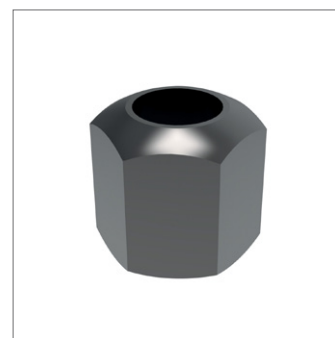
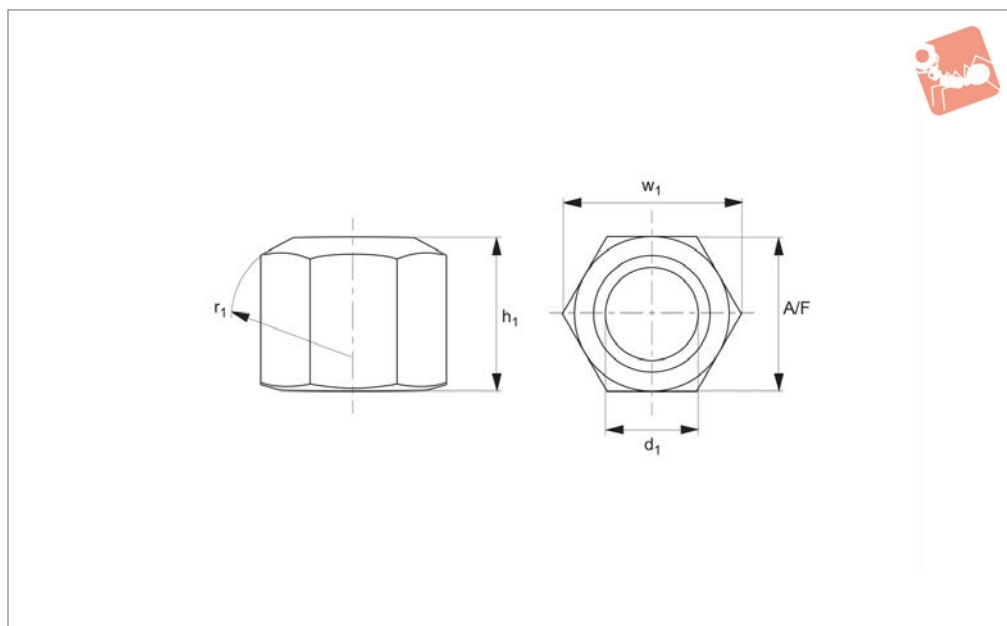


Fixture Nuts

strength class 10



Nuts



24300

NUTS

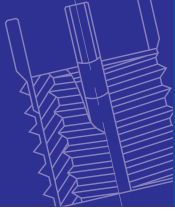
Material

Steel, heat treated.
Tensile strength class 10.

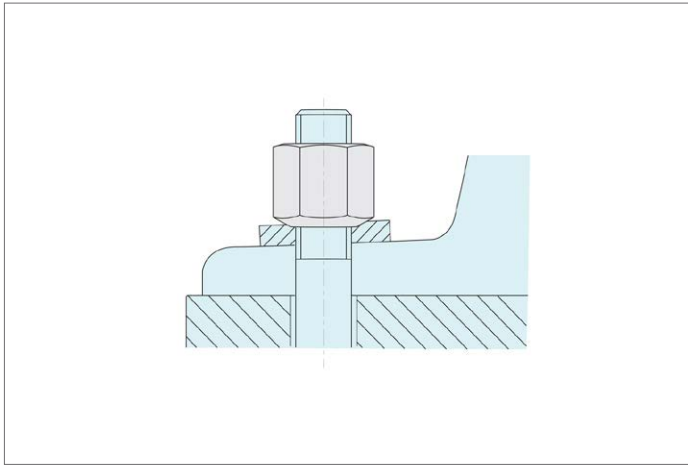
Technical Notes

Produced to DIN 6330B.

