

## DRILLS: REVERSIBLE TYPE

These reversible drills are preferred in industry and assembly line.



NRD-14R, NRD-16R,  
NRD-19R, NRD-22R  
Grip Type

NRD-14RLW, NRD-16RLW,  
NRD-19RLW, NRD-22RLW  
Safety Lever Type

NRD-23R, NRD-25R,  
NRD-28R, NRD-32LR  
Grip Type

NRD-23RLW, NRD-25RLW,  
NRD-28RLW, NRD-32LRLW  
Safety Lever Type

Safety Lever Type

## SPECIFICATIONS

Recommended Air Pressure 0.6MPa (6kgf/cm<sup>2</sup>,85psi)

Type	Model No.	Drilling Capacity		Spindle Morse Taper No.	Free Speed Approx. rpm	Net Weight Approx.		Overall Height Approx.		From Center to Outside Approx.		Feed Length Approx.		Air Inlet Thread R or NPT	Hose Size		Max. Output		Average Air Consumption Approx.	
		mm	in			kg	lb	mm	in	mm	in	mm	in		mm	in	kw	ps	m <sup>3</sup> /min	ft <sup>3</sup> /min
Grip	NRD-14R	14	9/16	1	1,100	5.3	11.7	436	17 <sup>5</sup> / <sub>32</sub>	39	1 <sup>17</sup> / <sub>32</sub>	60	2 <sup>3</sup> / <sub>8</sub>	3/8	12.7	1/2	0.96	1.3	1.1	38.8
	NRD-16R	16	5/8	2	900	5.5	12.1	451	17 <sup>3</sup> / <sub>4</sub>	39	1 <sup>17</sup> / <sub>32</sub>	60	2 <sup>3</sup> / <sub>8</sub>	3/8	12.7	1/2	0.96	1.3	1.1	38.8
	NRD-19R	19	3/4	2	750	5.5	12.1	451	17 <sup>3</sup> / <sub>4</sub>	39	1 <sup>17</sup> / <sub>32</sub>	60	2 <sup>3</sup> / <sub>8</sub>	3/8	12.7	1/2	0.96	1.3	1.1	38.8
	NRD-22R	22	7/8	2	600	5.5	12.1	451	17 <sup>3</sup> / <sub>4</sub>	39	1 <sup>17</sup> / <sub>32</sub>	60	2 <sup>3</sup> / <sub>8</sub>	3/8	12.7	1/2	0.96	1.3	1.1	38.8
	NRD-23R	23	2 <sup>9</sup> / <sub>32</sub>	2	700	10.5	23.1	355	14	41	1 5/8	100	4	1/2	12.7	1/2	1.47	2.0	1.4	49.4
	NRD-25R	25	1	3	570	10.3	22.7	355	14	41	1 5/8	100	4	1/2	12.7	1/2	1.47	2.0	1.4	49.4
	NRD-28R	28	1 1/8	3	450	10.3	22.7	355	14	41	1 5/8	100	4	1/2	12.7	1/2	1.47	2.0	1.4	49.4
	NRD-32LR	32	1 1/4	3	380	10.3	22.7	355	14	41	1 5/8	100	4	1/2	12.7	1/2	1.47	2.0	1.4	49.4
Safety Lever	NRD-14RLW	14	9/16	1	1,100	5.3	11.7	436	17 <sup>5</sup> / <sub>32</sub>	39	1 <sup>17</sup> / <sub>32</sub>	60	2 <sup>3</sup> / <sub>8</sub>	3/8	12.7	1/2	0.96	1.3	1.1	38.8
	NRD-16RLW	16	5/8	2	900	5.5	12.1	451	17 <sup>3</sup> / <sub>4</sub>	39	1 <sup>17</sup> / <sub>32</sub>	60	2 <sup>3</sup> / <sub>8</sub>	3/8	12.7	1/2	0.96	1.3	1.1	38.8
	NRD-19RLW	19	3/4	2	750	5.5	12.1	451	17 <sup>3</sup> / <sub>4</sub>	39	1 <sup>17</sup> / <sub>32</sub>	60	2 <sup>3</sup> / <sub>8</sub>	3/8	12.7	1/2	0.96	1.3	1.1	38.8
	NRD-22RLW	22	7/8	2	600	5.5	12.1	451	17 <sup>3</sup> / <sub>4</sub>	39	1 <sup>17</sup> / <sub>32</sub>	60	2 <sup>3</sup> / <sub>8</sub>	3/8	12.7	1/2	0.96	1.3	1.1	38.8
	NRD-23RLW	23	2 <sup>9</sup> / <sub>32</sub>	2	700	10.2	22.4	355	14	41	1 5/8	100	4	3/8	12.7	1/2	1.47	2.0	1.4	49.4
	NRD-25RLW	25	1	3	570	10	22	355	14	41	1 5/8	100	4	3/8	12.7	1/2	1.47	2.0	1.4	49.4
	NRD-28RLW	28	1 1/8	3	450	10	22	355	14	41	1 5/8	100	4	3/8	12.7	1/2	1.47	2.0	1.4	49.4
	NRD-32LRLW	32	1 1/4	3	380	10	22	355	14	41	1 5/8	100	4	3/8	12.7	1/2	1.47	2.0	1.4	49.4

Specifications are subject to change without notice.

## TAPPER

The double button tapper makes tapping work speedy so leaving a fine finish.



NRT-8P  
Low Sound Level

## SPECIFICATIONS

Recommended Air Pressure 0.6MPa (6kgf/cm<sup>2</sup>,85psi)

Model No.	Capacity				Spindle Jacobs Taper No.	Free Speed Approx. rpm	Overall Length Approx.		Net Weight Approx.		Spindle Offset Approx.		Max. Output		Air Inlet Thread R or NPT	Hose Size		Average Air Consumption	
	Machine Tap		Drill				mm	in	kg	lb	mm	in	kw	ps		mm	in	m <sup>3</sup> /min	ft <sup>3</sup> /min
	mm	in	mm	in															
NRT-8P	8	5/16	8	5/16	1	1,700	180	7 <sup>3</sup> / <sub>32</sub>	1.2	2.6	23	2 <sup>9</sup> / <sub>32</sub>	0.4	0.55	1/4	9.5	3/8	0.55	19.4

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