

▼ Shown: DSX11000



Safety and Performance

- High-strength, lightweight aluminum, slimline design suited for complete operator safety
- Fully enclosed drive for maximum safety
- Built-in, work-at-height safety tether connection
- Retained quick release push-button
- Patented, easy-to-use, quick release, retained reaction arm
- Fine tooth ratchet prevents the tool 'locking on'
- High-cycle design with fewer moving parts making it a more efficient tool to operate, maintain or repair
- 35° rotation angle and rapid return stroke for fast operation.

Simplicity

- Includes a robust handle or handle with lifting eye bolt which mounts on either side of the tool for extra maneuverability and safer operation
- Push-button square drive and reaction arm for fast changes and adjustments
- Easily accessible work-at-height connection point.

Accuracy

- Constant torque output provides accuracy of $\pm 3\%$ across the full stroke.

ATEX declared

- All DSX-tools are CE - ATEX declared and are shipped complete with a calibration certificate.

Setting Industry-First Safety Standards



Work-at-Height Connection

Built-in, work-at-height safety tether connection.



Fully Retained Reaction Arm

Patented, fully retained reaction arm with easy-to-use quick release, helps prevent injuries when working-at-height.



Secured Square Drive

Retained quick release push-button.



Ergonomic Tool Handle

Robust ergonomic positioning handle comes supplied as standard with every DSX-tool. The SWH10EA is a handle with lifting eye for the DSX25000.

Compatible DSX-Series wrenches	Ergonomic Handle (Standard)
DSX1500, 3000, 5000	SWH6A
DSX11000	SWH10A
DSX25000	SWH10EA



Bolting Integrity Software

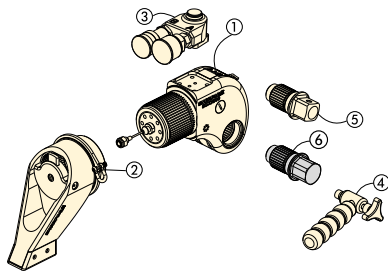
Enerpac Bolting Integrity Software Solutions play a key role in

implementing and managing an Integrity Program for bolted connections.

The software offers Tool selection, Bolt Load calculations and Tool pressure settings, as well as a combined Application Data Sheet and Joint Completion Report.

Custom Joint information can also be entered.

Square Drive Hydraulic Torque Wrenches

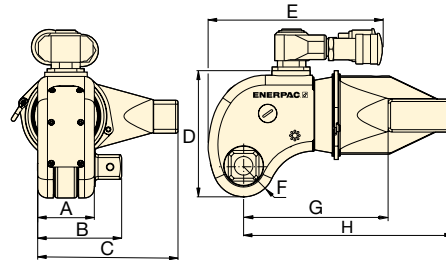
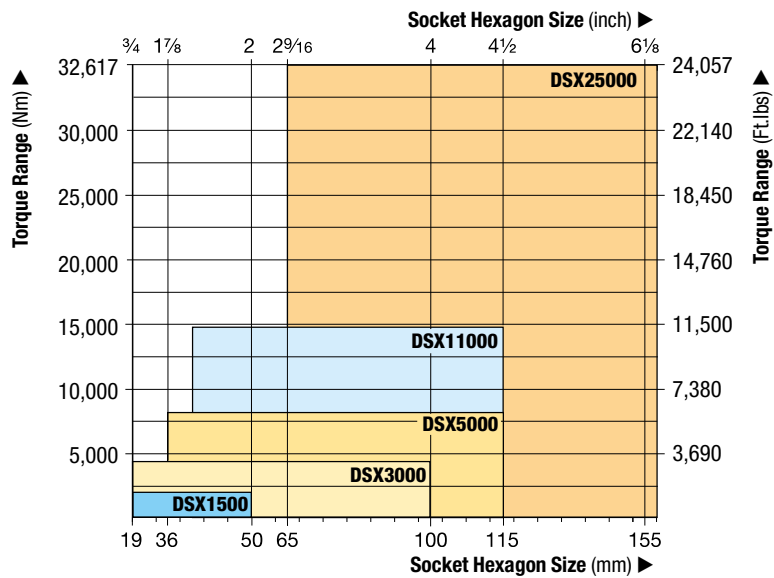


Standard are: ① ② ③ ④ ⑤

Item ⑥ is optional.

- ① Drive Unit
- ② Reaction Arm
- ③ Hose Swivel
- ④ Ergonomic Tool Handle
- ⑤ Square Drive
- ⑥ Allen® Key-Drive (option, page 254)

TORQUE WRENCH SELECTION (based on socket size range)



	Dimensions (in)								Dimensions (mm)							
	A	B	C	D	E	F	G	H	A	B	C	D	E	F	G	H
DSX1500	1.7	2.6	4.2	3.7	5.7	0.94	4.4	6.4	44	67	107	96	145	24	114	163
DSX3000	2.3	3.4	5.7	5.1	6.7	1.25	5.8	8.5	58	86	144	129	171	32	148	215
DSX5000	2.7	4.4	6.8	5.8	7.6	1.50	7.1	10.2	69	112	173	148	192	38	180	260
DSX11000	3.4	5.1	8.5	7.2	8.7	1.88	8.9	12.8	87	129	215	181	222	48	227	325
DSX25000	4.6	6.9	11.8	9.6	10.5	2.50	11.1	18.2	117	176	288	244	266	64	281	426

