

RSL-SERIES LOW-PROFILE HEXAGON & SQUARE DRIVE TORQUE WRENCHES

ONE DRIVE, TWO TOOLS



ENERPAC 

▼ RSL Drive Units with interchangeable RLP Hexagon Cassette and RSQ Square Drive Head



Setting New Standards in Safety, Simplicity and Performance



Options and Accessories

Optional extended reaction arms and tubes are common accessories available for maximum versatility. Please contact your Enerpac representative to help you select the optimum solution for your application.

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Safety and Performance

- Innovative design that completely encloses all moving parts and minimizes pinch points
- 30-35° rotation angle provides added productivity while avoiding "tool lock-on" which is common with some torque wrench designs

Simplicity

- Simple robust alloy steel design with just three moving parts for reduced maintenance
- Robust handles are available for both sides and the tops of cassettes to allow for extra maneuverability
- Designed to give optimum strength-to-weight and torque-to-weight ratios
- Minimum nose radius for trouble-free tool fit

Versatility

- Interchangeable cassette design
- Wide range of hexagon sizes available for all applications
- Reaction arm has a simple dial lock for rapid change
- For use in multiple industrial, energy, and oil and gas applications

Accuracy

- Accuracy of +/-3%



Back-Up Spanner

To be used to stop back nut from turning during make up or break out. Two hex sizes in one tool.

Hexagon Sizes (A/F)		Back-Up Spanner Model Number
(in)	(mm)	
1 1/16 - 1 1/4	27 - 32	BUS 01
1 7/16 - 1 5/8	36 - 41	BUS 02
1 13/16 - 2	46 - 50	BUS 03
2 3/16 - 2 3/8	55 - 60	BUS 04
2 9/16 - 2 3/4	65 - 70	BUS 05
2 15/16 - 3 1/8	75 - 80	BUS 06
3 1/2 - 3 7/8	-	BUS 07
4 1/4 - 4 5/8	-	BUS 08
-	85 - 90	BUS 09
3 3/4 - 3 15/16	95 - 100	BUS 10
4 1/8 - 4 15/16	105 - 110	BUS 11
-	115 - 120	BUS 12



Torque Wrench Pumps

Visit enerpac.com for system-matched air and electric torque wrench pumps that are ideal for use with hydraulic torque wrenches.

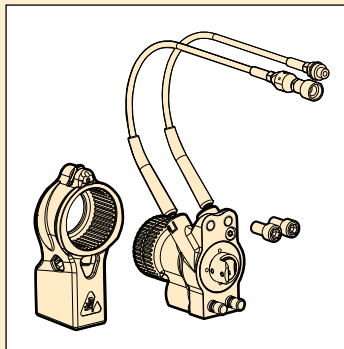
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Drive Units for Hexagon Cassettes & Square Drive Heads

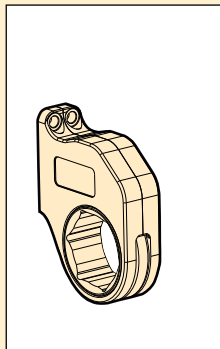


One Drive, Two Tools

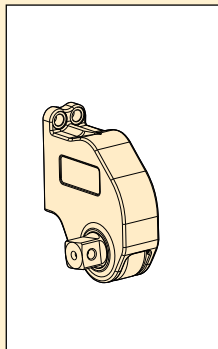
One RSL-Hydraulic Drive Unit fits RLP-Hexagon Cassette or RSQ-Square Drive Head.



RSL

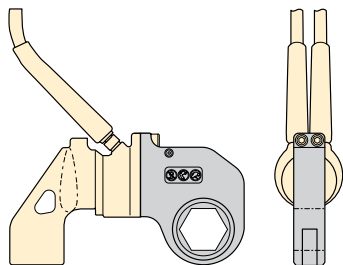


RLP... / RLP...SL

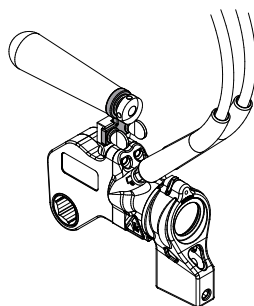


RSQ

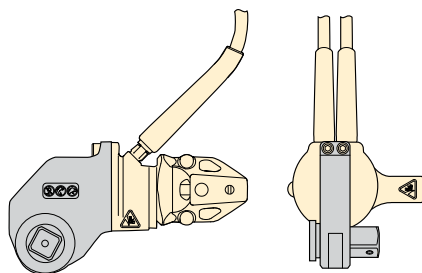
▼ RSL Torque Wrench Drive Unit shown with RLP Low-Profile Hexagon Cassette



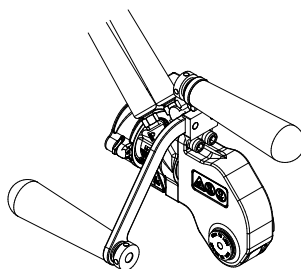
▼ Contact Enerpac for optional handles.



▼ RSL Torque Wrench Drive Unit shown with RSQ Square Drive Head



▼ Contact Enerpac for optional handles.



▼ SELECTION CHART

Hexagon Cassette Range (A/F) (see pages 4-8 for sizes and model numbers)		Drive Unit Model Number	Maximum Torque Output		Weight (lbs)
(in)	(mm)		(ft-lbs)	Nm	
7/8 - 2 3/8	26 - 60	RSL1500	1408	1909	3.4
1 1/4 - 2 15/16	32 - 74	RSL3000	3080	4176	5.6
2 - 3 1/8	50 - 80	RSL5000	5303	7190	8.9
2 3/16 - 3 1/8	55 - 80	RSL8000	7862	10659	10.6
2 9/16 - 4 5/8	65 - 117	RSL11000	11,154	15123	11.6
3 1/8 - 4 5/8	79 - 117	RSL19000	18,843	25547	20.0
3 1/2 - 6 1/8	89 - 155	RSL28000	28,002	37965	22.0

RSL Series



Maximum Torque Output:

1408 - 28,002 ft-lbs

Hexagon Range:

7/8 - 6 1/8 inches

Hexagon Range:

26 - 155 mm

Maximum Operating Pressure:

10,000 psi



Select the Right Torque

250%
Choose your Enerpac Torque Wrench using the untightening rule of thumb: Loosening torque equals about 250% of tightening torque.



Torque Wrench Hoses

Use Enerpac THQ-700 Series hoses with RSL-Series torque wrenches to ensure the integrity of your hydraulic system.

6 feet long, 2 hoses	THQ702T
19.5 feet long, 2 hoses	THQ706T
39 feet long, 2 hoses	THQ712T



RLP-Series, Low-Profile Hexagon Cassettes

For metric and imperial hexagon cassettes see pages 4-8.

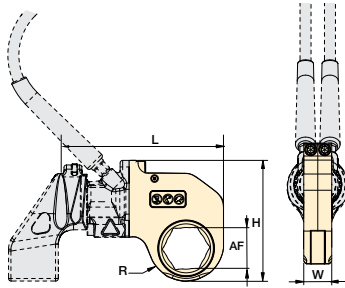
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RSQ-Series, Square-Drive Heads

RSQ Square Drive Heads are interchangeable with the RLP Hexagon Cassettes for the same size RSL Drive Unit.

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Hexagon Range:
7/8 - 6 1/8 inches

