

# SPXFLOW

## EHN Hydraulic Nut



**Product Type:**  
TENSIONERS

Top collar hydraulic nuts offer a quick, accurate and cost effective solution to simultaneous tightening of multiple bolted joints.

### Features

#### EHN TOP COLLAR HYDRAULIC NUT

Our precision machined top collar hydraulic nuts offer a quick, accurate and cost effective solution to simultaneous tightening of multiple bolted joints. In addition to standard features normally associated with hydraulic nuts, our system also provides the following benefits:

- Compact enough to fit the most confined spaces
- Maximum load generated at 21,750 psi (1,500 bar)
- Energized from either a hand operated or air driven pump
- Custom Hydraulic Nut designs available
- Alternative Bottom Collar and Shim type versions available
- Made to order. Contact factory for availability.

### Specifications (Imperial)

Tool Reference	Thread (in)	Initial Load Ton F	Hydraulic Area (in <sup>2</sup> )	Nut Diameter (in)	Stroke (in)
EHN1-TC	3/4	18.07	1.86	2.68	0.20
EHN2-TC	7/8	18.07	1.86	2.68	0.20
EHN3-TC	1	19.57	2.02	2.83	0.20
EHN4-TC	1-1/8	21.08	2.17	2.95	0.20
EHN5-TC	1-1/4	25.09	2.58	3.23	0.20
EHN6-TC	1-3/8	30.11	3.10	3.47	0.20
EHN7-TC	1-1/2	34.12	3.51	3.66	0.20
EHN8-TC	1-5/8	40.15	4.13	3.94	0.24
EHN9-TC	1-3/4	46.17	4.75	4.17	0.24
EHN10-TC	1-7/8	50.18	5.17	4.33	0.24
EHN11-TC	2	56.20	5.79	4.61	0.24
EHN12-TC	2-1/4	72.26	7.44	5.04	0.32
EHN13-TC	2-1/2	90.33	9.30	5.55	0.32
EHN14-TC	2-3/4	100.37	10.34	5.91	0.32
EHN15-TC	3	120.44	12.40	6.38	0.32
EHN16-TC	3-1/4	140.51	14.47	6.85	0.39
EHN17-TC	3-1/2	160.59	16.54	7.36	0.39
EHN18-TC	3-3/4	170.62	17.57	7.64	0.39
EHN19-TC	4	190.70	19.64	8.07	0.39
EHN20-TC	4-1/2	220.81	22.74	8.78	0.39
EHN21-TC	5	240.88	24.81	9.41	0.59
EHN22-TC	5-1/2	291.06	29.97	10.28	0.59
EHN23-TC	6	341.24	35.14	11.10	0.59

NOTE: EHN#-TC" is not a part number that can be ordered please contact factory for ordering information.

### Specifications (Metric)

Tool Reference	Thread Metric	Initial Load kN	Hydraulic Area (mm <sup>2</sup> )	Nut Diameter (mm)	Stroke (mm)
EHN1-TC	M20	180	1200	68	5
EHN2-TC	M22	180	1200	68	5
EHN3-TC	M24	195	1300	72	5
EHN4-TC	M27	210	1400	75	5
EHN5-TC	M33	250	1667	82	5
EHN6-TC	M36	300	2001	88	5
EHN7-TC	M39	340	2267	93	5
EHN8-TC	M42	400	2267	100	6
EHN9-TC	M45	460	3067	106	6
EHN10-TC	M48	500	3334	110	6
EHN11-TC	M52	560	3734	117	6
EHN12-TC	M56	720	4801	128	8
EHN13-TC	M64	900	6002	141	8
EHN14-TC	M68	1000	6668	150	8
EHN15-TC	M76	1200	8002	162	8
EHN16-TC	M80	1400	9336	174	10
EHN17-TC	M90	1600	10669	187	10
EHN18-TC	M95	1700	11336	194	10
EHN19-TC	M100	1900	12670	205	10
EHN20-TC	M110	2200	14671	223	10
EHN21-TC	M125	2400	16004	239	15
EHN22-TC	M140	2900	19338	261	15
EHN23-TC	M150	3400	22673	282	15

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### Dimensions (Imperial)

Tool Reference	Height (in)
EHN1-TC	2.17
EHN2-TC	2.17
EHN3-TC	2.17
EHN4-TC	2.17
EHN5-TC	2.24
EHN6-TC	2.24
EHN7-TC	2.28
EHN8-TC	2.44
EHN9-TC	2.52
EHN10-TC	2.52
EHN11-TC	2.64
EHN12-TC	2.91
EHN13-TC	3.03
EHN14-TC	3.07
EHN15-TC	3.19

EHN16-TC	3.43
EHN17-TC	3.74
EHN18-TC	4.02
EHN19-TC	4.33
EHN20-TC	4.72
EHN21-TC	5.32
EHN22-TC	5.71
EHN23-TC	6.30

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#### Dimensions (Metric)

Tool Reference	Height (mm)
EHN1-TC	55
EHN2-TC	55
EHN3-TC	55
EHN4-TC	55
EHN5-TC	57
EHN6-TC	57
EHN7-TC	58
EHN8-TC	62
EHN9-TC	64
EHN10-TC	64
EHN11-TC	67
EHN12-TC	74
EHN13-TC	77
EHN14-TC	78
EHN15-TC	81
EHN16-TC	87
EHN17-TC	95
EHN18-TC	102
EHN19-TC	110
EHN20-TC	120
EHN21-TC	135
EHN22-TC	145
EHN23-TC	160

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