

▼ Shown: SQD-100-I



- Very high torque-to-weight ratio
- High speed, double-acting operation
- High degree of rotation angle for increased productivity
- Never-jam mechanism
- High repeatability, with accuracy  $\pm 3\%$
- Slim nose radius and 360° swivel hose connection allow easier positioning in confined areas
- Few moving parts means durability and low maintenance
- Push-button drive release; no tools needed to reverse square or Allen-key drives for tightening or loosening
- Lock-ring couplers are standard
- Fully corrosion resistant material
- Storage case (included) protects from damage, water and dirt



## Aluminium High Power Wrenches for Sockets or Allen-Keys



### Swivel Hose Connection

All Enerpac torque wrenches feature lock-ring couplers with a 360° swivel connection to allow easy access in all

positions.



### Select the Right Torque

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

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### Optional Allen-Key Drives

Expanded versatility with a wide range of metric and imperial Allen-key drives for hexagon socket head cap screws.

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### Carrying Handle CH-100

For easy transport to distant jobs. Makes handling and positioning easier, reduces operator fatigue. Optional for

SQD-75-I to SQD-160-I, standard on the SQD-270-I.

◀ Easy and reliable service in the field using Enerpac SQD-series torque wrenches powered by the portable PTE-3404W electric torque wrench pump.

# Double-Acting Square Drive Torque Wrenches



◀ All torque wrenches come standard with swivel connection, lock-ring couplers, square drive and reaction arm for square drive.

## SQD Series



Maximum Torque:  
**27.000 Nm**

Square Drive Range:  
**3/4 - 2 1/2 inch**

Maximum Operating Pressure:  
**800 bar**



Use only Heavy Duty Impact Sockets for power driven torquing equipment, according to ISO 2725 and ISO 1174; DIN 3129 and DIN 3121 or ASME-B107.2/1995.



### Torque Wrench Pumps and Hoses

Enerpac system matched air and electric torque wrench pumps provide control to operate hydraulic torque wrenches.

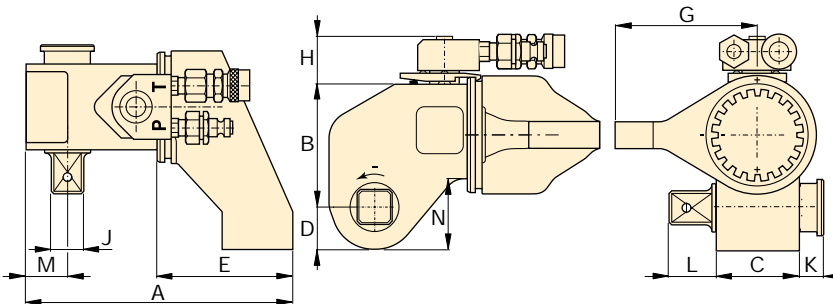
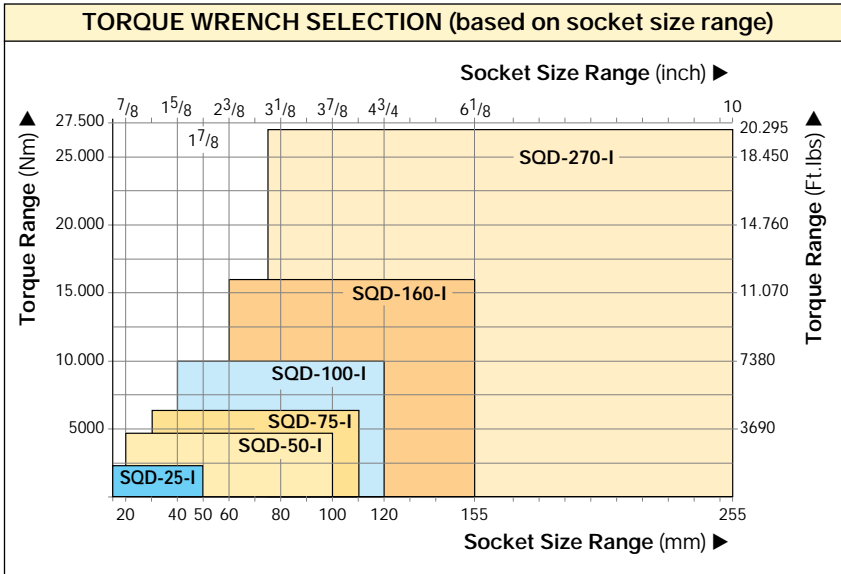
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### Hexagon Bolt and Nut Sizes

