

NEW **Micro
Grinder**

**Stable Operation | Accurate Grinding
Lower Vibration | High Speed Working**

 **Like a Pencil**
Lightweight, ergonomically designed



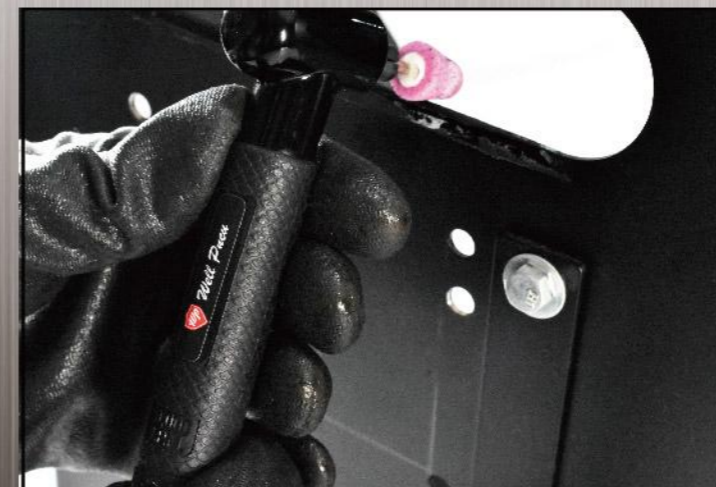
Virtually Vibration Free
suitable for long time operation

 **Low Noise**
Hose sleeve for noise reduction



Diamond-grinding level
Run-out <0.1mm

 **Rotary Type**
Twist action variable-speed control



Ideal for ...
precision deburring, blending
and smoothing applications

NEW **Micro Grinder**



PG-6172 1/8" (3mm) Pencil Air Micro Die Grinder

- Run-out < 0.1mm for precision working
- Ideal for precision deburring, blending and smoothing applications
- High speed 100000RPM fine finish, run-out < 0.1mm for precision working
- Lightweight, ergonomically designed to be virtually vibration free
- Roll type design for on/off switch operate easy
- Small diameter facilitates precise control
- Collet quad for improved control & spindle protection

Not including die grinder bits, tool and wrench only



PG-6171 1/8" (3mm) Pencil Air Micro Angle Die Grinder

- Run-out < 0.1mm for precision working
- Lightweight, ergonomically designed to be virtually vibration free
- Roll type design for on/off switch operate easy
- Twist action variable-speed control
- Rear exhaust, directs the exhaust away from the user and the working areas
- Using the hose sleeve to reduce the noise on the work
- Standard with 148cm air hose with 33cm black silencer

Not including die grinder bits, tool and wrench only



PG-6170 1/8" (3mm) Pencil Air Micro Die Grinder

- Run-out < 0.1mm for precision working
- Lightweight, ergonomically designed to be virtually vibration free
- Roll type design for on/off switch operate easy
- Twist action variable-speed control
- Rear exhaust, directs the exhaust away from the user and the working areas
- Using the hose sleeve to reduce the noise on the work
- Standard with 148cm air hose with 33cm black silencer

Not including die grinder bits, tool and wrench only



PG-6270 1/8" or 1/4" (3mm or 6mm) Pencil Air Micro Die Grinder

- Run-out < 0.1mm for precision working
- Lightweight, ergonomically designed to be virtually vibration free
- Roll type design for on/off switch operate easy
- Twist action variable-speed control
- Rear exhaust, directs the exhaust away from the user and the working areas
- Using the hose sleeve to reduce the noise on the work
- Standard with 150cm air hose

Not including die grinder bits, tool and wrench only

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dB	m/s ²	inch
PG-6172	10000		TBD		1/8	3	1.6	45.3	5	127	0.9	0.4	3/8	82	TBD	1/4
PG-6170	70000		0.1	75	1/8	3	1	28.3	5.3	137	0.4	0.2	3/8	81	2	1/4

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dB	m/s ²	inch
PG-6171	70000		0.1	75	1/8	3	1	28.3	TBD		0.5	0.2	3/8	72	2	1/4
PG-6270	40000		0.2	149	1/8 1/4	3 6	1	28.3	165cm with air hose		0.9	0.4	3/8	TBD	TBD	1/4

