

▼ 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



Feather Light High Power Wrench 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.



Twin 3,5:1 Safety Hoses

Use only Enerpac THC-700 series twin 3,5:1 safety hoses with SQD double-acting wrenches to ensure the

integrity of your system.

Page: 180



Optional Allen-Key Drives

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

screws.

Page: 174



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.



Select the Right Torque

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

Loosening torque equals about 250% of tightening torque.

◀ 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, locking couplers, square drive and reaction arm for square drive.

SQD Series



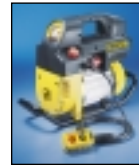
Maximum Torque:
27.000 Nm

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

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

wrenches.

Page: 167

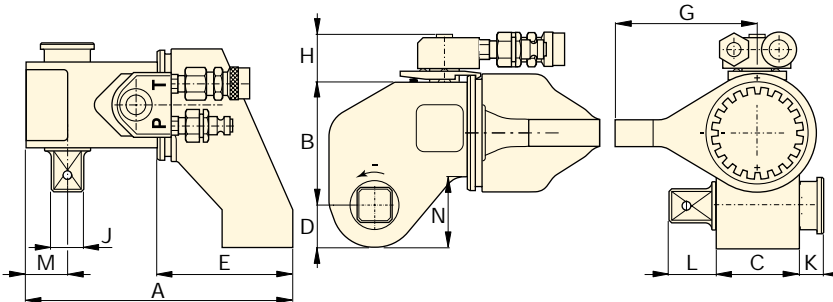
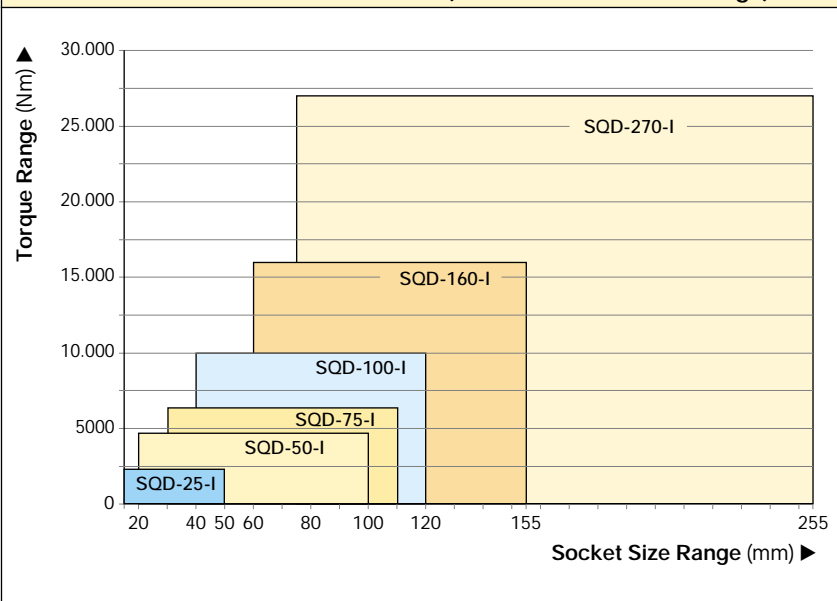


Hexagon Bolt and Nut Sizes

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

Page: 184

TORQUE WRENCH SELECTION (based on socket size range)


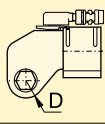




Typical Socket Size Range ¹⁾		Square Drive (inch)	Maximum Torque ²⁾ (Nm)	Torque Wrench Model Nr.	Dimensions (mm)											Weight (including reaction arm and square drive) (kg)	
(mm)	(inch)				A	B	C	D	E	G	H	J (inch)	K	L	M		N
15 - 50	11/16 - 17/8"	3/4"	2350	SQD-25-I	167	72	53	24	108	95	35	3/4"	6	28	27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

¹⁾ Contact ENERPAC for socket specifications.

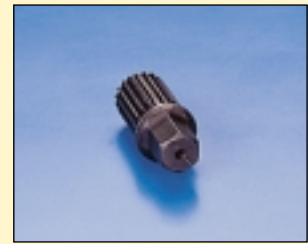
²⁾ Determine maximum torque according to the bolt (nut) size and grade.