Hexagon Range:
26 - 155 mm

Maximum Operating Pressure:
10,000 psi

RSL Series



▼ **SELECTION CHART**

Drive Unit Model Number	AF Size		Hexagon Cassette Model Number	Maximum Torque Output		Dimensions (in)				Wt. (lbs)	Dimensions (mm)				Wt. (kg)
	(in)	(mm)		(ft-lbs)	(Nm)	R	L	W	H		R	L	W	H	
RSL1500	7/8	-	RPL 1014	320	434	0.79	6.00	1.25	4.33	2.2	20,1	152,4	31,8	110,0	1,0
	1 1/16	26	RPL 1101	640	868	0.95	6.05	1.25	4.50	2.2	24,1	153,7	31,8	114,3	1,0
	1 1/8	-	RPL 1102	640	868	1.03	6.12	1.25	4.57	2.3	26,2	155,4	31,8	116,1	1,0
	1 3/16	30	RPL 1103	640	868	1.03	6.12	1.25	4.57	2.3	26,2	155,4	31,8	116,1	1,0
	1 1/4	32	RPL 1104	640	868	1.03	6.12	1.25	4.57	2.3	26,2	155,4	31,8	116,1	1,0
	1 5/16	33	RPL 1105	900	1220	1.15	6.24	1.25	4.69	2.4	29,2	158,5	31,8	119,1	1,1
	1 3/8	35	RPL 1106	900	1220	1.15	6.24	1.25	4.69	2.4	29,2	158,5	31,8	119,1	1,1
	1 7/16	36	RPL 1107	900	1220	1.15	6.24	1.25	4.69	2.4	29,2	158,5	31,8	119,1	1,1
	1 1/2	38	RPL 1108	1408	1909	1.31	6.41	1.25	4.86	2.7	33,3	162,8	31,8	123,4	1,2
	1 9/16	-	RPL 1109	1408	1909	1.31	6.41	1.25	4.86	2.7	33,3	162,8	31,8	123,4	1,2
	1 5/8	41	RPL 1110	1408	1909	1.31	6.41	1.25	4.86	2.7	33,3	162,8	31,8	123,4	1,2
	1 11/16	-	RPL 1111	1408	1909	1.40	6.49	1.25	4.94	2.7	35,6	164,8	31,8	125,5	1,2
	1 3/4	-	RPL 1112	1408	1909	1.40	6.49	1.25	4.94	2.7	35,6	164,8	31,8	125,5	1,2
	1 13/16	46	RPL 1113	1408	1909	1.40	6.49	1.25	4.94	2.7	35,6	164,8	31,8	125,5	1,2
	1 7/8	-	RPL 1114	1408	1909	1.48	6.58	1.25	5.03	2.7	37,6	167,1	31,8	127,8	1,2
	1 15/16	-	RPL 1115	1408	1909	1.48	6.58	1.25	5.03	2.7	37,6	167,1	31,8	127,8	1,2
	2	50	RPL 1200	1408	1909	1.48	6.58	1.25	5.03	2.7	37,6	167,1	31,8	127,8	1,2
	2 1/16	-	RPL 1201	1408	1909	1.58	6.68	1.25	5.13	2.7	40,1	169,7	31,8	130,3	1,2
	2 1/8	-	RPL 1202	1408	1909	1.58	6.68	1.25	5.13	2.7	40,1	169,7	31,8	130,3	1,2
	2 3/16	55	RPL 1203	1408	1909	1.58	6.68	1.25	5.13	2.7	40,1	169,7	31,8	130,3	1,2
2 1/4	-	RPL 1204	1408	1909	1.70	6.79	1.25	5.24	2.8	43,2	172,5	31,8	133,1	1,3	
2 5/16	-	RPL 1205	1408	1909	1.70	6.79	1.25	5.24	2.8	43,2	172,5	31,8	133,1	1,3	
2 3/8	60	RPL 1206	1408	1909	1.70	6.79	1.25	5.24	2.8	43,2	172,5	31,8	133,1	1,3	
RSL3000	1 5/16	33	RPL 3105	900	1220	1.18	7.62	1.38	5.49	3.5	30,0	193,5	35,1	139,4	1,6
	1 3/8	35	RPL 3106	900	1220	1.18	7.62	1.38	5.49	3.5	30,0	193,5	35,1	139,4	1,6
	1 7/16	36	RPL 3107	900	1220	1.18	7.62	1.38	5.49	3.5	30,0	193,5	35,1	139,4	1,6
	1 1/2	38	RPL 3108	1200	1627	1.32	7.77	1.38	5.63	3.9	33,5	197,4	35,1	143,0	1,8
	1 9/16	-	RPL 3109	1200	1627	1.32	7.77	1.38	5.63	3.9	33,5	197,4	35,1	143,0	1,8
	1 5/8	41	RPL 3110	1200	1627	1.32	7.77	1.38	5.63	3.9	33,5	197,4	35,1	143,0	1,8
	1 11/16	-	RPL 3111	1900	2576	1.47	7.87	1.38	5.78	4.0	37,3	199,9	35,1	146,8	1,8
	1 3/4	-	RPL 3112	1900	2576	1.47	7.87	1.38	5.78	4.0	37,3	199,9	35,1	146,8	1,8
	1 13/16	46	RPL 3113	1900	2576	1.47	7.87	1.38	5.78	4.0	37,3	199,9	35,1	146,8	1,8
	1 7/8	-	RPL 3114	2600	3526	1.60	8.04	1.38	5.92	4.5	40,6	204,2	35,1	150,4	2,0
	1 15/16	-	RPL 3115	2600	3526	1.60	8.04	1.38	5.92	4.5	40,6	204,2	35,1	150,4	2,0
	2	50	RPL 3200	2600	3526	1.60	8.04	1.38	5.92	4.5	40,6	204,2	35,1	150,4	2,0
	2 1/16	-	RPL 3201	3080	4176	1.76	8.16	1.38	6.08	4.7	44,7	207,3	35,1	154,4	2,1
	2 1/8	-	RPL 3202	3080	4176	1.76	8.16	1.38	6.08	4.7	44,7	207,3	35,1	154,4	2,1
	2 3/16	55	RPL 3203	3080	4176	1.76	8.16	1.38	6.08	4.7	44,7	207,3	35,1	154,4	2,1
	2 1/4	-	RPL 3204	3080	4176	1.84	8.25	1.38	6.15	4.8	46,7	209,6	35,1	156,2	2,2
	2 5/16	-	RPL 3205	3080	4176	1.84	8.25	1.38	6.15	4.8	46,7	209,6	35,1	156,2	2,2
	2 3/8	60	RPL 3206	3080	4176	1.84	8.25	1.38	6.15	4.8	46,7	209,6	35,1	156,2	2,2
	2 7/16	62	RPL 3207	3080	4176	1.95	8.14	1.38	6.26	4.6	49,5	206,8	35,1	159,0	2,1
	2 1/2	63	RPL 3208	3080	4176	1.95	8.14	1.38	6.26	4.6	49,5	206,8	35,1	159,0	2,1
	2 9/16	65	RPL 3209	3080	4176	1.95	8.14	1.38	6.26	4.6	49,5	206,8	35,1	159,0	2,1
	2 5/8	-	RPL 3210	3080	4176	2.04	8.23	1.38	6.36	4.4	51,8	209,0	35,1	161,5	2,0
	2 11/16	-	RPL 3211	3080	4176	2.04	8.23	1.38	6.36	4.4	51,8	209,0	35,1	161,5	2,0
	2 3/4	70	RPL 3212	3080	4176	2.04	8.23	1.38	6.36	4.4	51,8	209,0	35,1	161,5	2,0
	2 13/16	-	RPL 3213	3080	4176	2.16	8.34	1.38	6.54	4.7	54,9	211,8	35,1	166,1	2,1
	2 7/8	-	RPL 3214	3080	4176	2.16	8.34	1.38	6.54	4.7	54,9	211,8	35,1	166,1	2,1
2 15/16	75	RPL 3215	3080	4176	2.16	8.34	1.38	6.54	4.7	54,9	211,8	35,1	166,1	2,1	

Hexagon Cassettes for RSL-Series



Enerpac's Bolting Integrity Software Solutions play a key role in implementing and managing an Integrity Program for bolted connections.

Bolting Software Suite includes **BoltUp** (free, online calculator providing reliable, repeatable bolt loads), **Informate** (bolt load calculation software for huge range of flanged joints and clamped connections), and **Integrity Data Management System/iDMS** (flexible data management and activity-planning system for use on assets featuring bolted connections).

Contact Enerpac for more information.



Slimline Hexagon Cassettes

For accessing narrow spaces RLP... SL Stepped-Width Hexagon Cassettes are available. Slimline cassettes use same drive unit as standard RLP-cassettes.

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RSL Series



Hexagon Range:

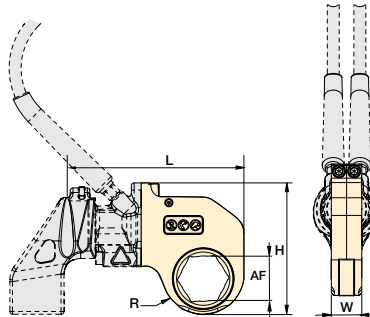
7/8 - 6 1/8 inches

Hexagon Range:

26 - 155 mm

Maximum Operating Pressure:

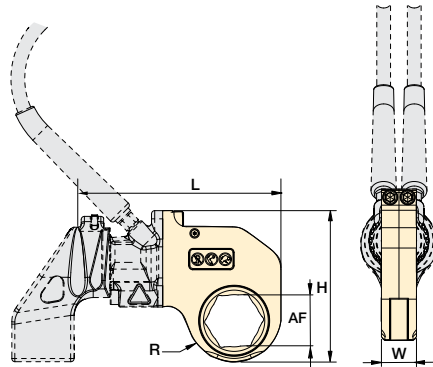
10,000 psi



▼ SELECTION CHART

Drive Unit Model Number	AF Size		Hexagon Cassette Model Number	Maximum Torque Output		Dimensions (in)				Wt. (lbs)	Dimensions (mm)				Wt. (kg)
	(in)	(mm)		(ft-lbs)	(Nm)	R	L	W	H		R	L	W	H	
RSL5000	1 1/16	-	RPL 5111	2600	3526	1.61	9.08	1.75	6.52	6.6	40,9	230,6	44,5	165,6	3,0
	1 3/4	-	RPL 5112	2600	3526	1.61	9.08	1.75	6.52	6.6	40,9	230,6	44,5	165,6	3,0
	1 3/16	46	RPL 5113	2600	3526	1.61	9.08	1.75	6.52	6.6	40,9	230,6	44,5	165,6	3,0
	1 7/8	-	RPL 5114	2600	3526	1.61	9.08	1.75	6.52	6.6	40,9	230,6	44,5	165,6	3,0
	1 5/16	-	RPL 5115	2600	3526	1.61	9.08	1.75	6.52	6.6	40,9	230,6	44,5	165,6	3,0
	2	50	RPL 5200	2600	3526	1.61	9.08	1.75	6.52	6.6	40,9	230,6	44,5	165,6	3,0
	2 1/16	-	RPL 5201	3500	4746	1.71	9.18	1.75	6.62	6.5	43,4	233,2	44,5	168,1	2,9
	2 3/8	-	RPL 5202	3500	4746	1.71	9.18	1.75	6.62	6.5	43,4	233,2	44,5	168,1	2,9
	2 3/16	55	RPL 5203	3500	4746	1.71	9.18	1.75	6.62	6.5	43,4	233,2	44,5	168,1	2,9
	2 1/4	-	RPL 5204	4500	6102	1.87	9.34	1.75	6.78	7.0	47,5	237,2	44,5	172,2	3,2
	2 5/16	-	RPL 5205	4500	6102	1.87	9.34	1.75	6.78	7.0	47,5	237,2	44,5	172,2	3,2
	2 3/8	60	RPL 5206	4500	6102	1.87	9.34	1.75	6.78	7.0	47,5	237,2	44,5	172,2	3,2
	2 7/16	62	RPL 5207	5303	7191	2.01	9.48	1.75	6.92	7.0	51,1	240,8	44,5	175,8	3,2
	2 1/2	63	RPL 5208	5303	7191	2.01	9.48	1.75	6.92	7.0	51,1	240,8	44,5	175,8	3,2
	2 9/16	65	RPL 5209	5303	7191	2.01	9.48	1.75	6.92	7.0	51,1	240,8	44,5	175,8	3,2
	2 5/8	-	RPL 5210	5303	7191	2.16	9.63	1.75	7.07	7.5	54,9	244,6	44,5	179,6	3,4
	2 11/16	-	RPL 5211	5303	7191	2.16	9.63	1.75	7.07	7.5	54,9	244,6	44,5	179,6	3,4
	2 3/4	70	RPL 5212	5303	7191	2.16	9.63	1.75	7.07	7.5	54,9	244,6	44,5	179,6	3,4
	2 3/4	-	RPL 5213	5303	7191	2.24	9.71	1.75	7.15	7.5	56,9	246,6	44,5	181,6	3,4
	2 7/8	-	RPL 5214	5303	7191	2.24	9.71	1.75	7.15	7.5	56,9	246,6	44,5	181,6	3,4
2 5/16	75	RPL 5215	5303	7191	2.24	9.71	1.75	7.15	7.5	56,9	246,6	44,5	181,6	3,4	
3	-	RPL 5300	5303	7191	2.26	9.73	1.75	7.17	7.2	57,4	247,1	44,5	182,1	3,3	
3 1/16	-	RPL 5301	5303	7191	2.26	9.73	1.75	7.17	7.2	57,4	247,1	44,5	182,1	3,3	
3 1/8	80	RPL 5302	5303	7191	2.26	9.73	1.75	7.17	7.2	57,4	247,1	44,5	182,1	3,3	
RSL8000	2 3/8	60	RPL 8206	4500	6102	1.87	9.53	2.25	7.00	8.9	47,5	242,1	57,2	177,8	4,0
	2 7/16	62	RPL 8207	5800	7865	2.01	9.67	2.25	7.13	9.0	51,1	245,6	57,2	181,1	4,1
	2 1/2	63	RPL 8208	5800	7865	2.01	9.67	2.25	7.13	9.0	51,1	245,6	57,2	181,1	4,1
	2 9/16	65	RPL 8209	5800	7865	2.01	9.67	2.25	7.13	9.0	51,1	245,6	57,2	181,1	4,1
	2 5/8	-	RPL 8210	7862	10.661	2.16	9.82	2.25	7.28	9.6	54,9	249,4	57,2	184,9	4,4
	2 11/16	-	RPL 8211	7862	10.661	2.16	9.82	2.25	7.28	9.6	54,9	249,4	57,2	184,9	4,4
	2 3/4	70	RPL 8212	7862	10.661	2.16	9.82	2.25	7.28	9.6	54,9	249,4	57,2	184,9	4,4
	2 3/4	-	RPL 8213	7862	10.661	2.24	9.90	2.25	7.38	9.6	56,9	251,5	57,2	187,5	4,4
	2 7/8	-	RPL 8214	7862	10.661	2.24	9.90	2.25	7.38	9.6	56,9	251,5	57,2	187,5	4,4
	2 5/16	75	RPL 8215	7862	10.661	2.24	9.90	2.25	7.38	9.6	56,9	251,5	57,2	187,5	4,4
	3	-	RPL 8300	7862	10.661	2.26	9.92	2.25	7.39	9.3	57,4	252,0	57,2	187,7	4,2
	3 1/16	-	RPL 8301	7862	10.661	2.26	9.92	2.25	7.39	9.3	57,4	252,0	57,2	187,7	4,2
	3 1/8	80	RPL 8302	7862	10.661	2.26	9.92	2.25	7.39	9.3	57,4	252,0	57,2	187,7	4,2

RSL Series



Hexagon Range:

7/8 - 6 1/8 inches

Hexagon Range:

26 - 155 mm

Maximum Operating Pressure:

10,000 psi

▼ SELECTION CHART

Drive Unit Model Number	AF Size		Hexagon Cassette Model Number	Maximum Torque Output		Dimensions (in)				Wt.	Dimensions (mm)				Wt.
	(in)	(mm)		(ft-lbs)	(Nm)	R	L	W	H	(lbs)	R	L	W	H	(kg)
RSL11000	2 7/16	62	RPL 11207	5800	7865	1.98	10.00	2.50	8.03	14.2	50,3	254,0	63,5	204,0	6,4
	2 1/2	-	RPL 11208	5800	7865	1.98	10.00	2.50	8.03	14.2	50,3	254,0	63,5	204,0	6,4
	2 9/16	65	RPL 11209	5800	7865	1.98	10.00	2.50	8.03	14.2	50,3	254,0	63,5	204,0	6,4
	2 5/8	-	RPL 11210	7300	9899	2.19	11.20	2.50	8.23	14.8	55,6	284,5	63,5	209,0	6,7
	2 11/16	-	RPL 11211	7300	9899	2.19	11.20	2.50	8.23	14.8	55,6	284,5	63,5	209,0	6,7
	2 3/4	70	RPL 11212	7300	9899	2.19	11.20	2.50	8.23	14.8	55,6	284,5	63,5	209,0	6,7
	2 13/16	-	RPL 11213	9000	12.204	2.29	11.31	2.50	8.34	14.8	58,2	287,3	63,5	211,8	6,7
	2 7/8	-	RPL 11214	9000	12.204	2.29	11.31	2.50	8.34	14.8	58,2	287,3	63,5	211,8	6,7
	2 15/16	75	RPL 11215	9000	12.204	2.29	11.31	2.50	8.34	14.8	58,2	287,3	63,5	211,8	6,7
	3	-	RPL 11300	11,154	15.125	2.43	11.44	2.50	8.47	15.2	61,7	290,6	63,5	215,1	6,9
	3 1/16	-	RPL 11301	11,154	15.125	2.43	11.44	2.50	8.47	15.2	61,7	290,6	63,5	215,1	6,9
	3 1/8	80	RPL 11302	11,154	15.125	2.43	11.44	2.50	8.47	15.2	61,7	290,6	63,5	215,1	6,9
	3 3/16	-	RPL 11303	11,154	15.125	2.60	11.71	2.50	8.64	16.6	66,0	297,4	63,5	219,5	7,5
	-	85	RPL 11085M	11,154	15.125	2.60	11.71	2.50	8.64	16.6	66,0	297,4	63,5	219,5	7,5
	3 1/4	-	RPL 11304	11,154	15.125	2.60	11.71	2.50	8.64	16.6	66,0	297,4	63,5	219,5	7,5
	3 5/16	-	RPL 11305	11,154	15.125	2.60	11.71	2.50	8.64	16.6	66,0	297,4	63,5	219,5	7,5
	3 3/8	-	RPL 11306	11,154	15.125	2.60	11.71	2.50	8.64	16.6	66,0	297,4	63,5	219,5	7,5
	3 7/16	-	RPL 11307	11,154	15.125	2.60	11.71	2.50	8.64	16.6	66,0	297,4	63,5	219,5	7,5
	3 1/2	-	RPL 11308	11,154	15.125	2.60	11.71	2.50	8.64	16.6	66,0	297,4	63,5	219,5	7,5
	-	90	RPL 11090M	11,154	15.125	2.88	11.89	2.50	8.92	17.2	73,2	302,0	63,5	226,6	7,8
	3 9/16	-	RPL 11309	11,154	15.125	2.88	11.89	2.50	8.92	17.2	73,2	302,0	63,5	226,6	7,8
	3 5/8	-	RPL 11310	11,154	15.125	2.88	11.89	2.50	8.92	17.2	73,2	302,0	63,5	226,6	7,8
	3 11/16	-	RPL 11311	11,154	15.125	2.88	11.89	2.50	8.92	17.2	73,2	302,0	63,5	226,6	7,8
	3 3/4	95	RPL 11312	11,154	15.125	2.88	11.89	2.50	8.92	17.2	73,2	302,0	63,5	226,6	7,8
	3 13/16	-	RPL 11313	11,154	15.125	2.88	11.89	2.50	8.92	17.2	73,2	302,0	63,5	226,6	7,8
	3 7/8	-	RPL 11314	11,154	15.125	2.88	11.89	2.50	8.92	17.2	73,2	302,0	63,5	226,6	7,8
	3 15/16	100	RPL 11315	11,154	15.125	2.98	12.00	2.50	9.03	16.4	75,7	304,8	63,5	229,4	7,4
	4	-	RPL 11400	11,154	15.125	2.98	12.00	2.50	9.03	16.4	75,7	304,8	63,5	229,4	7,4
	4 1/16	-	RPL 11401	11,154	15.125	2.98	12.00	2.50	9.03	16.4	75,7	304,8	63,5	229,4	7,4
	4 1/8	105	RPL 11402	11,154	15.125	2.98	12.00	2.50	9.03	16.4	75,7	304,8	63,5	229,4	7,4
	4 1/4	-	RPL 11404	11,154	15.125	2.98	12.00	2.50	9.03	16.4	75,7	304,8	63,5	229,4	7,4
	4 5/16	110	RPL 11405	11,154	15.125	3.25	12.27	2.50	9.30	17.6	82,6	311,7	63,5	236,2	8,0
4 1/2	-	RPL 11408	11,154	15.125	3.25	12.27	2.50	9.30	17.6	82,6	311,7	63,5	236,2	8,0	
4 5/8	-	RPL 11410	11,154	15.125	3.25	12.27	2.50	9.30	17.6	82,6	311,7	63,5	236,2	8,0	

Hexagon Cassettes for RSL-Series



Enerpac's Bolting Integrity Software Solutions play a key role in implementing and managing an Integrity Program for bolted connections. Our

Bolting Software Suite includes **BoltUp** (free, online calculator providing reliable, repeatable bolt loads), **Informate** (bolt load calculation software for huge range of flanged joints and clamped connections), and **Integrity Data Management System/iDMS** (flexible data management and activity-planning system for use on assets featuring bolted connections).