Grinder



PG-8500 1HP Air Angle grinder with Governor

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- Powerful 1HP (745W) motor and speed at 12000rpm
- Internal governor maximizes speed under load, thus increasing productivity
- Safety-lock throttle lever prevents accidental start-up
- Steel housing withstands tough operating conditions
- 5/8"-11 or M14*2 spindle thread
- Option : lightweight aluminum housing @1.8kg



PG-8401 0.9HP Air Angle Grinder with Governor

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- Powerful 0.9 HP (671W) motor and speed at 13600rpm
- Lightweight aluminum housing withstands tough operating conditions
- 3/8"-24 or M8*1.25 spindle thread



PG-8501 0.9HP Air Angle Grinder with Governor

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- Powerful 0.9 HP (671W) motor and speed at 10900rpm
- Lightweight aluminum housing withstands tough operating conditions
- 5/8"-11 、 M8*1.25 、 M4*1.5 、 M14*2 spindle thread



PG-8700 2HP Air Angle Grinder with Governor

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- Powerful 2 HP (1492W) motor and speed at 7600rpm
- Lightweight aluminum housing withstands tough operating conditions



PG-8900 2.5HP Air Angle Grinder with Governor

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- Powerful 2.5 HP (1865W) motor and speed at 5900rpm
- Lightweight aluminum housing withstands tough operating conditions

Specification

Model No.	Free Speed	Motor		Spindle Size	Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm	HP	W	inch	cfm	l/min	inch	mm	lb	kg	inch	dBa	m/s ²	inch
PG-8500	12000	1	745	5/8-11	3.5	99	11	280	5	2.3	3/8	86	4.9	1/4
PG-8401	13600	0.9	671	3/8-24 M8*1.25	6	170	9.7	246	2.9	1.3	3/8	90	4.1	1/4
PG-8501	10900	0.9	671	5/8-11 M8*1.25 M4*1.5 M14*2	6	170	9.7	246	3.1	1.4	3/8	89.5	4.2	1/4

Specification

Model No.	Free Speed	Motor		Spindle Size	Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm	HP	W	inch	cfm	l/min	inch	mm	lb	kg	inch	dBa	m/s ²	inch
PG-8700	7600	2	1492	5/8-11	6	170	11.8	300	6.6	3	1/2	89.2	4.7	1/4
PG-8900	5900	2.5	1865	5/8-11	6.8	178	12.2	310	9	4.1	1/2	92.9	1.4	1/4

Grinder



PG-8403 1.3HP Heavy Duty Air Angle Grinder

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- ANSI compliance wheel guard design
- Heavy duty air cooled spiral gears and double bearings for durability
- The trigger can be opened and adjust the shroud up to 55 degree
- Ergonomic composite grip for comfort and reduce vibration
- One piece housing reduces maintenance costs
- Safety lock-throttle lever
- Side handle for left & right
- 3/8"-24 or M10*1.5 spindle thread



PG-8404 1.3HP Heavy Duty Air Angle Grinder

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- ANSI compliance wheel guard design
- Heavy duty air cooled spiral gears and double bearings for durability
- The trigger can be opened and adjust the shroud up to 55 degree
- Ergonomic composite grip for comfort and reduce vibration
- One piece housing reduces maintenance costs
- Safety lock-throttle lever
- Side handle for left & right
- 5/8"-11 or M14*2 spindle thread



PG-8503 1.3HP Heavy Duty Air Angle Grinder

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- ANSI compliance wheel guard design
- Heavy duty air cooled spiral gears and double bearings for durability
- The trigger can be opened and adjust the shroud up to 55 degree
- Ergonomic composite grip for comfort and reduce vibration
- One piece housing reduces maintenance costs
- Safety lock-throttle lever
- Side handle for left & right
- 5/8"-11 or M14*2 spindle thread



PG-8402 0.7HP Heavy Duty Air Angle Grinder with Governor

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- Powerful 0.7HP (522W) of motor and high free speed at 12,000rpm
- Internal governor maximizes speed under load, thus increasing productivity
- Auxiliary side handle for left/ right hand operation
- Throttle lever with safety lock out avoids accidental start-ups



PG-8502 0.7HP Heavy Duty Air Angle Grinder with Governor

- Governed air motor (+0~-15% speed control) for safe use and maximum power and speed under load
- Powerful 0.7HP (522W) of motor and high free speed at 12,000rpm
- Internal governor maximizes speed under load, thus increasing productivity
- Auxiliary side handle for left/ right hand operation
- Throttle lever with safety lock out avoids accidental start-ups

