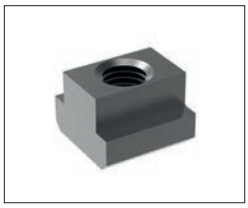
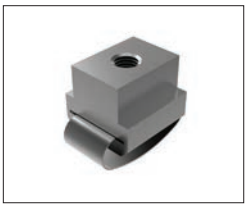
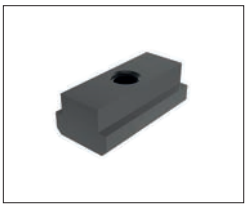


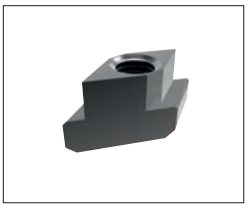
24000 T-Nut, Strength Class 10 DIN 508.



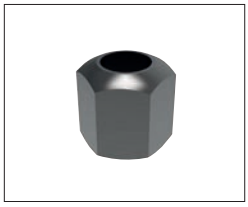
24010 T-Nut with Anti-Slip Device.



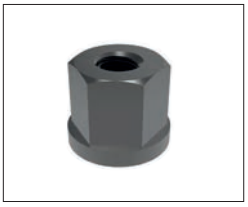
24100 Extended T-Nut. Strength Class 10.



24120 Rhombus T-Nuts

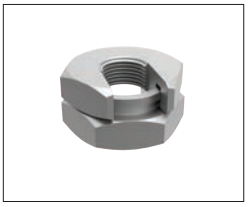


24300 Fixture Nuts. Strength Class 10 - DIN 6330B

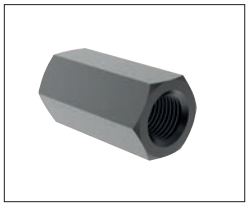


24400 Collar Nuts, DIN 6331

24502 Fast Nut - With Collar Rapid Assembly Nut



24520 - Steel Slip-On Lock Nuts - Rapid Assembly Nut.

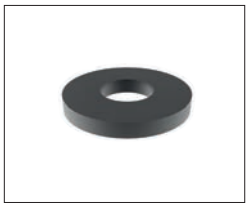


24600 Extension Nuts Strength Class 10.

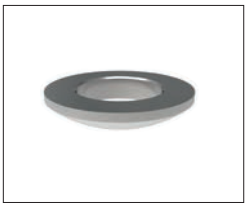
24620 Swivel Nuts, Conical Seat

Nuts

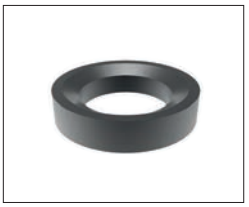
Available in heat treated steel, unless stated otherwise.



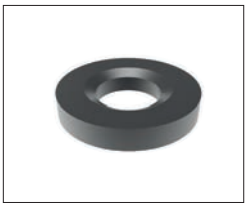
25000 - Hardened Steel - Plain Washers. DIN 6340.



25100 - Case Hardened Steel - Spherical Seat Washers. Type C - DIN 6319C.



25400 - Case Hardened Steel - Dished Washers, Type D - DIN 6319D.



25700 - Tempered Steel - Dished Washers, Type G - DIN 6319G.

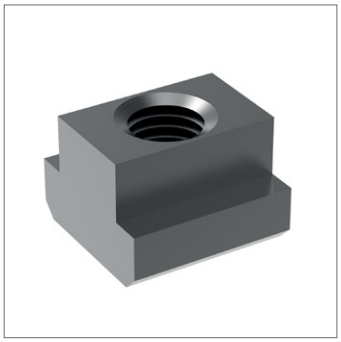
25900 - Stainless Steel Compact Spherical Washer, Conical Seat, similar to DIN6319

