
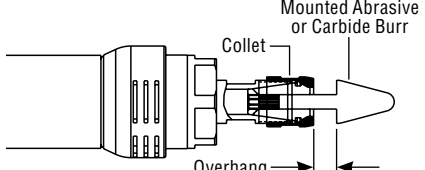


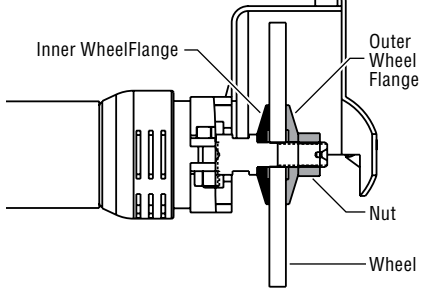

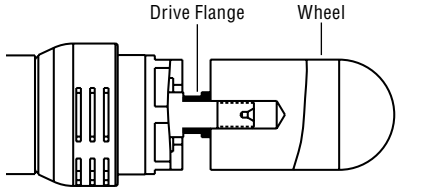

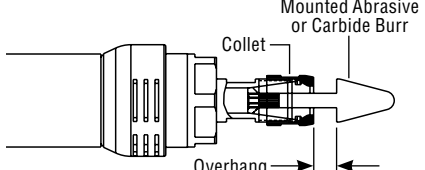

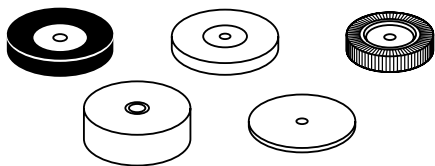


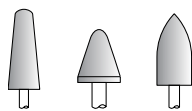
## Horizontal Die Grinders

Page Number	Application	Abrasive Type/Size	Model Series	Power Output	Mounting of Abrasives
58		<ul style="list-style-type: none"> <li>• Carbide Burrs</li> <li>• Mounted Stones</li> <li>• Flap Wheels</li> <li>• Sanding Abrasives w/Shank Mounting</li> </ul>	300GE 307GE 300HGE 307HGE	0.7 H.P. (600 W)	 <p style="text-align: center;">Overhang: 1/2 Inch Max</p>
59		<ul style="list-style-type: none"> <li>• Carbide Burrs</li> <li>• Mounted Stones</li> <li>• Flap Wheels</li> <li>• Sanding Abrasives w/Shank Mounting (3/8" Shank Size Max.)</li> </ul>	400GE 400HGE 400GT (collet) 400HGE+3 400HGE+6	1.2 H.P. (900 W)	
60		<ul style="list-style-type: none"> <li>• Type 1 Wheels</li> </ul>	400GT 407GT 400GT+3 400GT+6	1.2 H.P. (900 W)	
61		<ul style="list-style-type: none"> <li>• Cone Wheels</li> </ul>	400GTCW 407GTCW	1.2 H.P. (900 W)	
62		<ul style="list-style-type: none"> <li>• Flap Wheels</li> <li>• Sanding Abrasives w/Shank Mounting (3/8" Shank Size Max.)</li> </ul>	300HGE3M 300HGE5M 300HGE8M  400HGE3M 400HGE5M 400HGE8M	0.7 H.P. (600 W)  1.2 H.P. (900 W)	 <p style="text-align: center;">Overhang: 1/2 Inch Max</p>
63		<ul style="list-style-type: none"> <li>• Flap Wheels</li> <li>• Sanding Abrasives (5/8" or 1" ID Mount)</li> </ul>	300GT3M 300GT5M 300GT8M  400GT3M 400GT5M 400GT8M	0.7 H.P. (600 W)  1.2 H.P. (900 W)	

See Model Page for Abrasive Mounting Details.



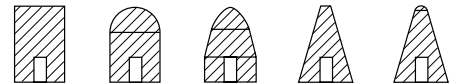
Sanding Abrasives



Mounted Stones



Carbide Burrs



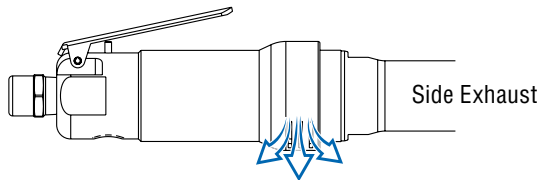
Cone Wheels

## LEVER STYLE

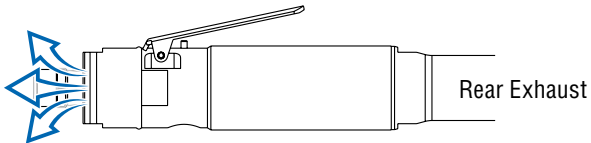


Safety Lever    Standard Lever

## EXHAUST DIRECTION



Side Exhaust



Rear Exhaust



Rear exhaust overhose for the 300 Series  
Only available on Rear Exhaust tools.



