

VIBRATION REDUCTION

Raynauds phenomenon, RSI

Vibration of hand held tools, in particular heavier tools such as grinders and hammers, may pose serious health risks for the operators of the tools. When working for long periods of time, and on a daily basis, one can be subject to several severe conditions. To prevent these adverse effects we offer a selection of our product range with reduced vibration.

RAYNAUDS PHENOMENON

This condition is more commonly known as "white finger disease" and can be caused by workplace exposure. Occupationally, it is most commonly associated with "hand-arm vibration syndrome". It is important to know the signs and symptoms and the workplace hazards that cause it. Awareness and intervention, through the reduction of vibration exposure, can help prevent the disorder from progressing to a serious stage. If not detected in the early stages, the disorder can permanently impair blood circulation in the fingers.

RSI

Another potential condition the operator is subjected to is "repetitive strain injury", commonly known as RSI. It covers many types of soft tissue injuries, including carpal tunnel syndrome and tendinitis. A mixture of poor posture, stress, repetitive motion and bad ergonomics are the most common causes.

HOW TO AVOID THESE CONDITIONS:

- A well-balanced power to weight ratio
- Rubber handgrip to dampen vibrations
- Active vibration reduction
- Good quality tools and accessories
- Replace wear parts frequently

VIBRATION REDUCED



Red Rooster and Toku have developed numerous vibration reduced models that lower the vibration of the tool to an acceptable and manageable level. When possible, always choose pneumatic tools with an active vibration reduction. Please see the tables in this catalogue for the vibration level and look out for the vibration reduced icon.



AIR HAMMERS



Type	Brand	Shank size mm	Bore diameter mm	Stroke mm	Blows p/min	J/Blow	Air cons. l/s	Weight kg	Inlet thread	Hose diameter mm	Vibration m/s ²	Sound level dB(A)
TFC-200F	TOKU	□ 12,7	20	10	12.000	1,5	4,1	1,1	PT 1/4"	6,5	14,3	91
F-25 ¹⁾	YOKOTA	□ 12,7 x 16 x 28	25	22	4.000	5,1	6	1,8	PT 1/4"	6,5	12	91
RR-0315	RR	□ 12,7 x 16 x 28	25	32	4.000	7,4	3	2,6	PT 1/4"	6,5	9,4	93
TFC-257H	TOKU	□ 12,7	25	34	4.000	7,9	6,7	1,73	PT 1/4"	10	14	92
RRI-4021/4 ¹⁾	RRI	○ 11 x ○ 12,7 x 40	18	30	4.500	3,5	10	2,2	PT 1/4"	10	3,5	88
RRH-2000	RR	○ 11 x ○ 12,7 x 40	17,4	42	5.000	4,5	8,4	1,5	PT 1/4"	10	8	88
AA-OBR(H)	TOKU	○ 12,7 x ○ 15 x 53	20	50	3.600	7,5	5,8	2,6	PT 3/8"	6,5	12	89
BRH-6	YOKOTA	○ 10,2 x 40	20	60	3.500	9,0	6,6	1,4	PT 1/4"	10	17	95
RRH-4309K	RR	○ 11 x ○ 12,7 x 40	19	67	3.200	9,0	7,1	1,7	PT 1/4"	10	2,2	95
RRH-4312K	RR	○ 11 x ○ 12,7 x 40	19	89	2.100	12,0	7,1	1,8	PT 1/4"	10	2,6	95
AA-1.3BR(H)19x50 ²⁾	TOKU	○ 19 x 50	24	58	2.800	12,7	7,5	4,5	PT 3/8"	10	10	93

For chisels overview see pages 101-104 / ¹⁾ For suction casings see page 100 / ²⁾ Also available with shank size ○ 17,5 mm

HAMMER SETS



- RRH-4309KSET1**
RRH-4312KSET1
- Hammer
 - 5 chisels for metal
 - Quick change retainer



- RRH-4309KSET2**
RRH-4312KSET2
- Hammer
 - 4 chisels for concrete or stone
 - Quick change retainer

*Chisels are also available separately see pages 101-104.