▼ SELECTION CHART

TORQUE WRENCH		OPTIONAL ALLEN-KEY DRIVES, METRIC			REACTION ARM FOR ALLEN DRIVE
					
Model Number	Nose Radius D (mm)	Maximum Torque 1) (Nm)	Hexagon Size (mm)	Model Number	Model Number
SQD-25-I (2350 Nm)	24	750	14	25A-14	RAH-25
		1300	17	25A-17	
		1800	19	25A-19	
		2350	22	25A-22	
		2350	24	25A-24	
SQD-50-I (4800 Nm)	31	1300	17	50A-17	RAH-50
		1800	19	50A-19	
		2800	22	50A-22	
		3500	24	50A-24	
		4800	27	50A-27	
		4800	30	50A-30	
SQD-75-I (7560 Nm)	36	1300	17	75A-17	RAH-75
		1800	19	75A-19	
		2800	22	75A-22	
		3500	24	75A-24	
		5000	27	75A-27	
		7000	30	75A-30	
SQD-100-I (10.000 Nm)	39	2800	22	100A-22	RAH-100
		3500	24	100A-24	
		5000	27	100A-27	
		7000	30	100A-30	
		8500	32	100A-32	
SQD-160-I (16.000 Nm)	48	7000	30	160A-30	RAH-160
		8500	32	160A-32	
		12.000	36	160A-36	
		16.000	41	160A-41	
		16.000	46	160A-46	
SQD-270-I (27.000 Nm)	59	12.000	36	270A-36	RAH-270
		18.000	41	270A-41	
		25.000	46	270A-46	
		27.000	50	270A-50	
		27.000	55	270A-55	
		27.000	60	270A-60	
		27.000	65	270A-65	
		27.000	70	270A-70	

1) 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

Nose Radius:
24 - 59 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.



Select the Right Torque

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



Flange Spreaders

Separates pipe flanges with ease, enabling efficient maintenance tasks.

Page: 170



Hexagon Bolt and Nut Sizes

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


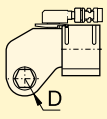


Page: 184



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

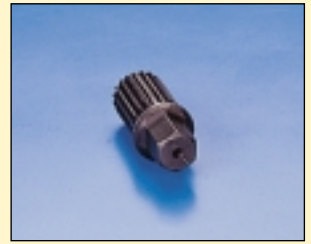
SQD-Series, Imperial Allen-Key Drives

▼ SELECTION CHART

TORQUE WRENCH		OPTIONAL ALLEN-KEY DRIVES, IMPERIAL			REACTION ARM FOR ALLEN DRIVE
					
Model Number	Nose Radius D (mm)	Maximum Torque 1) (Nm)	Hexagon Size (inch)	Model Number	Model Number
SQD-25-I (2350 Nm)	24	530	1/2"	25A-050	RAH-25
		1000	5/8"	25A-063	
		1800	3/4"	25A-075	
		2350	7/8"	25A-088	
		2350	1"	25A-100	
SQD-50-I (4800 Nm)	31	1000	5/8"	50A-063	RAH-50
		1800	3/4"	50A-075	
		2800	7/8"	50A-088	
		4200	1"	50A-100	
		4800	1 1/8"	50A-113	
		4800	1 1/4"	50A-125	
		-	-	-	
SQD-75-I (7560 Nm)	36	1000	5/8"	75A-063	RAH-75
		1800	3/4"	75A-075	
		2800	7/8"	75A-088	
		4200	1"	75A-100	
		5900	1 1/8"	75A-113	
		7560	1 1/4"	75A-125	
		-	-	-	
SQD-100-I (10.000 Nm)	39	2800	7/8"	100A-088	RAH-100
		4200	1"	100A-100	
		5900	1 1/8"	100A-113	
		8500	1 1/4"	100A-125	
		10.000	1 3/8"	100A-138	
		10.000	1 1/2"	100A-150	
SQD-160-I (16.000 Nm)	48	8500	1 1/4"	160A-125	RAH-160
		10.500	1 3/8"	160A-138	
		14.000	1 1/2"	160A-150	
		16.000	1 5/8"	160A-163	
		16.000	1 3/4"	160A-175	
SQD-270-I (27.000 Nm)	59	14.000	1 1/2"	270A-150	RAH-270
		18.000	1 5/8"	270A-163	
		22.000	1 3/4"	270A-175	
		27.000	1 7/8"	270A-188	
		27.000	2"	270A-200	
		27.000	2 1/4"	270A-225	
		-	-	-	
		-	-	-	

1) 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:

1/2 - 2 1/4 inch

Nose Radius:

24 - 59 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.



Select the Right Torque

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



Nut Splitters

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

Page: 168



Hexagon Bolt and Nut Sizes

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

Page: 184



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