Rear exhaust overhose for the 400 Series  
Only available on Rear Exhaust tools.

## CASE MATERIAL



Aluminum Case Material    Steel Case Material

The choice of case material affects the weight and durability of the tool. By its nature, aluminum is lighter in weight than steel. Steel is more durable in aggressive environments.



## Die Grinders (Collet Output)

### 300GE Series & 307GE Series



**300GEK;30000;1/4**

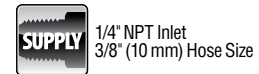
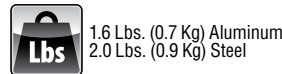
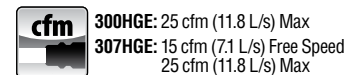
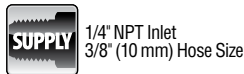
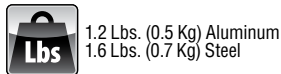
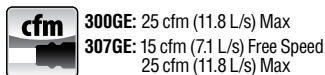
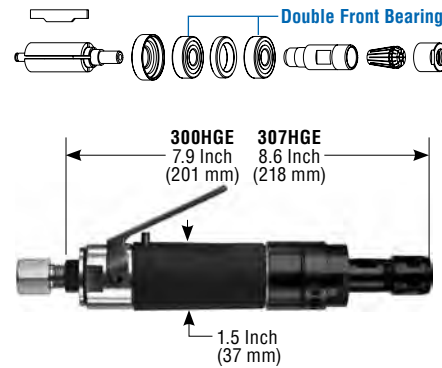
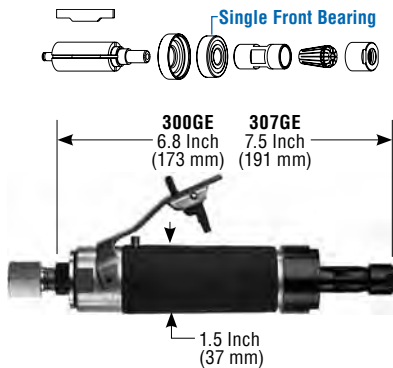
### 300HGE Series & 307HGE Series



**300HGE;30000;1/4**

Collet Type/Capacity	Exhaust Direction	Max. Rated Speed	Lever Style	MODEL NUMBER
ER Style Insert Collet 3/8 Inch (8 mm) Maximum	Rear	30,000 RPM	Standard Lever	300GE;30000;1/4
			Safety Lever	300GEK;30000;1/4
		25,000 RPM	Standard Lever	300GE;25000;1/4
			Safety Lever	300GEK;25000;1/4
		20,000 RPM	Standard Lever	307GE;20000;1/4
			Safety Lever	307GEK;20000;1/4
		18,000 RPM	Standard Lever	307GE;18000;1/4
			Safety Lever	307GEK;18000;1/4

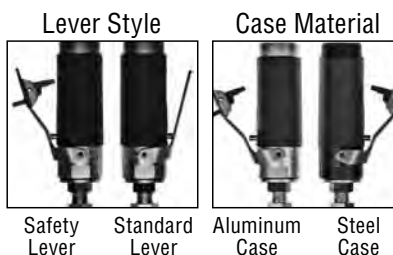
Collet Type/Capacity	Exhaust Direction	Max. Rated Speed	Lever Style	MODEL NUMBER
Double Front Bearing ER Style Insert Collet 3/8 Inch (8 mm) Maximum	Rear	30,000 RPM	Standard Lever	300HGER;30000;1/4
			Safety Lever	300HGERK;30000;1/4
		25,000 RPM	Standard Lever	300HGER;25000;1/4
			Safety Lever	300HGERK;25000;1/4
		20,000 RPM	Standard Lever	307HGER;20000;1/4
			Safety Lever	307HGERK;20000;1/4
	18,000 RPM	Standard Lever	307HGER;18000;1/4	
		Safety Lever	307HGERK;18000;1/4	
	Side	30,000 RPM	Standard Lever	300HGE;30000;1/4
			Safety Lever	300HGEK;30000;1/4
		25,000 RPM	Standard Lever	300HGE;25000;1/4
			Safety Lever	300HGEK;25000;1/4
	20,000 RPM	Standard Lever	307HGE;20000;1/4	
		Safety Lever	307HGEK;20000;1/4	
18,000 RPM	Standard Lever	307HGE;18000;1/4		
	Safety Lever	307HGEK;18000;1/4		