Specification

Model No.	Free Speed		Motor		Spindle Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch		cfm	l/min	inch	mm	lb	kg	inch	dBa	m/s ²	inch
PG-8403	11000		1.3	970	3/8-24 M10*1.5		4.2	119	9	230	4	3/8	3/8	86	2.1	1/4
PG-8404	11000		1.3	970	5/8-11 M14*2		4.2	119	9	230	4	3/8	3/8	86	2.1	1/4
PG-8503	11000		1.3	970	5/8-11 M14*2		4.2	119	9	230	4	3/8	3/8	86	2.1	1/4

Specification

Model No.	Free Speed		Motor		Spindle Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch		cfm	l/min	inch	mm	lb	kg	inch	dBa	m/s ²	inch
PG-8402	12000		0.7	522	3/8-24		6	170	9	229	3.5	1.6	3/8	80	3	1/4
PG-8502	12000		2.5	1865	5/8-11		6	170	9	229	3.5	1.6	3/8	80	3	1/4

Grinder



PG-3300 0.3HP Air Angle Die Grinder with Erickson Collet

- Erickson collet for precise attachment grip
- Powerful 0.3 HP (224W) motor and high speed at 19000rpm
- Safety-lock throttle lever prevents accidental start-up
- Lightweight aluminum housing withstands tough operating conditions



PG-3500 0.5HP Heavy Duty Air Angle Air Die Grinder

- Collect&spindle in one, grinding stable on the work area
- Industrial angle head designed to enhance the life of 2.5 times
- Long lasting motor with copper-infiltrated
- Safety trigger used comfortable
- TPR injected comfortable housing design also helps reduce vibration
- The user changed air swivel exhaust 360°



PG-3401 0.4HP Heavy Duty Air Angle Die Grinder with Erickson Collet

- Erickson collet for precise attachment grip
- Powerful 0.4 HP (299W) motor and high speed at 20000rpm
- Safety-lock throttle lever prevents accidental start-up
- Lightweight aluminum housing withstands tough operating conditions



PG-3402 0.3HP Air Angle Die Grinder

- Paddle lever with spring loaded safety latch
- Lightweight aluminum body with composite grip for superior comfort
- Rear exhaust



PG-3303 0.3HP Air Angle Air Die Grinder

- Collect&spindle in one, grinding stable on the work area
- Industrial angle head designed to enhance the life of 2.5 times
- Long lasting motor with copper-infiltrated
- Safety trigger used comfortable
- TPR injected comfortable housing design also helps reduce vibration
- The user changed air swivel exhaust 360°



PG-3403 0.45HP Medium Air Angle Die Grinder

- Paddle lever with spring loaded safety latch
- Lightweight aluminum body with composite grip for superior comfort
- Rear exhaust

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dB	m/s ²	inch
PG-3300	19000		0.3	224	1/4	6	3.8	107.6	6.5	165	1.2	0.6	3/8	91.8	2.6	1/4
PG-3401	20000		0.4	299	1/4	6	3	85	7.2	182	1.3	0.6	3/8	75	2.4	1/4
PG-3303	18000		0.3	221	1/4	6	3	84	6.6	168	1.2	0.5	3/8	81.5	4.5	1/4

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dB	m/s ²	inch
PG-3500	13000		0.5	373	1/4	6	3.5	99	7.3	185	1.6	0.7	3/8	80	5	1/4
PG-3402	22000		0.3	224	1/4	6	2.7	76	6.2	158	1.2	0.5	3/8	85	<2.5	1/4
PG-3403	18000		0.45	336	1/4	6	4	113	6.7	170	1.8	0.8	3/8	85	<2.5	1/4

Grinder



PG-3301 0.3HP 115° Air Angle Die Grinder

- 115° head for access to awkward locations
- Powerful 0.3 HP (224W) motor and high speed at 22000rpm
- Feather trigger for better speed control
- Lightweight aluminum housing withstands tough operating conditions
- Rear exhaust



PG-3404 0.45HP 115° Air Angle Die Grinder

- 115° head for access to awkward locations
- Powerful 0.45 HP (336W) motor and high speed at 18000rpm
- Feather trigger for better speed control
- Lightweight aluminum housing withstands tough operating conditions
- Rear exhaust



