HAND TOOLS Valve & Torque Wrenches



Long-handled wrenches add leverage for opening and closing valves that have a handwheel. Slip resistant design for secure grip.

Head Size	Overall Length	Nonsparking	Material	Finish	Brand	ltem No.
Claw						
1¾ in,-2-3/8 in	14½ in	Yes	Aluminum Bronze	Natural	Ampco	21XX16
1% in,-1-1/2 in	21¼ in	No	Alloy Steel	Black Oxide	Westward	5PWF2
1 1 in,-3-1/8 in	17 in	Yes	Aluminum Bronze	Natural	Ampco	21XX17
21/16 in,-4 in	211/2 in	Yes	Aluminum Bronze	Natural	Ampco	21XX18
Double End						
1/2 in,-21/32 in	8 in	No	Alloy Steel	Black Oxide	Westward	5PWE5
¹¹ /16 in,-1 in	10 in	No	Alloy Steel	Black Oxide	Westward	5PWE6
1 in,-1-5/16 in	17½ in	No	Alloy Steel	Black Oxide	Westward	5PWE7
Double F-Shaped			· · · · · ·			
13/16 in,-1-9/16 in	19¾ in	Yes	Aluminum Bronze	Natural	Ampco	21XV98
1 3/8 in	13¾ in	Yes	Aluminum Bronze	Natural	Ampco	46C053
15% in	15¾ in	Yes	Aluminum Bronze	Natural	Ampco	46C067
F-Shaped						
13% in	12 in	No	Alloy Steel	Powder-Coated	Westward	5PWF3
13% in	17½ in	No	Alloy Steel	Powder-Coated	Westward	5PWF4
1 1/2 in	261/2 in	No	Alloy Steel	Powder-Coated	Westward	5PWF5
13/4 in	173⁄4 in	Yes	Aluminum Bronze	Natural	Ampco	21XV96
Single End						
3/4 in	8 in	Yes	Aluminum	Painted	Wheeler-Rex	38L080
1 in	14 in	Yes	Aluminum	Painted	Wheeler-Rex	38L081
1 in	15 in	No	Alloy Steel	Black Oxide	Westward	5PWE8
1 3 % in	15½ in	No	Alloy Steel	Black Oxide	Westward	5PWF1
13% in	18 in	Yes	Aluminum	Painted	Wheeler-Rex	38L082
2 in	27 in	No	Alloy Steel	Powder-Coated	Westward	5PWE9
21/4 in	48 in	No	Allov Steel	Black Oxide	Westward	5PWF0

Scan. Order. Done.

WESTWARD REX

Details on page A1.



Adjustable Micrometer Torque Wrenches

- Rotate clockwise and counterclockwise, except where noted

Apply a specific torque to fasteners. Handle twists to set torque value. As the wrench rotates, an audible click indicates that the desired torque has been reached. Ratcheting micrometer torque wrenches don't need to be repositioned during rotation.

		-	Calibration			
Drive Size	Torque Range	Torque Increments	Certificate Included	Overall Length	Brand	Item No.
	ted Micrometer Torque V		Included	Lengin	Diallu	NU.
	ound. Newton-Meter	VI CII CII CII C				
1/4 in	1 to 9 ft-lb. 2 to 12 N-m	0.1 N-m	Yes	11 27/64 in	Itl	60TA34
	4 to 20 ft-lb, 5 to 25 N-m		Yes	11 7/32 in	It	60TA33
	sulated Micrometer Tord		103	11 / 32 111	10	001700
Foot-P		ue menenca				
3% in	16 ft-lb to 80 ft-lb	0.5 ft-lb	No	14 ¾ in	Proto	426F01
1/2 in	30 ft-lb to 150 ft-lb	1 ft-lb	No	20 1/4 in	Proto	426F11
1/2 in	50 ft-lb to 250 ft-lb	1 ft-lb	No	25 3/4 in	Proto	426F07
3/4 in	120 ft-lb to 600 ft-lb	2 ft-lb	No	41 1/4 in	Proto	426F15
1 in	200 ft-lb to 1000 ft-lb	5 ft-lb	No	69 in	Proto	10877
1 in	400 ft-lb to 2000 ft-lb	10 ft-lb	No	107 ½ in	Proto	1ARN7
Foot-P	ound. Newton-Meter			-		
1/4 in	5 N-m to 25 N-m	0.5 N-m. 1 ft-lb	Yes	8 ¼ in	Wiha	53KF28 *
3⁄8 in	10 ft-lb to 100 ft-lb	1 ft-lb, 1.4 N-m	Yes	18 in	Gearwrench	41XR30 *
1/2 in	20 ft-lb to 150 ft-lb	1 ft-lb, 1.4 N-m	Yes	22 in	Gearwrench	41YA59 *
1/2 in	30 ft-lb to 250 ft-lb	2 ft-lb, 2.7 N-m	Yes	24 1/4 in	Gearwrench	41XE17 *
1/2 in	40 N-m to 220 N-m	0.5 N-m, 1 ft-lb	Yes	21 in	Wiha	53KF30 *
3⁄4 in	100 ft-lb to 600 ft-lb	2.5 ft-lb, 3.4 N-m	Yes	42 ½ in	Gearwrench	41YA61 *
Inch-P						
1⁄4 in	40 in-lb to 200 in-lb	1 ft-lb	No	11 ¼ in	Proto	426F20
3⁄8 in	40 in-lb to 200 in-lb	1 in-lb	No	11 ¼ in	Proto	426F22
3⁄8 in	40 in-lb to 200 in-lb	1 in-lb	Yes	11 ¼ in	Proto	4YA74
3⁄8 in	200 in-lb to 1000 in-lb	5 in-lb	No	14 ¾ in	Proto	426F24
3⁄8 in	200 in-lb to 1000 in-lb	5 in-lb	Yes	15 ¼ in	Proto	4YA75
Flex-H	ead Ratcheting Microme	eter Torque Wrenc	hes			
Foot-P						
3∕8 in	10 ft-lb to 100 ft-lb	10 ft-lb	No	16 ½ in	Proto	53GL75
1/2 in	30 ft-lb to 250 ft-lb	1 ft-lb	No	25 ½ in	Proto	53GL74
	ted Ratcheting Microme	ter Torque Wrencl	165			
	ound, Newton-Meter					
3/8 in	9 ft-lb to 44 ft-lb	4 N-m, 5 ft-lb	Yes	14 in	ltl	31CE79
	ound, Newton-Meter					
1/2 in	9 ft-lb to 44 ft-lb	4 N-m, 5 ft-lb	Yes	14 in	ltl	31CE80
	eting Micrometer Torque	Wrenches				
Foot-P	ound					
⅔ in	15 ft-lb to 75 ft-lb	0.5 ft-lb	Yes	15 ¼ in	Sturtevant Richmont	53CA71 *
3∕8 in	16 ft-lb to 80 ft-lb	0.5 ft-lb	No	15 in	Proto	426F02

Drive Torque Sortificate Overall Item Mon. % in 16 ft-b to 30 ft-b 0.5 ft-b Yes 15 in Proto 47467 % in 16 ft-b to 30 ft-b 0.5 ft-b Yes 15 in Proto 47467 % in 16 ft-b to 80 ft-b 0.5 ft-b Yes 15 in Proto 47468 % in 30 ft-b to 150 ft-b 1 ft-b Yes 19 ½ in Sturtevant ft-ft-ft-ft-ft-ft-ft-ft-ft-ft-ft-ft-ft-f				Calibration			