Contact Enerpac for more information.

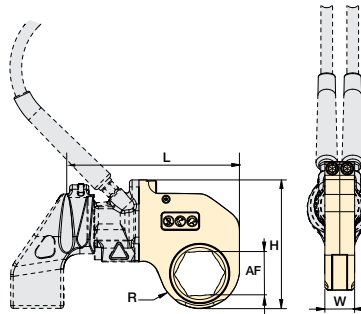
RSL Series



Hexagon Range:
7/8 - 6 1/8 inches

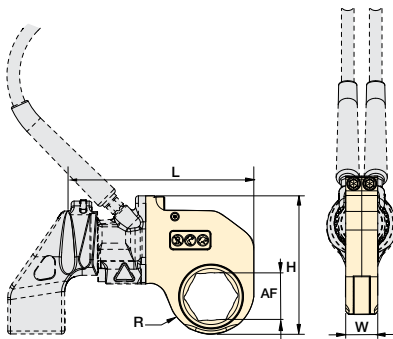
Hexagon Range:
26 - 155 mm

Maximum Operating Pressure:
10,000 psi



▼ SELECTION CHART

Drive Unit Model Number	AF Size		Hexagon Cassette Model Number	Maximum Torque Output		Dimensions (in)				Wt. (lbs)	Dimensions (mm)				Wt. (kg)
	(in)	(mm)		(ft-lbs)	(Nm)	R	L	W	H		R	L	W	H	
RSL19000	2 ¹⁵ / ₁₆	75	RPL 19215	11,000	14.916	2.45	12.72	2.75	9.44	21.5	62,2	323,1	69,9	239,8	9,8
	3	-	RPL 19300	11,000	14.916	2.45	12.72	2.75	9.44	21.5	62,2	323,1	69,9	239,8	9,8
	3 ¹ / ₁₆	-	RPL 19301	11,000	14.916	2.45	12.72	2.75	9.44	21.5	62,2	323,1	69,9	239,8	9,8
	3 ¹ / ₈	80	RPL 19302	11,000	14.916	2.45	12.72	2.75	9.44	21.5	62,2	323,1	69,9	239,8	9,8
	3 ³ / ₁₆	-	RPL 19303	16,000	21.696	2.77	13.04	2.75	9.76	22.6	70,4	331,2	69,9	247,9	10,3
	-	85	RPL 19085M	16,000	21.696	2.77	13.04	2.75	9.76	22.6	70,4	331,2	69,9	247,9	10,3
	3 ¹ / ₄	-	RPL 19304	16,000	21.696	2.77	13.04	2.75	9.76	22.6	70,4	331,2	69,9	247,9	10,3
	3 ⁵ / ₁₆	-	RPL 19305	16,000	21.696	2.77	13.04	2.75	9.76	22.6	70,4	331,2	69,9	247,9	10,3
	3 ³ / ₈	-	RPL 19306	16,000	21.696	2.77	13.04	2.75	9.76	22.6	70,4	331,2	69,9	247,9	10,3
	3 ⁷ / ₁₆	-	RPL 19307	16,000	21.696	2.77	13.04	2.75	9.76	22.6	70,4	331,2	69,9	247,9	10,3
	3 ¹ / ₂	-	RPL 19308	16,000	21.696	2.77	13.04	2.75	9.76	22.6	70,4	331,2	69,9	247,9	10,3
	-	90	RPL 19090M	18,843	25.551	2.95	13.22	2.75	9.94	23.8	74,9	335,8	69,9	252,5	10,8
	3 ⁹ / ₁₆	-	RPL 19309	18,843	25.551	2.95	13.22	2.75	9.94	23.8	74,9	335,8	69,9	252,5	10,8
	3 ⁵ / ₈	-	RPL 19310	18,843	25.551	2.95	13.22	2.75	9.94	23.8	74,9	335,8	69,9	252,5	10,8
	3 ¹¹ / ₁₆	-	RPL 19311	18,843	25.551	2.95	13.22	2.75	9.94	23.8	74,9	335,8	69,9	252,5	10,8
	3 ³ / ₄	95	RPL 19312	18,843	25.551	2.95	13.22	2.75	9.94	23.8	74,9	335,8	69,9	252,5	10,8
	3 ¹³ / ₁₆	-	RPL 19313	18,843	25.551	2.95	13.22	2.75	9.94	23.8	74,9	335,8	69,9	252,5	10,8
	3 ⁷ / ₈	-	RPL 19314	18,843	25.551	2.95	13.22	2.75	9.94	23.8	74,9	335,8	69,9	252,5	10,8
	3 ¹⁵ / ₁₆	100	RPL 19315	18,843	25.551	3.30	13.57	2.75	10.28	25.3	83,8	344,7	69,9	261,1	11,5
	4	-	RPL 19400	18,843	25.551	3.30	13.57	2.75	10.28	25.3	83,8	344,7	69,9	261,1	11,5
	4 ¹ / ₁₆	-	RPL 19401	18,843	25.551	3.30	13.57	2.75	10.28	25.3	83,8	344,7	69,9	261,1	11,5
	4 ¹ / ₈	105	RPL 19402	18,843	25.551	3.30	13.57	2.75	10.28	25.3	83,8	344,7	69,9	261,1	11,5
	4 ³ / ₁₆	-	RPL 19403	18,843	25.551	3.30	13.57	2.75	10.28	25.3	83,8	344,7	69,9	261,1	11,5
	4 ¹ / ₄	-	RPL 19404	18,843	25.551	3.30	13.57	2.75	10.28	25.3	83,8	344,7	69,9	261,1	11,5
	4 ⁵ / ₁₆	110	RPL 19405	18,843	25.551	3.44	13.71	2.75	10.43	25.6	87,4	348,2	69,9	264,9	11,6
	4 ³ / ₈	-	RPL 19406	18,843	25.551	3.44	13.71	2.75	10.43	25.6	87,4	348,2	69,9	264,9	11,6
	4 ⁷ / ₁₆	-	RPL 19407	18,843	25.551	3.44	13.71	2.75	10.43	25.6	87,4	348,2	69,9	264,9	11,6
	4 ¹ / ₂	-	RPL 19408	18,843	25.551	3.44	13.71	2.75	10.43	25.6	87,4	348,2	69,9	264,9	11,6
	-	115	RPL 19115M	18,843	25.551	3.44	13.71	2.75	10.43	25.6	87,4	348,2	69,9	264,9	11,6
	4 ⁹ / ₁₆	-	RPL 19409	18,843	25.551	3.44	13.71	2.75	10.43	25.6	87,4	348,2	69,9	264,9	11,6
4 ⁵ / ₈	-	RPL 19410	18,843	25.551	3.44	13.71	2.75	10.43	25.6	87,4	348,2	69,9	264,9	11,6	