#### STANDARD EQUIPMENT

- Tool
- Operating Instructions and Service Manual
- Wrenches (sizes based on options)

#### 300GE, 307GE, 300HGE & 307HGE Alternate Options



#### Inserted Tool Mounting



The 300GE is available with a front exhaust.

## Die Grinders (Collet Output)

### 400GE Series



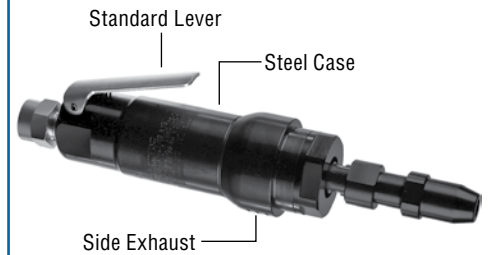
400GESK;20000;1/4

### 400HGE Series



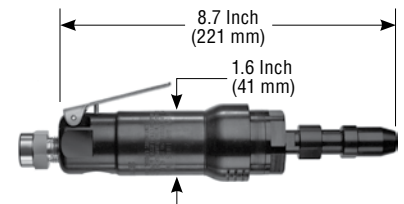
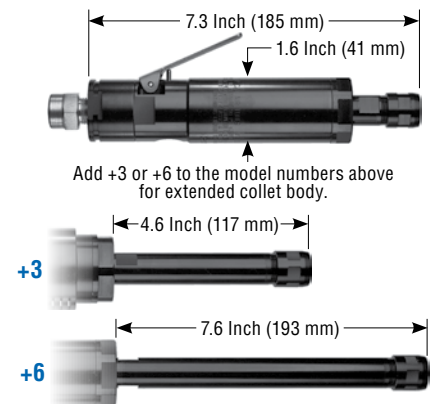
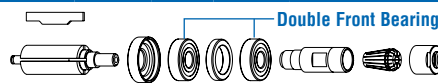
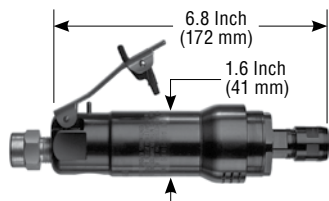
400HGSR;20000;1/4

### 400GT Series



400GTS4;20000;1/4

Collet Type/Capacity	Exhaust Direction	Max. Rated Speed	Lever Style	MODEL NUMBER	Collet Type/Capacity	Exhaust Direction	Max. Rated Speed	Lever Style	MODEL NUMBER	Collet Type/Capacity	Exhaust Direction	Max. Rated Speed	Lever Style	MODEL NUMBER
ER Style Insert Collet	Side	20,000 RPM	Standard	400GES;20000;1/4	Double Front Bearing	Side	20,000 RPM	Standard	400HGES;20000;1/4	Bullet Shaped TC-1010 Collet	Side	20,000 RPM	Standard	400GTS;20000;1/4
		18,000 RPM	Safety	400GESK;20000;1/4			18,000 RPM	Safety	400HGSK;20000;1/4			18,000 RPM	Safety	400GTSK;20000;1/4
	18,000 RPM	Standard	400GES;18000;1/4	18,000 RPM		Standard	400HGES;18000;1/4	18,000 RPM	Standard		400GTS;18000;1/4			
	18,000 RPM	Safety	400GESK;18000;1/4	18,000 RPM		Safety	400HGSK;18000;1/4	18,000 RPM	Safety		400GTSK;18000;1/4			
3/8 Inch (8 mm) Maximum	Rear	20,000 RPM	Standard	400GESR;20000;1/4	ER Style Insert Collet	Rear	20,000 RPM	Standard	400HGSR;20000;1/4	1/4 Inch Only	Rear	20,000 RPM	Standard	400GTSR;20000;1/4
		18,000 RPM	Safety	400GESRK;20000;1/4			18,000 RPM	Safety	400HGSRK;20000;1/4			18,000 RPM	Safety	400GTSRK;20000;1/4
	18,000 RPM	Standard	400GESR;18000;1/4	18,000 RPM		Standard	400HGSR;18000;1/4	18,000 RPM	Standard		400GTSR;18000;1/4			
	18,000 RPM	Safety	400GESRK;18000;1/4	18,000 RPM		Safety	400HGSRK;18000;1/4	18,000 RPM	Safety		400GTSRK;18000;1/4			