Order No.	d_1	w_1	$h_1 = 1,5 \times d_1$	r_1	A/F	Weight g
24300.W0106	M 6	11.1	9	9	10	5
24300.W0108	M 8	14.4	12	12	13	9
24300.W0110	M10	17.8	15	15	16	14
24300.W0111	M10	18.9	15	15	17	20
24300.W0112	M12	20.0	18	17	18	20
24300.W0113	M12	21.1	18	17	19	28
24300.W0114	M14	23.4	21	20	21	34
24300.W0115	M14	24.5	21	20	22	45
24300.W0116	M16	26.8	24	22	24	58
24300.W0118	M18	30.1	27	24	27	83
24300.W0120	M20	33.5	30	27	30	110
24300.W0122	M22	37.7	33	30	34	185
24300.W0123	M22	35.7	33	30	32	130
24300.W0124	M24	40.0	36	32	36	195
24300.W0127	M27	45.6	40	36	41	280
24300.W0130	M30	51.3	45	41	46	405
24300.W0136	M36	61.3	54	50	55	715
24300.W0142	M42	72.6	63	58	65	1170
24300.W0148	M48	83.9	72	67	75	1800



NUTS



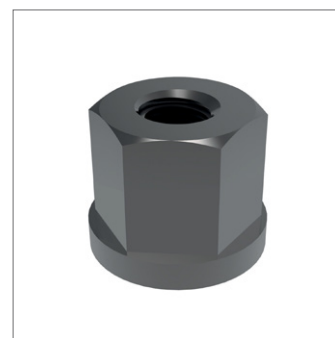
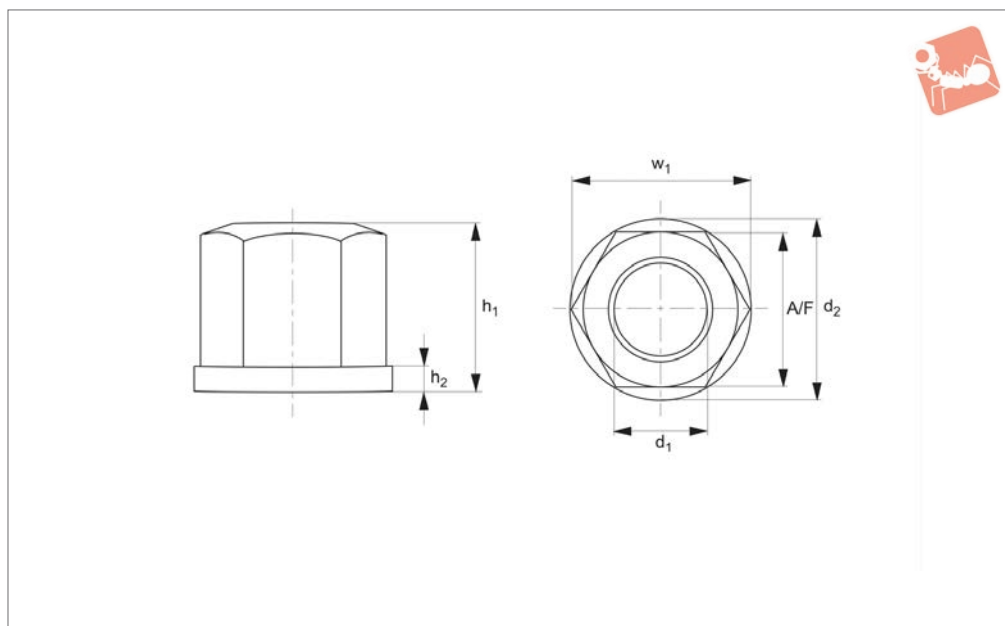


Collar Nuts

strength class 10



Nuts



24400

NUTS

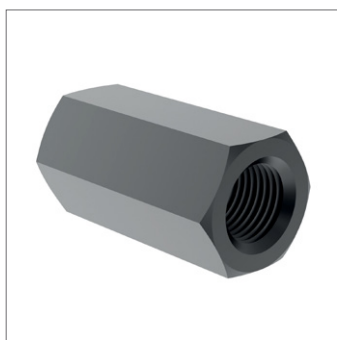
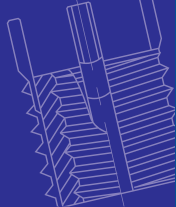
Material

Steel, heat treated. Tensile strength class 10. Turned and milled.

