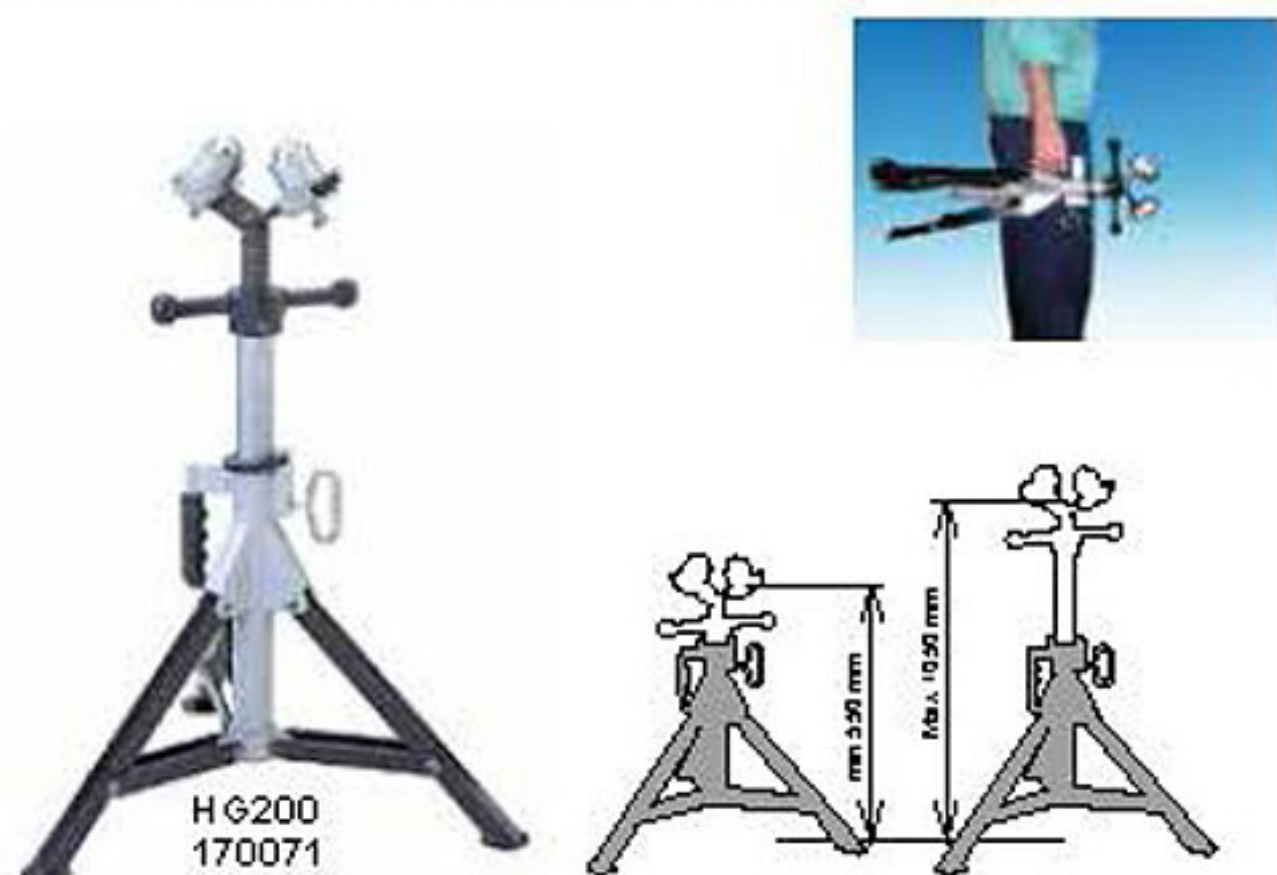
Code No.	Type (Model)	Size
473001	Thread Gauge Set 1/2"-1"	15A, 20A, 25A with metal case
473002	Thread Gauge Set 1/2"- 2" **	15A, 20A, 25A, 32A, 40A, 50A
473010	Thread Gauge 1/2"	15A
473011	Thread Gauge 3/4"	20A
473012	Thread Gauge 1"	25A
473013	Thread Gauge 1 1/4"	32A
473014	Thread Gauge 1 1/2"	40A
473015	Thread Gauge 2"	50A
473016	Thread Gauge 2 1/2"	65A
473017	Thread Gauge 3"	80A
473019	Thread Gauge 4"	100A
473020*	Thread Gauge 5"	125A
473021*	Thread Gauge 6"	150A

* Produced to order ** with plastic case

• Refer to Pg. 61 (Thread Inspection) for how to use the thread gauge

PIPE SUPPORT HG200

25A - 200A (1" - 8")



Code No.	Type (Product name)	Height (mm)	Applicable Pipe (in.)
170071	Pipe Support HG200	550 - 1050	1 - 8

PIPE SUPPORT LG150 / LG300

25A - 300A (1" - 12")



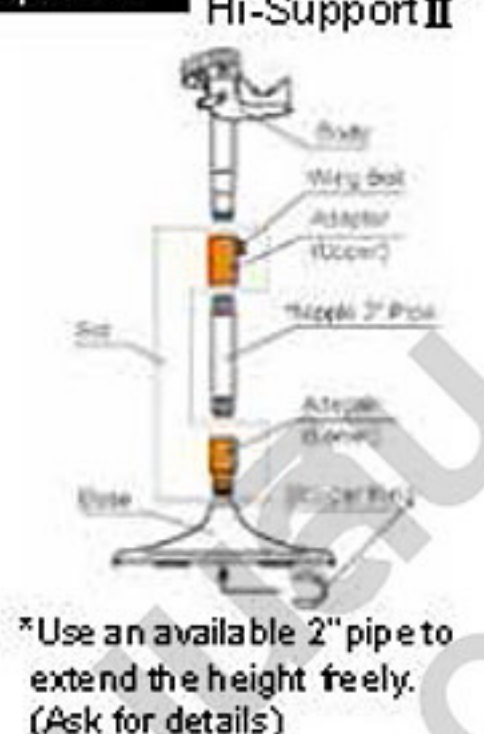
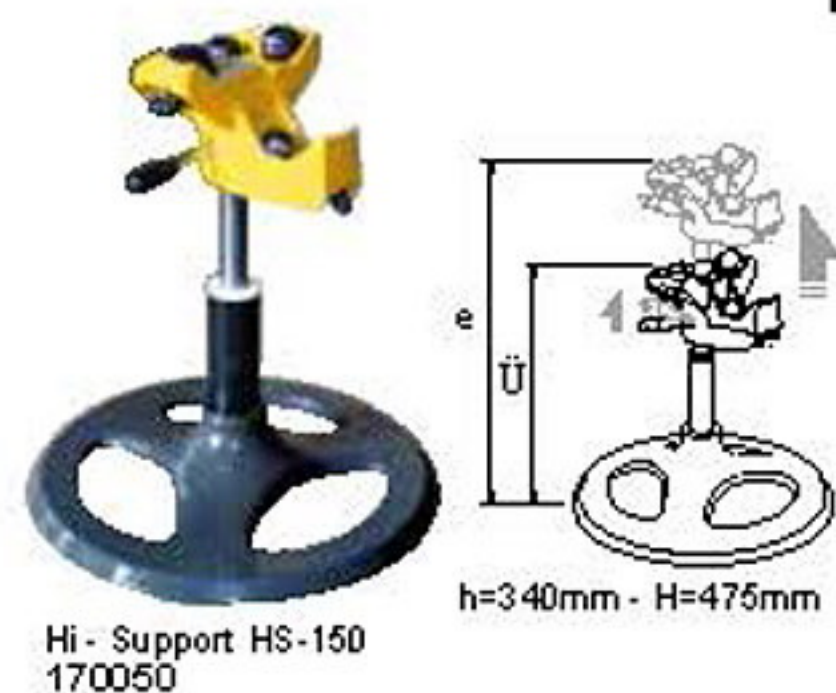
Code No.	Type (Product name)	Height (mm)	Applicable Pipe (in.)
341109	Pipe Support LG150	629.5 - 794.5	1 - 6
341110	Pipe Support LG300	471 - 668	8 - 12

Hi-SUPPORT HS-150

25A - 150A (1" - 6")

Height can easily be adjusted with strangle lever thanks to a special gas spring.

Option ADAPTER for Hi-Support II



Code No.	Type (Product name)	Height (mm)	Applicable Pipe (in.)
170050	Hi - Support HS-150	340 - 475	1 - 6
170056	ADAPTER II	-	-

NS25A SUPPORT

8A - 25A (1/4" - 1")



Code No.	Type (Product name)	Height (mm)	Applicable Pipe (in.)
170030	NS25A Support	165 - 230	1/4 - 1

Chuck Jaw Insert Table

Chuck Type	Chuck jaw insert type	Image	Current Machine	Old Machine
RT-type	RT50A-80A(70RT)		-	32A mini 40A 50ADX 80ADX N50A Non-CE N80A Non-CE S80A Non-CE
	RT100A-150A(A0RT)		N100A Non-CE 150A	90A III 100ADX
	NS type (G0 NS)		NS25A	N40A CE
	RS type 100A-150A(A0RS)		N100A CE	-
K-type	S type 40A-90A(70KS)		NP50A NR50A NP80A	N50A CE P50A(V) R50A(V) N80A CE 90A II EU mini 40A after Jun 1983 S80A CE, TW

Current Machine	Brush Code
NS25A, S40A	MYM2
N P/NR50A, NPG 150, NP80A	PMM10
RG150	FM10

Old Machine	Brush Code
N25A	TYM2
N40A	GM10
N50A, P50A, R50A	NM10
N80A, S80A	FM10
80ADX	7M10



70KS Chuck Jaw Insert Set



CUTTING OIL - PROVIDES SUPERIOR COOLING

4, 16, 18, 200 L

Cutting oil cools the workpiece to produce a superior threading finish.