Hexagon Range:
7/8 - 6 1/8 inches

Hexagon Range:
22 - 155 mm

Maximum Operating Pressure:
10,000 psi

**RSL
Series**
























▼ SELECTION CHART

Drive Unit Model Number	AF Size		Hexagon Cassette Model Number	Maximum Torque Output		Dimensions (in)				Wt. (lbs)	Dimensions (mm)				Wt. (kg)
	(in)	(mm)		(ft-lbs)	(Nm)	R	L	W	H		R	L	W	H	
RSL28000	3 1/8	80	RLP 28302	16,000	21.696	2.56	14.36	3.00	10.54	27.6	65,0	364,7	76,2	267,7	12,5
	3 3/16	-	RLP 28303	16,000	21.696	2.56	14.36	3.00	10.54	27.6	65,0	364,7	76,2	267,7	12,5
	-	85	RLP 28085M	16,000	21.696	2.56	14.36	3.00	10.54	27.6	65,0	364,7	76,2	267,7	12,5
	3 1/4	-	RLP 28304	16,000	21.696	2.56	14.36	3.00	10.54	27.6	65,0	364,7	76,2	267,7	12,5
	3 5/16	-	RLP 28305	16,000	21.696	2.56	14.36	3.00	10.54	27.6	65,0	364,7	76,2	267,7	12,5
	3 3/8	-	RLP 28306	16,000	21.696	2.56	14.36	3.00	10.54	27.6	65,0	364,7	76,2	267,7	12,5
	3 7/16	-	RLP 28307	16,000	21.696	2.56	14.36	3.00	10.54	27.6	65,0	364,7	76,2	267,7	12,5
	3 1/2	-	RLP 28308	16,000	21.696	2.56	14.36	3.00	10.54	27.6	65,0	364,7	76,2	267,7	12,5
	-	90	RLP 28090M	22,000	29.832	2.92	14.36	3.00	10.77	28.8	74,2	364,7	76,2	273,6	13,1
	3 9/16	-	RLP 28309	22,000	29.832	2.92	14.36	3.00	10.77	28.8	74,2	364,7	76,2	273,6	13,1
	3 5/8	-	RLP 28310	22,000	29.832	2.92	14.36	3.00	10.77	28.8	74,2	364,7	76,2	273,6	13,1
	3 11/16	-	RLP 28311	22,000	29.832	2.92	14.36	3.00	10.77	28.8	74,2	364,7	76,2	273,6	13,1
	3 3/4	95	RLP 28312	22,000	29.832	2.92	14.36	3.00	10.77	28.8	74,2	364,7	76,2	273,6	13,1
	3 13/16	-	RLP 28313	22,000	29.832	2.92	14.36	3.00	10.77	28.8	74,2	364,7	76,2	273,6	13,1
	3 7/8	-	RLP 28314	22,000	29.832	2.92	14.36	3.00	10.77	28.8	74,2	364,7	76,2	273,6	13,1
	3 15/16	100	RLP 28315	28,002	37.971	3.29	14.47	3.00	11.14	31.7	83,6	367,5	76,2	283,0	14,4
	4	-	RLP 28400	28,002	37.971	3.29	14.47	3.00	11.14	31.7	83,6	367,5	76,2	283,0	14,4
	4 1/16	-	RLP 28401	28,002	37.971	3.29	14.47	3.00	11.14	31.7	83,6	367,5	76,2	283,0	14,4
	4 1/8	105	RLP 28402	28,002	37.971	3.29	14.47	3.00	11.14	31.7	83,6	367,5	76,2	283,0	14,4
	4 3/16	-	RLP 28403	28,002	37.971	3.29	14.47	3.00	11.14	31.7	83,6	367,5	76,2	283,0	14,4
	4 1/4	-	RLP 28404	28,002	37.971	3.29	14.47	3.00	11.14	31.7	83,6	367,5	76,2	283,0	14,4
	4 5/16	110	RLP 28405	28,002	37.971	3.43	14.61	3.00	11.28	31.5	87,1	371,1	76,2	286,5	14,3
	4 3/8	-	RLP 28406	28,002	37.971	3.43	14.61	3.00	11.28	31.5	87,1	371,1	76,2	286,5	14,3
	4 7/16	-	RLP 28407	28,002	37.971	3.43	14.61	3.00	11.28	31.5	87,1	371,1	76,2	286,5	14,3
	4 1/2	-	RLP 28408	28,002	37.971	3.43	14.61	3.00	11.28	31.5	87,1	371,1	76,2	286,5	14,3
	-	115	RLP 28115M	28,002	37.971	3.43	14.61	3.00	11.28	31.5	87,1	371,1	76,2	286,5	14,3
	4 9/16	-	RLP 28409	28,002	37.971	3.43	14.61	3.00	11.28	31.5	87,1	371,1	76,2	286,5	14,3
	4 5/8	-	RLP 28410	28,002	37.971	3.43	14.61	3.00	11.28	31.5	87,1	371,1	76,2	286,5	14,3
	4 3/4	120	RLP 28412	28,002	37.971	3.65	14.83	3.00	11.50	33.5	92,7	376,7	76,2	292,1	15,2
	-	123	RLP 28123M	28,002	37.971	3.65	14.83	3.00	11.50	33.5	92,7	376,7	76,2	292,1	15,2
	4 7/8	-	RLP 28414	28,002	37.971	3.65	14.83	3.00	11.50	33.5	92,7	376,7	76,2	292,1	15,2
	5	-	RLP 28500	28,002	37.971	3.65	14.83	3.00	11.50	33.5	92,7	376,7	76,2	292,1	15,2
	5 1/8	130	RLP 28502	28,002	37.971	3.79	14.97	3.00	11.64	33.2	96,3	380,2	76,2	295,7	15,1
	5 3/16	-	RLP 28503	28,002	37.971	3.79	14.97	3.00	11.64	33.2	96,3	380,2	76,2	295,7	15,1
	5 1/4	-	RLP 28504	28,002	37.971	3.79	14.97	3.00	11.64	33.2	96,3	380,2	76,2	295,7	15,1
	5 5/8	135	RLP 28506	28,002	37.971	3.79	14.97	3.00	11.64	33.2	96,3	380,2	76,2	295,7	15,1
	5 1/2	140	RLP 28508	28,002	37.971	4.05	15.23	3.00	11.90	33.5	102,9	386,8	76,2	302,3	15,2
	5 9/16	-	RLP 28509	28,002	37.971	4.05	15.23	3.00	11.90	33.5	102,9	386,8	76,2	302,3	15,2
	5 3/8	-	RLP 28510	28,002	37.971	4.05	15.23	3.00	11.90	33.5	102,9	386,8	76,2	302,3	15,2
	5 3/4	145	RLP 28512	28,002	37.971	4.05	15.23	3.00	11.90	33.5	102,9	386,8	76,2	302,3	15,2
5 7/8	150	RLP 28514	28,002	37.971	4.22	15.48	3.00	12.15	34.5	107,2	393,2	76,2	308,6	15,6	
6	-	RLP 28600	28,002	37.971	4.22	15.48	3.00	12.15	34.5	107,2	393,2	76,2	308,6	15,6	
6 1/8	155	RLP 28602	28,002	37.971	4.22	15.48	3.00	12.15	34.5	107,2	393,2	76,2	308,6	15,6	

Selection Matrix – Optimum Wrench-Pump Combinations

For optimum speed and performance Enerpac recommends the following system set-up with wrench-pump-hose combinations. For other combinations, consult your Enerpac bolting expert or your authorized Enerpac distributor.

		ELECTRIC PUMPS					AIR DRIVEN PUMPS
		XC-Series	TQ-Series	E-Pulse™ E-Series	ZU4-Series	ZE-Series	ZA4-Series
							
Speed:							
Oil Flow at 10,000 psi:		15 in ³ /min	30 in ³ /min	32 in ³ /min	60 in ³ /min	60-120 in ³ /min	60 in ³ /min
Reservoir Capacity:		.5 gallon	1 gallon	.79 gallon	1 - 1.75 gallons	1 - 10 gallons	1 - 1.75 gallons
Duty Cycle:		Intermittent	Standard	Heavy-Duty	Standard	Heavy-Duty	Heavy-Duty
Weight:							
Field/Factory Work:		Field	Field/Factory	Field/Factory	Field	Factory	Field
S-Series		S1500X	Optimal	Optimal	Optimal	Optimal	Optimal
		S3000X					
		S6000X	-	Acceptable			
		S11000X					
		S25000X					
W-Series		W2000X	Optimal	Optimal	Optimal	Optimal	Optimal
		W4000X					
		W8000X	-	Acceptable			
		W15000X					
		W22000X					
		W35000X					
RSL-Series		RSL1500	Optimal	Optimal	Optimal	Optimal	Optimal
		RSL3000					
		RSL5000	-	Acceptable			
		RSL8000					
		RSL11000					
		RSL19000					
		RSL28000					



XC-Series, Portable Cordless Pumps

The XC battery torque wrench pump is ideal for maintenance bolting applications at sites that do not have access to power or where having extension cords or air hoses could cause trip hazards.

TQ-700 Series, Electric Torque Wrench Pumps

Designed for both portability and production, the TQ-700 features optimized flow technology to deliver superior bolting speed.

E-Series, E-Pulse Electric Torque Wrench Pumps

The E-Pulse has a high-efficiency permanent magnet, direct drive motor for continuous use and long service

life. It is ideal for high volume fastening applications where weight is critical and it also features a rugged roll-cage design. E-Pulse pumps include an interactive pendant for operation, programming and diagnostics.

ZU4T – Electric Torque Wrench Pumps

Utilizing a universal motor, the ZU4-Series works well with long extension cords or generator driven electrical power supplies. ZU4-pumps are available in Pro and Classic formats.

- **ZU4T Pro Pumps** have an LCD feature to display torque or pressure, selectable torque wrench, and self-diagnostics – premium features not available on any other pump.
- **ZU4T Classic Pumps** feature an analog gauge and a basic electrical

package to deliver durable, safe and efficient hydraulic power.

ZE4T, ZE5T-Series, Electric Torque Wrench Pumps

The ZE-Series features premium options, such as the LCD to display torque or pressure values, and self-diagnostics. These pumps utilize an induction motor, making the ZE-Series the coolest and quietest pumps in their class.

ZA4T-Series, Air Driven Torque Wrench Pumps

Utilizing the highly efficient design of the Z-Class pumping element, this air driven pump is best suited to power medium to large size torque wrenches.

▼ Shown: RSL drive unit with interchangeable RLP—SL slimline cassette



Setting New Standards in Simplicity, Versatility and Accuracy



Torque Wrench Pumps

Visit enerpac.com for system matched air and electric torque wrench pumps that are ideal for use with hydraulic torque wrenches.

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Options and Accessories

Optional extended reaction arms and tubes are common accessories available for maximum versatility. Please contact your Enerpac representative to help you select the optimum solution for your application.

