

DRILLS



UD-50-45

Power is controlled by the built-in Air Regulator located on the handle.
(Pistol handle type only)



UD-50-22



UD-60-29



UD-60-04



UD-80-12

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

Model	Drilling Capacity		Free Speed (about)	Overall Length (about)		Weight with Chuck (about)		From Center to Outside (about)		Nominal Chuck Size		Type of Spindle	Average Air Consumption	
	mm	in	rpm	mm	in	kg	lb	mm	in	mm	in	in-thr'd	m ³ /min	ft ³ /min
UD-50-200	3	No.5	23000	135	5 5/16	0.70	1.50	21.0	53/64	8	5/16	3/8-24UNF	0.40	14
UD-50-45	6	1/4	5000	145	5 23/32	0.86	1.89	21.0	53/64	8	5/16	3/8-24UNF	0.40	14
UD-50-22	8	5/16	2200	140	5 1/2	0.90	1.98	21.0	53/64	8	5/16	3/8-24UNF	0.40	14
UD-60-29	8	5/16	2900	165	6 1/2	1.10	2.43	22.5	57/64	8	5/16	3/8-24UNF	0.50	18
UD-60-20	8	5/16	2000	180	7 1/8	1.20	2.64	22.5	57/64	8	5/16	3/8-24UNF	0.50	18
UD-60-15	8	5/16	1600	180	7 1/8	1.20	2.64	22.5	57/64	8	5/16	3/8-24UNF	0.50	18
UD-60-07	13	1/2	700	219	8 5/8	1.40	3.08	22.5	57/64	13	1/2	1/2-20UNF	0.50	18
UD-60-04	13	1/2	500	220	8 5/8	1.40	3.08	22.5	57/64	13	1/2	1/2-20UNF	0.50	18
UD-80-12	13	1/2	1200	216	8 1/2	1.80	3.96	26.0	1 1/64	13	1/2	1/2-20UNF	0.65	23
UD-80-07	13	1/2	700	239	9 13/32	2.30	5.06	26.0	1 1/64	13	1/2	1/2-20UNF	0.65	23
UD-80-04	16	5/8	400	247	9 23/32	2.90	6.39	26.0	1 1/64	16	5/8	5/8-16UN	0.65	23

*Air Hose Size (Inside Diameter) : 9.5mm (3/8") *Air Inlet Thread : NPT1/4"



UD-50S-45



UD-50S-22



UD-60S-29



UD-60S-04



UD-80S-12

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

Model	Drilling Capacity		Free Speed (about)	Overall Length (about)		Weight with Chuck (about)		From Center to Outside (about)		Nominal Chuck Size		Type of Spindle	Average Air Consumption	
	mm	in	rpm	mm	in	kg	lb	mm	in	mm	in	in-thr'd	m ³ /min	ft ³ /min
UD-50S-200	3	No.5	23000	200	7 7/8	0.70	1.50	21.0	53/64	8	5/16	3/8-24UNF	0.40	14
UD-50S-45	6	1/4	5000	210	8 9/32	0.85	1.87	21.0	53/64	8	5/16	3/8-24UNF	0.40	14
UD-50S-22	8	5/16	2200	205	8 1/16	0.83	1.83	21.0	53/64	8	5/16	3/8-24UNF	0.40	14
UD-60S-29	8	5/16	2900	227	8 15/16	1.05	2.32	22.5	57/64	8	5/16	3/8-24UNF	0.50	18
UD-60S-20	8	5/16	2000	238	9 3/8	1.15	2.54	22.5	57/64	8	5/16	3/8-24UNF	0.50	18
UD-60S-15	8	5/16	1600	238	9 3/8	1.15	2.54	22.5	57/64	8	5/16	3/8-24UNF	0.50	18
UD-60S-07	13	1/2	700	272	10 23/32	1.35	2.98	22.5	57/64	8	5/16	1/2-20UNF	0.50	18
UD-60S-04	13	1/2	500	279	10 63/64	1.35	2.98	22.5	57/64	8	5/16	1/2-20UNF	0.50	18
UD-80S-12	13	1/2	1200	277	10 29/32	1.60	3.53	26.0	1 1/64	13	1/2	1/2-20UNF	0.65	23
UD-80S-07	13	1/2	700	300	11 13/16	2.10	4.73	26.0	1 1/64	13	1/2	1/2-20UNF	0.65	23
UD-80S-04	16	5/8	400	307	12 23/32	2.70	5.95	26.0	1 1/64	16	5/8	5/8-16UN	0.65	23
UD-80-12G	13	1/2	1200	282	11 7/64	2.30	5.06	26.0	1 1/64	13	1/2	1/2-20UNF	0.65	23
UD-80-07G	13	1/2	700	305	12 1/64	2.80	6.16	26.0	1 1/64	13	1/2	1/2-20UNF	0.65	23
UD-80-04G	16	5/8	400	313	12 21/64	3.40	7.50	26.0	1 1/64	16	5/8	5/8-16UN	0.65	23

*Air Hose Size (Inside Diameter) : 9.5mm (3/8") *Air Inlet Thread : NPT1/4"