Washers

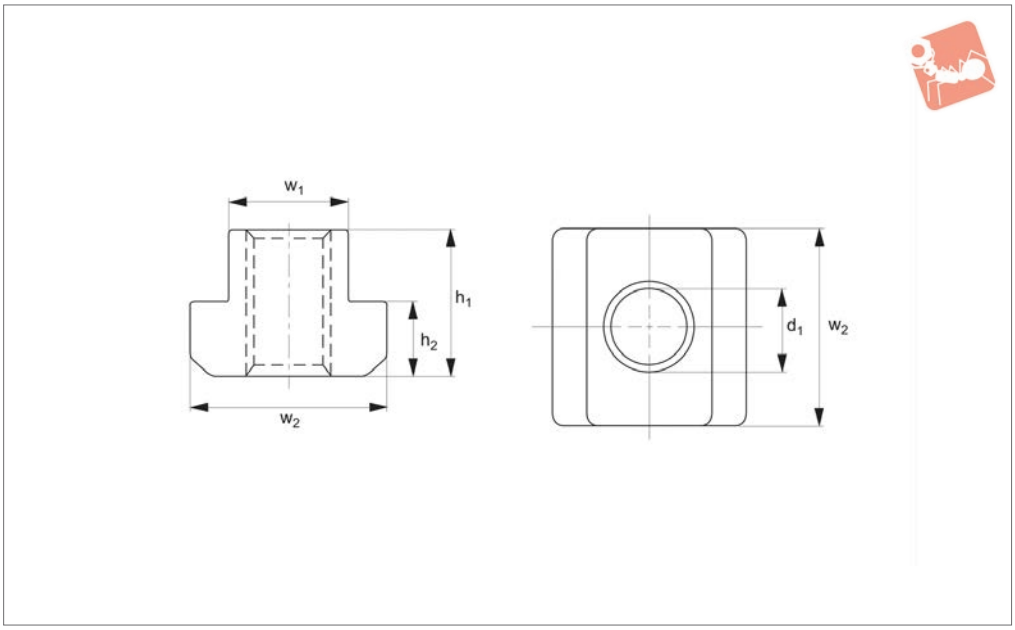
Available in a range of steel types - see product for details.

Wixroyd AN ESSENTRA COMPANY
0333 207 4497
sales@wixroyd.com

T-Nuts
steel - strength class 10



24000



Material
Steel, heat-treated, to tensile strength class 10.

Technical Notes
T-nuts to DIN 508.

Further T-nut sizes and qualities on request.
Please note T-nuts are square, length and width are both equal to dimension w_2.

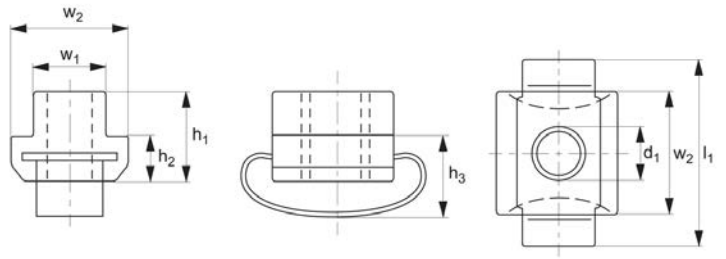
Important Notes
Full load capacity of T-nut can only be achieved if 100% of T-nut's thread is in use.