% in 16 ft-bit 080 ft-bit 0.5 ft-bit Yes 15 in Proto 47467 % in 26 ft-bit 0.5 ft-bit Yes 15 in Proto 47468 % in 30 ft-bit 0.5 ft-bit Yes 15 in Proto 426705 % in 30 ft-bit 0.5 ft-bit Net 15 in Proto 426705 % in 30 ft-bit 0.5 ft-bit Net 20 % in Proto 426705 % in 30 ft-bit 0.5 ft-bit Net 20 % in Proto 426714 % in 50 ft-bit 0.5 ft-bit 1 ft-bit Yes 20 % in Proto 426708 % in 50 ft-bit 25 % lit Net Proto 47470 47471 % in 10 ft-bit 26 % lit Net Proto 47471 % in 10 ft-bit 27 % lit Yes 17 % in Westward 55,1071 % in 10 ft-bit 0.5 ft-bit 0.7 N-m Yes 17 % in		Torrauo Dongo		Certificate		Drond	Item
% in 20 ft-lb to 100 ft-lb 1 ft-lb No 16 lb in Proto 426F06 ½ in 16 ft-lb to 80 ft-lb 0.5 ft-lb Yes 15 in Proto 426F05 ½ in 30 ft-lb to 150 ft-lb 1 ft-lb No 15 in Proto 426F05 ½ in 30 ft-lb to 150 ft-lb 1 ft-lb No 20 ¼ in Proto 426F12 ½ in 30 ft-lb to 150 ft-lb 1 ft-lb No 20 ¼ in Proto 426F14 ½ in 50 ft-lb to 250 ft-lb 1 ft-lb Yes 25 ¼ in Proto 426F14 ½ in 50 ft-lb to 250 ft-lb 2 ft-lb Yes 25 ¼ in Proto 47A71 ¾ in 60 ft-lb to 300 ft-lb 2 ft-lb Yes 25 ¼ in Proto 47A72 ¾ in 10 ft-lb to 800 ft-lb 2 ft-lb Yes 48 ½ in Proto 47A72 ¾ in 10 ft-lb to 800 ft-lb 2 ft-lb Yes in Westward 55J071 ¾ in 10 ft-lb to 80 ft-lb 2 ft-lb <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
½ in 16 ft-bb to 80 ft-bb 0.5 ft-bb Yes 15 in Proto 47468 ½ in 30 ft-bb to 150 ft-bb 16 th No 15 in Proto 426705 ½ in 30 ft-bb to 150 ft-bb 1 ft-bb No 20 ¼ in Proto 426705 ½ in 30 ft-bb to 150 ft-bb 1 ft-bb No 20 ¼ in Proto 426712 ½ in 30 ft-bb to 250 ft-bb 1 ft-bb No 20 ¼ in Proto 426708 ½ in 50 ft-bb to 250 ft-bb 1 ft-bb Yes 25 ¼ in Proto 47470 ½ in 50 ft-bb to 250 ft-bb 2 ft-bb Yes 25 ¼ in Proto 47471 ¾ in 10 ft-bb to 200 ft-bb 2 ft-bb No 41 ½ in Proto 47471 ¾ in 10 ft-bb to 200 ft-bb 2 ft-bb No 41 ½ in Proto 47471 ¾ in 10 ft-bb to 200 ft-bb 2 ft-bb No 41 ½ in A472 ¾ in 10 ft-bb to 200 ft-bb 2 ft-bb <td< td=""><td></td><td>20 ft-lb to 100 ft-lb</td><td></td><td></td><td>16 ½ in</td><td></td><td></td></td<>		20 ft-lb to 100 ft-lb			16 ½ in		
½ in 16 ft-bb to 80 ft-b 0.5 ft-b No 15 in Proto 426F12 ½ in 30 ft-bb to 150 ft-b 1 ft-bb Yes 19 ½ in Sturtevant 53CA72 * ½ in 30 ft-bb to 150 ft-b 1 ft-bb Yes 20 ¼ in Proto 426F12 ½ in 50 ft-bb to 525 ft-b 1 ft-bb No 20 ¼ in Proto 426F14 ½ in 50 ft-bb to 250 ft-bb 1 ft-bb No 25 ¼ in Proto 426F14 ½ in 50 ft-bb to 250 ft-bb 2 ft-bb Yes 25 ¼ in Proto 47A70 ¾ in 20 ft-bb to 600 ft-bb 2 ft-bb Yes 32 ¾ in Proto 47A71 ¾ in 120 ft-bb to 600 ft-bb 2 ft-bb Yes 42 Å in Yes 47A71 ¾ in 120 ft-bb to 600 ft-bb 2 ft-bb Yes 43 ¼ in Yes 47A71 ¾ in 10 ft-bb to 100 ft-b 2 ft-bb 7 Wes 43 ¼ in Kestvard 55JA97 ¾ in 10 ft-bb	1/2 in	16 ft-lb to 80 ft-lb	0.5 ft-lb	Yes	15 in	Proto	
Year So field of So field The base The base So field of So field So field of So field Year 30 field of So field 16 field 16 field Proto 426F12 Year 32 field of So field 16 field 16 field Proto 426F14 Year 50 field of So field 16 field 16 field Proto 426F14 Year 50 field of So field 16 field 16 field Year 25 Vie in Proto 426F13 Year 50 field to So field 2 field Yes 25 Vie in Proto 47A70 Year 50 field to So field 2 field Yes 32 Year Proto 47A71 Year 120 field to So field 2 field Yes 42 Year 47A72 Year 120 field to So field 2 field Year 47A72 47A72 Year 10 field to So field 7 field Year 47A72 47A72 Year 10 field to So field 7 field 17 Year Wearward 55JA95	1/2 in	16 ft-lb to 80 ft-lb	0.5 ft-lb	No	15 in	Proto	426F05
Main and the bit of 150 ft-lb 1 ft-lb No 20 ¼ in Proto 426F12 ½ in 30 ft-lb to 150 ft-lb 1 ft-lb Yes 20 ¼ in Proto 44A69 ½ in 30 ft-lb to 150 ft-lb 1 ft-lb Ne 20 ¼ in Proto 44A69 ½ in 50 ft-lb to 250 ft-lb 1 ft-lb Ne 25 ¼ in Proto 44A70 ½ in 50 ft-lb to 250 ft-lb 1 ft-lb Yes 25 ¼ in Proto 44A71 ¾ in 60 ft-lb to 300 ft-lb 2 ft-lb Yes 32 ¼ in Proto 44A71 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb No 46 ½ in Proto 446 ½ ¾ in 10 ft-lb to 600 ft-lb 2 ft-lb No 46 ½ in Mestward 55L671 ¾ in 10 ft-lb to 100 ft-lb 7 ft-lb Newton-Meter 7 40 Å9 % 55L397 ¾ in 10 ft-lb to 100 ft-lb 5 ft-lb 0.7 N-m Yes 17 ¼ ein Mestward 55L393 ½ in 10 ft-lb	1⁄2 in	30 ft-lb to 150 ft-lb	1 ft-lb	Yes	19 ½ in	Sturtevant	53CA72 *
