

# Selection Guide

## TORQUE WRENCH SELECTION GUIDE

### BOLT - TORQUE

### TOOL GUIDELINE

SAE1 SAE 2 210 bar (mm)	ASTM 193 B7 BOLT (mm)	8-7 A/F HEAVY HEX NUT	ASTM 354 B8 420 (N/mm <sub>2</sub> )	(Nm)	RECOMMENDED MODEL					
					SQUARE DRIVE MAKE-UP ONLY	ALT.	LIMITED CLEARANCE MAKE-UP	SQUARE DRIVE BREAK OUT	ALT.	LIMITED CLEARANCE BREAK OUT
1" (25,4)	7/8" (22,2)	1 <sup>7</sup> / <sub>16</sub> " (36)		<b>400</b>	SQV06PT	F1PT	LC2PT	SQVP6PT	F1PT	LC2PT
1 <sup>1</sup> / <sub>8</sub> " (28,6)	1" (25,4)	1 <sup>3</sup> / <sub>8</sub> " (41)	7/8" (22,2)	<b>570</b>	SQV06PT	F1PT	LC2PT	SQV2PT	F1PT	LC2PT
				<b>670</b>	SQV06PT	F1PT	LC2PT	SQV2PT	F1PT	LC2PT
1 <sup>1</sup> / <sub>4</sub> " (31,8)			1" (25,4)	<b>800</b>	SQV2PT	F1PT	LC2PT	SQV2PT	F1PT	LC2PT
1 <sup>3</sup> / <sub>8</sub> " (35)	1 <sup>1</sup> / <sub>8</sub> " (29)	1 <sup>13</sup> / <sub>16</sub> " (46)		<b>700</b>	SQV2PT	F1PT	LC2PT	SQV2PT	F3PT	LC2PT
	1 <sup>1</sup> / <sub>4</sub> " (32)	2" (50)	1 <sup>1</sup> / <sub>8</sub> " (28,6)	<b>950</b>	SQV2PT	F1PT	LC2PT	SQV2PT	F3PT	LC4PT
1 <sup>1</sup> / <sub>2</sub> " (38)				<b>1.200</b>	SQV2PT	F1PT	LC2PT	SQV4PT	F3PT	LC4PT
				<b>1.350</b>	SQV2PT	F1PT	LC2PT	SQV4PT	F3PT	LC4PT
1 <sup>5</sup> / <sub>8</sub> " (41,3)	1 <sup>3</sup> / <sub>8</sub> " (35)	2 <sup>3</sup> / <sub>16</sub> " (55)	1 <sup>1</sup> / <sub>4</sub> " (31,8)	<b>1.680</b>	SQV4PT	F3PT	LC2PT	SQV4PT	F3PT	LC4PT
				<b>1.820</b>	SQV4PT	F3PT	LC2PT	SQV4PT	F3PT	LC4PT
	1 <sup>1</sup> / <sub>2</sub> " (38)	2 <sup>3</sup> / <sub>8</sub> " (60)	1 <sup>3</sup> / <sub>8</sub> " (35)	<b>2.000</b>	SQV4PT	F3PT	LC2PT	SQV4PT	F05PT	LC4PT
1 <sup>3</sup> / <sub>4</sub> " (44,5)				<b>2.150</b>	SQV4PT	F3PT	LC4PT	SQV4PT	F05PT	LC4PT
1 <sup>7</sup> / <sub>8</sub> " (47,6)				<b>1.420</b>	SQV4PT	F3PT	LC4PT	SQV4PT	F05PT	LC4PT
	1 <sup>5</sup> / <sub>8</sub> " (41)	2 <sup>9</sup> / <sub>16</sub> " (65)		<b>2.700</b>	SQV4PT	F3PT	LC4PT	SQV4PT	F05PT	LC8PT
2" (50,8)				<b>3.000</b>	SQV4PT	F3PT	LC4PT	SQV8PT	F05PT	LC8PT
	1 <sup>3</sup> / <sub>4</sub> " (44)	2 <sup>3</sup> / <sub>4</sub> " (70)	1 <sup>5</sup> / <sub>8</sub> " (41)	<b>3.500</b>	SQV4PT	F3PT	LC4PT	SQV8PT	F8PT	LC8PT
2 <sup>1</sup> / <sub>4</sub> " (57)				<b>4.050</b>	SQV8PT	F05PT	LC4PT	SQV8PT	F8PT	LC8PT