PG-3302 78dB Low Noise Heavy Duty Air Angle Die Grinder

- Soft grip for a durable and comfortable use
- Muffle design, only 78dB low noise
- Safety trigger, protect and prevent for safety

Specification

Model No.	Free Speed	Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm	HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dB(A)	m/s ²	inch
PG-3301	22000	0.3	224	1/4	6	2.7	76	7.3	185	1.2	0.6	3/8	85	<2.5	1/4
PG-3404	18000	0.45	336	1/4	6	4	113	7.8	197	1.8	0.8	3/8	85	<2.5	1/4
PG-3302	20000	0.35	257	1/4	6	2.4	68	6.7	169	1.4	0.7	3/8	78	2.2	1/4



Grinder



PG-0400 0.4HP Heavy Duty Air Die Grinder with Erickson Collet

- Compact Erickson collect chuck design can reduce run-out
- Powerful 0.4 HP (299W) motor and high speed at 25000rpm
- Safety-lock throttle lever prevents accidental start-up
- Lightweight aluminum housing withstands tough operating conditions



PG-0100 1HP Heavy Duty Air Die Grinder with Erickson Collet

- Compact Erickson collect chuck design can reduce run-out
- One-piece governor design for safety and easy replacement
- Rear exhaust, the extended muffler tool for larger hands and reduces noise
- Safety-lock throttle lever prevents accidental start-up and adjustable speed control
- Aluminum Housing



PG-0700 0.7HP Heavy Duty Air Die Grinder with Erickson Collet

- Compact Erickson collect chuck design can reduce run-out
- Powerful 0.6HP (448W) motor and high speed at 22000rpm
- Safety-lock throttle lever prevents accidental start-up
- Lightweight aluminum housing withstands tough operating conditions



PG-0402 0.3HP Mini Straight Air Die Grinder

- Small and lightweight design for easy operation, and greater access to tight spots
- Safety-lock throttle lever prevents accidental start-up
- Lightweight aluminum housing withstands tough operating conditions
- 360° adjust side exhaust



PG-0601 0.6HP Heavy Duty Air Die Grinder with Erickson Collet

- Compact Erickson collect chuck design can reduce run-out
- Powerful 0.6 HP (448W) motor and high speed at 22000rpm
- Safety-lock throttle lever prevents accidental start-up
- Composite housing prevent cold feel for operator comfort



PG-0403 0.45HP Mini Medium Air Die Grinder

- Small and lightweight design for easy operation, and greater access to tight spots
- Safety-lock throttle lever prevents accidental start-up
- Lightweight aluminum housing withstands tough operating conditions
- 360° adjust side exhaust

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dBa	m/s ²	inch
PG-0400	25000		0.4	299	1/4	6	2.5	70.8	7.1	179	1	0.5	3/8	75	2.5	1/4
PG-0700	22000		0.6	448	1/4	6	3.7	105.6	8.1	205	2	0.9	3/8	94	1.2	1/4
PG-0601	22000		0.6	448	1/4	6	3	85	7.8	198	1.6	0.7	3/8	78	2.6	1/4

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dBa	m/s ²	inch
PG-0100	20000		1	745	1/4	6	3.9	110	8.7	220	1.8	0.8	3/8	80	4.9	1/4
PG-0402	25000		0.3	224	1/4	6	2.7	76	5.9	150	0.8	0.4	3/8	85	<2.5	1/4
PG-0403	22000		0.45	336	1/4	6	4	113	6.7	170	1.5	0.7	3/8	85	<2.5	1/4

Grinder



PG-0306 78dB Low Noise Heavy Duty Air Die Grinder

- Patent design, push to Lock spindle for quick change
- Soft grip for a durable and comfortable use
- Muffle design, only 78dB low noise
- Safety trigger, protect and prevent for safety



PG-0307 0.3HP Air Die Grinder

- 0.3 HP (224W) motor and high speed at 25000rpm
- Lightweight composite body for superior comfort



PG-0308 0.6HP Medium Die Grinder

- 0.6 HP (448W) motor and high speed at 22000rpm
- Aluminum housing withstands tough operating conditions
- Rear exhaust air flow system directs air away from work surface



PG-0101 1HP Industry Air Die Grinder

- Powerful 1 HP (745W) motor and high speed at 21000rpm
- Safety-lock throttle lever prevents accidental start-up
- 360° adjust side exhaust
- Optional 1/4" (6mm) or 3/8" (8mm) collet