½ in 30 fh-bit 050 fh-b 1 fh-b Yes 20 ¼ in Proto 47A69 ½ in 50 fh-bit 0520 fh-b 1 fh-b No 20 ¼ in Proto 426F14 ½ in 50 fh-bit 0250 fh-b 1 fh-b Yes 25 ¼ in Proto 47A70 ½ in 50 fh-bit 0250 fh-b 2 fh-b Yes 25 ½ in Nutrevant S3CA73 ¾ in 60 fh-bit 020 fh-b 2 fh-b Yes 32 ¾ in Proto 47A71 ¾ in 120 fh-bit 6000 fh-b 2 fh-b Yes 32 ¾ in Proto 47A71 ¾ in 120 fh-bit 6000 fh-b 2 fh-b Yes 48 ½ in Proto 47A71 ¾ in 10 fh-bit 600 fh-b 2 fh-b Yes 48 ½ in Proto 47A71 ¾ in 10 fh-bit 600 fh-b 0.5 fh-b 0.7 N-m Yes 17 ¼ % in S5JA97 ¾ in 10 fh-bit 600 fh-b 0.5 fh-b 0.7 N-m Yes 16 in Cdi 47Y73 ¾ in 10 fh-bit 50 fh-b	16 in	30 ft-lb to 150 ft-lb	1 ft-lb	No	20 1/4 in	Proto	
½ in 33.2 ft-bto 151.2 ft-lb 1 ft-lb No 20 ¼ in Proto 426F14 ½ in 50 ft-lb to 250 ft-lb 1 ft-lb Yes 25 ¼ in Proto 426F08 ½ in 50 ft-lb to 250 ft-lb 1 ft-lb Yes 25 ¼ in Sturtevant 53CA73 ¾ in 60 ft-lb to 20 ft-lb 2 ft-lb Yes 25 ¼ in Proto 47A70 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 25 ¼ in Proto 47A71 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb Ne 41 ½ in Proto 47A71 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb No 46 ½ in Yes 47A71 ¾ in 10 ft-lb to 00 ft-lb 2 ft-lb No 46 ½ in Yes 74 % in Westward 55L071 ¾ in 10 ft-lb to 00 ft-lb 74 % in Westward 55L498 47413 47471 ¾ in 10 ft-lb to						Proto	
½ in S0 ft-lb to 250 ft-lb 1 ft-lb No 26 ¼ in Proto 47A70 ½ in S0 ft-lb to 250 ft-lb 2 ft-lb Yes 25 ½ in Richmont 53CA73 * ¾ in 60 ft-lb to 200 ft-lb 2 ft-lb Yes 25 ½ in Richmont 53CA73 * ¾ in 60 ft-lb to 200 ft-lb 2 ft-lb Yes 24 ¼ in Proto 47A70 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 41 ½ in Proto 47A72 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 41 ½ in Proto 47A72 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 48 ½ in Proto 47A72 ¾ in 10 ft-lb to 100 ft-lb 0.7 h-m, 1ft-lb Yes 17 ¼ in Westward 55JA97 ¾ in 10 ft-lb to 100 ft-lb 0.7 h-m, 1ft-lb Yes 17 ¼ in Westward 5JA98 ½ in 10 ft-lb to 150 ft-lb 1 ft-lb, 1.4 N-m Yes 18 in Westward 5JA98 ½ in 20 ft-lb 10 ft-lb to 20 ft-lb 1 ft-lb, 1.4 N-m	1/2 in	33.2 ft-lb to 151.2 ft-lb	1 ft-lb, 1 N-m	No	20 ¼ in	Proto	426F14
½ in 50 ft-lb to 250 ft-lb 2 ft-lb Yes 25 ½ in Sturtevant Richmont 53CA73 + Richmont ¾ in 60 ft-lb to 300 ft-lb 2 ft-lb Yes 32 ¾ in Proto 426 F17 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 41 ½ in Proto 4772 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 41 ½ in Proto 4772 ¾ in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 41 ½ in Proto 4772 ¾ in 10 ft-lb 0.50 ft-lb 0.5 ft-lb 0.7 N-m Yes 17 ½ in Westward 55JA97 ¾ in 10 ft-lb 10 ft-lb 1.4 N-m Yes 18 ½ in Gearwrench 644D43 ½ in 10 ft-lb 15 ft-lb 1.7 N-m Yes 18 ½ Gearwrench 644D43 ½ in 20 ft-lb 16 ht-lb 17 ½ in 55JA93 Yes 20 in Gearwrench 64D41 ± ½ in 20 ft-lb 16 ht-lb 1.4 N-m<	1⁄2 in	50 ft-lb to 250 ft-lb	1 ft-lb	No		Proto	426F08
12 int 30 (1=0 to 200 fi=10) 2 (1=0) fes 23 / 2 int Richmont 30 A / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 /	1/2 in	50 ft-lb to 250 ft-lb	1 ft-lb	Yes	26 ¼ in	Proto	4YA70
34 in 60 ft-b to 300 ft-b 2 ft-b Yes 32 ¾ in Proto 47A11 34 in 120 ft-b to 600 ft-b 2 ft-b Yes 48 ½ in Proto 426F17 34 in 120 ft-b to 600 ft-b 2 ft-b Yes 48 ½ in Proto 426F17 34 in 120 ft-b to 600 ft-b 0.5 ft-b 0.7 N-m Yes 17 ½ in Mestward 55JQ91 36 in 10 ft-b to 100 ft-b 0.7 N-m, 1ft-b Yes 17 ½ in Mestward 426F19 36 in 10 ft-b to 100 ft-b 0.7 N-m, 1ft-b Yes 17 ½ in Mestward 426F19 36 in 10 ft-b to 100 ft-b 0.7 N-m, 1ft-b Yes 17 ½ in Mestward 420A9 37 in 20 ft-b to 150 ft-b 1ft-b 1.4 N-m Yes 18 in Westward 55JA98 36 in 20 ft-b to 150 ft-b 1ft-b 1.4 N-m Yes 24 ½ in Cdi 47VY1 37 in 30 ft-b to 250 ft-b 1ft-b 1.4 N-m Yes 24 ½ in Cdi 47VY1 36 in 10 ft-b to 250 ft-b 1ft-b 1.4 N-m <td>1⁄2 in</td> <td>50 ft-lb to 250 ft-lb</td> <td>2 ft-lb</td> <td>Yes</td> <td>25 ½ in</td> <td></td> <td>53CA73 *</td>	1⁄2 in	50 ft-lb to 250 ft-lb	2 ft-lb	Yes	25 ½ in		53CA73 *
34 in 120 ft-lb to 600 ft-lb 2 ft-lb No 41 ½ in Proto 426717 34 in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 41 ½ in Proto 47A72 34 in 120 ft-lb to 600 ft-lb 2 ft-lb Yes 41 ½ in Proto 46 ¾ in Proto 46 ¾ in Proto 46 ¾ in Proto 46 ¾ in Ft-lb No 46 ¾ in Proto 46 ¾ in 16 ht-lb 0.5 ft-lb 0.7 N-m Yes 17 ¼ in Westward 55JA95 36 in 10 ft-lb to 100 ft-lb 0.7 N-m Yes 17 ¼ in Westward 55JA95 36 in 10 ft-lb to 100 ft-lb 0.7 N-m Yes 17 ¼ in Westward 55JA95 36 in 10 ft-lb to 100 ft-lb 0.7 N-m Yes 17 ¼ in Westward 55JA95 37 in 10 ft-lb to 150 ft-lb 1ft-lb 1.4 N-m Yes 20 in Westward 55JA93 36 in 10 ft-lb to 250 ft-lb 1ft-lb 1.4 N-m Yes 24 ½ in Wes	3⁄4 in	60 ft-lb to 300 ft-lb	2 ft-lb	Yes	32 ¾ in		4YA71