Genuine REX Cutting Oil for REX Pipe Threading Machines



Using the right oil means consistent finishes and increases the life of the dies. (Refer to Pg. 61)

REX cutting oil does not use environmental endocrine disrupters stated in the PRTR protocol* (June, 2002).

* PRTR: (Pollutant Release and Transfer Register)

You can download SDS (Safety Data Sheet) regarding REX Thread Cutting Oil from REX' homepage (www.rexind.co.jp).



(JWWA K-137)
Japan Water Works
Association Standard



183003



183001

50W-R

Water washable, suitable for mains water pipes that need washing after threading.



183012



183011

100SW-R

A special oil developed for use with stainless steel pipes requiring an extremely high lubrication oil.



186610



181613

246-R

An oil for general plumbing use suitable for both lubricating and cooling. Especially useful when cutting at low speed.

Code No.	Name	Quantity	Remarks
181613	246-R	4 L	Standard
186610	246-R	16 L	
186611	246-R	200 L	
181714	N246	200 L	Special export
183001	50W-R	4 L	Water washable
183003	50W-R	16 L	
183004	50W-R	200 L	
181703	N50W	16 L	Water washable Special export
181704	N50W	200 L	
183011	100SW-R	4 L	For Stainless Steel Pipe only
183012	100SW-R	16 L	
183013	100SW-R	200 L	

Compatibility table

Model	50W-R	N50W	246-R	N246	100SW-R
Use	Stainless Steel Pipe				●
	General Plumbing	●	●	●	
	Mains Water Supply	●	●		
Special Functions	Threading Finish	●	●	●	●
	Pipe Washing Finish	●	●		●
	Cooling	●	●	●	●
	Lubrication	●	●	●	●
SDS		●	●	●	●

Die Head and Dies Table R50A / NR50A

Die Head Table

Thread Type	DH type	Capacity	#300 eq. DH	REX Code No	Plate	Width
BSPT	Manual R	1/8"-2"	811A BSPT	295680	RH03	27 mm
	Uni-Auto R	1/2"-2"	815A BSPT	290802*	N696	27 mm
	NV-Auto R	1/2"-2"	815A BSPT	292804	NR86	27 mm
NPT	Manual R	1/8"-2"	811A NPT	295680	RH03	27 mm
	Uni-Auto R	1/2"-2"	815A NPT	292800*	N677	27 mm
	NV-Auto R	1/2"-2"	815A NPT	292802	NR86	27 mm

* discontinued

Dies Table

ISO 7-1 (JIS B0203) <R> British Standard Pipe thread:Tapered

				#300	REX	#300	REX	REX	Wheeler	Wheeler	
BSPT	Tpi	Angle	Width	RH.Alloy	Alloy	RH.HSS	HSS	"ARK"	"ARK"WH	HSSWH	DH
1/8"	28	55	27 mm	66655	-	66770	-	-	-	-	-
1/4"-3/8"	19	55	27 mm	66660	-	66775	-	-	-	-	-
1/2"-3/4"	14	55	27 mm	66665	161353	18980	161357	166360*	-	-	295680 290802* 292804
1"-2"	11	55	27 mm	66670	161354	18985	161358	166358*	-	-	295680 290802* 292804

* discontinued

ANSI/ASME B 1.20.1 (American) National Pipe thread:Tapered

NPT	Tpi	Angle	Width	RH.Alloy	Alloy	RH.HSS	HSS	"ARK"	"ARK"WH	HSSWH	DH
1/8"	27	60	27 mm	47735	-	47775	-	-	167101	167109	295680
1/4"-3/8"	18	60	27 mm	47740	-	47780	-	-	167102	167110	295680
1/2"-3/4"	14	60	27 mm	47745	161351	47785	161355	-	167103	167111	295680 292800* 292802
1"-2"	11.5	60	27 mm	47750	161352	47790	161356	-	167104	167112	295680 292800* 292802

* discontinued

ANSI/ASME B 1.20.1 (American) National Pipe thread:Straight Mechanical

NPSM	Tpi	Angle	Width	RH.Alloy	Alloy	RH.HSS	HSS	"ARK"	"ARK"WH	HSSWH	DH
1/8"	27	60	27 mm	-	-	47845	-	-	167105	-	-
1/4"-3/8"	18	60	27 mm	47830*	-	47850	-	-	167106	-	-
1/2"-3/4"	14	60	27 mm	-	-	47855	-	-	167107	-	-
1"-2"	11.5	60	27 mm	-	-	47860	-	-	167108	-	-

ISO 263 (ANSI B 1.1, JIS B 0206) <UNC> Unified National Coarse thread for bolt: parallel

UNC	Tpi	Angle	Width	RH.Alloy	Alloy	RH.HSS	HSS	"ARK"	"ARK"WH	HSSWH	DH
1/4"	20	60	27 mm	47985*	-	48215	-	-	167113	-	295680
5/16"	18	60	27 mm	47990*	-	48220	-	-	167114	-	295680
3/8"	16	60	27 mm	47995*	-	48225	-	-	167115	-	295680
7/16"	14	60	27 mm	48000*	-	48230	-	-	167116	-	295680
1/2"	13	60	27 mm	48005*	-	48235	-	-	167117	-	295680
9/16"	12	60	27 mm	48010*	-	48240	-	-	167118	-	295680
5/8"	11	60	27 mm	48015*	-	48245	-	-	167119	-	295680
3/4"	10	60	27 mm	48020*	-	48250	-	-	167120	-	295680
7/8"	9	60	27 mm	48025*	-	48255	-	-	167121	-	295680
1"	8	60	27 mm	48030*	-	48260	-	-	167122	-	295680
1 1/8"	7	60	27 mm	48035*	-	48265	-	-	167123	-	295680
1 1/4"	7	60	27 mm	48040*	-	48270	-	-	167124	-	295680
1 3/8"	6	60	27 mm	48045*	-	48275	-	-	167125	-	295680
1 1/2"	6	60	27 mm	48050*	-	48280	-	-	167126	-	295680
1 3/4"	5	60	27 mm	48055*	-	48285	-	-	167127	-	295680
2"	4.5	60	27 mm	48060*	-	48290	-	-	167128	-	295680

* discontinued

Dies

Width						
27mm (NS25A)	23mm	27mm	27mm (R50A)	38mm	20mm (2 1/2" - 4")	20mm (5 - 6")
						
160025	160003	16K030	161354	16B430	162460	162470



HSS dies marking



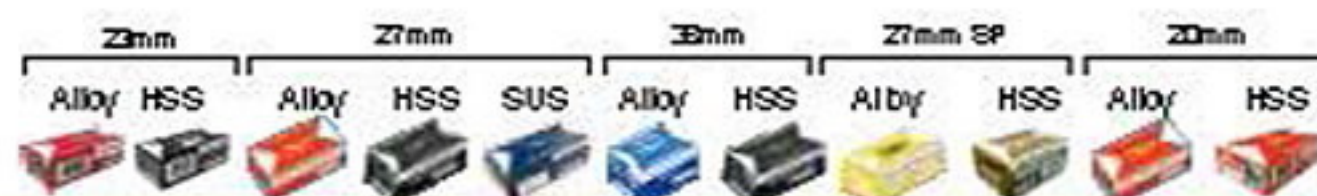
Alloy dies marking

40A-100A (Except R50A / NR50A)

Dies Table

ISO 7-1 (JIS B 0203) <R> British Standard Pipe thread: Tapered

BSPT	Tpl	Angle	Width	Alloy	HSS	*SUS	DH
1/4" - 1/2"	19	55	23 mm	160003	166003	-	290000
1/2" - 3/4"	14	55	27 mm	161907 *1	166007	166351	290820 295633 292820 292850 295643 295649 295652 292810 292814
1" - 1 1/2"	11	55	27 mm	161910	166010	166352	290820 295633 292820 294870 295643 290020
1 1/2" - 2"	11	55	27 mm	161930	166030	166353	295643 290020
1" - 2"	11	55	27 mm	161930 *1	161230	166357	295649 295652 292810 292814
1" - 2"	11	55	38 mm	161430	166030	-	292020
2 1/2" - 3"	11	55	27 mm	161950 *2	166050	166354	290030 295680
2 1/2" - 3"	11	55	38 mm	161450 *3	166050	-	292030
2 1/2" - 3"	11	55	27 mm SP	161450 *1	161451	-	291901
2 1/2" - 4"	11	55	20 mm	162460 *4	166060	-	293040



ANSI / ASME B 1.20.1 (American) National Pipe thread: Tapered

NPT	Tpl	Angle	Width	Alloy	HSS	DH
1/4" - 1/2"	18	60	23 mm	160303	166303	290000
1/2" - 3/4"	18	60	27 mm	161303	-	295630 295655
1/2" - 1"	14	60	27 mm	161307 *5	166307	295630 295633 292850 295655 295652 295643 292812 292810 292816
1" - 1 1/2"	11.5	60	27 mm	161310	166310	295630 295633 294870 295643
1 1/2" - 2"	11.5	60	27 mm	161330	166330	295643
1" - 2"	11.5	60	27 mm	161330 *5	161430	295655 295652 295810 292812 292814
1" - 2"	11.5	60	38 mm	168030	166330	292020
2 1/2" - 3"	8	60	27 mm	161350 *6	166350	295680
2 1/2" - 4"	8	60	20 mm	162360 *7	166360	293050