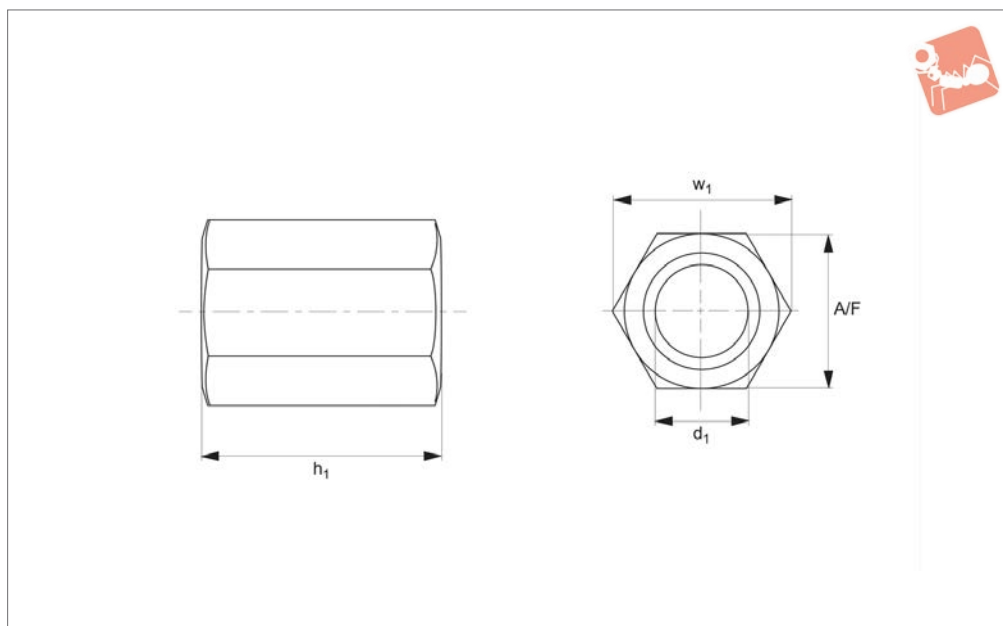
Technical Notes

Produced to DIN 6331.

Order No.	d_1	w_1	$h_1 = 1,5 \times d_1$	d_2	h_2	A/F	Weight g
24400.W0106	M 6	11.1	9	14	3.0	10	6
24400.W0108	M 8	14.4	12	18	3.5	13	12
24400.W0110	M10	17.8	15	22	4.0	16	21
24400.W0111	M10	18.9	15	22	4.0	17	25
24400.W0112	M12	20.0	18	25	4.0	18	30
24400.W0113	M12	21.1	18	25	4.0	19	36
24400.W0114	M14	23.4	21	28	4.5	21	43
24400.W0115	M14	24.5	21	28	4.5	22	51
24400.W0116	M16	26.8	24	31	5.0	24	70
24400.W0118	M18	30.1	27	34	5.0	27	95
24400.W0120	M20	33.5	30	37	6.0	30	130
24400.W0122	M22	37.7	33	40	6.0	34	200
24400.W0123	M22	35.7	33	40	6.0	32	160
24400.W0124	M24	40.0	36	45	6.0	36	230
24400.W0127	M27	45.6	40	50	8.0	41	320
24400.W0130	M30	51.3	45	58	8.0	46	470
24400.W0136	M36	61.3	54	68	10.0	55	800
24400.W0142	M42	72.6	63	80	12.0	65	1340
24400.W0148	M48	83.9	72	92	14.0	75	2040