**HP** 1.2 H.P. (900 W)  
**cfm** 35 cfm (16.5 L/s) Max  
**Lbs** 1.8 Lbs. (0.8 Kg) Aluminum  
2.4 Lbs. (1.1 Kg) Steel  
**SUPPLY** 3/8" NPT Inlet  
1/2" (13mm) Hose Size

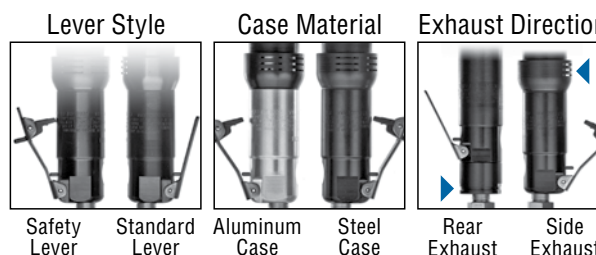
**HP** 1.2 H.P. (900 W)  
**cfm** 35 cfm (16.5 L/s) Max  
**Lbs** 1.8 Lbs. (0.8 Kg) Aluminum  
2.4 Lbs. (1.1 Kg) Steel  
**SUPPLY** 3/8" NPT Inlet  
1/2" (13mm) Hose Size

**HP** 1.2 H.P. (900 W)  
**cfm** 35 cfm (16.5 L/s) Max  
**Lbs** 2.0 Lbs. (0.9 Kg) Aluminum  
2.6 Lbs. (1.2 Kg) Steel  
**SUPPLY** 3/8" NPT Inlet  
1/2" (13mm) Hose Size

### STANDARD EQUIPMENT

- Tool
- Operating Instructions and Service Manual
- Wrenches (sizes based on options)

### 400GE, 400GT & 400HGE Alternate Options



Front Exhaust option is available on all 400 Series Die Grinders.

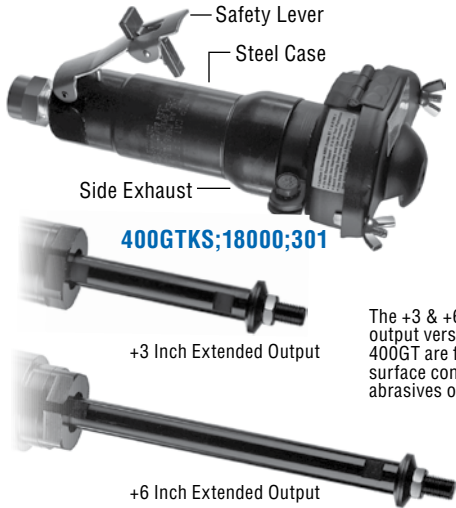
### Inserted Tool Mounting





## Die Grinders (Type 1, Type 1 Cut-Off, Type 41 Wheels)

### 400GT / 400GT+3 / 400GT+6 Series

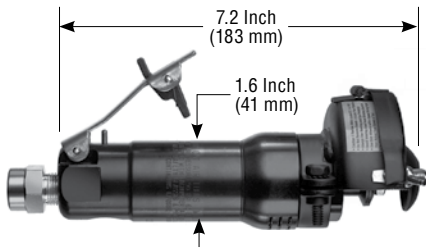


The +3 & +6 extended output versions of the 400GT are for use with surface conditioning abrasives only.

