

HFHN SERIES HYDRAULIC NUT

HexForce hydraulic nuts revolutionize large bolt tensioning, offering a safe, efficient, and precise solution. This nut features an internal jack with an external locking collar. Pressure creates a gap between the nut and collar due to joint compression, gasket presence (if applicable), and bolt elongation. The nut is pressurized above the desired pre-load, then the collar is tightened. Releasing pressure transfers the load to the collar, but some pre-load loss occurs due to collar thread settling. This loss is more significant with shorter bolts.

- **Even and accurate pre-load:** Achieved through controlled hydraulic pressure.
- **No flogging hammers or spanners:** Faster and safer tightening.
- **Single or multiple tightening:** Suitable for various applications.
- **Confined space friendly:** Compact design allows operation in tight areas.
- **Self-aligning and low load loss (shim type):** Minimizes installation challenges.
- **Eliminates thread damage:** Protects bolts from damage during tightening.



HFHN-15 RANGE - MAX 1500 BAR

PART NUMBER		BOLT THREAD SIZE		MAX. LOAD		Pressure Area HPA	NUT OD A	NUT HEIGHT H	NUT STROKE	WEIGHT
		T	F	T	F					
METRIC	IMPERIAL	METRIC	IMPERIAL	kN	tonf	mm ²	mm	mm	mm	kg
HFHN-15-M22	HFHN-15-0875	M22	7/8"	152	15.2	1011	57	44	5	0.7
HFHN-15-M24	HFHN-15-1000	M24	1"	176	17.7	1175	60	45	5	0.8
HFHN-15-M27	HFHN-15-1125	M27	1 1/8"	230	23.1	1531	65	46	5	1.0
HFHN-15-M30	-	M30	-	280	28.1	1869	73	48	5	1.3
HFHN-15-M33	HFHN-15-1250	M33	1 1/4"	312	31.3	2081	78	52	6	1.6
HFHN-15-M36	HFHN-15-1375	M36	1 3/8"	368	36.9	2450	85	56	6	2.0
HFHN-15-M39	HFHN-15-1500	M39	1 1/2"	390	39.2	2602	88	58	6	2.2
HFHN-15-M42	HFHN-15-1625	M42	1 5/8"	448	45.0	2989	93	61	6	2.6
HFHN-15-M45	HFHN-15-1750	M45	1 3/4"	522	52.4	3483	101	64	6	3.2
HFHN-15-M48	HFHN-15-1875	M48	1 7/8"	589	59.1	3928	107	68	8	3.8
HFHN-15-M52	HFHN-15-2000	M52	2"	703	70.6	4688	116	70	8	4.6
HFHN-15-M56	HFHN-15-2250	M56	2 1/4"	812	81.5	5413	125	72	8	5.5
HFHN-15-M60	-	M60	-	945	94.8	6299	134	74	8	6.5
HFHN-15-M64	HFHN-15-1500	M64	2 1/2"	1070	107.4	7136	142	80	8	7.9
HFHN-15-M68	HFHN-15-2750	M68	2 3/4"	1222	122.7	8147	152	84	10	9.5
HFHN-15-M72	HFHN-15-3000	M72	3"	1384	138.9	9226	161	88	10	11.2
HFHN-15-M80	HFHN-15-3250	M80	3 1/4"	1738	174.4	11584	179	92	10	14.5
HFHN-15-M90	HFHN-15-3500	M90	3 1/2"	2236	224.4	14909	203	96	10	19.5
HFHN-15-M95	HFHN-15-3750	M95	3 3/4"	2509	251.8	16728	215	100	10	22.8
HFHN-15-M100	HFHN-15-4000	M100	4"	2798	280.8	18652	226	105	15	26.4
HFHN-15-M110	HFHN-15-4500	M110	4 1/2"	3422	343.5	22815	250	110	15	34.0
HFHN-15-M125	HFHN-15-5000	M125	5"	4477	449.3	29844	285	125	15	50.2
HFHN-15-M140	HFHN-15-5500	M140	5 1/2"	5672	569.3	37815	321	140	15	71.6
HFHN-15-M150	HFHN-15-6000	M150	6"	6548	657.2	43653	345	150	15	88.7

*HFHN-25 Range - MAX 2500 bar pressure also available as per requirements.