Order No.	d_1 x T-Slot	w_1	w_2	h_1	h_2	Testing force to DIN 508 kN	Weight g
24000.W0041	M 4x5	4.6	9	6.5	3	7.0	2
24000.W0061	M 5x6	5.7	10	8.0	4	11.4	3
24000.W0081	M 6x8	7.7	13	10.0	6	16.0	8
24000.W0091	M 6x10	9.6	15	12.0	6	16.0	14
24000.W0101	M 8x10	9.7	15	12.0	6	29.0	13
24000.W0121	M 8x12	11.7	18	14.0	7	29.0	23
24000.W0122	M10x12	11.7	18	14.0	7	46.0	20
24000.W0141	M 8x14	13.7	22	16.0	8	29.0	41
24000.W0142	M10x14	13.7	22	16.0	8	46.0	37
24000.W0143	M12x14	13.7	22	16.0	8	67.0	34
24000.W0161	M 8x16	15.7	25	18.0	9	29.0	50
24000.W0162	M10x16	15.7	25	18.0	9	46.0	60
24000.W0163	M12x16	15.7	25	18.0	9	67.0	54
24000.W0164	M14x16	15.7	25	18.0	9	-	49
24000.W0181	M 8x18	17.7	28	20.0	10	29.0	91
24000.W0182	M10x18	17.7	28	20.0	10	46.0	87
24000.W0183	M12x18	17.7	28	20.0	10	67.0	82
24000.W0184	M14x18	17.7	28	20.0	10	-	74
24000.W0185	M16x18	17.7	28	20.0	10	128.0	68
24000.W0200	M12x20	19.6	32	24.0	12	67.0	107
24000.W0201	M16x20	19.7	32	24.0	12	128.0	110
24000.W0202	M18x20	19.7	32	24.0	12	-	108
24000.W0220	M12x22	21.6	35	28.0	14	67.0	189
24000.W0221	M16x22	21.7	35	28.0	14	128.0	176
24000.W0222	M18x22	21.7	35	28.0	14	-	163
24000.W0223	M20x22	21.7	35	28.0	14	196.0	155
24000.W0241	M16x24	23.7	40	32.0	16	128.0	260
24000.W0242	M20x24	23.7	40	32.0	16	196.0	235
24000.W0243	M22x24	23.7	40	32.0	16	-	220
24000.W0281	M16x28	27.7	44	36.0	18	128.0	383
24000.W0282	M20x28	27.7	44	36.0	18	196.0	355
24000.W0283	M22x28	27.7	44	36.0	18	-	340

Order No.	d_1 x T-Slot	w_1	w_2	h_1	h_2	Testing force to DIN 508 kN	Weight g
24000.W0284	M24x28	27.7	44	36.0	18	282.0	322
24000.W0301	M24x30	29.7	48	38.0	19	-	440
24000.W0321	M27x32	31.6	50	40.0	20	-	460
24000.W0361	M24x36	35.6	54	44.0	22	282.0	700
24000.W0362	M30x36	35.6	54	44.0	22	448.0	590
24000.W0421	M30x42	41.6	65	52.0	26	-	1150
24000.W0422	M36x42	41.6	65	52.0	26	653.0	1010
24000.W0481	M42x48	47.6	75	60.0	30	653.0	1600
24000.W0541	M48x54	53.6	85	70.0	34	653.0	2300