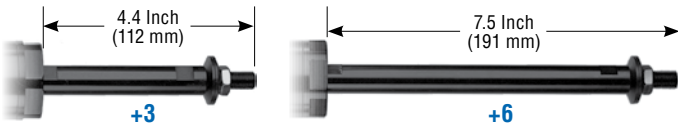
### 407GT Series



Guard/Wheel Size	Max. Rated Speed	Exhaust Direction	Lever Style	MODEL NUMBER	Guard/Wheel Size	Max. Rated Speed	Exhaust Direction	Lever Style	MODEL NUMBER
3 Inch (75 mm)	18,000 RPM	Side	Standard Lever	<b>400GTS;18000;301</b>	4 Inch (100 mm)	15,000 RPM	Side	Standard Lever	<b>407GTS;15000;401</b>
			Safety Lever	<b>400GTSK;18000;301</b>				Safety Lever	<b>407GTSK;15000;401</b>
		Rear	Standard Lever	<b>400GTSR;18000;301</b>					
			Safety Lever	<b>400GTSRK;18000;301</b>					



Add +3 or +6 to the model numbers above for extended output.



1.2 H.P.  
(900 W)



35 cfm  
(16.5 L/s) Max



2.4 Lbs. (1.1 Kg) Aluminum  
3.0 Lbs. (1.4 Kg) Steel



3/8" NPT Inlet  
1/2" (13mm) Hose Size



1.2 H.P.  
(900 W)



35 cfm  
(16.5 L/s) Max



2.8 Lbs. (1.3 Kg) Aluminum  
3.4 Lbs. (1.5 Kg) Steel

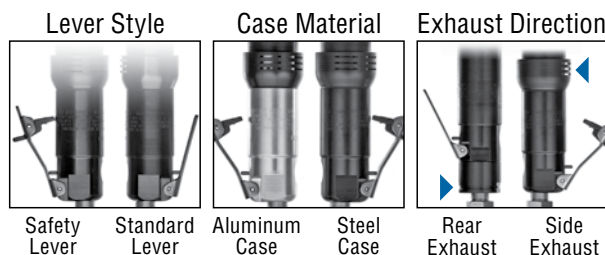


3/8" NPT Inlet  
1/2" (13mm) Hose Size

#### STANDARD EQUIPMENT

- Tool
- Operating Instructions and Service Manual
- Wrenches (sizes based on options)

#### 400GT & 407GT Alternate Options

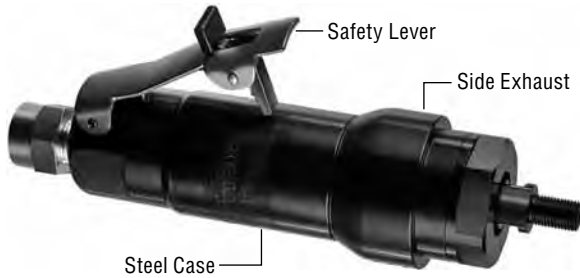


#### Type 1 Wheel



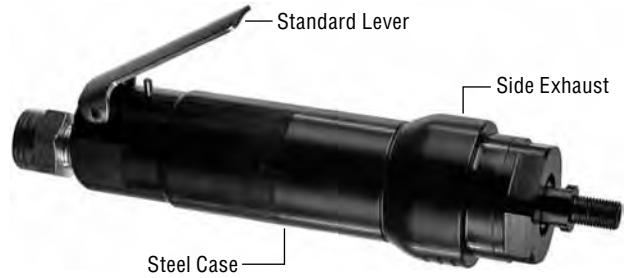
## Die Grinders (3/8-24 Cone Wheels)

### 400GTCW Series



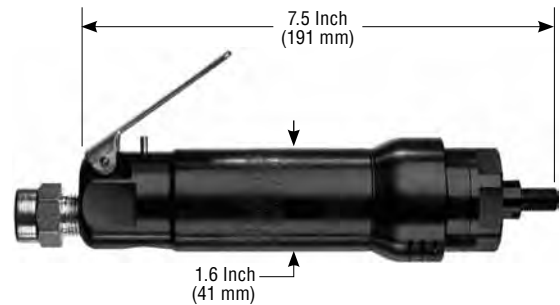
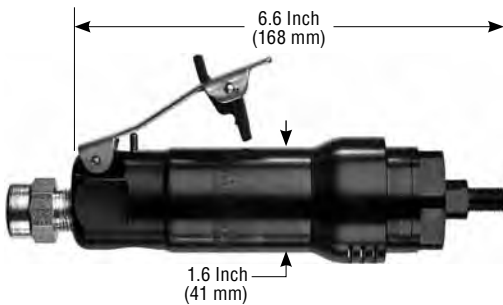
**400GTSKCW;18000**

