

Locknuts UW with Locking Device, Steel and Stainless Steel

Material:

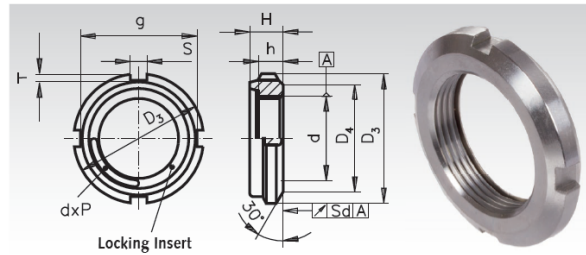
standard: Body of the nut: Low carbon steel (FUOOSS).

stainless: Body of the nut: Stainless steel 1.4301.

Locking insert: Stainless Steel.



With these slotted nuts no additional lock washers or keyways are required. No keyway or washer required for roller bearing. Designed for easy assembly. Maintenance-free construction. The bolt thread has to meet the medium quality of ISO 965.



Ordering Details: e.g.: Product No. 653 430 00, Slot Nut UW, M 10 x 0.75

Product No. standard	Product No. stainless	d x P mm	D ₃ ^{-0,5} mm	D ₄ ^{+0,5} mm	g ^{-0,5} mm	T mm	S ^{+0,2} mm	h mm	H mm	Tol. H mm	Sd mm	Weight g
653 428 00	-	M8 x 0,75	16	12	13	1,5	3	4,3	5,3	±0,3	0,05	4
653 430 00	653 994 30	M10 x 0,75	18	13	14,4	1,8	3	4	5,2	±0,3	0,05	4,5
653 432 00	653 994 32	M12 x 1	22	17	18,4	1,8	3	4	5,4	±0,3	0,05	8
653 434 00	653 994 34	M15 x 1	25	21	21,4	1,8	4	5	6,5	±0,5	0,05	12
653 437 00	653 994 37	M17 x 1	28	24	24,2	1,9	4	5	6,4	±0,5	0,05	13
653 440 00	653 994 40	M20 x 1	32	26	28,4	1,8	4	6	7,7	±0,5	0,05	23
653 444 00	653 994 44	M25 x 1,5	38	32	34	2	5	7	9,1	±0,5	0,05	36
653 448 00	653 994 48	M30 x 1,5	45	38	41	2	5	7	9,1	±0,8	0,05	45
653 453 00	653 994 53	M35 x 1,5	52	44	48	2	5	8	10,2	±0,8	0,05	70
653 458 00	653 994 58	M40 x 1,5	58	50	53	2,5	6	9	11,2	±0,8	0,05	95
653 462 00	653 994 62	M45 x 1,5	65	56	60	2,5	6	10	12,5	±1,0	0,05	130
653 465 00	653 994 65	M50 x 1,5	70	61	65	2,5	6	11	13,5	±1,0	0,05	160
653 468 00	653 994 68	M55 x 2	75	67	69	3	7	11	13,5	±1,0	0,07	185
653 471 00	653 994 71	M60 x 2	80	73	74	3	7	11	13,5	±1,0	0,07	200

Please note:

Ensure that there are at least two or three full threads behind the locking insert.

This slot nut must not be used on shafts with keyway.

Lubricate the nut when screwing it onto the shaft.

Larger thread diameters can be supplied on request.

Function:

This system consists of a shaft nut and a special spring, acting as friction ring. This special spring is integrated into the upper part of the nut.

Due to the lead of the thread the special spring locks itself between shaft and nut. **The system is locked in any position!**