PG-0900 1/4" (6mm) Air Die Grinder

- Powerful 0.9 HP (671W) motor and high speed at 24000rpm
- Safety-lock throttle lever prevents accidental start-up
- Lightweight aluminum housing withstands tough operating conditions

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dB	m/s ²	inch
PG-0306	25000		0.35	257	1/4	6	2.8	79	7.3	185	1.2	0.6	3/8	78	2.2	1/4
PG-0101	21000		1	745	1/4 3/8	6 8	5	141	12.4	315	3.6	1.7	3/8	82.5	1.1	1/4

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm		HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dB	m/s ²	inch
PG-0307	25000		0.3	224	1/4	6	3.5	99	6.3	159	0.8	0.4	1/4	TBD	TBD	1/4
PG-0308	22000		0.6	448	1/4	6	3.5	99	6.9	175	1.2	0.6	1/4	TBD	TBD	1/4
PG-0900	19000		0.9	671	1/8 1/4	3 6	15.2	430	7.4	188	1.7	0.8	3/8	93	0.8	1/4

Grinder



PG-0309 0.3HP Heavy Duty Air Die Grinder

- Collect&spindle in one, grinding stable on the work area
- Two front bearing designed to withstand the heavy duty
- Long lasting motor with copper-infiltrated
- Safety trigger used comfortable
- TPR injected comfortable housing design also helps reduce vibration
- The user changed air swivel exhaust 360°



PG-0501 0.5HP Heavy Duty Air Die Grinder

- Collect&spindle in one, grinding stable on the work area
- Two front bearing designed to withstand the heavy duty
- Long lasting motor with copper-infiltrated
- Safety trigger used comfortable
- TPR injected comfortable housing design also helps reduce vibration
- The user changed air swivel exhaust 360°



PG-3200 1/4" (6mm) Pistol Type Air Die Grinder

- Pistol type for superior convenience
- Lightweight composite body for superior comfort
- Handle exhaust
- Swivel air inlet



PG-6371 1/8" (3mm) Micro Air Die Grinder

- 1/8" collet accepts most accessories on the market
- Variable speed to accommodate a variety of cutting, grinding, polishing or deburring applications
- Easy twist on/off switch
- Come with flexible nylon hose with a slip-on shield for added protection, two collet wrenches and nipple



PG-7070 1/8" (3mm) Micro Air Angle Die Grinder

- 1/8" collet accepts most accessories on the market
- Variable speed to accommodate a variety of cutting, grinding, polishing or deburring applications
- Easy twist on/off switch
- Front exhaust



PG-9000 15 Piece Air Die Grinder Kit

- Compact, lightweight die cast aluminum housing
- Paddle trigger with safety
- Rear exhaust
- Comes with 1/4"(6mm) collet, 1/8"(3mm) collet, 10 grinding wheels and carrying case

- Contents**
- 1pc 1/4" Air Die Grinder
 - 1pc 1/8" Collet
 - 10pcs Mounted Points with 1/8" & 1/4" Diameter Shanks
 - 1pc 1/4" BSP Nipple
 - 2pcs Spanners

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm	HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dBa	m/s ²	inch	
PG-0309	25000	0.3	299	1/4	6	3	84	6.2	158	1	0.5	3/8	81.5	0.5	1/4	
PG-0501	20000	0.5	373	1/4	6	3.5	99	7.4	188	1.4	0.6	3/8	80	0.5	1/4	
PG-3200	15000	0.25	187	1/4	6	3	85	4.7	120	1.1	0.5	3/8	78.1	2.5	1/4	

Specification

Model No.	Free Speed		Motor		Collet Size		Avg. Air Cons.		Overall Length		Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	rpm	HP	W	inch	mm	cfm	l/min	inch	mm	lb	kg	inch	dBa	m/s ²	inch	
PG-6371	54000	0.05	37	1/8	3	3.5	96	5.3	135	0.3	0.1	3/8	84	0.5	1/4	
PG-7070	21000	0.093	63	1/4	6	8.5	240	6.3	160	0.5	0.2	3/8	83	2.4	1/4	
PG-9000	22000	0.5	373	1/8 1/4	3 6	12.4	350	6.9	175	1.3	0.6	3/8	92	0.8	1/4	