34 in 120 ft-bb to 600 ft-bb 2 ft-bb Yes 41 ½ in Proto 426F19 74 in 120 ft-bb to 700 ft-bb 2 ft-bb No 46 ¾ in Proto 426F19 76 in 10 ft-bb to 700 ft-bb 0.7 N-m, 1ft-b Yes 16 in Cdi 426F19 76 in 10 ft-bb to 100 ft-bb 0.7 N-m, 1ft-b Yes 16 in Cdi 47VX1 76 in 10 ft-bb to 100 ft-bb 0.7 N-m, Yes 17 ¼s in Westward 55JA95 74 in 10 ft-bb to 100 ft-bb 0.7 N-m Yes 17 ¼s in Westward 40A96 74 in 20 ft-bb to 100 ft-bb 1ft-bb, 1.4 N-m Yes 19 in Cdi 47VY1 72 in 20 ft-bb to 150 ft-b 1ft-bb, 1.4 N-m Yes 24 ½ in Cdi 47VY1 74 in 30 ft-bb to 250 ft-b 1ft-bb, 1.4 N-m Yes 25 in Gearwrench 644041 74 in 30 ft-bb to 200 ft-b 2 ft-bb, 2.7 N-m Yes 32 in Yes SJA93 74 in 10 ft-bb to 200 ft-b 5 in-b, 6.8 N-m Yes 42 in Cdi 47YY4	3⁄4 in	120 ft-lb to 600 ft-lb	2 ft-lh	No	41 ½ in	Proto	
1 in 140 ft-b to 700 ft-b 2 ft-b No 46 ¾ in Proto 426F19 Foat-Pound, Newton-Meter 10 ft-b to 80 ft-b 0.5 ft-b, 0.7 N-m Yes 17 ¼s in Westward 55JA97 % in 10 ft-b to 100 ft-b 0.7 N-m, 1 ft-b Yes 16 in Cdi 47VX1 % in 10 ft-b to 100 ft-b 0.5 ft-b, 0.7 N-m Yes 17 ¼s in Westward 40A96 ½ in 10 ft-b to 150 ft-b 1ft-b, 1.35 N-m No 18 in Westward 40A96 ½ in 20 ft-b to 150 ft-b 1 ft-b, 1.4 N-m Yes 19 in Cdi 47VX1 ½ in 30 ft-b to 250 ft-b 1 ft-b, 1.4 N-m Yes 24 ½ in Cdi 47VY1 ½ in 30 ft-b to 250 ft-b 1 ft-b, 5.8 N-m Yes 42 in Cdi 47VY4 ½ in 50 ft-b 5 in-b, 6.8 N-m Yes 42 in Cdi 47VY4 ½ in 10 ft-b to 200 in-b 5 in-b, 6.8 N-m Yes 42 in Cdi 47VY4 ½ i	3⁄4 in	120 ft-lb to 600 ft-lb	2 ft-lb		41 ½ in	Proto	
Foot-Pound, Newton-Meter Yes 17 Vis in Westward 55,A97 % in 10 ft-lb to 00 ft-lb 0.7 N-m, 1 ft-lb Yes 16 in Cdi 47VX1 % in 10 ft-lb to 100 ft-lb 0.7 N-m, 1 ft-lb Yes 18 Va in Gearwrench 55,A93 % in 10 ft-lb to 100 ft-lb 0.5 ft-lb, 0.7 N-m Yes 17 Vis in Westward 55,A93 ½ in 20 ft-lb to 150 ft-lb 11 ft-lb, 1.4 N-m Yes 20 in Westward 55,A93 ½ in 20 ft-lb to 150 ft-lb 11 ft-lb, 1.4 N-m Yes 24 Va in Cdi 47VY1 ½ in 30 ft-lb to 250 ft-lb 2 ft-lb, 2.7 N-m Yes 25 Vis in Westward 55,A93 34 in 100 ft-lb to 200 ft-lb 2 ft-lb, 2.7 N-m Yes 34 Vis in Vestward 55,A93 34 in 100 ft-lb to 200 ft-lb 2 ft-lb, 2.7 N-m Yes 34 Vis in Vestward 55,A95 1n 200 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Vestward 55,A96 <t< td=""><td>3/4 IN</td><td>120 ft-lb to 600 ft-lb</td><td></td><td></td><td>48 ½ in</td><td></td><td></td></t<>	3/4 IN	120 ft-lb to 600 ft-lb			48 ½ in		
3% 10 10 1-b 10 10 10 1-b 10 1-b 10 10-b 10 10-b 10 10-b 10 1-b 10 10-b 10 10-b 10 10-b 10 10-b 10 10-b 10 10-b 10-b 10 10-b 10 10-b 10-b 10 10-b 10-b 10 10-b 10-b 10 10-b 10 10-b 10 10-b 10 10-b 10 10-b 10 10-b		140 TT-ID TO /UU TT-ID	2 π-ID	NO	46 % IN	Proto	426F19
3% in 10 ft-lb to 100 ft-lb 0.7. N-m, 1ft-lb Yes 16 in Cdi YVX1 3% in 10 ft-lb to 100 ft-lb 0.5. ft-lb, 0.7. N-m Yes 17. Yis in Westward 40.043<*	3% in		0.5 ft-lb 0.7 N-m	Yes	17 ½6 in	Westward	55.IA97
% in 20 ft-lb to 100 ft-lb 0.5 ft-lb, 0.7 N-m Yes 17 Yes in Westward 40A96 * ½ in 20 ft-lb to 150 ft-lb 1 ft-lb, 1.35 N-m No 18 in Westward 40A96 * ½ in 20 ft-lb to 150 ft-lb 1 ft-lb, 1.4 N-m Yes 19 in Cdi 47YX8 ½ in 30 ft-lb to 250 ft-lb 1 in-lb, 1.4 N-m Yes 24 ½ in Cdi 47YY1 ½ in 30 ft-lb to 250 ft-lb 1 in-lb, 1.4 N-m Yes 24 ½ in Gearwrench 644041 ½ in 50 ft-lb to 250 ft-lb 1 ft-lb, 2.7 N-m Yes 35 ¼/s in Westward 55JA93 ¾ in 100 ft-lb to 600 ft-lb 5 in-lb, 6.8 N-m Yes 42 in Cdi 47YY4 1 in 140 ft-lb to 200 in-lb 1 in-lb Ne Yes 11 ¼ in Nettward 55JA93 1 in 10 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 ¾ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼	3/8 in	10 ft-lb to 100 ft-lb	0.7 N-m. 1 ft-lb				
% in 20 ft-lb to 100 ft-lb 0.5 ft-lb, 0.7 N-m Yes 17 Yes in Westward 40A96 * ½ in 20 ft-lb to 150 ft-lb 1 ft-lb, 1.35 N-m No 18 in Westward 40A96 * ½ in 20 ft-lb to 150 ft-lb 1 ft-lb, 1.4 N-m Yes 19 in Cdi 47YX8 ½ in 30 ft-lb to 250 ft-lb 1 in-lb, 1.4 N-m Yes 24 ½ in Cdi 47YY1 ½ in 30 ft-lb to 250 ft-lb 1 in-lb, 1.4 N-m Yes 24 ½ in Gearwrench 644041 ½ in 50 ft-lb to 250 ft-lb 1 ft-lb, 2.7 N-m Yes 35 ¼/s in Westward 55JA93 ¾ in 100 ft-lb to 600 ft-lb 5 in-lb, 6.8 N-m Yes 42 in Cdi 47YY4 1 in 140 ft-lb to 200 in-lb 1 in-lb Ne Yes 11 ¼ in Nettward 55JA93 1 in 10 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 ¾ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼	3⁄8 in	10 ft-lb to 100 ft-lb	1 ft-lb, 1.4 N-m		18 ¼ in		644D43 *