See the table for hexagon sizes of bolts, nuts and related thread diameters.

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Typical Socket Size Range <sup>1)</sup>		Square Drive Size J (inch) 	Model Nr. (square drive included with wrench)	Maximum Torque <sup>2)</sup> at 800 bar		Torque Wrench Model Nr. 	Dimensions (mm)											 <sup>3)</sup> (kg)
(mm)	(inch)			(Nm)	(Ft.lbs)		A	B	C	D	E	G	H	K	L	M	N	
15 - 50	11/16 - 17/8"	3/4"	25S-075	2350	1735	SQD-25-I	167	72	53	24	108	95	35	6	28	27	36	2,5
20 - 100	7/8 - 37/8"	1"	50S-100	4800	3550	SQD-50-I	204	92	68	31	135	115	35	15	33	34	52	4,3
30 - 110	1 1/8 - 4 3/8"	1 1/2"	75S-150	7560	5570	SQD-75-I	226	107	76	36	153	122	35	12	43	39	64	6,7
40 - 120	1 5/8 - 4 3/4"	1 1/2"	100S-150	10.000	7360	SQD-100-I	253	115	84	39	164	130	35	13	39	43	68	8,0
60 - 155	2 3/8 - 6 1/8"	1 1/2"	160S-150	16.000	11.835	SQD-160-I	272	134	100	48	178	150	50	11	45	54	81	12,0
80 - 255	3 1/8 - 10"	2 1/2"	270S-250	27.000	19.875	SQD-270-I	342	164	119	59	218	200	50	18	76	63	99	24,5




<sup>1)</sup> Contact ENERPAC for socket specifications.

<sup>2)</sup> Determine maximum torque according to the bolt (nut) size and grade.

<sup>3)</sup> including reaction arm and square drive.

# SQD-Series, Metric Allen-Key Drives

▼ SELECTION CHART

TORQUE WRENCH 	OPTIONAL ALLEN-KEY DRIVES, METRIC 			REACTION ARM FOR ALLEN KEY DRIVE 
	Model Number	Hexagon Size (mm)	Maximum Torque <sup>1)</sup> (Nm)	Model Number
SQD-25-I (2350 Nm)	14	750	25A-14	RAH-25
	17	1300	25A-17	
	19	1800	25A-19	
	22	2350	25A-22	
	24	2350	25A-24	
SQD-50-I (4800 Nm)	17	1300	50A-17	RAH-50
	19	1800	50A-19	
	22	2800	50A-22	
	24	3500	50A-24	
	27	4800	50A-27	
	30	4800	50A-30	
SQD-75-I (7560 Nm)	17	1300	75A-17	RAH-75
	19	1800	75A-19	
	22	2800	75A-22	
	24	3500	75A-24	
	27	5000	75A-27	
	30	7000	75A-30	
SQD-100-I (10.000 Nm)	22	2800	100A-22	RAH-100
	24	3500	100A-24	
	27	5000	100A-27	
	30	7000	100A-30	
	32	8500	100A-32	
	36	10.000	100A-36	
SQD-160-I (16.000 Nm)	30	7000	160A-30	RAH-160
	32	8500	160A-32	
	36	12.000	160A-36	
	41	16.000	160A-41	
	46	16.000	160A-46	
SQD-270-I (27.000 Nm)	36	12.000	270A-36	RAH-270
	41	18.000	270A-41	
	46	25.000	270A-46	
	50	27.000	270A-50	
	55	27.000	270A-55	
	60	27.000	270A-60	
	65	27.000	270A-65	
70	27.000	270A-70		

<sup>1)</sup> Determine maximum torque according to the bolt size and grade.

