

PROTECTION CAPS FOR BOLTS AND NUTS



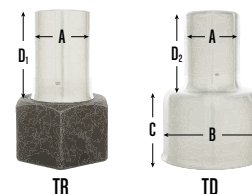
Protective caps shield the threads of bolts and nuts and prevent corrosion. At the same time, they extend the lifespan of bolts and nuts and facilitate their maintenance procedures.

Due to their manufacturing material, protective caps are also suitable for demanding conditions.

There are two different types of protective caps available: the TD model protects both the nut and the bolt, while the TR model shields the part of the bolt that extends beyond the nut. The material options for protective caps include aluminum, stainless steel, carbon steel, and zinc-coated carbon steel. As standard, protective caps are available for bolts sized M12–M100.

Protective caps can also be custom-made to fit specific dimensions. Additional options include lubricants, pastes, and corrosion inhibitors, as well as rubber, silicone, and Teflon sealing rings. Protective caps can also be coated as needed.

Attaching and removing protective caps is done manually without additional tools. The caps are stamped with notches corresponding to the thread pitch and are screwed onto the bolt threads, ensuring a secure and durable fit.



Standard sizes (Internal Dimensions, mm)												
Size	A	B	C	D ₁	D ₂	Size	A	B	C	D ₁	D ₂	
Metric						Imperial						
M12	12	24	14	18	18	1/2"	12,7	27	15	20	20	
M14	14	29	16	20	21	5/8"	16	34	19	22	24	
M16	16	31	18	22	24	3/4"	19	39	22	23	30	
M18	18	34	21	23	27	7/8"	22,3	44	26	33	33	
M20	20	39	23	25	30	1"	25,5	48	29	37	38	
M22	22	40	25	32	33	1 1/8"	28,6	55	33	40	42	
M24	24	45	29	34	36	1 1/4"	31,8	60	36	44	48	
M27	27	51	30	37	38	1 3/8"	35	65	39	48	53	
M30	30	55	33	40	42	1 1/2"	38,2	70	42	53	57	
M33	33	61	36	46	48	1 5/8"	41,3	77	46	59	62	
M36	36	65	39	48	53	1 3/4"	44,5	83	49	64	67	
M39	39	70	42	52	57	1 7/8"	47,7	88	53	67	72	
M42	42	77	46	59	62	2"	51	94	56	72	77	
M45	45	83	49	64	67	2 1/4"	57,2	105	62	80	85	
M48	48	88	53	67	72	2 1/2"	63,5	114	69	91	94	
M52	52	94	56	72	77	2 3/4"	70	125	75	99	105	
M56	56	102	60	84	85	3"	76,3	136	81	107	114	
M64	64	113	69	91	94	3 1/4"	82,7	152	87	116	123	
M68	68	119	73	98	105	3 1/2"	89,2	160	94	126	133	
M72	72	125	77	100	105	3 3/4"	95,4	172	100	135	138	
M76	76	131	81	105	114	4" *	102	183	107	152	151	
M80	80	136	85	107	114	4 1/4" *	108	*) Only available as TR models				162
M90	90	159	95	126	133	4 1/2" *	114,5					172
M100	100	183	105	144	150	4 3/4" *	121					181
Maximum Sizes By Material						5" *	127,2					190
Material	TD Model		TR Model		5 1/4" *	133,5						199
Aluminium	M100 / 4"		M100 / 6"		5 1/2" *	140						207
Stainless Steel	M52 / 2"		M64 / 2 1/2"		5 3/4" *	146,2						222
Carbon Steel	M100 / 4"		M100 / 4"		6" *	152,5						229