24600



Material

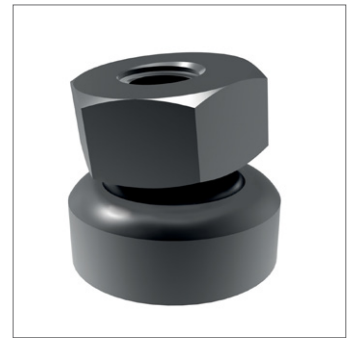
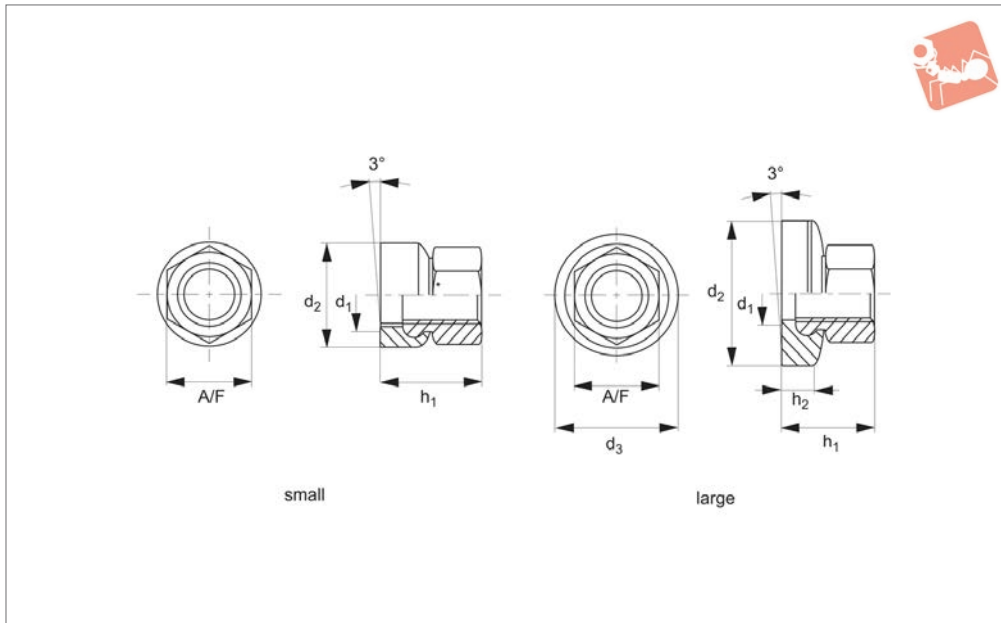
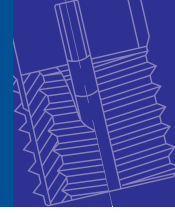
Steel heat-treated.
Tensile strength class 10.

Technical Notes

Produced to DIN 6334.

Used for joining T-bolts and studs together. For safety the T-bolts/studs should be screwed half the length of the coupling nut either side. Minimum screwed in thread length should be 1 x diameter.

Order No.	d_1	w_1	$h_1 = 3 \times d_1$	A/F	Weight g
24600.W0106	M 6	11.1	18	10	8
24600.W0108	M 8	14.4	24	13	19
24600.W0110	M10	17.8	30	16	30
24600.W0112	M12	20.0	36	18	48
24600.W0114	M14	23.4	42	21	73
24600.W0116	M16	26.8	48	24	120
24600.W0118	M18	30.1	54	27	170
24600.W0120	M20	33.5	60	30	240
24600.W0122	M22	37.7	66	34	390
24600.W0124	M24	40.0	72	36	400
24600.W0127	M27	45.6	81	41	600
24600.W0130	M30	51.3	90	46	850
24600.W0136	M36	61.3	108	55	1470
24600.W0142	M42	72.6	126	65	2340
24600.W0148	M48	83.9	144	75	3600