T-Nuts
with anti-slip device

24010

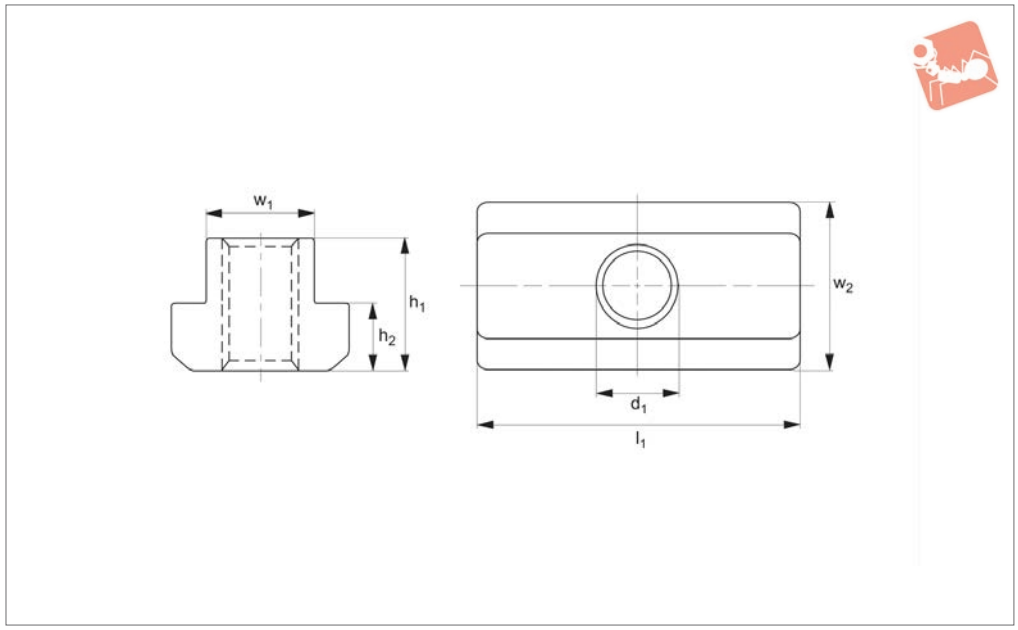


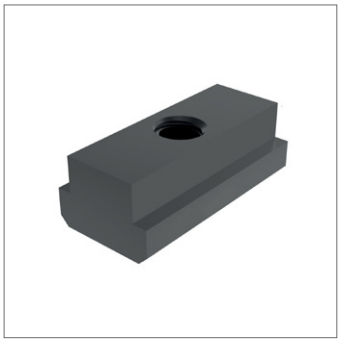
Material
Steel, heat-treated, quality 10, black.
Spring element: stainless steel.

Technical Notes
The spring element prevents horizontal and vertical slipping of T-nut. Please note

T-nuts are square, length and width are both equal to dimension w_2.

Order No.	d_1 x T-Slot	w_1	w_2	h_1	h_2	h_3	l_1	Weight g
24010.W0121	M 8x12	11.7	18	14	7	12.5	31	24
24010.W0122	M10x12	11.7	18	14	7	12.5	31	21
24010.W0141	M 8x14	13.7	22	16	8	13.5	33	42
24010.W0142	M10x14	13.7	22	16	8	13.5	33	38
24010.W0143	M12x14	13.7	22	16	8	13.5	33	34
24010.W0161	M 8x16	15.7	25	18	9	15.5	42	63
24010.W0162	M10x16	15.7	25	18	9	15.5	42	60
24010.W0182	M10x18	17.7	28	20	10	17.5	43	87
24010.W0185	M16x18	17.7	28	20	10	17.5	43	70
24010.W0223	M20x22	21.7	35	28	14	21.5	56	153





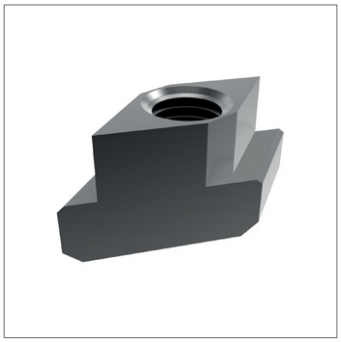
24100

Material
Steel, heat treated.
Tensile strength class 10.

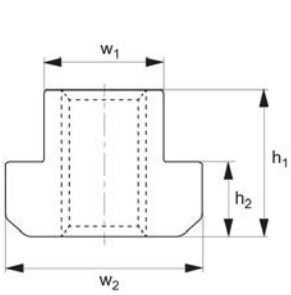
Technical Notes
The extended length of the T-nut protects T-slots from damage.

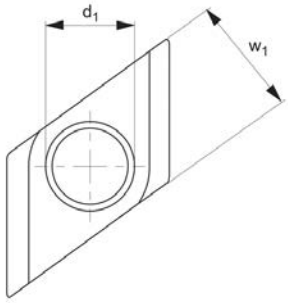
Order No.	d_1 x T-Slot	w_1	w_2	h_1	h_2	l_1	Weight g
24100.W0060	M 5x6	5.7	10	8	4	20	8
24100.W0080	M 6x8	7.7	13	10	6	26	14
24100.W0100	M 8x10	9.7	15	12	6	30	30
24100.W0120	M10x12	11.7	18	14	7	36	49
24100.W0140	M12x14	13.7	22	16	8	44	82
24100.W0160	M14x16	15.7	25	18	9	50	120
24100.W0180	M16x18	17.7	28	20	10	56	170
24100.W0200	M18x20	19.7	32	24	12	64	260
24100.W0220	M20x22	21.7	35	28	14	70	360
24100.W0280	M24x28	27.7	44	36	18	88	730
24100.W0360	M30x36	35.6	54	44	22	108	1390