ISO 68-1/261 (JIS B 0205) <M> Metric thread for bolt: parallel

Metric	Pitch	Angle	Width	Alloy	HSS	DH
M8	1.25	60	27 mm	167702	167722	29082A 29002A
M10	1.5	60	27 mm	167703	167723	29082A 29002A
M12	1.75	60	27 mm	167705	167725	29082A 29002A
M14-16	2.0	60	27 mm	167706	167726	29082A 29002A
M18-22	2.5	60	27 mm	167707	167727	29082A 29002A
M24-27	3.0	60	27 mm	167709	167729	29082A 29002A
M30-33	3.5	60	27 mm	16770A	16772A	29082A 29002A
M36-39	4.0	60	27 mm	16770B	16772B	29082A 29002A
M42-45	4.5	60	27 mm	16770C	16772C	29082A 29002A
M48-52	5.0	60	27 mm	16770D	16772D	29002A
M20P1.5	1.5	60	27 mm	16770E	-	29003A
M25P1.5	1.5	60	27 mm	16770F	-	29003A
M32P1.5	1.5	60	27 mm	16770G	-	29003A



Dies

- *1: Standard Equipment with NP50A series, NP80A series, N100A BSPT version
- *2: Standard Equipment with NP80A, NP80AW BSPT version
- *3: Standard Equipment with NP80AW BSPT version
- *4: Standard Equipment with N100A BSPT version
- *5: Standard Equipment with NP50A series, NP80A series, N100A NPT version
- *6: Standard Equipment with NP80A, NP80AW NPT version
- *7: Standard Equipment with N100A NPT version

ISO 228-1 (JIS B 0202) <G> British Standard Pipe thread: Parallel
JIS C 8305 appendix <CTG>, former JIS B 0204

Conduit, thick steel pipe thread (parallel) for electrical wiring

BSPP	Tpl	Angle	Width	Alloy	DH
G1/4" - 1/2"	14	55	27 mm	162083	295652 292810
G1 - 2	11	55	27 mm	162040	295652 292810
G2 1/2" - 3"	11	55	27 mm	162084	295660



BS84 British Standard Whitworth for bolt: parallel

BSW	Tpl	Angle	Width	Alloy	HSS	DH
W1/4"	18	55	23 mm	160502	160521	290000
W1/2"	16	55	23 mm	160503	160522	290000
W3/4"	14	55	23 mm	160504	160523	290000
W1"	12	55	23 mm	160505	160523	290000
W1 1/4"	11	55	23 mm	160506	160524	290000
W1 1/2"	10	55	23 mm	160507	160525	290000
W1 3/4"	9	55	23 mm	160508	160526	290000
W2"	8	55	27 mm	160509	160527	290820 295643
W2 1/4"	7	55	27 mm	160510	160528	290820 295643



PF	Tpl	Angle	Width	Alloy	DH
PF16 - 22	14	55	27 mm	161107	290823 290023
PF28 - 36	11	55	27 mm	161110	290823 290023
PF42 - 54	11	55	27 mm	161130	290823 290023
PF70 - 82	11	55	27 mm	161150	290033
PF92 - 104	11	55	38 mm	163160	293041 (160001) 290023



*DH 290823 can set PF42 only.

ANSI/ASME B 1.20.1 (American) National Pipe thread: Straight Mechanical

NPSM	Tpl	Angle	Width	Alloy	DH
1/4" - 1/2"	18	60	23 mm	161360	(290000)
1/2" - 3/4"	14	60	27 mm	161362	295656
1" - 1 1/2"	11.5	60	27 mm	161364	295656
1 1/2" - 2"	11.5	60	27 mm	161366	295656



ISO 263 (ANSI B 1.1, JIS B 0206) <UNC> Unified National Coarse thread for bolt: parallel

UNC	Tpl	Angle	Width	Alloy	DH
1/4"	18	60	27 mm	167502	295620 290018
1/2"	16	60	27 mm	167503	295620 290018
3/4"	14	60	27 mm	167504	295620 290018
1"	13	60	27 mm	167505	295620 290018
1 1/4"	11	60	27 mm	167506	295620 290018
1 1/2"	10	60	27 mm	167507	295620 290018
2"	9	60	27 mm	167508	295620 290018
2 1/4"	8	60	27 mm	167509	295620 290018
2 1/2"	7	60	27 mm	167510	295620 290018
3"	6	60	27 mm	167520	295620 290018
4"	4.5	60	27 mm	167530	290018



JIS C 8305 appendix <CTC>, former JIS B 0204

Conduit, thin steel pipe thread (parallel) for electrical wiring

Conduit	Tpl	Angle	Width	Alloy	DH
C19-25	16	80	27 mm	161209	290823 290023
C31-51	16	80	27 mm	161230	290823 290023
C63-75	16	80	27 mm	161250	290033



Grounding	Gu.W.	Angle	Width	Alloy	DH
1/4"	8	90	20 mm	166607	292026
1" - 2"	8	90	20 mm	166630	292026
2 1/2" - 3"	8	90	20 mm	166650	292036
2 1/2" - 3 1/2"	9.5	90	20 mm	162650	293047
4"	9.5	90	20 mm	162660	293047



Beveling	Angle	Width	Alloy	DH
1/4"	-	30	20 mm	16H707 292026
1/2"	-	37.5	20 mm	16H807 292026
1" - 2"	-	30	20 mm	16H730 292026
1" - 2"	-	37.5	20 mm	16H830 292026
2 1/2" - 3"	-	30	20 mm	16H750 292036
2 1/2" - 3"	-	37.5	20 mm	16H850 292036
2 1/2" - 4"	-	30	20 mm	162670 293047
2 1/2" - 4"	-	37.5	20 mm	162680 293047
2 1/2" - 4"	-	45	20 mm	162662 293047

Die Head Table

Thread Type	DH Type	Capacity	Code No.	Plate	Width
BSPT	Manual	1/4" - 3/8"	290000 *1	B238	23 mm
		1/2" - 1 1/2"	290820 *2	L290	27 mm
		1/2" - 2"	295633 *3	G891	27 mm
		1/2" - 2"	295649 **32	2904	27 mm
		1/2" - 2"	295643 *5	L291	27 mm
		1/2" - 2"	295652 *6	G892	27 mm
		1" - 2"	290020	L292	27 mm
		2 1/2" - 3"	290030 **38	L293	27 mm
		2 1/2" - 3"	295660 *4	L181	27 mm
	Uni-Auto	1/2" - 1 1/2"	292820	G830	27 mm
		1/2" - 2"	292810 *31	N731	27 mm
	NV-Auto	1/2" - 2"	292814 *40	NR56	27 mm
		1/2" - 3/4"	292850 *20	7747	27 mm
	Self-Open	1" - 1 1/2"	29A870	G831	27 mm
		1" - 2"	292020 *21	L189	38 mm
		2 1/2" - 3"	292030 **33	7744	38 mm
	Self-Prof.	2 1/2" - 3"	29A901	7744	27 mm SP
	Profiling	2 1/2" - 4"	293040 **34	J079	20 mm
NPT	Manual	1/4" - 3/8"	290000 *1	B238	23 mm
		1/2" - 1 1/2"	295630	9203	27 mm
		1/2" - 2"	295655	N740	27 mm
		1/2" - 1 1/2"	295633 *3	G891	27 mm
		1/2" - 2"	295652 *6	G892	27 mm
		1/2" - 2"	295643 *5	L291	27 mm
		2 1/2" - 3"	295660 *4	L181	27 mm
		2 1/2" - 3"	292812 **36	N731	27 mm
		2 1/2" - 3"	292810 *31	N731	27 mm
	Uni-Auto	1/2" - 2"	292816 **41	NR56	27 mm
		1/2" - 2"	292850 *20	7747	27 mm
	NV-Auto	1/2" - 2"	292816 **41	NR56	27 mm
		1/2" - 3/4"	292850 *20	7747	27 mm
	Self-Open	1" - 2"	292020 *21	L189	38 mm
		2 1/2" - 4"	293050 **37	J102	20 mm
	Profiling	2 1/2" - 4"	293050 **37	J102	20 mm
	Manual	1/2" - 2"	295656	L182	27 mm
NPSM	Manual	W 1/4" - 1/2"	290000 *1	B238	23 mm
BSW	Manual	W 1/2" - 1/4"	290820 *2	L290	27 mm
		W 1/2" - 1/4"	295643 *5	L291	27 mm
UNC	Manual	1/8" - 1 1/2"	29562U	G841	27 mm
		1/8" - 2"	29001B	9204	27 mm
Metric	Manual	M8 - 45	29082A	G842	27 mm
		M8 - 52	29002A	2903	27 mm
		M20 - 32 P1.5	29003A	L281	27 mm
BSPP	Manual	G 1/2" - 2"	295652 *6	G892	27 mm
		G 2 1/2" - 3"	295660 *4	L181	27 mm
Uni-Auto		G 1/2" - 2"	292810 *31	N731	27 mm
		PF16 - 42	290823 *10	G843	27 mm
PF	Manual	PF16 - 54	290023 *11	G848	27 mm
		PF70 - 82	290033 *12	3330	27 mm
		PF92 - 104	293041 (discontinued)	J605	38 mm
		C15 - 39	290823 *10	G843	27 mm
Conduit	Manual	C15 - 51	290023 *11	G848	27 mm
		C63 - 75	290033 *12	3330	27 mm
		3/4" - 2"	292026	L187	20 mm
Grooving/Bevelling	Handle	2 1/2" - 3"	292036	7744	20 mm
		2 1/2" - 4"	293047	J088/J086	20 mm

Note: Where the number is the same, * indicates it can be used for different types of thread.