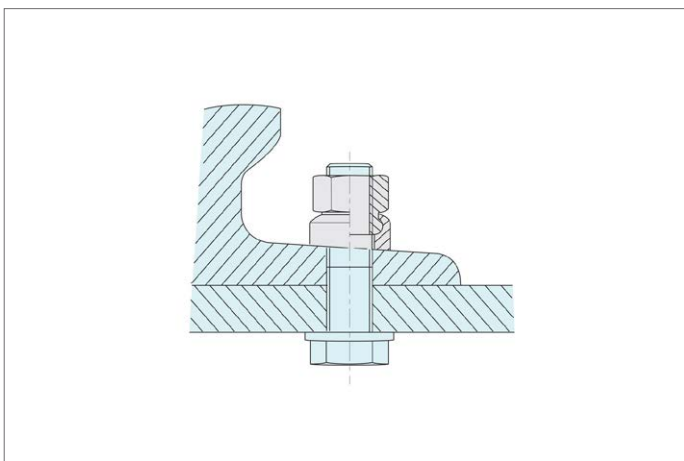
24620

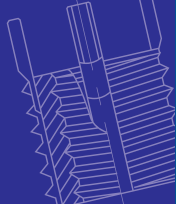
NUTS

Material

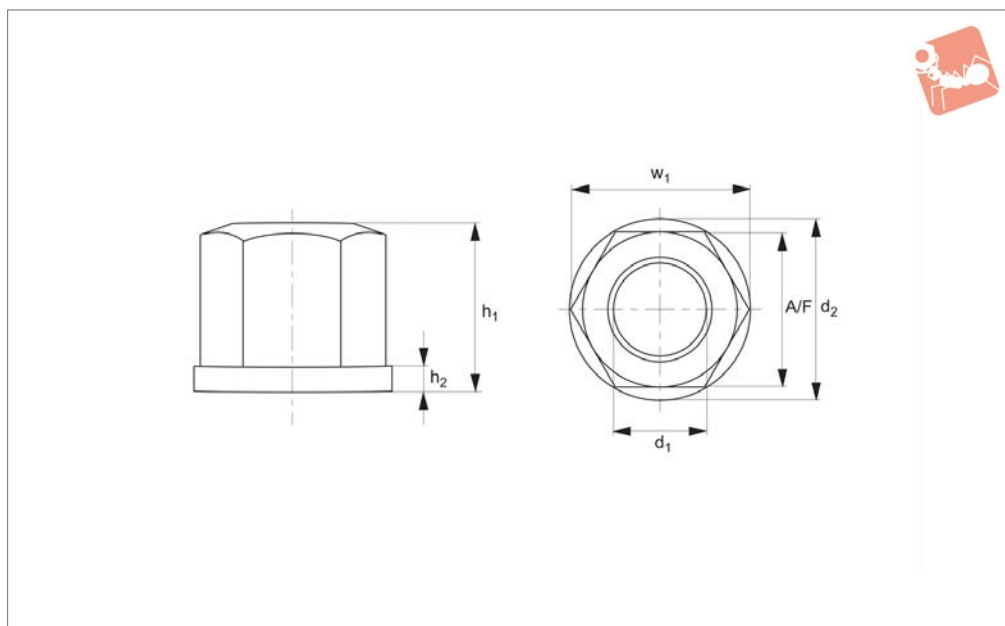
Steel, heat-treated steel, tempered, blackened.

Order No.	Type	d ₁	h ₁	d ₂	d ₃	h ₂	A/F	Weight g
24620.W0508	Small	M 8	14.0	17	-	-	13	13
24620.W0510	Small	M10	17.5	21	-	-	16	24
24620.W0512	Small	M12	21.5	24	-	-	18	38
24620.W0516	Small	M16	28.0	30	-	-	24	75
24620.W0520	Small	M20	35.0	36	-	-	30	143
24620.W0524	Small	M24	42.5	44	-	-	36	261
24620.W0530	Small	M30	56.0	55	-	-	46	557
24620.W0608	Large	M 8	14.0	24	17.8	4.0	13	13
24620.W0610	Large	M10	17.5	30	21.2	5.5	16	16
24620.W0612	Large	M12	21.5	36	25.2	7.0	18	18
24620.W0616	Large	M16	28.0	44	30.9	8.0	24	24
24620.W0620	Large	M20	35.0	50	39.9	9.5	30	30
24620.W0624	Large	M24	42.5	60	49.6	11.0	36	36
24620.W0630	Large	M30	56.0	68	61.3	14.0	40	40





24420



Material

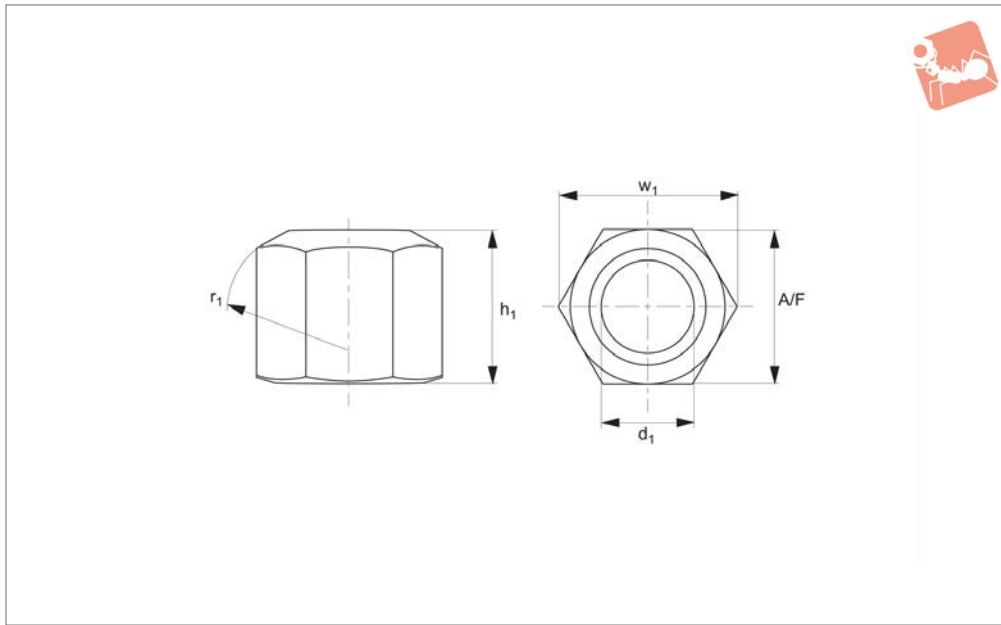
Stainless steel (AISI 303, 1.4305).