	1 <sup>7</sup> / <sub>8</sub> " (47,6)	2 <sup>25</sup> / <sub>16</sub> " (75)	1 <sup>3</sup> / <sub>4</sub> " (44)	<b>5.000</b>	SQV8PT	F05PT	LC8PT	SQV8PT	F8PT	LC8PT
2 <sup>1</sup> / <sub>2</sub> " (63,5)	2" (50,8)	3 <sup>1</sup> / <sub>8</sub> " (80)		<b>5.400</b>	SQV8PT	F05PT	LC8PT	SQV8PT	F8PT	LC8PT
			1 <sup>7</sup> / <sub>8</sub> " (47,6)	<b>6.000</b>	SQV8PT	F05PT	LC8PT	SQV12PT	F8PT	LC20PT
2 <sup>3</sup> / <sub>4</sub> " (70)			2" (50,8)	<b>5.100</b>	SQV8PT	F05PT	LC8PT	SQV12PT	F10PT	LC20PT
	2 <sup>3</sup> / <sub>4</sub> " (57)	3 <sup>1</sup> / <sub>2</sub> " (90)		<b>6.000</b>	SQV8PT	F8PT	LC8PT	SQV12PT	F10PT	LC20PT
3" (76)		3 <sup>7</sup> / <sub>8</sub> " (100)	2 <sup>1</sup> / <sub>4</sub> " (57)	<b>9.500</b>	SQV8PT	F8PT	LC8PT	SQV12PT	F10PT	LC20PT
	2 <sup>1</sup> / <sub>2</sub> " (63,5)			<b>10.800</b>	SQV12PT	F8PT	LC20PT	SQV12PT		LC20PT
3 <sup>1</sup> / <sub>4</sub> " (82,5)				<b>9.000</b>	SQV12PT	F10PT	LC20PT	SQV30PT		LC20PT
3 <sup>1</sup> / <sub>2</sub> " (89)	2 <sup>3</sup> / <sub>4</sub> " (70)	4 <sup>1</sup> / <sub>4</sub> " (110)	2 <sup>1</sup> / <sub>2</sub> " (63,5)	<b>10.000</b>	SQV12PT	F10PT	LC20PT	SQV30PT		LC20PT
				<b>15.500</b>	SQV12PT		LC20PT	SQV30PT		
3 <sup>3</sup> / <sub>4</sub> " (95)	3" (76)	4 <sup>5</sup> / <sub>8</sub> " (120)	2 <sup>3</sup> / <sub>4</sub> " (70)	<b>17.500</b>	SQV30PT		LC20PT	SQV30PT		
4" (102)				<b>19.500</b>	SQV30PT			SQV30PT		
				<b>21.000</b>	SQV30PT		FOR	SQV30PT		FOR
	3 <sup>1</sup> / <sub>4</sub> " (82,5)	5" (130)	3" (76)	<b>22.200</b>	SQV30PT		HIGHER	SQV30PT		HIGHER
4 <sup>1</sup> / <sub>4</sub> " (108)				<b>26.250</b>	SQV30PT		TORQUE	SQV30PT		TORQUE
	3 <sup>1</sup> / <sub>2</sub> " (89)	5 <sup>3</sup> / <sub>8</sub> " (135)	3 <sup>1</sup> / <sub>4</sub> " (82,5)	<b>20.500</b>	SQV30PT		VALUES			VALUES
4 <sup>1</sup> / <sub>2</sub> " (114)				<b>27.500</b>	SQV30PT					
				<b>33.000</b>	SQV30PT		PLEASE		PLEASE	
4 <sup>3</sup> / <sub>4</sub> " (121)	3 <sup>3</sup> / <sub>4</sub> " (95)	5 <sup>3</sup> / <sub>4</sub> " (145)	3 <sup>1</sup> / <sub>2</sub> " (89)	<b>34.300</b>	SQV30PT		INQUIRE		INQUIRE	
6 <sup>1</sup> / <sub>2</sub> " (165)	4 <sup>1</sup> / <sub>4</sub> " (108)			<b>39.700</b>	SQV30PT					