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Back-Up Spanner

To be used to stop back nut from turning during make up or break out. Two hex sizes in one tool.

Simplicity

- Minimum nose radius for trouble-free tool fit which makes it uniquely equipped to access tight spaces, such as Blowout Preventers (BOPs)
- Simple robust alloy steel design with three moving parts for reduced maintenance
- Proven to perform even in the harshest environments
- Reaction arm has a simple dial lock for rapid change
- Designed to give optimum strength-to-weight and torque-to-weight ratios

Versatility

- Interchangeable cassette design
- Drive unit / hexagon cassette combination for limited height in line solutions
- Wide range of hexagon sizes available for all applications

Accuracy

- Accuracy of +/-3%

Ease of Use

- Few moving parts are easily accessible for quick field maintenance
- Innovative design that completely encloses all moving parts and minimizes pinch points

Hexagon Sizes (A/F)		Back-Up Spanner Model Number
(in)	(mm)	
1 ¹ / ₁₆ - 1 ¹ / ₄	27 - 32	BUS 01
1 ⁷ / ₁₆ - 1 ⁵ / ₈	36 - 41	BUS 02
1 ¹³ / ₁₆ - 2	46 - 50	BUS 03
2 ³ / ₁₆ - 2 ³ / ₈	55 - 60	BUS 04
2 ⁹ / ₁₆ - 2 ³ / ₄	65 - 70	BUS 05
2 ¹⁵ / ₁₆ - 3 ¹ / ₈	75 - 80	BUS 06
3 ¹ / ₂ - 3 ⁷ / ₈	–	BUS 07
4 ¹ / ₄ - 4 ⁵ / ₈	–	BUS 08
–	85 - 90	BUS 09
3 ³ / ₄ - 3 ¹⁵ / ₁₆	95 - 100	BUS 10
4 ¹ / ₈ - 4 ¹⁵ / ₁₆	105 - 110	BUS 11
–	115 - 120	BUS 12

Slimline Stepped-Width Hexagon Cassettes



Slimline Stepped-Width Hexagon Cassettes

Accessing narrow spaces, typically found on BOP stacks, normally requires significantly reducing the width of the torque wrench. For the tool operator, this has always meant vastly reduced tool durability, and/or reduced torque output.

By using the highest-grade materials and perfecting the geometry, the RSL Slimline cassettes are able to provide greater torque, get into tighter spaces, and vastly outperform the competition in product durability.

RSL Series



Hexagon Range:

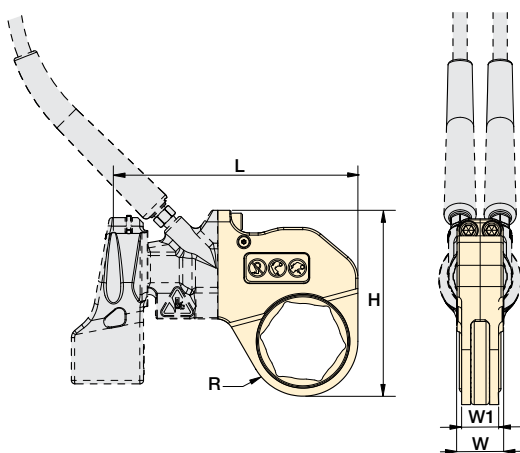
1 1/4 - 3 3/16 inches

Hexagon Range:

32 - 80 mm

Maximum Operating Pressure:

10,000 psi



Select the Right Torque

Choose your Enerpac Torque Wrench using the untightening rule of thumb: Loosening torque equals about 250% of tightening torque.

▼ SELECTION CHART

Drive Unit Model Number	AF Size		Hexagon Cassette Model Number	Maximum Torque Output		Dimensions (in)					Wt. (lbs)	Dimensions (mm)					Wt. (kg)
	(in)	(mm)		(ft-lbs)	(Nm)	R	L	W	W1	H		R	L	W	W1	H	
RSL1500	1 1/4	32	RPL 1104SL	375	509	1.03	6.12	1.25	1.00	4.57	2.2	26,2	155,4	31,8	25,4	116,1	1,0
	1 7/16	36	RPL 1107SL	658	892	1.15	6.24	1.25	1.00	4.69	2.3	29,2	158,5	31,8	25,4	119,1	1,0
	1 5/8	41	RPL 1110SL	831	1127	1.31	6.41	1.25	1.00	4.86	2.7	33,3	162,8	31,8	25,4	123,4	1,2
	1 13/16	46	RPL 1113SL	831	1127	1.40	6.49	1.25	1.00	4.94	2.7	35,6	164,8	31,8	25,4	125,5	1,2
	2	50	RPL 1200SL	831	1127	1.48	6.58	1.25	1.00	5.03	2.7	37,6	167,1	31,8	25,4	127,8	1,2
RSL3000	2	50	RPL 3200SL	1354	1836	1.60	8.04	1.38	1.13	5.92	4.5	40,6	204,2	35,1	28,7	150,4	2,0
	2 3/16	55	RPL 3203SL	1604	2175	1.76	8.16	1.38	1.13	6.08	4.7	44,7	207,3	35,1	28,7	154,4	2,1
	2 3/8	60	RPL 3206SL	1604	2175	1.84	8.25	1.38	1.13	6.15	4.8	46,7	209,6	35,1	28,7	156,2	2,2
	2 9/16	65	RPL 3209SL	1604	2175	1.95	8.14	1.38	1.13	6.26	4.6	49,5	206,8	35,1	28,7	159,0	2,1
	2 3/4	70	RPL 3212SL	1604	2175	2.04	8.23	1.38	1.13	6.36	4.4	51,8	209,0	35,1	28,7	161,5	2,0
RSL5000	2 15/16	75	RPL 3215SL	1604	2175	2.16	8.34	1.38	1.13	6.54	4.7	54,9	211,8	35,1	28,7	166,1	2,1
	2 3/4	70	RPL 5212SL	4173	5659	2.16	9.63	1.75	1.62	7.07	7.5	54,9	244,6	44,5	41,1	179,6	3,4
	3 1/8	80	RPL 5302SL	4173	5659	2.26	9.73	1.75	1.62	7.17	7.2	57,4	247,1	44,5	41,1	182,1	3,3
RSL8000	2 3/16	55	RPL 8203SL	2487	3372	1.71	9.53	2.25	2.00	6.84	8.5	43,4	242,1	57,2	50,8	173,7	3,9
	2 3/8	60	RPL 8206SL	3198	4336	1.87	9.67	2.25	2.00	7.00	8.9	47,5	245,6	57,2	50,8	177,8	4,0
	2 9/16	65	RPL 8209SL	4122	5589	2.01	9.67	2.25	2.00	7.13	9.0	51,1	245,6	57,2	50,8	181,1	4,1
	2 3/4	70	RPL 8212SL	5587	7576	2.16	9.82	2.25	2.00	7.28	9.6	54,9	249,4	57,2	50,8	184,9	4,4
	2 15/16	75	RPL 8215SL	5587	7576	2.24	9.90	2.25	2.00	7.36	9.6	56,9	251,5	57,2	50,8	186,9	4,4
	3 1/8	80	RPL 8302SL	5587	7576	2.26	9.92	2.25	2.00	7.39	9.3	57,4	252,0	57,2	50,8	187,7	4,2
3 3/16	-	RPL 8303SL	4740	6427	2.26	9.92	2.25	2.00	7.39	9.3	57,4	252,0	57,2	50,8	187,7	4,2	

▼ Shown: RSL drive unit with interchangeable RSQ square drive head



Setting New Standards in Safety, Simplicity and Performance



Options and Accessories

Optional extended reaction arms and tubes are common accessories available for maximum versatility. Please contact your Enerpac representative to help you select the optimum solution for your application.

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Back-Up Spanner

To be used to stop back nut from turning during make up or break out. Two hex sizes in one tool.

Hexagon Sizes (A/F)		Back-Up Spanner Model Number
(in)	(mm)	
1 ¹ / ₁₆ - 1 ¹ / ₄	27 - 32	BUS 01
1 ⁷ / ₁₆ - 1 ⁵ / ₈	36 - 41	BUS 02
1 ¹³ / ₁₆ - 2	46 - 50	BUS 03
2 ³ / ₁₆ - 2 ³ / ₈	55 - 60	BUS 04
2 ⁹ / ₁₆ - 2 ³ / ₄	65 - 70	BUS 05
2 ¹⁵ / ₁₆ - 3 ¹ / ₈	75 - 80	BUS 06
3 ¹ / ₂ - 3 ⁷ / ₈	-	BUS 07
4 ¹ / ₄ - 4 ⁵ / ₈	-	BUS 08
-	85 - 90	BUS 09
3 ³ / ₄ - 3 ¹⁵ / ₁₆	95 - 100	BUS 10
4 ¹ / ₈ - 4 ¹⁵ / ₁₆	105 - 110	BUS 11
-	115 - 120	BUS 12



Torque Wrench Hoses

Use Enerpac THQ-700 Series hoses with RSL-Series torque wrenches to ensure the integrity of your hydraulic system.