1 in 140 ft-lb to 700 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Westward 55,1496 1 in 200 ft-lb to 700 ft-lb 5 ft-lb, 6.8 N-m Yes 70 in Cdi 47VY5 1 inch-Pound 1 14 in 10 in-lb to 200 in-lb 1 in-lb Ne 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¼ in Sturtevant Fischmont 53CA70 3/6 in 15 in-lb 5 in-lb Yes 9 ½ in Sturtevant Fischmont 53CA70 3/6 in 10 in-lb to 750 in-lb 5 in-lb Yes 9 ½ in Westward 55JA94 4/in 10 in-lb to 150 in-lb 0.6 N-m, 0.6 N-m, <t< td=""><td>3⁄8 in</td><td>20 ft-lb to 100 ft-lb</td><td>0.5 ft-lb, 0.7 N-m</td><td>Yes</td><td></td><td></td><td></td></t<>	3⁄8 in	20 ft-lb to 100 ft-lb	0.5 ft-lb, 0.7 N-m	Yes			
1 in 140 ft-lb to 700 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Westward 55,1496 1 in 200 ft-lb to 700 ft-lb 5 ft-lb, 6.8 N-m Yes 70 in Cdi 47VY5 1 inch-Pound 1 14 in 10 in-lb to 200 in-lb 1 in-lb Ne 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¼ in Sturtevant Fischmont 53CA70 3/6 in 15 in-lb 5 in-lb Yes 9 ½ in Sturtevant Fischmont 53CA70 3/6 in 10 in-lb to 750 in-lb 5 in-lb Yes 9 ½ in Westward 55JA94 4/in 10 in-lb to 150 in-lb 0.6 N-m, 0.6 N-m, <t< td=""><td><u>1/2 in</u></td><td>10 ft-lb to 150 ft-lb</td><td>1 ft-lb, 1.35 N-m</td><td>No</td><td>18 in</td><td></td><td>4DA96 *</td></t<>	<u>1/2 in</u>	10 ft-lb to 150 ft-lb	1 ft-lb, 1.35 N-m	No	18 in		4DA96 *
1 in 140 ft-lb to 700 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Westward 55,1496 1 in 200 ft-lb to 700 ft-lb 5 ft-lb, 6.8 N-m Yes 70 in Cdi 47VY5 1 inch-Pound 1 14 in 10 in-lb to 200 in-lb 1 in-lb Ne 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¼ in Sturtevant Fischmont 53CA70 3/6 in 15 in-lb 5 in-lb Yes 9 ½ in Sturtevant Fischmont 53CA70 3/6 in 10 in-lb to 750 in-lb 5 in-lb Yes 9 ½ in Westward 55JA94 4/in 10 in-lb to 150 in-lb 0.6 N-m, 0.6 N-m, <t< td=""><td></td><td>20 ft-lb to 150 ft-lb</td><td>1 ft-lb, 1.4 N-III</td><td>Vec</td><td></td><td></td><td></td></t<>		20 ft-lb to 150 ft-lb	1 ft-lb, 1.4 N-III	Vec			
1 in 140 ft-lb to 700 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Westward 55,1496 1 in 200 ft-lb to 700 ft-lb 5 ft-lb, 6.8 N-m Yes 70 in Cdi 47VY5 1 inch-Pound 1 14 in 10 in-lb to 200 in-lb 1 in-lb Ne 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¼ in Sturtevant Fischmont 53CA70 3/6 in 15 in-lb 5 in-lb Yes 9 ½ in Sturtevant Fischmont 53CA70 3/6 in 10 in-lb to 750 in-lb 5 in-lb Yes 9 ½ in Westward 55JA94 4/in 10 in-lb to 150 in-lb 0.6 N-m, 0.6 N-m, <t< td=""><td>1/2 in</td><td>30 ft-lb to 250 ft-lb</td><td>1 in-lb 1 4 N-m</td><td>Yes</td><td>20 III 24 1/2 in</td><td></td><td></td></t<>	1/2 in	30 ft-lb to 250 ft-lb	1 in-lb 1 4 N-m	Yes	20 III 24 1/2 in		
1 in 140 ft-lb to 700 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Westward 55,1496 1 in 200 ft-lb to 700 ft-lb 5 ft-lb, 6.8 N-m Yes 70 in Cdi 47VY5 1 inch-Pound 1 14 in 10 in-lb to 200 in-lb 1 in-lb Ne 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¼ in Sturtevant Fischmont 53CA70 3/6 in 15 in-lb 5 in-lb Yes 9 ½ in Sturtevant Fischmont 53CA70 3/6 in 10 in-lb to 750 in-lb 5 in-lb Yes 9 ½ in Westward 55JA94 4/in 10 in-lb to 150 in-lb 0.6 N-m, 0.6 N-m, <t< td=""><td>1/2 in</td><td>30 ft-lb to 250 ft-lb</td><td>2 ft-lb, 2.7 N-m</td><td>Yes</td><td>25 in</td><td>Gearwrench</td><td></td></t<>	1/2 in	30 ft-lb to 250 ft-lb	2 ft-lb, 2.7 N-m	Yes	25 in	Gearwrench	
1 in 140 ft-lb to 700 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Westward 55,1496 1 in 200 ft-lb to 700 ft-lb 5 ft-lb, 6.8 N-m Yes 70 in Cdi 47VY5 1 inch-Pound 1 14 in 10 in-lb to 200 in-lb 1 in-lb Ne 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¼ in Sturtevant Fischmont 53CA70 3/6 in 15 in-lb 5 in-lb Yes 9 ½ in Sturtevant Fischmont 53CA70 3/6 in 10 in-lb to 750 in-lb 5 in-lb Yes 9 ½ in Westward 55JA94 4/in 10 in-lb to 150 in-lb 0.6 N-m, 0.6 N-m, <t< td=""><td>1⁄2 in</td><td>50 TT-ID TO 250 TT-ID</td><td>1 ft-lb, 1.4 N-m</td><td>Yes</td><td>24 ½ in</td><td>Westward</td><td>55JA99</td></t<>	1⁄2 in	50 TT-ID TO 250 TT-ID	1 ft-lb, 1.4 N-m	Yes	24 ½ in	Westward	55JA99
1 in 140 ft-lb to 700 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Westward 55,1496 1 in 200 ft-lb to 700 ft-lb 5 ft-lb, 6.8 N-m Yes 70 in Cdi 47VY5 1 inch-Pound 1 14 in 10 in-lb to 200 in-lb 1 in-lb Ne 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¼ in Sturtevant Fischmont 53CA70 3/6 in 15 in-lb 5 in-lb Yes 9 ½ in Sturtevant Fischmont 53CA70 3/6 in 10 in-lb to 750 in-lb 5 in-lb Yes 9 ½ in Westward 55JA94 4/in 10 in-lb to 150 in-lb 0.6 N-m, 0.6 N-m, <t< td=""><td>3/4 in</td><td></td><td>2 ft-lb, 2.7 N-m</td><td>Yes</td><td>35 ¹¹/16 in</td><td></td><td>55JA93</td></t<>	3/4 in		2 ft-lb, 2.7 N-m	Yes	35 ¹¹ /16 in		55JA93