*DIN standards do not include these dimensions.

Technical Notes

Produced to DIN 6331.

Order No.	d ₁	d ₂	h ₁	h ₂	w ₁	A/F	Weight g
24420.W0108	M 8	18	12	3.5	15.0	13	12
24420.W0110	M10	22	15	4.0	18.5	17*	22
24420.W0112	M12	25	18	4.0	20.8	19*	30
24420.W0116	M16	31	24	5.0	27.7	24	67
24420.W0120	M20	37	30	6.0	34.6	30	129



24320

NUTS

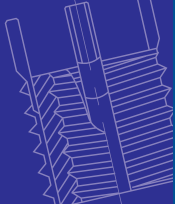
Material

Stainless steel (AISI 303, 1.4305).

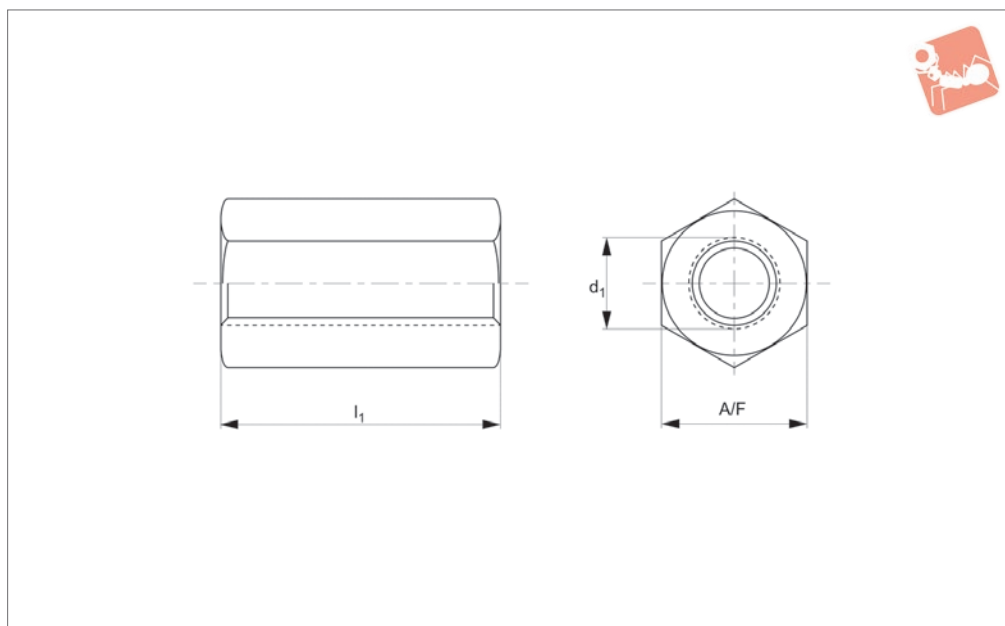
Technical Notes

Produced to DIN 6330B.