6 feet long, 2 hoses	THQ702T
19.5 feet long, 2 hoses	THQ706T
39 feet long, 2 hoses	THQ712T

Safety and Performance

- Innovative design that completely encloses all moving parts and minimizes pinch points
- 30–35° of operating stroke provides added productivity while avoiding “tool lock on” which is common with some torque wrench designs

Simplicity

- Simple robust design with just three moving parts for reduced maintenance
- Robust handles are available which mount on both sides and the tops of cassettes to allow for extra maneuverability
- Pull-type square drive release for quickly reversing the square drive for tightening or loosening

Versatility

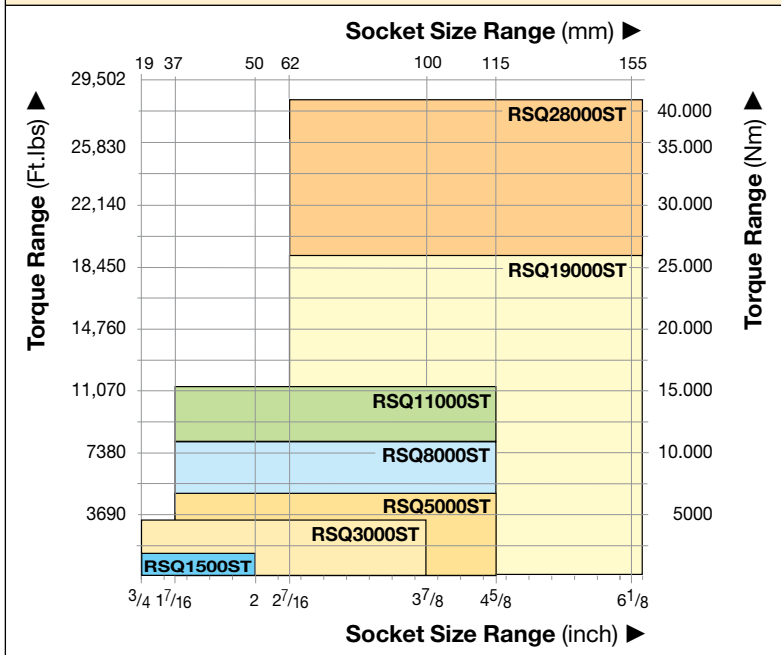
- Square Drive Sets available with interchangeable Hexagon Cassettes
- Power head / square drive combination for flexible use with standard impact quality sockets
- Reaction arm has a simple dial lock for rapid change

Accuracy

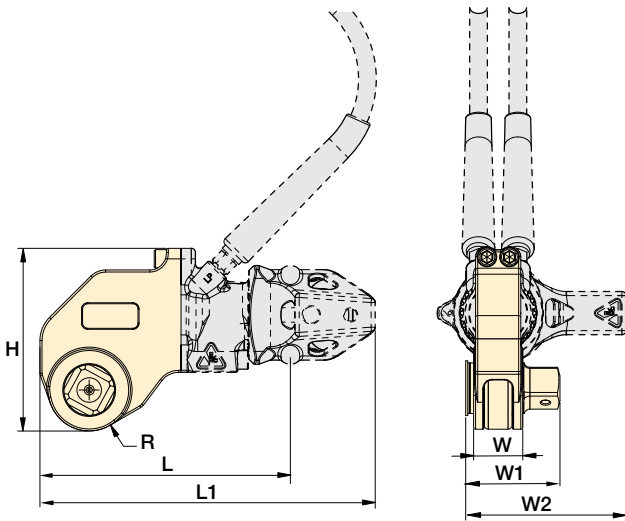
- Accuracy of +/-3%

RSL-Series, Square Drive Torque Wrenches

* TORQUE WRENCH SELECTION (based on socket size range)



See page 14 for BSH-Sockets.



SELECTION CHART

Maximum Torque Output		Square Drive Size (in)	Square Drive Head Model Numbers ¹⁾	Square Drive Torque Wrench Set Model Numbers ²⁾	Dimensions (in)							Weight (lbs)		
(ft-lbs)	(Nm)				W	W1	W2	H	L	L1	R	Drive Unit (no reaction arm)	Reaction Arm	Square Drive Head
1408	1909	3/4	RSQ1500	RSQ1500ST	1.25	2.30	3.98	4.48	6.29	7.45	0.94	3.4	1.0	2.8
3080	4176	1	RSQ3000	RSQ3000ST	1.50	2.88	4.89	5.57	7.67	10.30	1.25	5.6	2.2	5.2
5303	7190	1 1/2	RSQ5000	RSQ5000ST	1.75	3.71	6.31	6.42	9.27	11.67	1.52	8.9	4.0	9.1
7862	10659	1 1/2	RSQ8000	RSQ8000ST	2.40	4.14	6.30	6.65	9.47	11.78	1.52	10.6	4.3	11.6
11154	15123	1 1/2	RSQ11000	RSQ11000ST	2.50	4.63	6.70	7.93	11.20	12.40	1.88	11.6	6.6	18.4
18843	25547	2 1/2	RSQ19000	RSQ19000ST	3.25	6.38	10.42	9.48	13.46	18.97	2.50	20.0	15.7	28.9
28002	37965	2 1/2	RSQ28000	RSQ28000ST	3.50	6.54	8.93	10.35	14.09	21.07	2.50	22.0	11.1	39.3

¹⁾ When ordering an RSQ Square Drive Head the RSL Drive Unit must be ordered separately.

²⁾ An RSQ.....ST Torque Wrench Set includes a RSQ Square Drive Head, RSL Drive Unit with short Whip Hoses, and Reaction Arm

RSL Series



Maximum Torque Output:

1408 - 28,002 Ft.lbs

Maximum Torque Output:

1909 - 37,965 Nm

Square Drive Range:

3/4 - 2 1/2 inches

Maximum Operating Pressure:

10,000 psi



BSH-Series Sockets

Heavy-Duty Impact Sockets for power driven torquing equipment.

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Select the Right Torque

Choose your Enerpac Torque Wrench using the untightening rule of thumb:

Loosening torque equals about 250% of tightening torque.



Torque Wrench Pumps

Visit enerpac.com for system matched air and electric torque wrench pumps that are ideal for use with hydraulic torque wrenches.

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- Heavy-duty impact sockets
- Supplied with "Pin and Ring"

BSH Series



Hexagon Sizes:

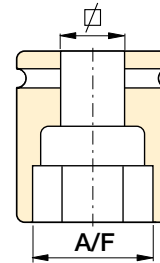
3/4 - 6 1/8 inches | 19 - 155 mm

METRIC SOCKETS							
3/4" Square Drive		1" Square Drive		1 1/2" Square Drive		2 1/2" Square Drive	
A/F (mm)	Model Number	A/F (mm)	Model Number	A/F (mm)	Model Number	A/F (mm)	Model Number
19	BSH7519	19	BSH1019	36	BSH1536	65	BSH2565
24	BSH7524	24	BSH1024	41	BSH15163	70	BSH2570
27	BSH7527	27	BSH1027	46	BSH1546	75	BSH2575
30	BSH7530	30	BSH1030	50	BSH1550	80	BSH2580
32	BSH7532	32	BSH1032	55	BSH1555	85	BSH2585
36	BSH7536	36	BSH1036	60	BSH1560	90	BSH2590
41	BSH75163	41	BSH10163	65	BSH1565	95	BSH2595
46	BSH7546	46	BSH1046	70	BSH1570	100	BSH25100
50	BSH7550	50	BSH1050	75	BSH1575	105	BSH25105
-	-	55	BSH1055	80	BSH1580	110	BSH25110
-	-	60	BSH1060	85	BSH1585	115	BSH25115
-	-	65	BSH1065	90	BSH1590	120	BSH25120
-	-	70	BSH1070	95	BSH1595	125	BSH25125
-	-	75	BSH1075	100	BSH15100	135	BSH25135
-	-	80	BSH1080	105	BSH15105	140	BSH25140
-	-	85	BSH1085	110	BSH15110	145	BSH25145
-	-	90	BSH1090	115	BSH15115	150	BSH25150
-	-	95	BSH1095	-	-	155	BSH25155
-	-	100	BSH10100	-	-	-	-



Select the Right Torque

Choose your Enerpac Torque Wrench using the untightening rule of thumb: Loosening torque equals about 250% of tightening torque.



Pin and Ring

All sockets are supplied with a "Pin and Ring" to hold the socket in place on the square drive of the tool.