Nominal Torque at 10,000 psi (690 bar)		Minimum Torque at 1000 psi (69 bar)		Square Drive Size (inch)	Square Drive Model Nr. (included with wrench)	Torque Wrench Model Number		
(Ft.lbs)	(Nm)	(Ft.lbs)	(Nm)				(lbs)	(kg)
1411	1913	141	191	3/4	DSX1500-08	DSX1500	4.8	2.2
3233	4383	323	438	1	DSX3000-08	DSX3000	10.6	4.8
5635	7640	563	764	1 1/2	DSX5000-08	DSX5000	17.9	8.1
11,000	14,914	1100	1491	1 1/2	DSX11000-08	DSX11000	31.7	14.4
24,057	32,617	2406	3262	2 1/2	DSX25000-08	DSX25000	71.7	32.5

DSX Series



Nominal Torque Output:

24,057 Ft.lbs / 32,617 Nm

Square Drive Range:

3/4 - 2 1/2 inches

Nose Radius:

0.94 - 2.50 inches

Maximum Operating Pressure:

10,000 psi / 690 bar



Select the Right Torque

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

Page: **413**



BUS-Series, Back-Up Spanners

Hands-free tool to be used to stop the back nut from turning during make up or break out.

Page: **227**

▼ The rigid design of the DSX-Series torque wrenches provides durability, reliability and safety.



Maximum Torque Output:

24,057 Ft.lbs / 32,617 Nm

Hexagon Size Allen Drive:

½ - 2¼ inches

Hexagon Size Allen Drive:

14 - 85 mm

**For
DSX
Series**



Torque Wrench	Optional Allen® Key Drives, Imperial				Optional Allen® Key Drives, Metric			
	Hexagon Size	Maximum Torque	Model Number	Dim. B1	Hexagon Size	Maximum Torque	Model Number	Dim. B1
(max. torque)	(inch)	(Ft.Lbs)		(inch)	(mm)	(Nm)		(mm)
DSX1500 (1411 Ft.lbs) (1913 Nm)	½	350	DDA15008	2.64	14	644	DDA1514	67
	⅝	690	DDA15010	2.64	17	1152	DDA1517	67
	¾	1200	DDA15012	2.64	19	1627	DDA1519	67
	⅞	1411	DDA15014	2.64	22	1913	DDA1522	67
	1	1411	DDA15100	2.64	24	1913	DDA1524	67
DSX3000 (3233 Ft.lbs) (4383 Nm)	⅝	690	DDA30010	3.39	17	1152	DDA3017	86
	¾	1200	DDA30012	3.39	19	1627	DDA3019	86
	⅞	1900	DDA30014	3.39	22	2495	DDA3022	86
	1	2830	DDA30100	3.39	24	3376	DDA3024	86
	1⅝	3233	DDA30102	3.39	27	4383	DDA3027	86
	1¼	3233	DDA30104	3.39	30	4383	DDA3030	86
	—	—	—	—	32	4383	DDA3032	86
DSX5000 (5635 Ft.lbs) (7640 Nm)	⅝	690	DDA50010	4.41	17	1152	DDA5017	112
	¾	1200	DDA50012	4.41	19	1627	DDA5019	112
	⅞	1900	DDA50014	4.41	22	2495	DDA5022	112
	1	2830	DDA50100	4.41	24	3376	DDA5024	112
	1⅝	5325	DDA50102	4.41	27	4610	DDA5027	112
	1¼	5635	DDA50104	4.41	30	7640	DDA5030	112
	—	—	—	—	32	7640	DDA5032	112
DSX11000 (11,000 Ft.lbs) (14,914 Nm)	1¼	5635	DDA110104	5.08	30	7640	DDA11030	129
	1⅝	9958	DDA110106	5.08	32	7640	DDA11032	129
	1½	9958	DDA110108	5.08	36	10,846	DDA11036	129
	1⅞	11,000	DDA110110	5.08	41	14,914	DDA11041	129
	1¾	11,000	DDA110112	5.08	46	14,914	DDA11046	129
DSX25000 (24,057 Ft.lbs) (32,617 Nm)	1½	9958	DDA250104	176	36	10,846	DDA25036	176
	1⅝	16,433	DDA250106	176	41	16,107	DDA25041	176
	1¾	15,200	DDA250112	176	46	22,777	DDA25046	176
	1⅞	22,777	DDA250114	176	50	29,211	DDA25050	176
	2	24,057	DDA250200	176	55	32,617	DDA25055	176
	2¼	24,057	DDA250204	176	60	32,617	DDA25060	176
	—	—	—	—	65	32,617	DDA25065	176
	—	—	—	—	70	32,617	DDA25070	176
	—	—	—	—	75	32,617	DDA25075	176
	—	—	—	—	85	32,617	DDA25085	176
	—	—	—	—				