Die Heads

- **32: Standard Equipment with NP50A, NP80A BSPT version
- *31: Standard Equipment with NP50AV, NP80AV, NP80AV III, N100A BSPT version
- **38: Standard Equipment with NP80A, NP80AV BSPT version
- **33: Standard Equipment with NP80AV III BSPT version
- **34: Standard Equipment with N100A BSPT version
- *6: Standard Equipment with NP80A NPT version
- **36: Standard Equipment with NP80AV, N100A NPT version
- *4: Standard Equipment with NP80AV NPT version
- **37: Standard Equipment with N100A NPT version
- **40: Standard Equipment with NP50AV BSPT version
- **41: Standard Equipment with NP50AV NPT version

Old Model Profiling Dies

50A-II/80A-II/100ADXII

Dies Table

ISO 7-1 (JIS B 0203) <R> British Standard Pipe thread: Tapered

BSPT	Tpi	Angle	Width	Alloy	HSS	DH 50A-II & 80A-II / 100ADXII
1/2" - 3/4"	14	55	20 mm	16A407*	16D007*	297020** / 291020**
1" - 2"	11	55	20 mm	16A430*	16D030*	297020** / 291020**
2 1/2" - 3"	11	55	20 mm	16A450*	16D050*	297030** / -
2 1/2" - 4"	11	55	20 mm	162460	16C060	- / 291045

ANSI / ASME B 1.20.1 (American) National Pipe thread: Tapered

NPT	Tpi	Angle	Width	Alloy	HSS	DH 50A-II & 80A-II / 100ADXII
1/2" - 3/4"	14	60	20 mm	162307*	16D307*	297624** / 296624**
1" - 2"	11.5	60	20 mm	162330*	16D330*	297624** / 296624**
2 1/2" - 3"	8	60	20 mm	16A350*	16D350*	PD-NPT** / -
2 1/2" - 4"	8	60	20 mm	162360	16C360	- / 293055

*subject to stock **discontinued

Die Head Table

Thread Type	DH type	Capacity	Code No.	Plate	Width
BSPT	Manual	1/4" - 1"	295250 *1	KY22	27 mm
	Manual	1/4" - 1"	295254 *3	KY30	27 mm
	Self-Open	1/4" - 3/8"	290129 *5	MY63	27 mm
	Self-Open	1/2" - 1"	290130 **6	MY81	27 mm
NPT	Manual	1/4" - 1"	295252 *2	KY26	27 mm
	Manual	1/4" - 1"	295250 *1	KY22	27 mm
	Self-Open	1/4" - 3/8"	290129 *5	MY63	27 mm
	Self-Open	1/2" - 1"	290128 **7	MY81	27 mm
NPSM	Manual	1/2" - 1"	295252 *2	KY26	27 mm
BSW	Manual	W 1/4" - 3/4"	295254 *3	KY30	27 mm
Conduit	Manual	C19 - 39	295250 *1	KY22	27 mm
Metric	Manual				27 mm

Note: Where the number is the same, * indicates it can be used for different types of thread.

*1: Standard Equipment with NS25A, NS25A III BSPT version

*2: Standard Equipment with NS25A, NS25A III NPT version

*3: Standard Equipment with NS25AW

**6: Standard Equipment with NS25A III BSPT version

**7: Standard Equipment with NS25A III NPT version

Dies Table

ISO 7-1 (JIS B 0203) <R> British Standard Pipe thread: Tapered

BSPT	Tpi	Angle	Width	Alloy	HSS	DH
1/4" - 3/8"	19	55	27 mm	16P000	160030	295250 295252 295254 290129
1/2" - 3/4"	14	55	27 mm	16P407 *1	166P07	295250 295252 295254 290130
1"	11	55	27 mm	160025 *1	166025	295250 295252 295254 290130

ANSI/ASME B 1.20.1 (American) National Pipe thread: Tapered

NPT	Tpi	Angle	Width	Alloy	HSS	DH
1/4" - 3/8"	18	60	27 mm	16P100	166292	295252 295250 290129
1/2" - 3/4"	14	60	27 mm	161305 *2	166294	295252 295250 290128
1"	11.5	60	27 mm	161610 *2	166296	295252 295250 290128

ISO 68-1/261 (JIS B 0205) <M> Metric thread for bolt: parallel

Metric	Pitch	Angle	Width	Alloy	HSS	DH
M20 P1.5	1.5	60	27 mm	167710	-	-

BS84 British Standard Whitworth for bolt: parallel

BSW	Tpi	Angle	Width	Alloy	HSS	DH
W 3/8"	16	55	27 mm	166720 *3	166730	295254
W 1/2"	12	55	27 mm	166721 *3	166731	295254
W 5/8"	11	55	27 mm	166722 *3	166732	295254
W 3/4"	10	55	27 mm	166723 *3	166733	295254

JIS C 8305 appendix <CTC>, former JIS B 0204

Conduit, thin steel pipe thread (parallel) for electrical wiring

Conduit	Tpi	Angle	Width	Alloy	HSS	DH
C19 - 25	16	80	27 mm	161612	-	295250
C31 - 39	16	80	27 mm	161613	-	295250

ANSI / ASME B 1.20.1 (American) National Pipe thread: Straight Mechanical

NPSM	Tpi	Angle	Width	Alloy	HSS	DH
1/2" - 3/4"	14	60	27 mm	161372	-	295252
1"	11.5	60	27 mm	161374	-	295252

*1: Standard Equipment with NS25A, NS25A III BSPT version

*2: Standard Equipment with NS25A, NS25A III NPT version

*3: Standard Equipment with NS25AW

150A

Die Head Table

Thread Type	DH type	Capacity	Code No.	Plate	Width
BSPT	Profiling	2 1/2" - 4"	291045 *1	E613/E614	20 mm
	Profiling	5" - 6"	291065 *1	E606/E607	20 mm
NPT	Profiling	2 1/2" - 4"	293055 *2	E616/E617	20 mm
	Profiling	5" - 6"	293057 *2	E609/E610	20 mm
Grooving/Bevelling	Handle	2 1/2" - 4"	293048	A712	20 mm
	Handle	5" - 6"	293049	E709	20 mm

Dies Table

ISO 7-1 (JIS B 0203) <R> British Standard Pipe thread: Tapered

BSPT	Tpi	Angle	Width	Alloy	HSS	DH
2 1/2" - 4"	11	55	20 mm	162460 *1	16C060	291045
5" - 6"	11	55	20 mm	162470 *1	16C070	291065

ANSI / ASME B 1.20.1 (American) National Pipe thread: Tapered

NPT	Tpi	Angle	Width	Alloy	HSS	DH
2 1/2" - 4"	8	60	20 mm	162360 *2	16C360	293055
5" - 6"	8	60	20 mm	162370 *2	16C370	293057

Grooving	Gv.W.	Angle	Width	Alloy	HSS	DH
2 1/2" - 3 1/2"	9.5	90	20 mm	162650	-	293048
4"	9.5	90	20 mm	162660	-	293048
5" - 6"	9.5	90	20 mm	162670	-	293049

Bevelling	-	Angle	Width	Alloy	HSS	DH
2 1/2" - 4"	-	30	20 mm	162760	-	293048
2 1/2" - 4"	-	37.5	20 mm	162860	-	293048
2 1/2" - 4"	-	45	20 mm	162862	-	293048
5" - 6"	-	30	20 mm	162770	-	293049
5" - 6"	-	37.5	20 mm	162870	-	293049
5" - 6"	-	45	20 mm	162872	-	293049

*1: Standard Equipment with 150A BSPT version

*2: Standard Equipment with 150A NPT version

N 100A adaptable

ROLL THREAD HEADS

For sale in Japan only

10A - 50A (3/8" - 2")

Can be mounted on REX pipe machine series.



Cutter Guide for Roll Thread Head

Model
Cutter Guide 50A
Cutter Guide 80A
Cutter Guide 100A
Cutter Guide 40A

When mounting the roll thread head, be sure to change the cutter guide.



SRH-15A

Compatibility Table

Model	Size BSPT	Size			
		S40A	F50A	F80A	N100A
SRH-10A	10A (3/8")	●	●	●	●
SRH-15A	15A (1/2")	●	●	●	●
SRH-20A	20A (3/4")	●	●	●	●
SRH-25A	25A (1")	-	●*	●	●
SRH-32A	32A (1 1/4")	-	-	●	●
SRH-40A	40A (1 1/2")	-	-	●	●
SRH-50A	50A (2")	-	-	●*	●

● : OK ●* : Option Required
* : Double Chucking Required

Roll Thread Sealant ZT



Genuine REX Sealant - Getting the best performance from Roll Threads.

Applicable Pipes: Water mains, Hot water pipes, Standpipes (for firefighting), Steam piping.

Product	Quantity (g)
Roll Thread Sealant ZT	500g (with brush)

Lining Blades

15A - 50A (1/2" - 2")

Use: Used to remove external coatings by attaching blade to the scraper on the roll thread head.



Lining Blade



Model	Size	Appropriate head
Lining Blade 15A	15A (1/2")	SRH-15A
Lining Blade 20A	20A (3/4")	SRH-20A
Lining Blade 25A	25A (1")	SRH-25A
Lining Blade 32A	32A (1 1/4")	SRH-32A
Lining Blade 40A	40A (1 1/2")	SRH-40A
Lining Blade 50A	50A (2")	SRH-50A

Examples of Roll Threads



Fire Sprinkler Systems



Water Supply



Gas Supply



Air Conditioning



Five great features of roll threads

1. Environmentally friendly

Chips are greatly reduced. (Figs.1&2 and Table 1)
(No chips are produced when processing roll threads; only when correcting out-of-round pipe.)

Comparison of amount of chips (Internal data)

Code No.	Capacity ratio	Mass ratio
Cut thread : Roll thread	100 : 9	100 : 13

Table 1

2. Savings in cost

- Increased strength of the thread joint means pipe thickness can be reduced by one size.
- Roller wear : 1/10 that of cutting
- Oil consumption : 1/2 that of cutting

3. Difficult to break

- Roll threads retain the 'grain' of the pipe without interruption. (Fig. 3)
- Increased durability - wall thickness is assured with roll threads. (Fig. 4)
- Thread processing creates threads that are even harder than the original pipe itself. (Fig. 5)
- With strength equivalent to welding, both efficiency and earthquake-proof characteristics are increased.