IMPERIAL SOCKETS													
3/4" Square Drive		1" Square Drive				1 1/2" Square Drive				2 1/2" Square Drive			
A/F (in)	Model Number	A/F (in)	Model Number	A/F (in)	Model Number	A/F (in)	Model Number	A/F (in)	Model Number	A/F (in)	Model Number	A/F (in)	Model Number
3/4"	BSH7519	3/4"	BSH1019	2 5/16"	BSH10231	1 7/16"	BSH15144	2 13/16"	BSH15281	2 7/16"	BSH25244	4 3/16"	BSH25419
7/8"	BSH75088	7/8"	BSH10088	2 3/8"	BSH10238	1 1/2"	BSH1538	2 7/8"	BSH15288	2 1/2"	BSH25250	4 1/4"	BSH25425
15/16"	BSH75094	15/16"	BSH10094	2 7/16"	BSH10244	1 9/16"	BSH15156	2 15/16"	BSH1575	2 9/16"	BSH2565	4 5/16"	BSH25110
1 1/16"	BSH7527	1 1/16"	BSH1027	2 1/2"	BSH10250	1 5/8"	BSH15163	3"	BSH15300	2 5/8"	BSH25263	4 3/8"	BSH25438
1 3/16"	BSH7530	1 3/16"	BSH1030	2 9/16"	BSH1065	1 11/16"	BSH1543	3 1/16"	BSH15306	2 11/16"	BSH25269	4 1/2"	BSH25450
1 1/4"	BSH75125	1 1/4"	BSH10125	2 5/8"	BSH10263	1 3/4"	BSH15175	3 1/8"	BSH15313	2 3/4"	BSH2570	4 5/8"	BSH25463
1 5/16"	BSH75131	1 5/16"	BSH10131	2 11/16"	BSH10269	1 13/16"	BSH1546	3 3/16"	BSH15319	2 13/16"	BSH25281	4 3/4"	BSH25475
1 3/8"	BSH7535	1 3/8"	BSH1035	2 3/4"	BSH1070	1 7/8"	BSH15188	3 1/4"	BSH15325	2 7/8"	BSH25288	4 7/8"	BSH25488
1 7/16"	BSH75144	1 7/16"	BSH10144	2 13/16"	BSH10281	1 15/16"	BSH15194	3 3/8"	BSH15338	2 15/16"	BSH2575	5"	BSH25500
1 1/2"	BSH7538	1 1/2"	BSH1038	2 7/8"	BSH10288	2"	BSH15200	3 1/2"	BSH15350	3"	BSH25300	5 1/8"	BSH25513
1 9/16"	BSH75156	1 9/16"	BSH10156	2 15/16"	BSH1075	2 1/16"	BSH15206	3 5/8"	BSH15363	3 1/16"	BSH25306	5 3/16"	BSH25519
1 5/8"	BSH75163	1 5/8"	BSH10163	3"	BSH10300	2 1/8"	BSH15213	3 3/4"	BSH1595	3 1/8"	BSH25313	5 1/4"	BSH25525
1 11/16"	BSH7543	1 11/16"	BSH1043	3 1/16"	BSH10306	2 3/16"	BSH15219	3 7/8"	BSH15388	3 3/16"	BSH25319	5 3/8"	BSH25538
1 3/4"	BSH75175	1 3/4"	BSH10175	3 1/8"	BSH10313	2 1/4"	BSH15225	3 15/16"	BSH15100	3 1/4"	BSH25325	5 1/2"	BSH25140
1 13/16"	BSH7546	1 13/16"	BSH1046	3 3/16"	BSH10319	2 5/16"	BSH15231	4"	BSH15400	3 3/8"	BSH25338	5 3/4"	BSH25575
1 7/8"	BSH75188	1 7/8"	BSH10188	3 1/4"	BSH10325	2 3/8"	BSH15238	4 1/8"	BSH15105	3 1/2"	BSH25350	5 7/8"	BSH25150
1 15/16"	BSH75194	1 15/16"	BSH10194	3 3/8"	BSH10338	2 7/16"	BSH15244	4 3/16"	BSH15419	3 5/8"	BSH25363	6"	BSH25600
2"	BSH75200	2"	BSH10200	3 1/2"	BSH10350	2 1/2"	BSH15250	4 1/4"	BSH15425	3 3/4"	BSH2595	6 1/8"	BSH25613
-	-	2 1/16"	BSH10206	3 5/8"	BSH10363	2 9/16"	BSH1565	4 5/16"	BSH15110	3 7/8"	BSH25388	-	-
-	-	2 1/8"	BSH10213	3 3/4"	BSH1095	2 5/8"	BSH15263	4 3/8"	BSH15438	3 15/16"	BSH25100	-	-
-	-	2 3/16"	BSH10219	3 7/8"	BSH10388	2 11/16"	BSH15269	4 1/2"	BSH15450	4"	BSH25400	-	-
-	-	2 1/4"	BSH10225	-	-	2 3/4"	BSH1570	4 5/8"	BSH15463	4 1/8"	BSH25105	-	-

▼ TWPM503



TWPM503, Torque Wrench Moly Paste

- Enerpac 503 Moly Paste reduces friction on threaded fasteners – bolts, nuts and studs
- The low and uniform friction coefficient of 0.06 (torque coefficient, K, of 0.11) creates reliable assembly conditions
- This lubricant stays in place through heat, load and vibration to ensure trouble-free disassembly from -20 °F to 750 °F (-29 °C to 400 °C)
- 4 lbs. (1,8 kg) container

for
RSL
Series

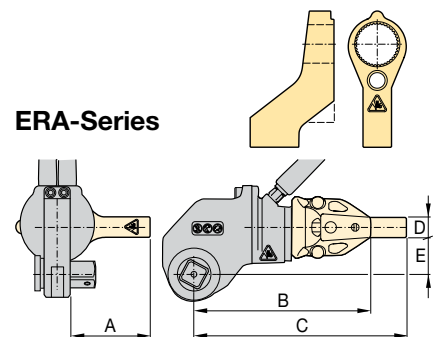


ERA-Series, Extended Reaction Arms

For Torque Wrench Model No.	Model Number	Dimensions (in)					(lbs)
		A	B	C	D	E	
RSL1500	ERA15114	3.42	5.71	7.68	1.14	1.42	1.98
	ERA15228	4.45	7.13	9.06	1.14	1.42	3.97
	ERA15342	5.47	8.90	10.87	1.14	1.42	5.95
	ERA15456	6.46	9.29	11.26	1.14	1.42	7.94
RSL3000	ERA15570	7.44	11.30	13.27	1.14	1.42	9.92
	ERA30114	4.13	7.68	10.12	1.34	1.61	5.95
	ERA30228	5.16	9.09	11.54	1.34	1.61	7.94
	ERA30342	6.14	10.47	12.91	1.34	1.61	9.92
RSL5000	ERA30456	7.13	11.89	14.66	1.34	1.61	11.90
	ERA50114	5.16	8.19	11.18	1.73	1.89	9.04
	ERA50228	6.14	9.57	12.60	1.73	1.89	11.02
	ERA50342	7.13	10.98	13.98	1.73	1.89	13.01
RSL11000	ERA50456	8.15	12.37	15.39	1.73	1.89	15.00
	ERA110114	4.92	8.62	11.65	2.01	2.32	13.89
	ERA110228	5.91	10.04	13.06	2.01	2.32	16.09
	ERA110342	6.93	11.46	14.45	2.01	2.32	18.08
RSL28000	ERA110456	7.91	12.83	15.83	2.01	2.32	20.06
	ERA280228	6.73	13.19	16.18	2.24	3.50	24.91
	ERA280342	7.76	14.57	17.60	2.24	3.50	30.00

NOTE: Extended Reaction Arms for RSL8000 and RSL19000 are available on request.

- Only to be used on RSL-drive units with RSQ-square drive wrenches
- Used in place of standard reaction arm
- Lightweight interchangeable design
- Full torque rated

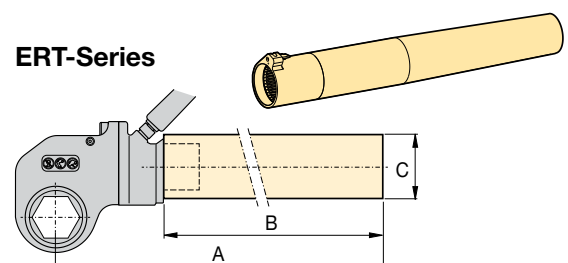


ERT-Series, Extended Reaction Tubes

For Torque Wrench Model No.	Model Number	Dimensions (in)			(lbs)
		A	B	∅ C	
RSL1500	ERT152	6.18	2.01	2.24	1.98
	ERT156	10.20	5.98	2.24	3.53
	ERT159	13.19	9.02	2.24	5.51
	ERT1512	16.18	12.01	2.24	7.50
	ERT1524	28.19	24.02	2.24	14.78
RSL3000	ERT3012	16.89	12.01	2.76	6.61
	ERT3024	28.90	24.02	2.76	13.01
RSL5000	ERT5012	17.76	12.01	3.50	12.35
	ERT5024	29.76	24.02	3.50	24.91
RSL11000	ERT1106	12.99	5.98	3.74	4.63
	ERT11012	19.02	12.01	3.74	9.04
	ERT11018	25.00	17.99	3.74	13.45
	ERT11024	30.98	24.02	3.74	18.52
RSL19000	ERT19024	31.50	24.02	5	36.82
RSL28000	ERT2806	13.82	5.98	5	7.94
	ERT28012	19.80	12.01	5	16.09
	ERT28018	25.79	17.99	5	24.03
	ERT28024	31.81	24.02	5	36.60

NOTE: Extended Reaction Tubes for RSL8000 are available on request.

- Only to be used on RSL-drive units with RLP-hexagon cassettes
- Used in place of standard reaction arm
- One-piece steel design, durable and simple
- Increases tool fit in restricted access areas
- Full torque rated





BOLTING SOLUTIONS

Enerpac's Bolting Solutions caters to the complete bolting work-flow, ensuring joint integrity in a variety of applications throughout industry: Joint Assembly, Controlled Tightening, Joint Separation.

High-quality bolting solutions from the brand you can trust. See how Enerpac can make your bolting work-flow more accurate, safer and efficient.

Controlled Tightening & Loosening



Pneumatic and Electric Torque Wrenches



Hydraulic Torque Wrenches



Electric Torque Wrench Pumps



Pneumatic Torque Wrench Pumps

Tensioning Tools



Power Generation Bolt Tensioners



Topside Bolt Tensioners



Electric Tensioning Pumps



Pneumatic Tensioning Pumps



High-Pressure Hand Pumps

Joint Assembly & Joint Separation



Hydraulic Nut Cutters and Nut Splitters



Step-Type Flange Spreaders



Flange Alignment Tools



Pin-Type Flange Spreaders



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