1 in 140 ft-lb to 700 ft-lb 2 ft-lb, 2.7 N-m Yes 48 % in Westward 55,1496 1 in 200 ft-lb to 700 ft-lb 5 ft-lb, 6.8 N-m Yes 70 in Cdi 47VY5 1 inch-Pound 1 14 in 10 in-lb to 200 in-lb 1 in-lb Ne 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F21 1/4 in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 3/6 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¼ in Sturtevant Fischmont 53CA70 3/6 in 15 in-lb 5 in-lb Yes 9 ½ in Sturtevant Fischmont 53CA70 3/6 in 10 in-lb to 750 in-lb 5 in-lb Yes 9 ½ in Westward 55JA94 4/in 10 in-lb to 150 in-lb 0.6 N-m, 0.6 N-m, <t< td=""><td>3/4 IN</td><td></td><td>5 ft-lb, 6.8 N-m</td><td>Yes</td><td>42 in</td><td></td><td></td></t<>	3/4 IN		5 ft-lb, 6.8 N-m	Yes	42 in		
Inch-Pound Sturtevant Sturtevant ¼ in 10 in-lb to 50 in-lb 1 in-lb Yes 11 ¼ in Proto 426F21 ¼ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F21 ¼ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 ¾ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 ¾ in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¾ in Proto 426F23 ¾ in 40 in-lb to 200 in-lb 2 in-lb Yes 10 ¾ in Sturtevant 53CA74 ¾ in 10 in-lb to 750 in-lb 5 in-lb Yes 15 ¼ in Sturtevant 53CA74 ¾ in 10 in-lb to 60 in-lb 0.66 N-m, 0.5 in-lb Newtord 55JA94 ¼ in 10 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 10 ¼ in Cdi 470X4 ¾ in 10 in-lb to 200 in-lb 0.12 N-m, 1 in-lb Yes 11 ¼ in		1/0 ft-lb to 700 ft-lb	2 ft-lb, 0.8 N-m	100	42 III 48 56 in	Westward	
Inch-Pound Sturtevant Sturtevant ¼ in 10 in-lb to 50 in-lb 1 in-lb Yes 11 ¼ in Proto 426F21 ¼ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F21 ¼ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 ¾ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 426F23 ¾ in 40 in-lb to 200 in-lb 1 in-lb Yes 10 ¾ in Proto 426F23 ¾ in 40 in-lb to 200 in-lb 2 in-lb Yes 10 ¾ in Sturtevant 53CA74 ¾ in 10 in-lb to 750 in-lb 5 in-lb Yes 15 ¼ in Sturtevant 53CA74 ¾ in 10 in-lb to 60 in-lb 0.66 N-m, 0.5 in-lb Newtord 55JA94 ¼ in 10 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 10 ¼ in Cdi 470X4 ¾ in 10 in-lb to 200 in-lb 0.12 N-m, 1 in-lb Yes 11 ¼ in		200 ft-lb to 1000 ft-lb	5 ft-lb, 6.8 N-m				4464
74 in 40 in-lb to 20 in-lb 1 in-lb 11 4 in 11 1 4 in 11 4 in		ound					
14 in 40 in-lb to 200 in-lb 1 in-lb No 11 14 in Proto 426F21 14 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 14 in Proto 426F21 36 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 14 in Proto 426F23 36 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 34 in Proto 426F23 36 in 40 in-lb to 200 in-lb 2 in-lb Yes 10 34 in Sturtevant 53CA74 * 36 in 10 in-lb to 750 in-lb 5 in-lb Yes 15 14 in Proto 426F25 Inch-Pound, Newton-Meter 50 in-lb 5 in-lb Ne 15 in Proto 426F25 Inch-Pound, Newton-Meter 0.5 in-lb 16 No 15 in Proto 426F25 Vi in 10 in-lb to 60 in-lb 0.6 N-m, 0.5 in-lb Yes 19 ½ in Westward 55JA94 14 in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 ½ in Westward 55JA94 14 in 2 N-m to 10 N-m 0.11 N-m, 1 in-lb Yes 11 ½ i	1⁄4 in	10 in-lb to 50 in-lb	1 in-lb	Yes	11 ¼ in		53CA69 *
14 in 40 in-lb to 200 in-lb 1 in-lb Yes 11 1/4 in Proto 426F23 36 in 40 in-lb to 200 in-lb 1 in-lb No 11 1/4 in Proto 426F23 36 in 40 in-lb to 200 in-lb 1 in-lb Yes 10 3/4 in Richmont 53CA74 * 36 in 40 in-lb to 200 in-lb 2 in-lb Yes 10 3/4 in Richmont 53CA74 * 36 in 10 50 in-lb to 750 in-lb 5 in-lb Yes 15 1/4 in Proto 426F25 Inch-Pound, Newton-Meter 51 in-lb No 15 in Proto 426F25 Inch-Pound, Newton-Meter 0.5 in-lb Yes 9 % in Westward 55JA94 1/4 in 10 in-lb to 60 in-lb 0.12 N-m, 1 in-lb Yes 11 1/4 in Cdi 470X6 3/6 in 30 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 1/4 in Cdi 470X6 3/6 in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 1/4 in Cdi 470X6 3/6 in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 1/4							
3% in 40 in-lb to 200 in-lb 1 in-lb No 11 ¼ in Proto 426F23 3% in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto 47464 3% in 40 in-lb to 200 in-lb 2 in-lb Yes 10 ¾ in Sturtevant Richmont 53CA74 3% in 150 in-lb to 750 in-lb 5 in-lb Yes 15 ¼ in Sturtevant Richmont 53CA70 3% in 200 in-lb to 1000 in-lb 5 in-lb No 15 in Proto 426F23 Inch-Pound, Newton-Meter	1/4 in						