4. Rust resistant

- Threads display increased rust resistance as the coating on the pipe surface remains. (Fig. 6)

5. Leak resistant

- With roll threads, the height of the thread is uniform, resulting in high-quality leak-resistant threads.
- Surface roughness on a roll thread is about 1/4 of that on a cut thread.



Fig. 1 Chips from cut threads



Fig. 2 Chips from roll threads

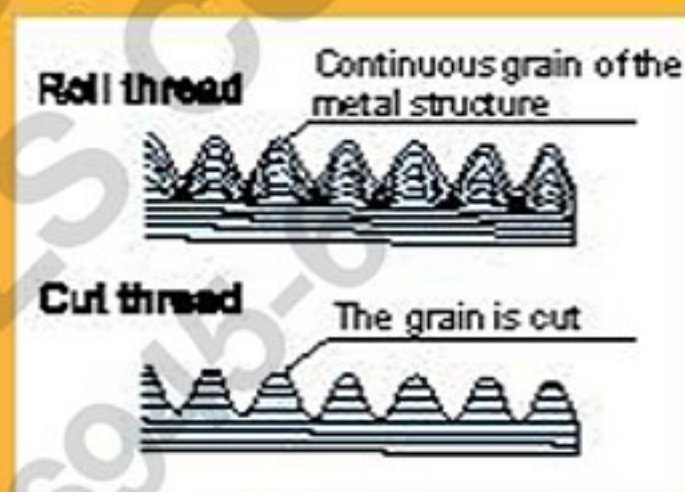


Fig. 3 Grain flow



Fig. 4 Cross section



Fig. 5 In strength tests, there was no effect on the thread. The pipe itself became deformed or fractured.

Coating enhances rust-resistance



Fig. 6 Thread is left with a layer of pipe coating (20-30 μm).

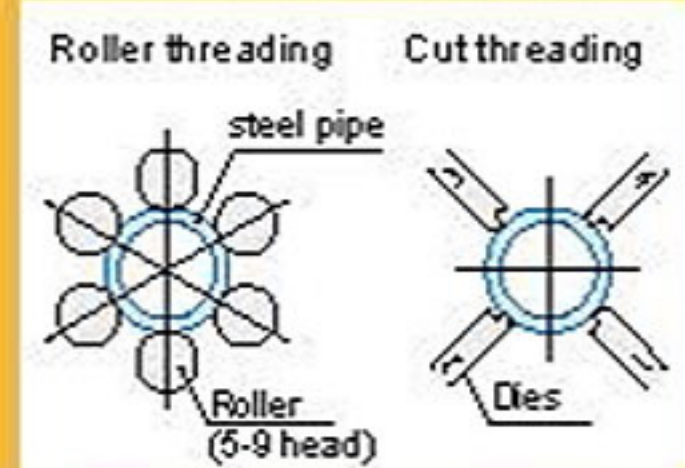


Fig. 7 Roller threading and Cut threading.



Hydraulic Piping



Air Piping



Steam Piping

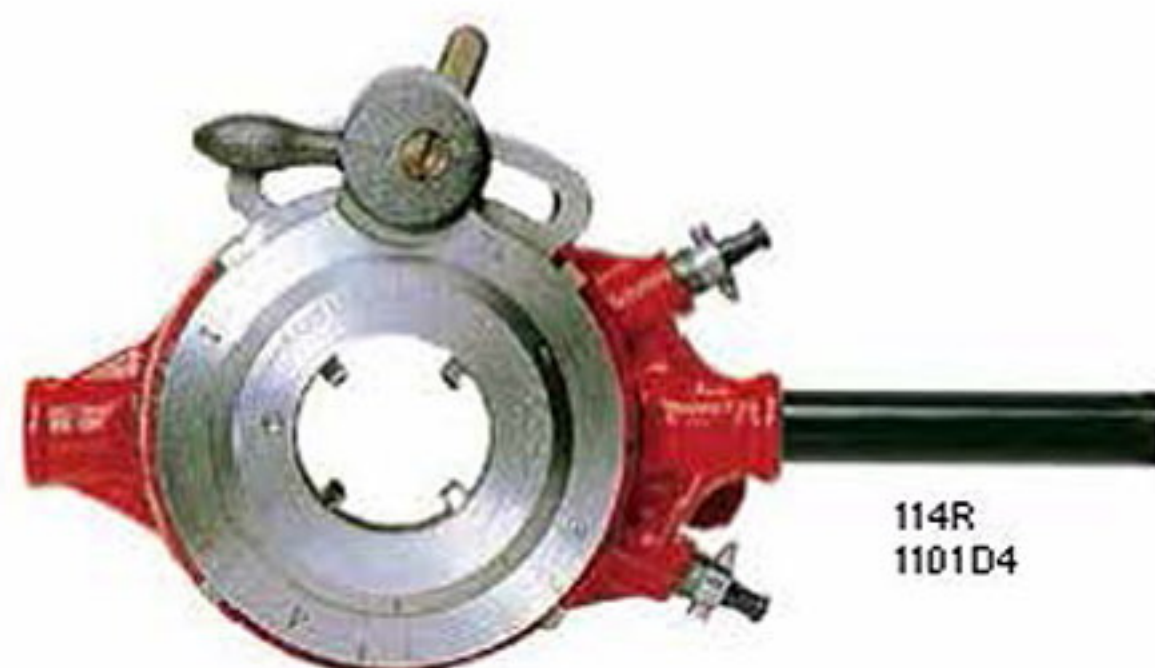


Manual pipe threader. No power supply required!

OSTER-TYPE RATCHET PIPE THREADER

8A - 50A (1/4" - 2")

- Ratchet facilitates smooth operation.
- Quick-release lever disengages dies, so there's no need to rotate the unit back again to release it.
- Made of cast iron, the main body is lightweight yet robust. Moving parts are heat-treated and reinforced to limit wear.



Code No.	Model	Capacity (in.)
1101D2	112R	1/4 - 1 1/4
1101D4	114R	1/2 - 2



Spare Dies

Code No.	Model	Capacity (in.)
150003	112R Dies 8A - 10A	1/4 - 3/8
150007	112R Dies 15A - 20A	1/2 - 3/4
150010	112R Dies 25A - 32A	1 - 1 1/4
151007	114R Dies 15A - 20A	1/2 - 3/4
151010	114R Dies 25A - 32A	1 - 1 1/4
151030	114R Dies 40A - 50A	1 1/2 - 2

BABY REED-TYPE RATCHET PIPE THREADER

8A - 32A (1/4" - 1 1/4")

- This compact and lightweight model ensures optimum threading in elevated or confined places. Ratchet supplied.
- Proven versatility in applications for gas/water supply pipes and thin steel conduits (by replacing dies).



Code No.	Model	Capacity (in.)
1102R3	2R3	1/2 - 1
1102R4	2R4	1/2 - 1 1/4
1102RE	2RC	C19 - 39



Spare Dies

Code No.	Model	Size
154001	2RG Dies 8A	1/4
154003	2RG Dies 10A	3/8
154005	2RG Dies 15A	1/2
154007	2RG Dies 20A	3/4
154009	2RG Dies 25A	1
154010	2RG Dies 32A	1 1/4
154207	2RC Dies 19	C19
154209	2RC Dies 25	C25
154210	2RC Dies 31	C31
154220	2RC Dies 39	C39

DROP THREADER 12R TYPE

6A - 50A (1/8" - 2")

Rex Drop Heads and Dies are ideal for in-place threading from 1/8" - 2" and are designed to fit Rex Ratchet Handle 112162 (BSPT) / 112160 (NPT) as well as Wheeler Ratchet Handle 43310, and other models, such as 12R, 00-R, 111-R, 0-R, 30A & 31A, 600 & 700 Power Drives, DHR 12 Series Drop Heads and BT 40000 Series Drop Heads.



With 1 1/2" Drop Head

12R BSPT
112051

MANUAL RATCHET THREADER SETS

Model and Code No.		Threading Capacity (in.) and standard dies set
12R BSPT	12R NPT	
112051*	112041*	1/8, 1/4, 3/8, 1/2, 5/8, 1, 1 1/4, 1 1/2, 2
112055*	112045*	1/8, 1/4, 1, 1 1/4
112052*	112042*	1/8, 1/4, 1, 1 1/4, 1 1/2, 2
112053*	112043*	1, 1 1/4, 1 1/2, 2
112162*	112160*	Ratchet with handle, case only

* discontinued

Ideal for in-place threading from 1/8" to 2"

