

UPT (URYU Pneumatic Tools)

UMG-450 High-Speed MIDGET GRINDER

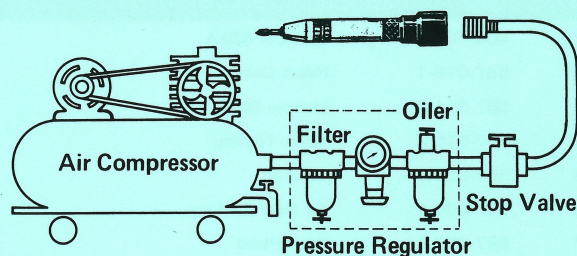
URYU now serves you with a 45,000 rpm super speed die grinder. Precisely made multi-vane air motor and spindle are supported by four ball bearings promising smooth and fine finish.

Rear exhaust system muffled by a rubber silencer minimizes sound level for operator's comfort.



MODEL
UMG-450
45,000rpm

[Recommended Air System]



Adequate lubrication to the air motor through an air line oiler is essential for trouble-free and long life operation. (Turbin oil #32 or equivalents are recommended.)

SPECIFICATIONS

※ The uncertainty in the sound levels is 3dB(A).

MODEL	Collet Size	Max. Speed (about)	Weight less Cutting Tool (about)		Air Inlet Thread		Air Hose Size		Average Air Consumption (about)		Recommended Air Pressure		Sound Pressure Level (L_{pA})	Sound Power Level (L_{wA})	Vibration Total Value (A_{vz})	Vibration Uncertainty (K)
	(mm/in)	rpm	kg	lb	in		mm	in	m ³ /min	ft ³ /min	psi	Mpa	dB(A)	dB(A)	m/sec ²	m/sec ²
UMG-450	3 or 1/8	45,000	0.19	0.42	NPT1/4		4.8	3/16	0.2	7.0	85	0.6	75	-	<2.5	0.58

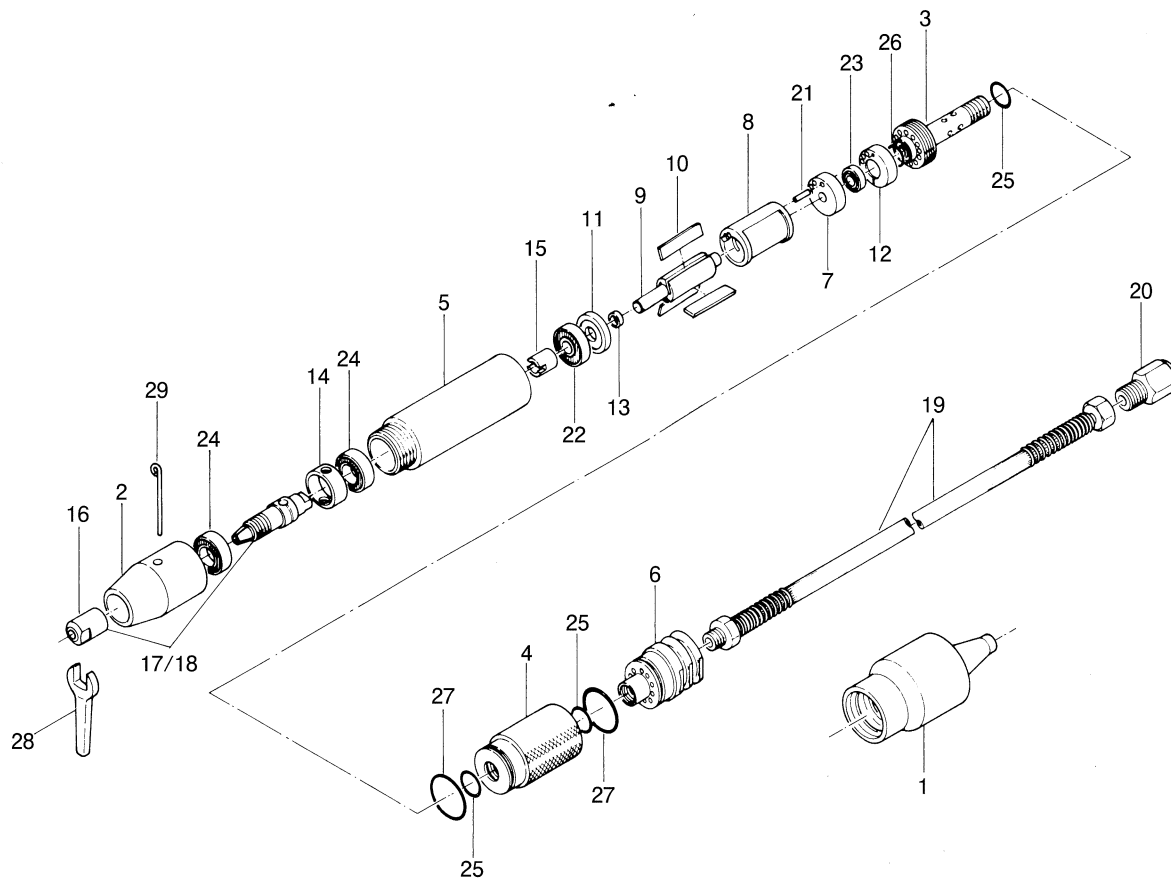


URYU SEISAKU, LTD.
Osaka, Japan

OKA-148-19-06-18-510

UMG-450 MIDGET GRINDER

EXPLODED VIEW



PARTS LIST

Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity
UMG-450 MIDGET GRINDER				#16	587-412-1	Chuck Nut	1
# 1	408-780-0	Exhaust Stack	1	#17	923-552-0	Collet Chuck Assembly (3mm)	1
# 2	587-012-1	Head Cover	1	#18	923-553-0	Collet Chuck Assembly (1/8)	1
# 3	587-014-3	Handle Body	1	#19	934-200-0	Air Hose Assembly (3/16)	1
# 4	587-015-2	Valve Handle	1	#20	942-114-0	Connecting Screw (1/4 x NPT1/4)	1
# 5	587-025-1	Casing	1	#21	971-050-0	Pin (1.2 x 10)	1
# 6	587-090-1	Air Inlet Bushing	1	#22	987-040-0	Miniature Ball Bearing (R1640ZZ)	1
# 7	587-285-1	Rear Plate	1	#23	987-360-0	Miniature Ball Bearing (L940)	1
# 8	587-286-1	Cylinder	1	#24	987-421-0	Miniature Ball Bearing (L1680ZZ)	2
# 9	587-287-2	Rotor	1	#25	990-006-0	O-Ring (P8)	3
#10	587-288-1	Blade	3	#26	990-204-0	O-Ring (JW1516-4)	1
#11	587-289-1	Front Plate	1	#27	990-590-0	O-Ring (17 x 1)	2
#12	587-291-1	Rear Plate Spacer	1	STANDARD ACCESSORIES			
#13	587-296-1	Front Plate Spacer	1	#28	936-508-0	Spanner (8)	1
#14	587-380-1	Bearing Retainer Bushing	1	#29	939-004-0	Spanner (3 x 70)	1
#15	587-411-2	Chuck Retainer	1				

When ordering spare parts, please specify tool type, code number and part name.

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