NOISE LEVELS AND VIBRATION VALUES

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

Pistol Grip Impact Wrenches	ISO 15744		ISO 28927-2 *measured under load	
	Sound Pressure Level (L_{pA})	Sound Power Level (L_{WA})	Vibration Total Value (A_{hd})	Vibration Uncertainty (K)
	dB(A)	dB(A)	m/sec²	m/sec²
UW-140P	**93**	**104**	**6.3**	**1.0**
UW-140PR	**93**	**104**	**6.6**	**1.0**
UW-140PL	**93**	**104**	**6.4**	**1.0**
UW-140PRL	**93**	**104**	**6.7**	**1.0**
UW-220P	**95**	**106**	**5.6**	**1.0**
UW-220PL	**95**	**106**	**5.7**	**1.0**
UW-251P	**95**	**106**	**5.7**	**1.0**
UW-251PL	**95**	**106**	**5.8**	**1.0**
UW-022S(SHORT)	**103**	**114**	**6.0**	**1.0**
UW-022S(LONG)	**103**	**114**	**5.7**	**1.0**
UW-032S(SHORT)	**109**	**120**	**6.2**	**1.0**
UW-032S(LONG)	**109**	**120**	**5.9**	**1.0**
UW-381P	**99**	**110**	**6.2**	**1.0**
UW-381PL	**99**	**110**	**6.0**	**1.0**

Straight Type Impact Wrenches	ISO 15744		ISO 28927-2 *measured under load	
	Sound Pressure Level (L_{pA})	Sound Power Level (L_{WA})	Vibration Total Value (A_{hd})	Vibration Uncertainty (K)
	dB(A)	dB(A)	m/sec²	m/sec²
UW-22S(IN)	**103**	**114**	**6.5**	**1.0**
UW-22S(SHORT)	**103**	**114**	**6.6**	**1.0**
UW-22S(LONG)	**103**	**114**	**6.3**	**1.0**
UW-32SLA(SHORT)	**109**	**120**	**6.2**	**1.0**
UW-32SLA(L)	**109**	**120**	**5.9**	**1.0**
UW-381	**100**	**111**	**7.6**	**1.1**
UW-381L	**100**	**111**	**7.5**	**1.1**
UW-401(SHORT)	**110**	**121**	**8.9**	**1.3**
UW-401L	**110**	**121**	**9.0**	**1.3**

Stud Bolt Impact Wrenches	ISO 15744		ISO 28927-2 *measured under load	
	Sound Pressure Level (L_{pA})	Sound Power Level (L_{WA})	Vibration Total Value (A_{hd})	Vibration Uncertainty (K)
	dB(A)	dB(A)	m/sec²	m/sec²
UW-ST6SHK	**92**	**103**	**4.1**	**0.8**
UW-ST9SK	**97**	**108**	**4.9**	**0.9**
UW-ST10SHK	**97**	**108**	**5.8**	**1.0**
UW-ST6SSHK	**92**	**103**	**6.6**	**1.0**

Ratchet Wrenches	ISO 15744		ISO 28927-2 *measured under load	
	Sound Pressure Level (L_{pA})	Sound Power Level (L_{WA})	Vibration Total Value (A_{hd})	Vibration Uncertainty (K)
	dB(A)	dB(A)	m/sec²	m/sec²
URW-6	**81**	**92**	**3.2**	**0.7**
URW-60	**85**	**96**	**3.4**	**0.8**
URW-60R	**85**	**96**	**3.4**	**0.8**
URW-8N	**90**	**101**	**3.2**	**0.7**
URW-80	**93**	**104**	**4.0**	**0.8**
URW-80R	**93**	**104**	**4.0**	**0.8**
URW-81	**93**	**104**	**4.0**	**0.8**
URW-81R	**93**	**104**	**4.0**	**0.8**
URW-8	**86**	**97**	**3.3**	**0.8**
URW-9N	**90**	**101**	**3.3**	**0.7**
URW-10N	**90**	**101**	**3.3**	**0.8**
URW-12N	**91**	**102**	**3.6**	**0.8**
URW-12NA	**91**	**102**	**3.6**	**0.8**
URW-12NB	**91**	**102**	**4.1**	**0.8**

Open-Ended Wrenches	ISO 15744		ISO 28927-2 *measured at free running	
	Sound Pressure Level (L_{pA})	Sound Power Level (L_{WA})	Vibration Total Value (A_{hd})	Vibration Uncertainty (K)
	dB(A)	dB(A)	m/sec²	m/sec²
UOW-11-10	**76**	**-**	**< 2.5**	**0.47**
UOW-11-14	**76**	**-**	**< 2.5**	**0.47**
UOW-11-22	**76**	**-**	**< 2.5**	**0.47**
UOW-11-30	**76**	**-**	**< 2.5**	**0.47**
UOW-T60-10	**76**	**-**	**< 2.5**	**0.47**
UOW-T60-14	**76**	**-**	**< 2.5**	**0.47**
UOW-T60-22	**76**	**-**	**< 2.5**	**0.47**
UOW-T60-30	**76**	**-**	**< 2.5**	**0.48**

Geared Wrenches	ISO 15744		ISO 28927-2 *measured at free running	
	Sound Pressure Level (L_{pA})	Sound Power Level (L_{WA})	Vibration Total Value (A_{hd})	Vibration Uncertainty (K)
	dB(A)	dB(A)	m/sec²	m/sec²
UGW-6N	**76**	**-**	**< 2.5**	**0.48**
UGW-8N	**76**	**-**	**< 2.5**	**0.48**

Electric Angle Nutrunners	EN60745		ISO 28927-2 *measured at free running	
	Sound Pressure Level (L_{pA})	Sound Power Level (L_{WA})	Vibration Total Value (A_{hd})	Vibration Uncertainty (K)
	dB(A)	dB(A)	m/sec²	m/sec²
UAN-F130-025	**70**	**-**	**< 2.5**	**0.53**
UAN-F130-040	**70**	**-**	**< 2.5**	**0.54**
UAN-F130-060	**70**	**-**	**< 2.5**	**0.54**

The noise measurement method of EN60745 is much aligned with ISO15744.

Angle Nutrunners	ISO 15744		ISO 28927-2 *measured at free running	
	Sound Pressure Level (L_{pA})	Sound Power Level (L_{WA})	Vibration Total Value (A_{hd})	Vibration Uncertainty (K)
	dB(A)	dB(A)	m/sec²	m/sec²
UAN-611R-60C	**80**	**-**	**< 2.5**	**0.48**
UAN-611R-50C	**80**	**-**	**< 2.5**	**0.48**
UAN-611R-40C	**80**	**-**	**< 2.5**	**0.48**
UAN-611R-30C	**80**	**-**	**< 2.5**	**0.48**
UAN-701R-60C	**85**	**96**	**< 2.5**	**0.51**
UAN-701R-40C	**85**	**96**	**< 2.5**	**0.50**
UAN-701R-30C	**85**	**96**	**< 2.5**	**0.50**
UAN-611RM-60C	**80**	**-**	**< 2.5**	**0.49**
UAN-611RM-50C	**80**	**-**	**< 2.5**	**0.48**
UAN-611RM-40C	**80**	**-**	**< 2.5**	**0.48**
UAN-611RM-30C	**80**	**-**	**< 2.5**	**0.48**
UAN-701RM-60C	**85**	**96**	**< 2.5**	**0.51**
UAN-701RM-40C	**85**	**96**	**< 2.5**	**0.50**
UAN-701RM-30C	**85**	**96**	**< 2.5**	**0.50**