Nominal Pipe Size	12R Type Dies-BSPT		12R Type Dies-NPT		12R Type Dies-NPSM		12R Type Drop Head with Dies-BSPT		12R Type Drop Head with Dies-NPT	
	Code No.	Name	Code No.	Name	Code No.	Name	Code No.	Name	Code No.	Name
1/8"	112121	DIES 12R 1/8 PT	112101	DIES 12R 1/8 NPT	112111	DIES 12R 1/8 NPSM	112021	DH 12R 1/8 PT	112011*	DH 12R 1/8 NPT
1/4"	112122	DIES 12R 1/4 PT	112102	DIES 12R 1/4 NPT	112112	DIES 12R 1/4 NPSM	112022	DH 12R 1/4 PT	112012*	DH 12R 1/4 NPT
3/8"	112123	DIES 12R 3/8 PT	112103	DIES 12R 3/8 NPT	112113	DIES 12R 3/8 NPSM	112023	DH 12R 3/8 PT	112013*	DH 12R 3/8 NPT
1/2"	112124	DIES 12R 1/2 PT	112104	DIES 12R 1/2 NPT	112114	DIES 12R 1/2 NPSM	112024	DH 12R 1/2 PT	112014*	DH 12R 1/2 NPT
5/8"	112125	DIES 12R 5/8 PT	112105	DIES 12R 5/8 NPT	112115	DIES 12R 5/8 NPSM	112025	DH 12R 5/8 PT	112015*	DH 12R 5/8 NPT
1"	112126	DIES 12R 1 PT	112106	DIES 12R 1 NPT	112116	DIES 12R 1 NPSM	112026	DH 12R 1 PT	112016*	DH 12R 1 NPT
1 1/4"	112127	DIES 12R 1 1/4 PT	112107	DIES 12R 1 1/4 NPT	112117	DIES 12R 1 1/4 NPSM	112027	DH 12R 1 1/4 PT	112017*	DH 12R 1 1/4 NPT
1 1/2"	112128	DIES 12R 1 1/2 PT	112108	DIES 12R 1 1/2 NPT	112118	DIES 12R 1 1/2 NPSM	112028	DH 12R 1 1/2 PT	112018*	DH 12R 1 1/2 NPT
2"	112129	DIES 12R 2 PT	112109	DIES 12R 2 NPT	112119	DIES 12R 2 NPSM	112029	DH 12R 2 PT	112019*	DH 12R 2 NPT

* discontinued

MINI POWER DRIVE

6A - 50A (1/8" - 2")



Full view with REX Chain Vice Stand CVXB

Lightweight and portable, the Rex Mini Power Drive can thread up to 2" diameter pipe or conduit and 1" bolt or rod in just seconds. Accepts 12R die heads with adapter. Requires only 1 1/4" clearance for working in trenches, overhead and in tight quarters. Mechanical high speed reverse speeds up removal after threading.



Mini Power Drive in action

Mini Power Drive



Adapter

Mini Power Drive
112500

Vice

Code No.	112500*
Model	Mini Power Drive
Threading capacity (in)	1/8 - 2
Type of thread	BSPT / NPT
Threading speed	25 to 15 rpm
Fast reverse speed	58 rpm
Voltage	230 V, 50/60 Hz
Power consumption	1010 W
Switch	ON/OFF Dead man (Non-locking)
Machine weight	6.5 kg
Machine dimensions	580 (L) x 95 (W) x 140 (H) mm
Clamp weight	2.7 kg
Gross weight	16 kg
Carrying case dimensions	640 (L) x 263 (W) x 114 (H) mm

* discontinued

CHAIN VICE STAND CVX6

6A - 150A (1/2" - 6")

Robust multi-function performance. Handles the most rigorous jobs with ease!

All-in-one Chain Vice Stand

The CVX6 is a chain vice and stand all-in-one; flat, simple, packed full of different functions. The stand gives you up to 1.5 times more working surface than previous models, providing you with ample room to work on.

Sturdy aluminium die cast base

Newly-designed die cast base stands up to the toughest jobs.

Safe and reliable operation

Reliable work starts from having dependable tools to work with. Made for outstanding durability and functionality, the CVX6 also offers robust reliability.

Ceiling Brace Screw

Simply attach a support pipe to keep the stand firm when using the bender, etc.



Tray Support

If the stand rocks a little and needs adjustment, simply adjust the 'wings' of the support tray.



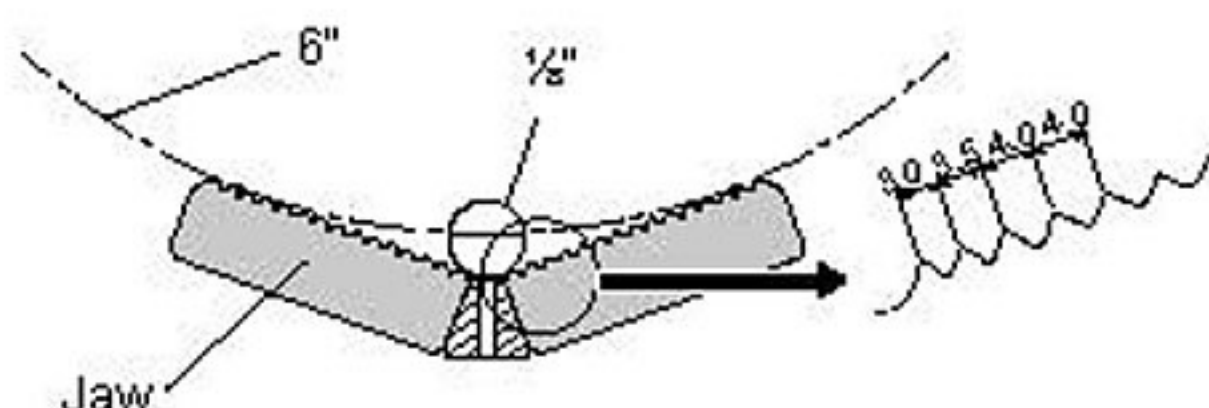
Bender

Effortlessly bends thin-walled tubes up to 3/4".



Grip on pipes 1/2"-6"

The vice grips the pipe securely so it won't slip.



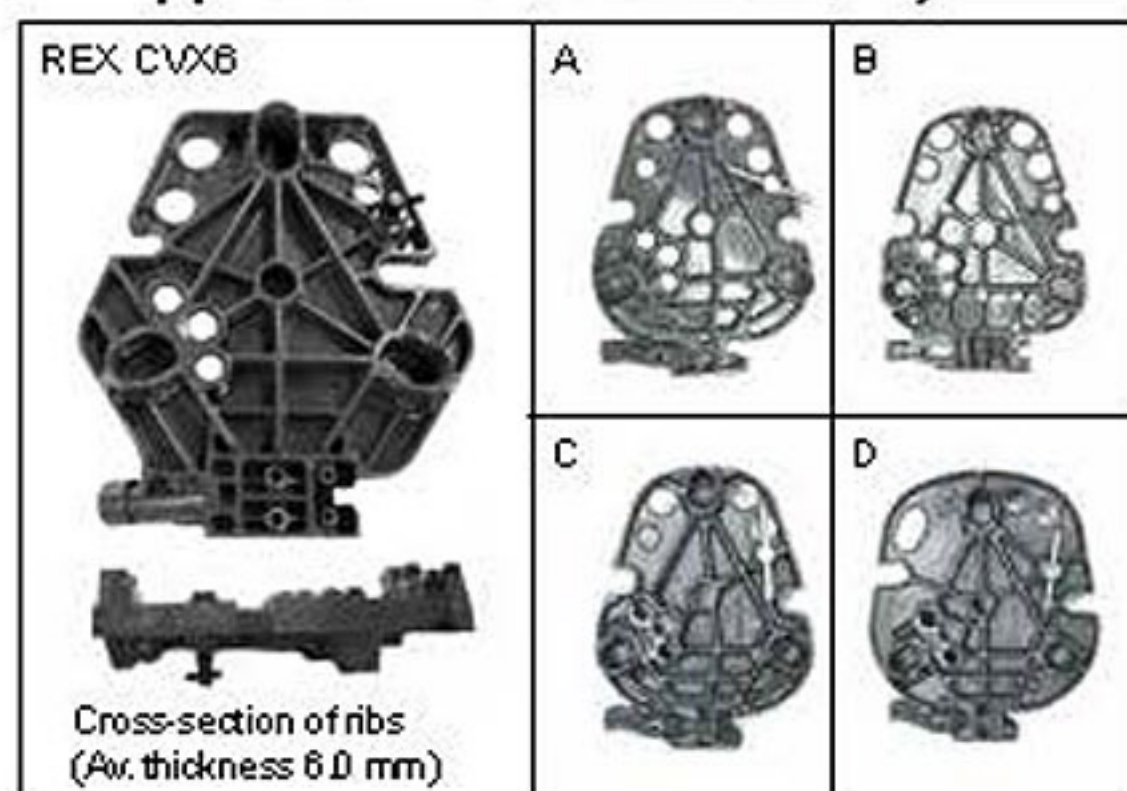
The CVX6 in actual use



Folded for storage, etc.

Code No.	120CVB	120CVC
Model	CVX6	
Pipe Capacity (in.)	1/2 - 6	
Appropriate pipe material	Steel pipe, etc	
Dimensions (D×W×H) mm	1198 × 1134 × 960	1198 × 1134 × 890
Weight (kg)	19.6	19.0
Length of chain (mm)	700	

REX' original rib design increases the strength of the base. (up to 1.7 times that of other brands.)



PIPE VICES

6A - 150A (1/8" - 6")

Ensure high durability and long life.

- Designed with an array of teeth, REX vices provide optimum clamping for pipes of different sizes.
- Teeth are specially heat-treated for increased durability.
- Compatible V0 and VL1 teeth clamp soft pipes firmly without damage.
- For convenience, the VL1 comes equipped with legs.
- Special jaws for coated steel pipes are also available.

Chain vice

- Compact, lightweight, and easy to use.
- One vice for fixed-mounting or portable use (workbench or vice stand).
- Pin and hook system allows easy adjustment according to the size of the pipe. Just turn the handle for a really firm grip.