### 407GTCW Series



**407GTSCW;15000**

Max. Rated Speed	Exhaust Direction	Lever Style	MODEL NUMBER	Max. Rated Speed	Exhaust Direction	Lever Style	MODEL NUMBER
18,000 RPM	Side	Standard Lever	400GTSCW;18000	15,000 RPM	Side	Standard Lever	407GTSCW;15000
		Safety Lever	400GTSKCW;18000			Safety Lever	407GTSKCW;15000
	Rear	Standard Lever	400GTSRCW;18000				
		Safety Lever	400GTSRKCW;18000				



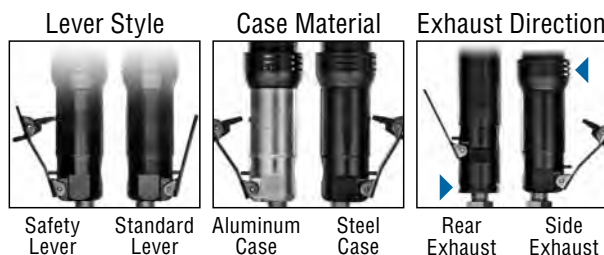
1.2 H.P. (900 W)	35 cfm (16.5 L/s) Max
1.9 Lbs. (0.9 Kg) Aluminum 2.5 Lbs. (1.1 Kg) Steel	3/8" NPT Inlet 1/2" (13mm) Hose Size

1.2 H.P. (900 W)	35 cfm (16.5 L/s) Max
2.0 Lbs. (0.9 Kg) Aluminum 2.6 Lbs. (1.2 Kg) Steel	3/8" NPT Inlet 1/2" (13 mm) Hose Size

#### STANDARD EQUIPMENT

- Tool
- Operating Instructions and Service Manual
- Wrenches (sizes based on options)

#### 400GTCW & 407GTCW Alternate Options

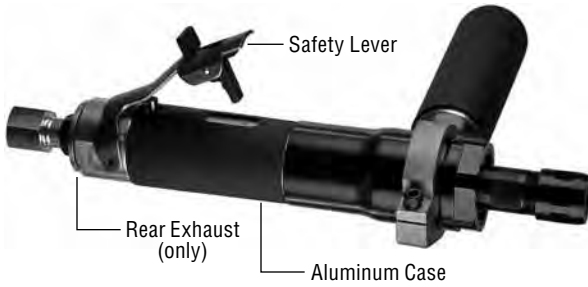


#### Cone Wheel Mounting



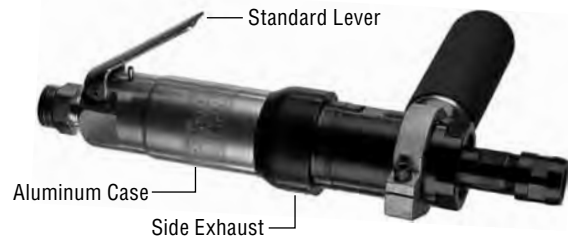
## Geared Die Grinders (Collet Output)

### 300HGE(X)M Series



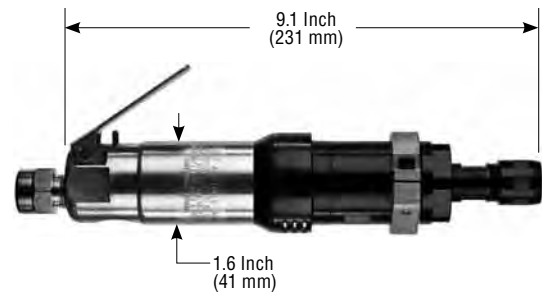
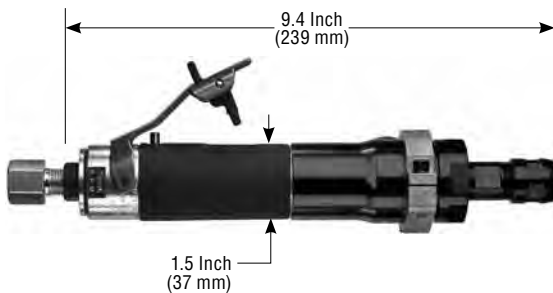
**300HGE3MRK;8250;1/4**

