



Industrial Air Turbine Die Grinder

Features

- ★ Ideal for fast accurate close proximity work-from deburring, mold making and engraving.
- ★ Light weight, big power, high speed, low air consumption, oil free and seldom maintenance.
- ★ High speed ceramic bearings and high precision components manufactured to the highest standards.
- ★ Variety of configurations to meet all application.
- ★ With motor patent for turbo design.



ST-7441-35 1/8"
ST-7441M-35 3mm
Speed: 35,000 rpm - 0.15 HP

ST-7441-50 1/8"
ST-7441M-50 3mm
Speed: 50,000 rpm - 0.20 HP

ST-7441-65 1/8"
ST-7441M-65 3mm
Speed: 65,000 rpm - 0.20 HP
Air Turbine Die Grinder



ST-7442-35 1/8"
ST-7442M-35 3mm
Speed: 35,000 rpm - 0.45 HP

ST-7442-50 1/8"
ST-7442M-50 3mm
Speed: 50,000 rpm - 0.50 HP

ST-7442-65 1/8"
ST-7442M-65 3mm
Speed: 65,000 rpm - 0.55 HP
Air Turbine Die Grinder



ST-7443-40 1/4"
ST-7443M-40 6mm
Speed: 40,000 rpm - 0.45 HP
Air Turbine Die Grinder



ST-7444-25 1/4"
ST-7444M-25 6mm
Speed: 25,000 rpm - 0.76 HP
Air Turbine Die Grinder

Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

| Model No. | Free Speed (rpm) | Collet Size | | Power | | Air Inlet (PT) | Air Hose (I.D.) | Air Consumption | | TIR Collect Held Shank | | Sound Level dB(A) | Tool Weight (W/O Hose) (g) | Volume (HxL) (mm) |
|---------------|------------------|-------------|----|-------|-----|----------------|-----------------|-----------------|-------|------------------------|-------|-------------------|----------------------------|-------------------|
| | | in | mm | HP | W | | | cfm | l/min | in | mm | | | |
| ST-7441(M)-35 | 35,000 | 1/8 | 3 | 0.15 | 112 | 1/4" | 3/8" | 8 | 226 | <0.02 | <0.05 | <75 | 135.6 | 37 x 156 |
| ST-7441(M)-50 | 50,000 | 1/8 | 3 | 0.20 | 149 | 1/4" | 3/8" | 8 | 226 | <0.02 | <0.05 | <75 | 135.6 | 37 x 156 |
| ST-7441(M)-65 | 65,000 | 1/8 | 3 | 0.20 | 149 | 1/4" | 3/8" | 8 | 226 | <0.02 | <0.05 | <75 | 135.6 | 37 x 156 |
| ST-7442(M)-35 | 35,000 | 1/8 | 3 | 0.45 | 336 | 1/4" | 3/8" | 12 | 340 | <0.02 | <0.05 | <75 | 206.4 | 53 x 172 |
| ST-7442(M)-50 | 50,000 | 1/8 | 3 | 0.50 | 373 | 1/4" | 3/8" | 12 | 340 | <0.02 | <0.05 | <75 | 206.4 | 53 x 172 |
| ST-7442(M)-65 | 65,000 | 1/8 | 3 | 0.55 | 410 | 1/4" | 3/8" | 12 | 340 | <0.02 | <0.05 | <75 | 206.4 | 53 x 172 |
| ST-7443(M)-40 | 40,000 | 1/4 | 6 | 0.45 | 336 | 1/4" | 3/8" | 12 | 340 | <0.02 | <0.05 | <75 | 393.0 | 53 x 195.5 |
| ST-7444(M)-25 | 25,000 | 1/4 | 6 | 0.76 | 567 | 1/4" | 3/8" | 16 | 453 | <0.02 | <0.05 | <75 | 1020.7 | 82 x 295 |