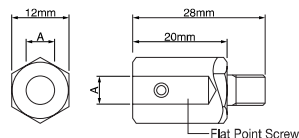
UD-50S-22A



UD-60S-29C

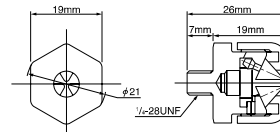
DRILL ADAPTER (for UD-50S Series)

Available sizes(A) : 2mm, 3mm, 4mm, 5mm, 6mm
1/8", 5/32", 1/4"

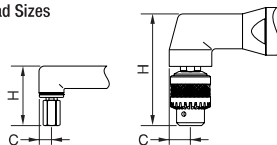


CONE JAW CHUCK (for UD-50S Series)

Capacity : up to 1/4" or 6.35mm
Part Number : 923-100-0



Head Sizes



Model	C		H	
	mm	in	mm	in
UD-50S-22A	10.0	25/64	48.0	1 57/64
UD-60S-29C	17.0	43/64	90.0	3 35/64
UD-60S-15C	17.0	43/64	90.0	3 35/64

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

Model	Drilling Capacity		Free Speed (about)	Overall Length (about)		Weight with Chuck (about)		Height with Chuck (about)		From Center to Outside (about)		Nominal Chuck Size		Type of Spindle	Average Air Consumption	
	mm	in	rpm	mm	in	kg	lb	mm	in	mm	in	mm	in	in-thr'd	m ³ /min	ft ³ /min
UD-50S-45A	4	No.8	5000	253	9 31/32	0.90	1.98	40	1 57/64	21.0	53/64	-	-	1/4-28UNF	0.40	14
UD-50S-22A	4	No.8	2200	248	9 49/64	0.88	1.94	40	1 57/64	21.0	53/64	-	-	1/4-28UNF	0.40	14
UD-60S-29C	8	5/16	2900	276	10 55/64	1.52	3.34	90	3 35/64	22.5	57/64	8	5/16	3/8-24UNF	0.50	18
UD-60S-15C	8	5/16	1600	283	11 9/64	1.60	3.52	90	3 35/64	22.5	57/64	8	5/16	3/8-24UNF	0.50	18

*Air Hose Size (Inside Diameter) : 9.5mm (3/8") *Air Inlet Thread : NPT1/4"

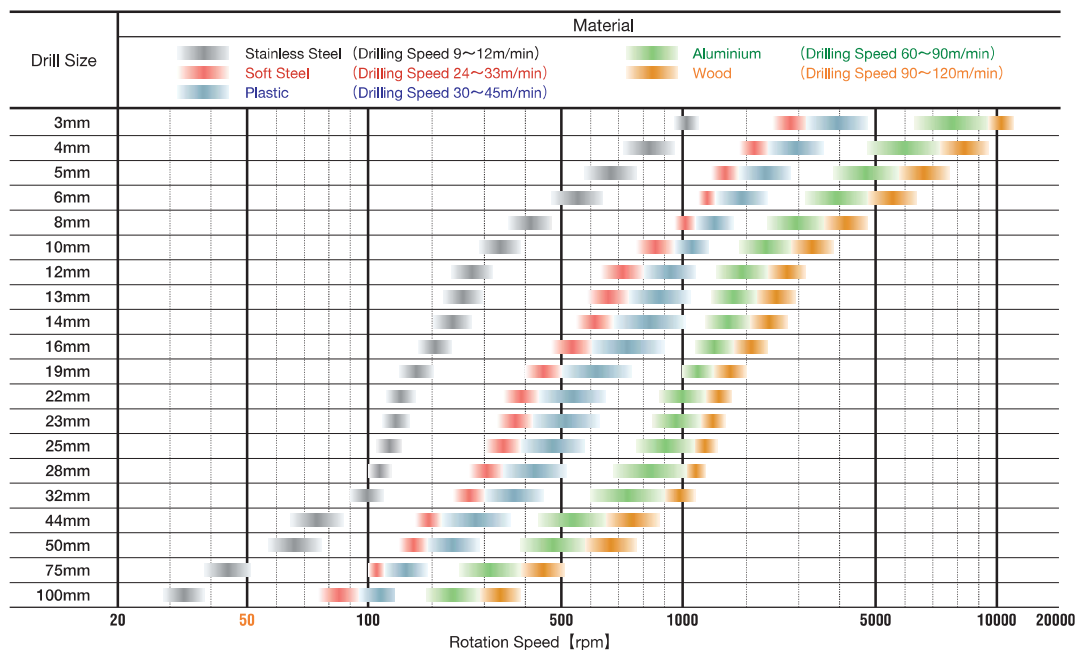
OPTION

Dead Handle Assembly



For UD-60 series 612-896-0
For UD-80 series 613-896-0

SELECTION GUIDE



Tap Pilot Hole Size (mm)

Bolt Size	Pilot Hole Size
M3	2.40
M4	3.25
M5	4.1
M6	5.0
M7	6.0
M8	6.8
M9	7.8
M10	8.5
M12	10.2
M14	12.0