### 400HGE(X)M Series



**400HGE3M;5500;1/4**

Output	Gear Ratio/Max. Rated Speed	Exhaust Direction	Lever Style	300HGE(X)M Series MODEL NUMBER	400HGE(X)M Series MODEL NUMBER
Double Front Bearing ER Style Insert Collet 3/8 Inch (8 mm) Maximum	3:1 300HGE3M - 8250 RPM 400HGE3M - 5500 RPM	Side Exhaust	Standard Lever		400HGE3M;5500;1/4
			Safety Lever		400HGE3MK;5500;1/4
		Rear Exhaust	Standard Lever	300HGE3MR;8250;1/4	400HGE3MR;5500;1/4
			Safety Lever	300HGE3MRK;8250;1/4	400HGE3MRK;5500;1/4
	5:1 300HGE5M - 6000 RPM 400HGE5M - 4000 RPM	Side Exhaust	Standard Lever		400HGE5M;4000;1/4
			Safety Lever		400HGE5MK;4000;1/4
		Rear Exhaust	Standard Lever	300HGE5MR;6000;1/4	400HGE5MR;4000;1/4
			Safety Lever	300HGE5MRK;6000;1/4	400HGE5MRK;4000;1/4
	8:1 300HGE8M - 3750 RPM 400HGE8M - 2500 RPM	Side Exhaust	Standard Lever		400HGE8M;2500;1/4
			Safety Lever		400HGE8MK;2500;1/4
		Rear Exhaust	Standard Lever	300HGE8MR;3750;1/4	400HGE8MR;2500;1/4
			Safety Lever	300HGE8MRK;3750;1/4	400HGE8MRK;2500;1/4



0.7 H.P.  
(600 W)



25 cfm  
(11.8 L/s) Max



2.4 Lbs. (1.1 Kg) Aluminum  
3.0 Lbs. (1.4 Kg) Steel



1/4" NPT Inlet  
3/8" (10 mm) Hose Size



1.2 H.P.  
(900 W)



35 cfm  
(16.5 L/s) Max



3.1 Lbs. (1.4 Kg) Aluminum  
3.7 Lbs. (1.7 Kg) Steel

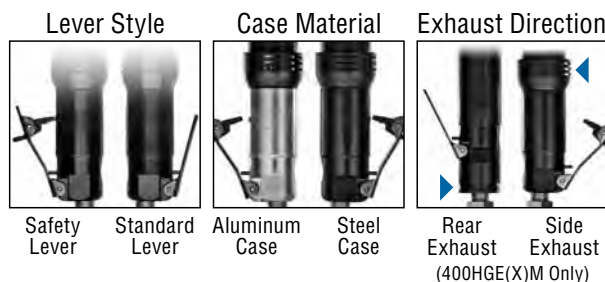


3/8" NPT Inlet  
1/2" (13mm) Hose Size

#### STANDARD EQUIPMENT

- Tool
- Operating Instructions and Service Manual
- Wrenches (sizes based on options)