¾ in 40 in-lb to 200 in-lb 1 in-lb Yes 11 ¼ in Proto Y464 ¾ in 40 in-lb to 200 in-lb 2 in-lb Yes 10 ¾ in Sturtevant Richmont S3CA74 * ¾ in 150 in-lb to 750 in-lb 5 in-lb Yes 15 ¼ in Sturtevant Richmont S3CA70 * ¾ in 200 in-lb to 750 in-lb 5 in-lb Yes 15 ¼ in Proto 426F25 Inch-Pound, Newton-Meter 0.06 N-m, 0.5 in-lb Yes 9 ¼ in Westward 55JA94 ¼ in 10 in-lb to 60 in-lb 0.5 in-lb Yes 9 ¼ in Westward 55JA94 ¼ in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 ¼ in Westward 55JA94 ¼ in 20 in-lb to 220 in-lb 0.12 N-m, 1 in-lb Yes 11 ¼ in Westward 55JA91 ¾ in 30 in-lb to 220 in-lb 0.11 N-m, 1 in-lb Yes 11 ¼ in Sturtevant 53CA75 ¾ in 4 N-m to 20 N-m 0.2 N-m Yes 11 ¼ in Sturtevant	3% in	40 in-lb to 200 in-lb			11 ¼ in		
9% III 40 III-lib (200 III-lib 2 III-lib Yes 10 94 III Richmont Start44 3% in 150 in-lb to 750 in-lb 5 in-lb Yes 15 14 in Richmont Start47 3% in 200 in-lb to 750 in-lb 5 in-lb Yes 15 14 in Proto Startevant 11 no 10 in-lb to 1000 in-lb 5 in-lb No 15 in Proto 426F25 14/in 10 in-lb to 60 in-lb 0.06 N-m, 0.5 in-lb Yes 9 % in Westward 55JA94 14/in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 10 ¼ in Cdi 4YVX4 3% in 20 in-lb 0.51 n-lb 11 ½ in Westward 55JA94 14/in 20 in-lb 0.21 N-m, 1 in-lb Yes 11 ½ in Westward 55JA93 3% in 40 in-lb to 200 in-lb 0.21 N-m, 1 in-lb Yes 11 ½ in Westward 55JA92 3/4 in 2 N-m to 10 N-m 0.2 N-m Yes 11 ½ in Startevant StacA75 *		40 in-lb to 200 in-lb				Proto	
% in 150 in-lb to 750 in-lb 5 in-lb Yes 15 ¼ in Sturtevant Richmont S3CA70 % in 200 in-lb to 750 in-lb 5 in-lb No 15 in Proto 426F25 Inch-Pound, Newton-Meter 0.06 N-m, 0.5 in-lb 9 % in Westward 55JA94 ¼ in 10 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 9 % in Westward 55JA94 ¼ in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 ½ in Westward 55JA94 ¾ in 30 in-lb to 50 in-lb 0.12 N-m, 1 in-lb Yes 11 ¼ in Cdi 47VX4 ¾ in 30 in-lb to 200 in-lb 0.12 N-m, 1 in-lb Yes 11 ¼ in Cdi 47VX4 ¾ in 30 in-lb to 200 In-lb 0.12 N-m, 1 in-lb Yes 11 ¼ in Cdi 47VX6 % in 4 N-m to 20 N-m 0.1 N-m Yes 11 ¼ in Sturtevant Stores ¼ in 2 N-m to 10 N-m 0.2 N-m Yes 11 ¼ in Sturtevant StocA76 * ½ in	3⁄8 in	40 in-lb to 200 in-lb	2 in-lb	Yes	10 ¾ in		53CA74 *
% in 150 In-lb to 750 In-lb 5 In-lb Yes 15 /4 in Richmont SJAA70 % in 200 in-lb to 700 In-lb 5 in-lb No 15 in Proto 426F25 Inch-Pound, Newton-Meter 0.06 N-m, 0.5 in-lb 9% in Westward 55JA94 ¼ in 10 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 9 % in Westward 55JA94 ¾ in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 ½ in Westward 55JA94 ¾ in 30 in-lb to 200 in-lb 0.12 N-m, 1 in-lb Yes 11 ½ in Westward 55JA93 % in 40 in-lb to 200 in-lb 0.12 N-m, 1 in-lb Yes 11 ½ in Westward 55JA93 % in 40 in-lb to 200 In-lb 0.12 N-m, 1 in-lb Yes 11 ½ in Westward 53JA93 ½ in 2 N-m to 10 N-m 0.1 N-m Yes 11 ½ in Startevant 53CA75 ½ in 40 N-m to 20 N-m 0.2 N-m Yes 24 ¼ in Startevant StacA75 ½ i			2 10	100	10 /111		
3% in 200 in-lb to 1000 in-lb 5 in-lb No 15 in Proto 426F25 Inch-Pound, Newton-Meter	⅔ in	150 in-lb to 750 in-lb	5 in-lb	Yes	15 ¼ in		53CA70 *
¼ in 10 in-lb to 60 in-lb 0.06 N-m, 0.5 in-lb 9 ½ in Westward 55JA94 ¼ in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 9 ½ in Westward 55JA94 ¼ in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 10 ¼ in Cdi 47VX4 ¾ in 20 in-lb to 150 in-lb 0.11 N-m, 1 in-lb Yes 10 ¼ in Cdi 47VX4 ¾ in 40 in-lb to 200 in-lb 0.12 N-m, 1 in-lb Yes 11 ¼ in Cdi 47VX6 ¾ in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 ½ in Westward 55JA92 №wton-Meter 50 AP 11 ½ in Westward 53CA75 * ¼ in 2 N-m to 10 N-m 0.2 N-m Yes 11 ¼ in Sturtevant S3CA76 * ½ in 40 N-m to 200 N-m 1 N-m Yes 19 ¼ in Sturtevant S3CA76 * ½ in 60 N-m to 300 N-m 2 N-m Yes 24 ¼ in Sturtevant S3CA76 * ¼ in 160 N-m to 800 N-m 2 N-m Yes 24 ¼ in S	3⁄8 in	200 in-lb to 1000 in-lb	5 in-lb	No	15 in		426F25
94 int 10 in-lb to 20 in-lb 0,5 in-lb res 9 % int Westward 55JA94 94 int 20 in-lb to 150 in-lb 0.11 h-m, 1 in-lb Yes 11 ½ in Westward 55JA94 94 int 20 in-lb to 150 in-lb 0.12 N-m, 1 in-lb Yes 11 ½ in Cdi 47VX6 96 in 30 in-lb to 250 in-lb 0.12 N-m, 1 in-lb Yes 11 ½ in Cdi 47VX6 96 in 40 in-lb to 250 in-lb 0.12 N-m, 1 in-lb Yes 11 ½ in Cdi 47VX6 96 in 40 in-lb to 250 in-lb 0.11 N-m, 1 in-lb Yes 11 ½ in Cdi 47VX6 96 in 40 n-lb to 200 N-m 0.1 N-m, 1 in-lb Yes 11 ¾ in Sichmont 53CA75 * 19 in 4 N-m to 20 N-m 0.2 N-m Yes 19 ¼ in Sichmont 53CA76 * 19 in 60 N-m to 300 N-m 2 N-m Yes 24 ¼ in Sichmont 53CA77 * 19 in 160 N-m to 800 N-m 2 ft-lb No 41 ½ in Proto 426F18 7eot-Pound 17 ¼ in 50 ft-lb to 250 ft-lb 1 ft-lb No<	Inch-P	ound, Newton-Meter					