CV-6
120CV6



Vice Stand
120CVL



VL1
1201VL



V0
1201V0



V1
1201V1



V2
1201V2



V3
1201V3



V4
1201V4

Comparison of jaws



V0-L



V0

Code No.	Model	Capacity (in.)	For
1201V0	V0 Vice	1/8 - 2	Steel Pipe
1201V1	V1 Vice	1/8 - 2 1/2	
1201V2	V2 Vice	1/8 - 3 1/2	
1201V3	V3 Vice	1/8 - 4	
1201V4	V4 Vice	1/8 - 6	
1201VL	VL1 Vice with legs	1/8 - 2 1/2	Externally Coated Pipes
120LV0	V0-L Vice	1/8 - 2	
120LV1	V1-L Vice	1/8 - 2 1/2	
120LV2	V2-L Vice	1/8 - 3	
120LV3	V3-L Vice	1/8 - 4	
120LVL	VL1-L Vice with legs	1/8 - 2 1/2	Steel Pipe
120CV6	CV-6 Chain Vice	1/8 - 6	
120CVL	Vice Stand	V0 - V4, CV-6 attachable	

No more worries about obtaining the perfect groove!

LIGHT GROOVE 150DX

25A - 400A (1" - 16")

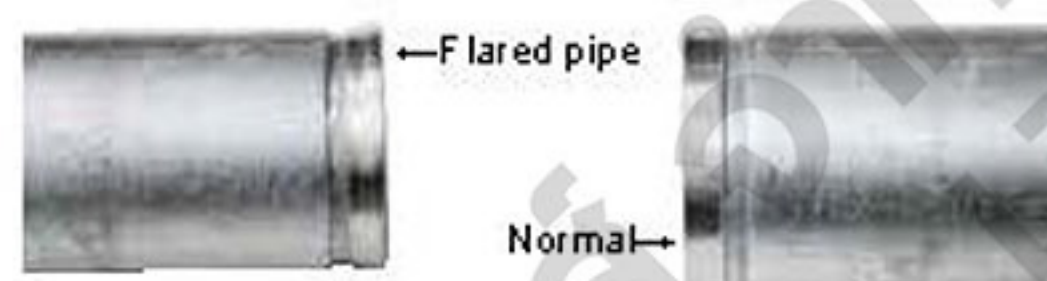
For on-site and workshop grooving of 1" - 16" Schedule 10 and, 1" - 12" Schedule 40 steel pipe.

Standard Model: 2" - 6"

Utilises REX's latest technology to minimise cost and improve efficiency. Self-centring head minimises pipe flare and secures the pipe firmly in the machine. Automatic pump and indicator lamp ensure stable grooving. Designed for maximum productivity and lowest cost per groove.

High precision machining avoids unwanted flared pipe ends.

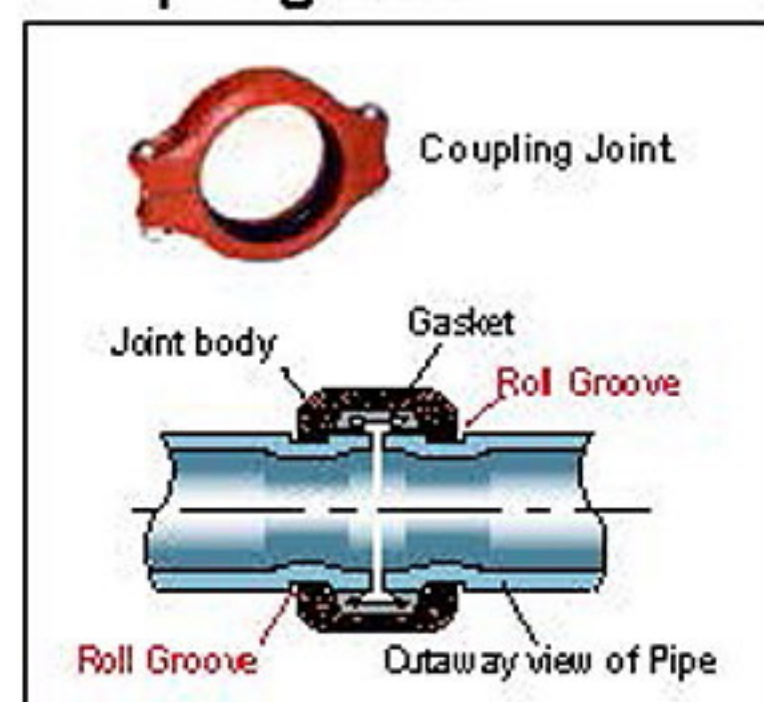
Flared pipe ends mean the gasket can't be placed on the coupling, so the job needs to be done all over again. Furthermore, to avoid producing such defects needs great skill in aligning the pipe perfectly. REX's self-centering function means just about anyone can process pipes in a stable manner and with increased efficiency.



Automatic Pump

RG 150A

Coupling Joint



Roller

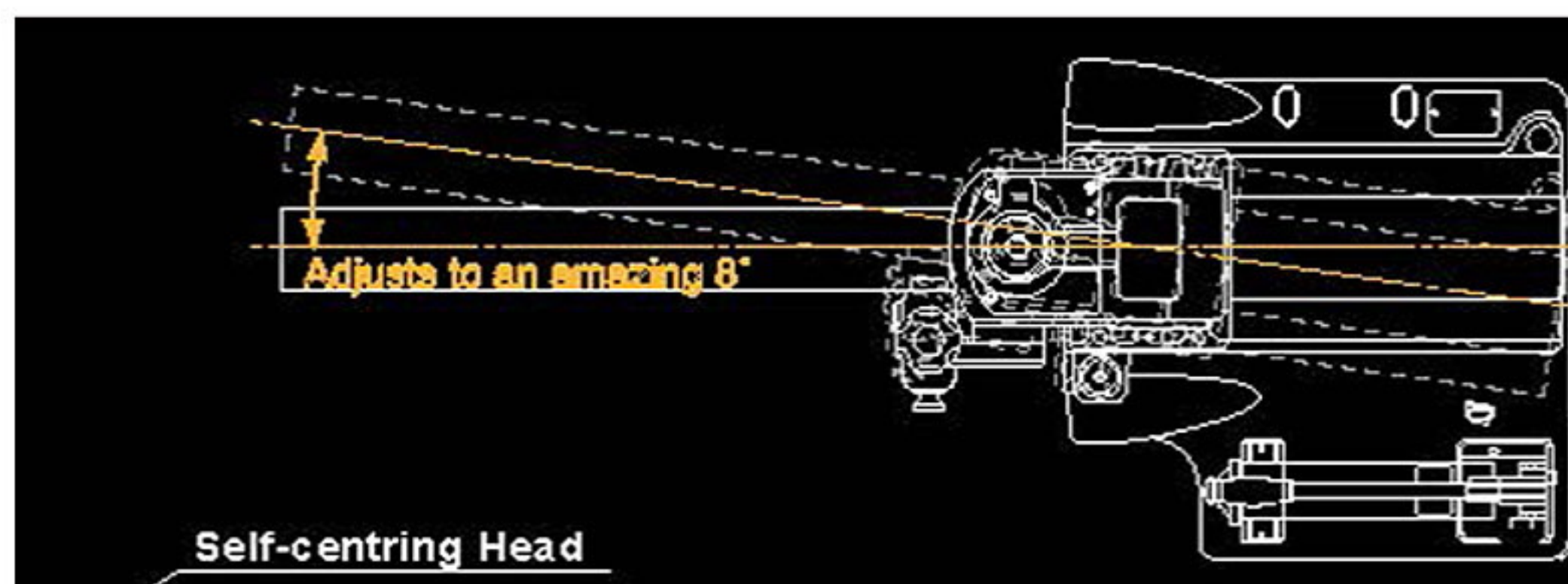
Roll grooving is different to cut grooving. Roll grooving is a process by which the pipe is deformed under pressure, which maintains its strength. Numerous reports indicate that roll grooving prevented damage to pipelines during the 1995 Kobe Earthquake, Japan.



341109
* Pipe support optional.

Code No.	341080	341071, 341074 (CE)
Model	RG-150 (Hand Pump)	RG-150A (Auto Pump)
Pipe Capacity (in.)	1 - 16 Sch. 10 steel pipe 1 - 12 Sch. 40 steel pipe (Standard Model: 2 - 6 roller Sch. 10 - 40 : 341133)	
Motor	700 W Series motor	
Voltage (V)	220 (110 V available)	
Rotation Speed (rpm)	49 (Unloaded)	
Dimensions (mm)	D685 x W490 x H625	
Weight (kg)	75	85

Standard Accessories	Tool box, Spirit level, Spanner, T-wrench, Grease 341133: Roller Set 2" - 6" (Sch. 10 - 40), 341125 Spacer 1" - 6"
Optional Accessories	341112: Main Shaft For Roller 1" - 1 1/2" (150DX)
	341113: Roller Set 1" - 1 1/2" (Sch. 10 - 40)
	341111: Roller Set 8" - 12" (8" Sch. 10 - 40, 10" - 12" Sch. 10)
	341137: Roller Set 10" - 12" (Sch. 40)
	341136: Roller Set 14" - 16" (Sch. 10)
	For Thin-wall Stainless Steel Pipe (Schedule 5S - 10S) 341112: Main Shaft For Roller 1" - 1 1/2" 341118: Roller Set SUS 30-50Su (1" - 1 1/2" Sch. 5S-10S) 341119: Roller Set SUS 60-80Su (2" - 3" Sch. 5S-10S) 341120: Roller Set SUS 100-150Su (4" - 6" Sch. 5S-10S)



Self-centring Head

The head adjusts up to an amazing 8" to ensure a perfectly centred groove every time. The carrying handles also serve as guides to make setting pipes easier.



Raise the red knob on the head lock pin to release the self-centering head.

Indicator Lamp

The indicator lamp automatically lights up when grooving is complete so that even a novice can be sure of achieving the correct groove depth.

Spacer (Groove Depth Gauge)



Automatic Pump

The electric powered pump was developed specifically for this machine to make accurate grooving easier.