#### 300HGE(X)M & 400HGE(X)M Alternate Options



#### Inserted Tool Mounting



## Geared Die Grinders for Surface Conditioning Abrasives

### 300GT(X)M Series



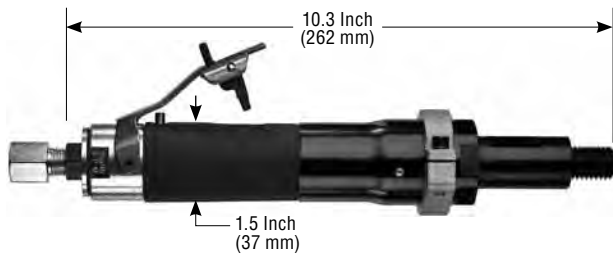
**300GT3MK;8250;T5/8**

### 400GT(X)M Series

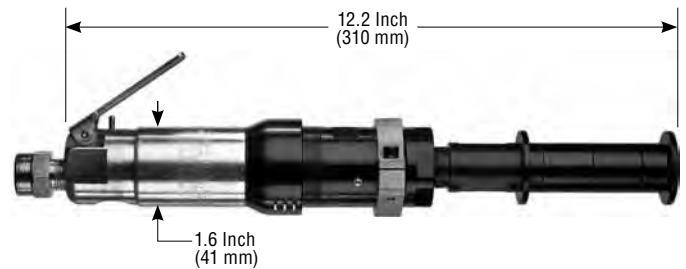


**400GT3M;5500;S1**

Output	Gear Ratio/Max. Rated Speed	Exhaust Direction	Lever Style	300GT(X)M Series MODEL NUMBER	400GT(X)M Series MODEL NUMBER
S1 Combination Arbor 1" - 4" Wide Surface Conditioning Abrasives	3:1 300GT3M: 8250 RPM 400GT3M: 5500 RPM	Side Exhaust	Standard Lever		400GT3M;5500;S1
		Side Exhaust	Safety Lever		400GT3MK;5500;S1
		Rear Exhaust	Standard Lever	<b>300GT3MR;8250;S1</b>	<b>400GT3MR;5500;S1</b>
		Rear Exhaust	Safety Lever	<b>300GT3MRK;8250;S1</b>	<b>400GT3MRK;5500;S1</b>
	5:1 300GT5M: 6000 RPM 400GT5M: 4000 RPM	Side Exhaust	Standard Lever		400GT5M;4000;S1
		Side Exhaust	Safety Lever		400GT5MK;4000;S1
		Rear Exhaust	Standard Lever	<b>300GT5MR;6000;S1</b>	<b>400GT5MR;4000;S1</b>
		Rear Exhaust	Safety Lever	<b>300GT5MRK;6000;S1</b>	<b>400GT5MRK;4000;S1</b>
	8:1 300GT8M: 3750 RPM 400GT8M: 2500 RPM	Side Exhaust	Standard Lever		400GT8M;2500;S1
		Side Exhaust	Safety Lever		400GT8MK;2500;S1
		Rear Exhaust	Standard Lever	<b>300GT8MR;3750;S1</b>	<b>400GT8MR;2500;S1</b>
		Rear Exhaust	Safety Lever	<b>300GT8MRK;3750;S1</b>	<b>400GT8MRK;2500;S1</b>
T5/8 Mounting Wheels That Have a 5/8-11 Thread	3:1 300GT3M: 8250 RPM 400GT3M: 5500 RPM	Side Exhaust	Standard Lever		400GT3M;5500;T5/8
		Side Exhaust	Safety Lever		400GT3MK;5500;T5/8
		Rear Exhaust	Standard Lever	<b>300GT3MR;8250;T5/8</b>	<b>400GT3MR;5500;T5/8</b>
		Rear Exhaust	Safety Lever	<b>300GT3MRK;8250;T5/8</b>	<b>400GT3MRK;5500;T5/8</b>
	5:1 300GT5M: 6000 RPM 400GT5M: 4000 RPM	Side Exhaust	Standard Lever		400GT5M;4000;T5/8
		Side Exhaust	Safety Lever		400GT5MK;4000;T5/8
		Rear Exhaust	Standard Lever	<b>300GT5MR;6000;T5/8</b>	<b>400GT5MR;4000;T5/8</b>
		Rear Exhaust	Safety Lever	<b>300GT5MRK;6000;T5/8</b>	<b>400GT5MRK;4000;T5/8</b>
	8:1 300GT8M: 3750 RPM 400GT8M: 2500 RPM	Side Exhaust	Standard Lever		400GT8M;2500;T5/8
		Side Exhaust	Safety Lever		400GT8MK;2500;T5/8
		Rear Exhaust	Standard Lever	<b>300GT8MR;3750;T5/8</b>	<b>400GT8MR;2500;T5/8</b>
		Rear Exhaust	Safety Lever	<b>300GT8MRK;3750;T5/8</b>	<b>400GT8MRK;2500;T5/8</b>



0.7 H.P. (600 W)	25 cfm (11.8 L/s) Max
2.8 Lbs. (1.3 Kg) Aluminum 3.5 Lbs. (1.6 Kg) Steel	1/4" NPT Inlet 3/8" (10 mm) Hose Size



1.2 H.P. (900 W)	35 cfm (16.5 L/s) Max
3.9 Lbs (1.8 Kg) Aluminum 4.5 Lbs (2.0 Kg) Steel	3/8" NPT Inlet 1/2" (13 mm) Hose Size

#### STANDARD EQUIPMENT

- Tool
- Operating Instructions and Service Manual
- Wrenches (sizes based on options)

#### 300GT(X)M & 400GT(X)M Alternate Options

Lever Style	Case Material	Exhaust Direction
Safety Lever    Standard Lever	Aluminum Case    Steel Case	Rear Exhaust    Side Exhaust (400GT(X)M Only)

#### Sanding Abrasive Mounting