14 in 40 in-lb to 200 in-lb 0.11 N-m, 1 in-lb Yes 11 ½ in Westward S5JA91 3% in 20 in-lb to 150 in-lb 0.12 N-m, 1 in-lb Yes 10 ¼ in Cdi 4YVX6 3% in 30 in-lb to 200 in-lb 0.12 N-m, 1 in-lb Yes 11 ¼ in Cdi 4YVX6 3% in 40 in-lb to 200 in-lb 0.12 N-m, 1 in-lb Yes 11 ½ in Westward S5JA92 Wexton-Meter 11 ½ in 20 in-lb 0.11 N-m, 1 in-lb Yes 11 ½ in Westward S5JA92 ½ in 2 N-m to 10 N-m 0.1 N-m, Yes 7 ½ in Gedore 49AD70 * 3% in 4 N-m to 20 N-m 0.2 N-m Yes 11 ¼ in Sturtevant Sturtevant 1½ in 60 N-m to 300 N-m 2 N-m Yes 24 ¼ in Sturtevant Stu	1⁄4 in	10 in-lb to 60 in-lb		Yes	9 5∕s in	Westward	55JA94
Ya in 40 min to 200 min to 0.11 N-m, 11, 11min to Yes 11 ½ m Westward 49 AD70 Start ½ in 2 N-m to 10 N-m 0.1 N-m Yes 7 ½ in Gedore 49 AD70 Start ½ in 4 N-m to 20 N-m 0.2 N-m Yes 11 ¾ in Sturtevant 53 CA75 Sturtevant 53 CA76 Richmont 53 CA77 Richmont 54 Ca44 Richmont 53 CA77 Richmont 54 Ca45 54 Ca44 56 Ca44	1/4 in	40 in-lb to 200 in-lb	0.11 N-m 1 in-lb	Vac	11 16 in	Weetward	55 1401
Ya in 40 min to 200 min to 0.11 N-m, 11, 11min to Yes 11 ½ m Westward 49 AD70 Start ½ in 2 N-m to 10 N-m 0.1 N-m Yes 7 ½ in Gedore 49 AD70 Start ½ in 4 N-m to 20 N-m 0.2 N-m Yes 11 ¾ in Sturtevant 53 CA75 Sturtevant 53 CA76 Richmont 53 CA77 Richmont 54 Ca44 Richmont 53 CA77 Richmont 54 Ca45 54 Ca44 56 Ca44	3% in	20 in-lb to 150 in-lb	0.12 N-m. 1 in-lh		10 ¼ in		
Ya in 40 min to 200 min to 0.11 N-m, 11, 11min to Yes 11 ½ m Westward 49 AD70 Start ½ in 2 N-m to 10 N-m 0.1 N-m Yes 7 ½ in Gedore 49 AD70 Start ½ in 4 N-m to 20 N-m 0.2 N-m Yes 11 ¾ in Sturtevant 53 CA75 Sturtevant 53 CA76 Richmont 53 CA77 Richmont 54 Ca44 Richmont 53 CA77 Richmont 54 Ca45 54 Ca44 56 Ca44	3% in	30 in-lb to 250 in-lb	0.12 N-m, 1 in-lb		11 1/4 in		
1/4 in 2 N-m to 10 N-m 0.1 N-m Yes 7 ¼ in Gedore 49AD70 * 3% in 4 N-m to 20 N-m 0.2 N-m Yes 11 ¾ in Sturtevant Richmont 53CA75 * ½ in 40 N-m to 200 N-m 1 N-m Yes 19 ¼ in Sturtevant Richmont 53CA76 * ½ in 60 N-m to 300 N-m 2 N-m Yes 24 ¼ in Sturtevant Richmont 53CA77 * ½ in 60 N-m to 800 N-m 2 N-m Yes 24 ¼ in Sturtevant Richmont 53CA77 * 74 in 160 N-m to 800 N-m 2 ft-lb No 41 ½ in Proto 426F18 760t-Pound 19 1/4 in Netword 1ft-lb No 27 ¼ in Proto 24AJ65 760t-Pound, weton-Meter - - - 24 ½ in Cdi 30HM05 1/2 in 30 ft-lb to 250 ft-lb 1 ft-lb, 1.4 N-m Yes 24 ½ in Cdi 30HM05 Newton-Meter - - - -	3⁄8 in	40 in-lb to 200 in-lb	0.11 N-m, 1 in-lb				
% in 4 N-m to 20 N-m 0.2 N-m Yes 11 ¾ in Sturtevant Richmont 53CA75 ½ in 40 N-m to 200 N-m 1 N-m Yes 19 ¼ in Sturtevant Richmont 53CA76 * ½ in 60 N-m to 300 N-m 2 N-m Yes 24 ¼ in Sturtevant Richmont 53CA76 * ¾ in 160 N-m to 300 N-m 2 N-m Yes 24 ¼ in Proto 53CA77 * ¾ in 160 N-m to 800 N-m 2 ft-lb No 41 ½ in Proto 426F18 Tether-Ready Batcheting Micrometer Torque Wrenches Foot-Pound Ye in 50 ft-lb 1 ft-lb No 27 ¼ in Proto 24AJ65 Foot-Pound, Newton-Meter Ye in 30 ft-lb to 250 ft-lb 1 ft-lb, 1.4 N-m Yes 24 ½ in Cdi 30HM05 Newton-Meter ¾ in 0.5 N-m No 15 in Proto 24AJ63			0.1.11	V.	7.17.	0	404030
Ya in 4 N-m to 20 N-m 0.2 N-m Yes 11 ½ in Richmont Richmont Sturtevant							
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Main Main <th< td=""><td>16 in</td><td>40 N m to 200 N m</td><td>1.11.m</td><td>Vee</td><td>10.1/. in</td><td></td><td>E20476 *</td></th<>	16 in	40 N m to 200 N m	1.11.m	Vee	10.1/. in		E20476 *
½2 in b0 N-m to 300 N-m 2 N-m Yes 24 /4 in Richmont SJGA77 ¾ in 160 N-m to 800 N-m 2 ft-lb No 41 ½ in Proto 426F18 Tether-Ready Ratcheting Micrometer Torque Wrenches Foot-Pound Value Proto 424AJ65 Foot-Pound, Newton-Meter 1 ft-lb No 27 ¼ in Proto 24AJ65 Ya in 30 ft-lb to 250 ft-lb 1 ft-lb, 1.4 N-m Yes 24 ½ in Cdi 30HM05 Newton-Meter Ya in 16 N-m to 80 N-m 0.5 N-m No 15 in Proto 24AJ63	92 111	40 N-111 LO 200 N-111	1 IN-111	res	19 74 111		030A/0
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Tether-Ready Ratcheting Micrometer Torque Wrenches Foot-Pound Proto 24AJ65 Ye in 50 ft-lb to 250 ft-lb 1 ft-lb No 27 ¼ in Proto 24AJ65 Foot-Pound, Newton-Meter	3⁄4 in	160 N-m to 800 N-m	2 ft-lb	No	41 ½ in		426F18
Foot-Pound Proto 24AJ65 76ot-Pound, Newton-Meter 71/4 in Proto 24AJ65 7/6 in 30 ft-lb to 250 ft-lb 1 ft-lb, 1.4 N-m Yes 24 ½ in Cdi 30HM05 Newton-Meter 30 ft-lb to 250 ft-lb 1 ft-lb, 1.4 N-m Yes 24 ½ in Cdi 30HM05 Newton-Meter 3% in 16 N-m to 80 N-m 0.5 N-m No 15 in Proto 24AJ63					11 /2 11		
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Newton-Meter % in 16 N-m to 80 N-m 0.5 N-m No 15 in Proto 24AJ63			1 ft-lh 1 / N-m	Vec	24 16 in	Cdi	30HM05
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