

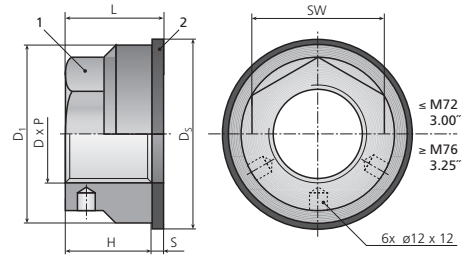
# SX12

## Flexnut series

### high strength

SX12 series Flexnuts are designed for use with SB12 bolt-style tensioners, or in conjunction with through-stud and CY nut-style tensioners.

- Components:  
 1 Nut body  
 2 Hardened washer



Metric	Size			Nut body			Hardened washer		Height tot	Weight est	Preload capacity max	
	Thread	Available pitch			1			2				
Part number	D [mm]	P <sub>1</sub> [mm]	P <sub>2</sub>	P <sub>3</sub>	D <sub>1</sub> [mm]	H [mm]	SW	D <sub>2</sub> [mm]	S [mm]	L [mm]	[kg]	[kN]
SX12-M20x.../W	M20	2.5	1.5	1	35	20	27	38	4	24	0.10	187
SX12-M24x.../W	M24	3	2	1.5	42	24	33	45	4	28	0.20	285
SX12-M27x.../W	M27	3	2	1.5	47	27	36	50	5	32	0.25	380
SX12-M30x.../W	M30	3.5	2	1.5	52	30	39	56	5	35	0.35	427
SX12-M33x.../W	M33	3.5	2	1.5	57	33	42	63	6	39	0.45	610
SX12-M36x.../W	M36	4	3	1.5	62	36	48	69	6	42	0.60	675
SX12-M39x.../W	M39	4	3	1.5	66	39	51	72	6	45	0.70	760
SX12-M42x.../W	M42	4.5	3	1.5	73	42	56	76	6	48	0.90	915
SX12-M45x.../W	M45	4.5	3	1.5	77	45	57	81	6	51	1.00	1170
SX12-M48x.../W	M48	5	3	1.5	83	48	64	86	6	54	1.30	1170
SX12-M52x.../W	M52	5	3	2	88	52	67	94	6	58	1.50	1400
SX12-M56x.../W	M56	5.5	4	2	97	56	72	100	6	62	1.95	1400
SX12-M60x.../W	M60	5.5	4	2	105	60	76	106	8	68	2.45	2100
SX12-M64x.../W	M64	6	4	2	111	64	80	120	8	72	2.85	2100
SX12-M72x.../W	M72	6	4	2	125	72	90	130	8	80	3.90	2530
SX12-M76x.../W	M76	6	4	2	132	76	—*	138	10	86	5.05	3380
SX12-M80x.../W	M80	6	4	2	139	80	—*	145	10	90	6.15	3380
SX12-M90x.../W	M90	6	4	2	156	90	—*	160	10	100	8.50	4200
SX12-M100x.../W	M100	6	4	2	173	100	—*	180	10	110	12.50	4900
SX12-M110x.../W	M110	6	4	2	191	110	—*	202	10	120	15.50	5600
SX12-M120x.../W	M120	6	4	2	208	120	—*	215	12	132	20.00	6300
SX12-M125x.../W	M125	6	4	2	218	125	—*	227	12	137	22.75	6300
SX12-M130x.../W	M130	6	4	2	226	111	—*	234	12	123	21.25	7000
SX12-M140x.../W	M140	6	4	2	243	119	—*	253	12	131	26.25	7700
SX12-M150x.../W	M150	6	4	2	260	127	—*	271	12	139	31.75	7700
SX12-M160x.../W	M160	6	4	-	278	136	—*	290	12	148	38.75	8400

- Other sizes, thread pitches or thread per inch (TPI) may be available.  
 - Dimensions listed are representative.  
 \* Indicates a round shape instead of hex shape of the nut.