Rhombus T-Nuts



24120





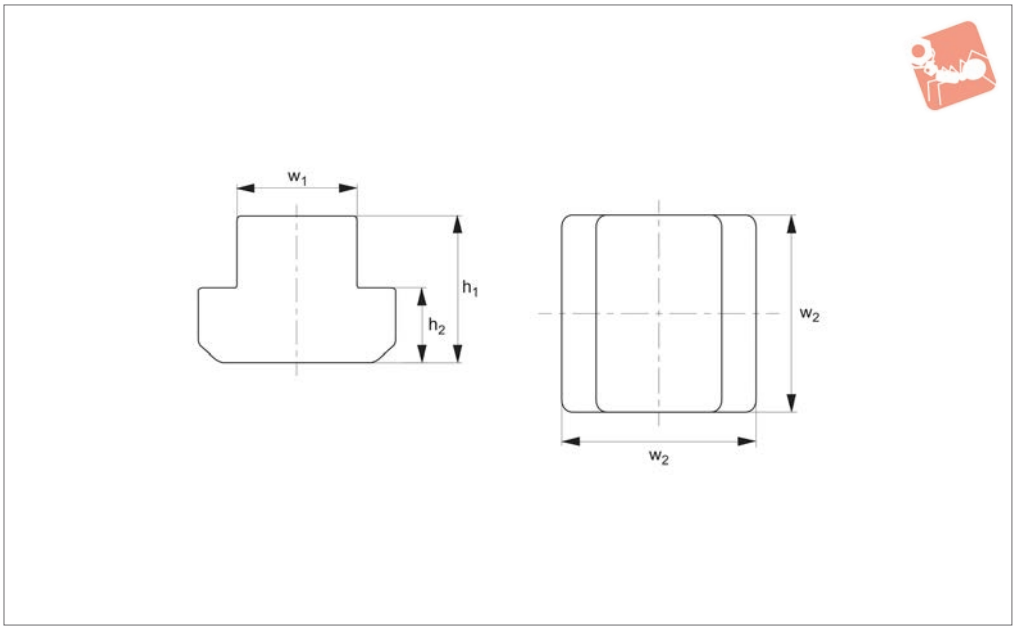
Material
Steel, heat-treated.

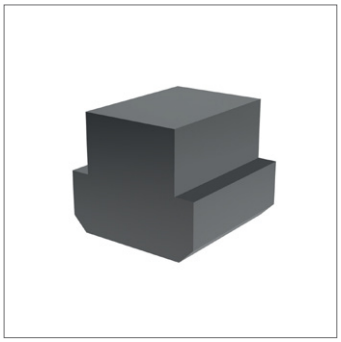
Technical Notes
Can be fitted into T-slots from above.

Tips
Very useful on long T-slots or where work-piece layout prohibits the introduction of bolts or nuts from the end of the T-slot.

Keep slots clean to ensure accurate fit.

Order No.	d_1 x T-Slot	Strength class	w_1	w_2	h_1	h_2	Weight g
24120.W0060	M 5x6	10	5.7	10	8	4	2
24120.W0080	M 6x8	10	7.6	13	10	6	5
24120.W0100	M 8x10	10	9.6	15	12	6	9
24120.W0120	M10x12	8	11.7	18	14	7	14
24120.W0140	M10x14	8	13.7	22	16	8	23
24120.W0160	M14x16	6	15.7	25	18	9	33
24120.W0181	M16x18	6	17.7	28	20	10	46
24120.W0201	M18x20	6	19.7	32	24	12	69
24120.W0221	M20x22	6	21.7	35	28	14	98
24120.W0281	M24x28	6	27.7	44	36	18	213
24120.W0360	M30x36	6	35.6	54	44	22	430
24120.W0420	M36x42	6	41.6	65	52	26	690





24160

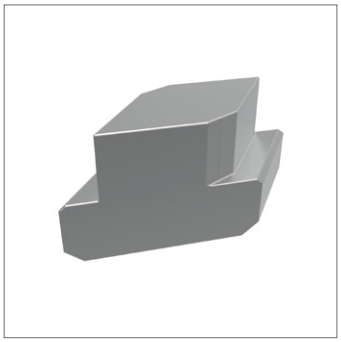
Material
Carbon steel, 0,35 - 0,45%C.