For  
**SQD**  
Series



Maximum Torque at 800 bar:

**27.000 Nm**

Allen-Key Drive Range:

**14 - 70 mm**



**Optional Allen-key Drives and Reaction Arm**

The RAH-Reaction Arm for allen-key drives must be used instead of reaction arm for square drives.



**Torque Wrench Pumps and Hoses**

Enerpac system matched air and electric torque wrench pumps provide control to operate hydraulic torque wrenches.

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**Flange Spreaders**

Separates pipe flanges with ease, enabling efficient maintenance tasks.



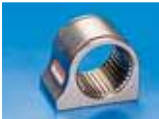
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▼ SQD-50-I with 50A-22 Allen-key drive with RAH-50 Reaction Arm for Allen-key drives.



# SQD-Series, Imperial Allen-Key Drives

## ▼ SELECTION CHART

TORQUE WRENCH 	OPTIONAL ALLEN-KEY DRIVES, IMPERIAL 			REACTION ARM FOR ALLEN KEY DRIVE 
	Model Number	Hexagon Size (inch)	Maximum Torque <sup>1)</sup> (Nm)	Model Number
SQD-25-I (2350 Nm)	1/2"	530	25A-050	RAH-25
	5/8"	1000	25A-063	
	3/4"	1800	25A-075	
	7/8"	2350	25A-088	
	1"	2350	25A-100	
SQD-50-I (4800 Nm)	5/8"	1000	50A-063	RAH-50
	3/4"	1800	50A-075	
	7/8"	2800	50A-088	
	1"	4200	50A-100	
	1 1/8"	4800	50A-113	
	1 1/4"	4800	50A-125	
	-	-	-	
SQD-75-I (7560 Nm)	5/8"	1000	75A-063	RAH-75
	3/4"	1800	75A-075	
	7/8"	2800	75A-088	
	1"	4200	75A-100	
	1 1/8"	5900	75A-113	
	1 1/4"	7560	75A-125	
	-	-	-	
SQD-100-I (10.000 Nm)	7/8"	2800	100A-088	RAH-100
	1"	4200	100A-100	
	1 1/8"	5900	100A-113	
	1 1/4"	8500	100A-125	
	1 3/8"	10.000	100A-138	
	1 1/2"	10.000	100A-150	
SQD-160-I (16.000 Nm)	1 1/4"	8500	160A-125	RAH-160
	1 3/8"	10.500	160A-138	
	1 1/2"	14.000	160A-150	
	1 5/8"	16.000	160A-163	
	1 3/4"	16.000	160A-175	
SQD-270-I (27.000 Nm)	1 1/2"	14.000	270A-150	RAH-270
	1 5/8"	18.000	270A-163	
	1 3/4"	22.000	270A-175	
	1 7/8"	27.000	270A-188	
	2"	27.000	270A-200	
	2 1/4"	27.000	270A-225	
	-	-	-	
-	-	-		

<sup>1)</sup> Determine maximum torque according to the bolt size and grade.

For  
**SQD**  
Series



Maximum Torque at 800 bar/ 11.600 psi:  
**27.000 Nm / 19.875 Ft.lbs**

Allen-Key Drive Range:  
**1/2 - 2 1/4 inch**



### Select the Right Torque

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

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### Nut Splitters

Remove rusted or corroded nuts easily with Enerpac Nut Splitters. Capacities up to 75 mm hexagon nut.

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### Hexagon Bolt and Nut Sizes

See the table for hexagon sizes of bolts, nuts and related thread diameters.

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▼ SQD-100-I with RAH-100 Reaction Arm and Allen-key drive used for loosening hexagon socket head cap screws.