Roller Set

Standard		Optional			
341133	341112	341113	341111	341137	341136
Roller Set 2" - 6"	Main Shaft 1" - 1 1/2"	Roller Set 1" - 1 1/2"	Roller Set 8" - 12"	Roller Set 10" - 12"	Roller Set 14" - 16"

Accessories for Groovers

Code No	Description	Light Groove	Portable Groover H	Portable Groover II
341111	Roller Set 8"-12" (8" Sch. 10 - 40, 10"-12" Sch. 10)	•	•	
341112	Main Shaft For Roller 1"-1 1/2" (1500X)	•		
341141	Main Shaft For Roller 1"-1 1/2" (RG-RH)		•	
341113	Roller Set 1"-1 1/2" Sch. 10 - 40	•	•	
341133	Roller Set 2" - 6" Sch. 10 - 40	•*	•*	
341136	Roller Set 14"-16" Sch. 10	•		
341137	Roller Set 10"-12" Sch. 40	•	•	
341138	Roller Set 14"-16" Sch. 10		•	
341118	Roller Set SUS 30 - 50S (1" - 1 1/2" Sch. 5S - 10S)	•	•	
341119	Roller Set SUS 60 - 80S (2" - 3" Sch. 5S - 10S)	•	•	
341120	Roller Set SUS 100 - 150S (4" - 6" Sch. 5S - 10S)	•	•	•
341551	Roller Set 1"			•
341552	Roller Set 1 1/2"			•
341554	Mount Base R1 REX50A Machine			•
341555	Mount Base R2 REX80A Machine			•
341556	Mount Base E1 #300			•
341557	Mount Base E2 #300 Compact			•
341558	Roller Set 2" - 6"			•*
341559	Mount Base R3 REX N100A Machine			•
341560	Mount Kit II-HR1 REX 50A Machine		•	
341561	Mount Kit II-HR2 REX 80A Machine		•	
341562	Mount Kit II-HR3 REX N100A Machine		•	
341563	Mount Kit II-HE1 #300		•	
341124	Spacer 8" - 12"	•	•	
341125	Spacer 1" - 6"	•*	•*	•
341121	GV Gauge 1"	•	•	•
341122	GV Gauge 1 1/4"	•	•	•
341123	GV Gauge 1 1/2"	•	•	•
341126	GV Gauge 2"	•	•	•
341127	GV Gauge 2 1/2"	•	•	•
341128	GV Gauge 3"	•	•	•
341129	GV Gauge 4"	•	•	•
341130	GV Gauge 5"	•	•	•
341131	GV Gauge 6"	•	•	•
341132	Circumference GV Gauge	•	•	•
341206	GV Gauge 8"	•	•	•
341207	GV Gauge 10"	•	•	•
341208	GV Gauge 12"	•	•	•

* Standard Equipment

Hand Pump

RG 150



Easy grooving with a threading machine.

PORTABLE GROOVER H

25A - 400A (1" - 16")

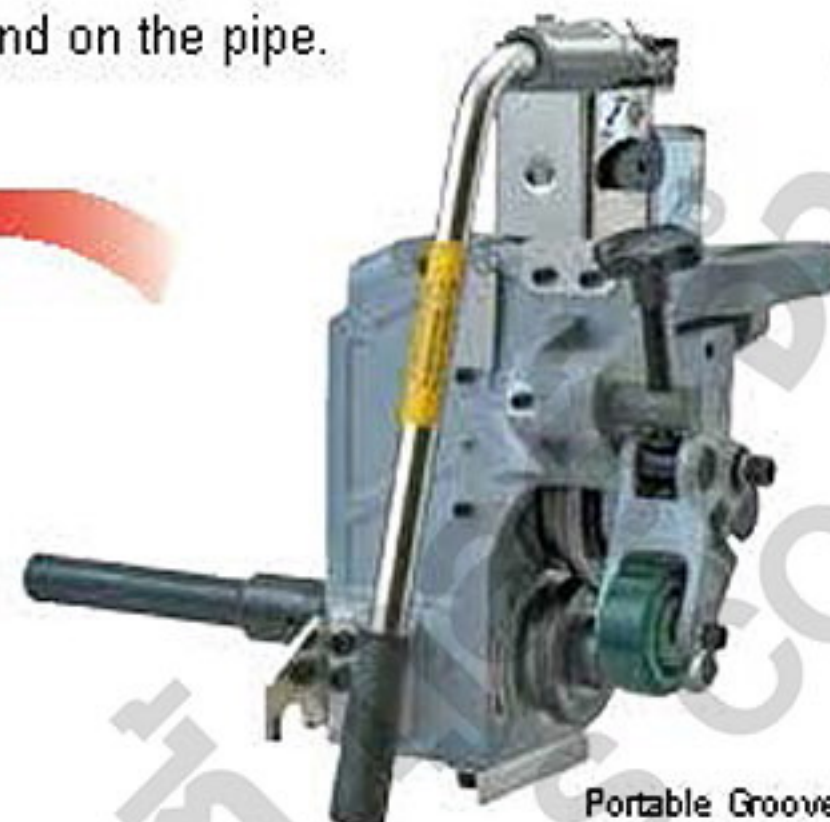
Standard Model: 2" - 6"

RG-RH unit provides 16" grooving (Schedule 10) and Schedule 40 grooving up to 12".

- Compact, light weight, powerful, and large capacity!
- Easy to mount on your threading machine.
- Easy operation with guide roller means there is no need to put your hand on the pipe.
- Incredibly light handle with hydraulic cylinder.



RG-RH on NP50A/



Portable Groover H
RG-RH
with Mount Kit
M-HR1



No need to remove
carriage, reamer or die head



Hydraulic Cylinder

Code No.	341506
Model	RG-RH
Working Capacity (in.)	1 - 16 Sch. 10 steel pipe 1 - 12 Sch. 40 steel pipe
Dimensions (DxWxH) mm	272 x 478 x 385*
Weight (kg)	35.5
Standard Accessories	341133 Roller Set 2"-6" (Sch. 10 - 40) 341125 Spacer 1"-6" (Mount Kit not included)

* Excluding connecting standard pump handle



Simple mount kit (option) provides adaptability to
Rex 2", 3", 4" threading machines and #300.



Guide roller prevents the pipe from detaching
and eliminates vibration, so there's no need to
place your hand on the pipe.



Optional Accessories

Code No.	Model
341560	Mount Kit M-HR1 REX 50A Machine
341561	Mount Kit M-HR2 REX 80A Machine
341562	Mount Kit M-HR3 REX 100A Machine
341563	Mount Kit M-HE1 #300
341111	Roller Set 8" (8": Sch. 10 - 40, 10": Sch. 10)
341141	Main Shaft For Roller 1"-1 1/2" RG-RH
341113	Roller Set 1"-1 1/2" (Sch. 10-40)
341118	Roller Set SUS 30- 50Su (1"-1 1/2": Sch. SS-10S)
341119	Roller Set SUS 60- 80Su (2"-3": Sch. SS-10S)
341120	Roller Set SUS 100-150Su (4"-6": Sch. SS-10S)
341124	Spacer 8"-12"
341137	Roller Set 10"-12" (Sch. 40)
341138	Roller Set 14"-16" (Sch. 10)

Combined Motor and Groover Set NPG150M

25A - 150A (1" - 6")

Standard Model: 2" - 6"

Rex provides a great combination!

· NPG150M is a combined motor unit and Portable Groover M (RG-R0+M-R1).



NPG150M
341323



RG-RH on NPG150M

Code No.	Model	Voltage	Groover	Weight (kg)
341323	NPG150M CE 230V	230 V	RG-R1	55.0

PORTABLE GROOVER M/S

25A - 150A (1" - 6")

Standard Model: 2" - 6"

Just attach to a REX pipe threading machine for fast, easy grooving.

- Anti-slipping device enables safe, efficient processing.
- Groove depth easily adjusted.
- Special power booster facilitates light and easy operation.

RG-R1 with NP50A



Portable Groover M
RG-R0 with Mount Base M-R1

For Steel Pipe

Portable Groover M



RG-R0 with
Mount Base M-R1

For Stainless Steel Pipe

Portable Groover S



RG-S1 with
Mount Base M-R1

* Subject to confirmation of adaptability to
SUS pipe in each country.



Rollers for SUS

Precise grooving with special
rollers

- Makes grooves on 1" to 6" Schedule 10 and 1" to 3" Schedule 40 steel pipes.
- Easily attached to REX N50A, R50A, P50A, NP50A, N80A, S80A, NP80A, N100A, #300 or 300 Compact.
- Like the Light Groove 150DX, groove depth is easily adjusted. Power mechanism enables grooving with minimal force.
- Compact, lightweight, excellent durability.
- Mount the groover on any of the machines simply by replacing the mount base (5 types available).



Mount Base

Code No.	Model	Applicable machine	Working Capacity	Weight (kg)
341505	RG-R0	No Mount Base	1" - 6" Sch. 10 1" - 3" Sch. 40 Standard Model For 2" - 6" Sch. 10, 2" - 3" Sch. 10 - 40 (Roller set 341558)	12.0
341501	RG-R1	N50A, R50A, P50A, NP50A		14.5
341502	RG-R2	N80A, S80A, NP 80A		
-	RG-R3	N100A		
341503	RG-E1	#300		
341504	RG-E2	300 Compact	Stainless Steel Pipe 30 - 50Su Sch. 5S	10.0
341631	RG-S1	No Mount Base		
341632	RG-S2	No Mount Base		

Optional Accessories

Code No.	Model
341551	Roller set 1" (Sch. 10 - 40)
341552	Roller set 1 1/4"-1 1/2" (Sch. 10 - 40)
341554	Mount Base R1 REX 50A Machine
341555	Mount Base R2 REX 80A Machine
341559	Mount Base R3 REX 100A Machine
341556	Mount Base E1 #300
341557	Mount Base E2 #300 Compact