Technical Notes
DIN 508.
After machining thread, heat treat to tensile strength class 10. Heat to 880°C for 45 minutes, quench in oil at 75°C and temper at 550°C for two hours.
Please note T-nuts are square, length and width are both equal to dimension w_2.

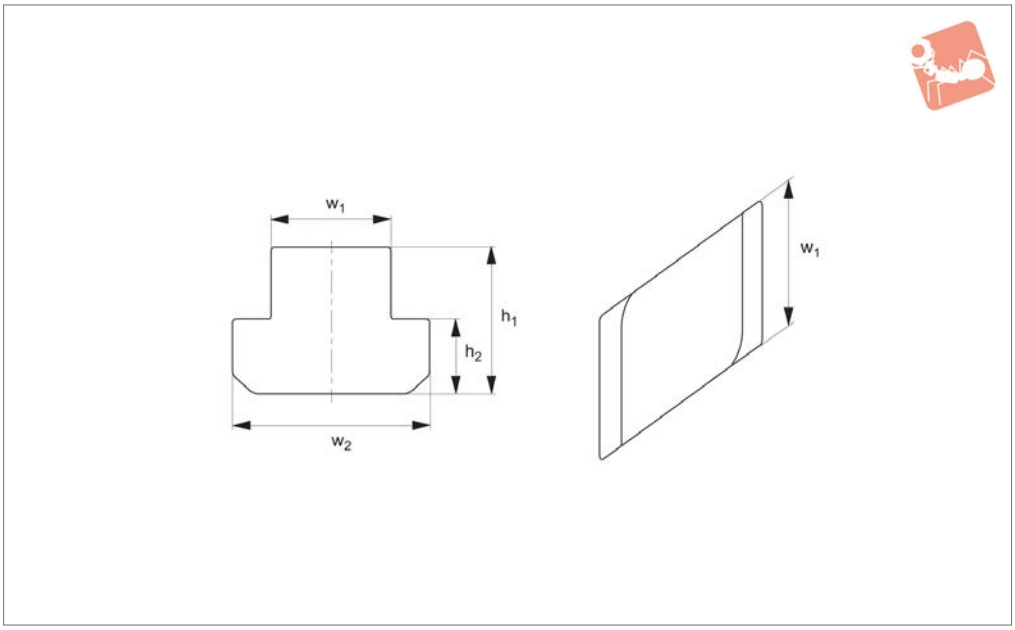
Tips
Useful for machining unusual thread sizes or imperial threads.

Order No.	T-slot size	w_1	w_2	h_1	h_2	Weight g
24160.W0060	6	5.7	10	8	4	4
24160.W0080	8	7.7	13	10	6	10
24160.W0100	10	9.7	15	12	6	16
24160.W0120	12	11.7	18	14	7	27
24160.W0140	14	13.7	22	16	8	50
24160.W0160	16	15.7	25	18	9	70
24160.W0180	18	17.7	28	20	10	95
24160.W0200	20	19.7	32	24	12	150
24160.W0220	22	21.7	35	28	14	210
24160.W0240	24	23.7	40	32	16	300
24160.W0280	28	27.7	44	36	18	430
24160.W0320	32	31.7	50	40	20	630
24160.W0360	36	35.6	54	44	22	800
24160.W0420	42	41.6	65	52	26	1400
24160.W0480	48	47.6	75	60	30	2100
24160.W0540	54	53.6	85	70	34	3150

Rhombus T-Nuts
semi-finshed



24190



Material
Steel, heat-treated, bright.

Order No.	T-slot size	w_1	w_2	h_1	h_2	Weight g
24190.W0561	6	5.7	10	8	4	3
24190.W0581	8	7.6	13	10	6	7
24190.W0601	10	9.6	15	12	6	13
24190.W0621	12	11.6	18	14	7	21
24190.W0641	14	13.6	22	16	8	35
24190.W0661	16	15.6	25	18	9	52
24190.W0681	18	17.6	28	20	10	73
24190.W0701	20	19.6	32	24	12	110
24190.W0721	22	21.6	35	28	14	158
24190.W0781	28	27.6	44	36	18	324
24190.W0861	36	35.5	54	44	22	635