Order No.	d_1	h_1	r_1	w_1	A/F	Weight g
24320.W0106	M 6	9	9	11.5	10	4
24320.W0108	M 8	12	11	15.0	13	8
24320.W0110	M10	15	15	18.5	17	17
24320.W0112	M12	18	17	20.8	19	24
24320.W0116	M16	24	22	27.7	24	55
24320.W0120	M20	30	27	34.6	30	110



24602



Material

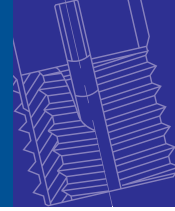
Stainless steel (A2 & A4)

Order No.	d_1	l_1	A/F	Material
24602.W2006	M 6	20	10	A2 s/s
24602.W2008	M 8	25	13	A2 s/s
24602.W2010	M10	30	17	A2 s/s
24602.W2012	M12	35	19	A2 s/s
24602.W2016	M16	40	24	A2 s/s
24602.W2020	M20	50	30	A2 s/s
24602.W2024	M24	50	36	A2 s/s
24602.W4006	M 6	20	10	A4 s/s
24602.W4008	M 8	25	13	A4 s/s
24602.W4010	M10	30	17	A4 s/s
24602.W4012	M12	35	19	A4 s/s
24602.W4016	M16	40	24	A4 s/s
24602.W4020	M20	50	30	A4 s/s
24602.W4024	M24	50	36	A4 s/s

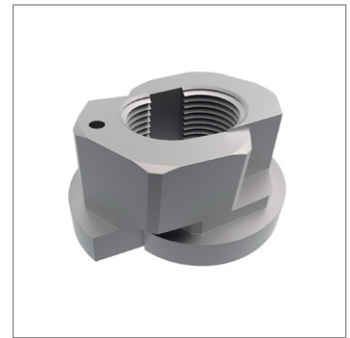
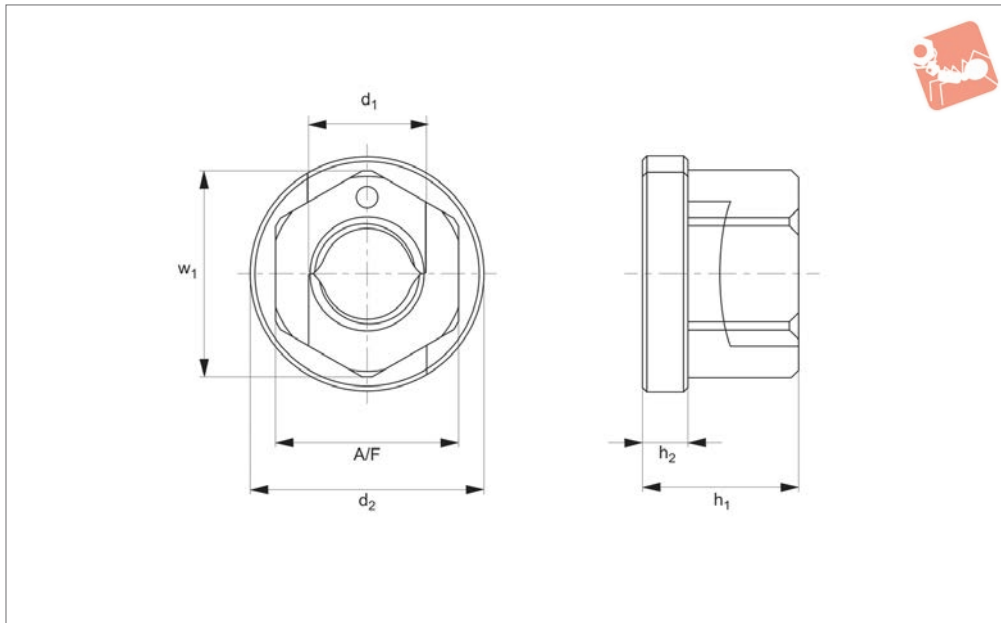


Fast Nut - With Collar

rapid assembly nut



Nuts



24502

NUTS

Material

Steel, heat treated.

Technical Notes

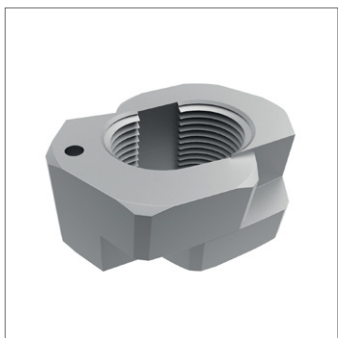
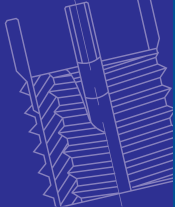
For rapid mounting and dismantling of nuts over long or damaged studding, and

even a studding bent by up to 20°. Where nut components are held together and are unattachable - simply push over thread, engage and a quarter or half turn is adequate for locking.

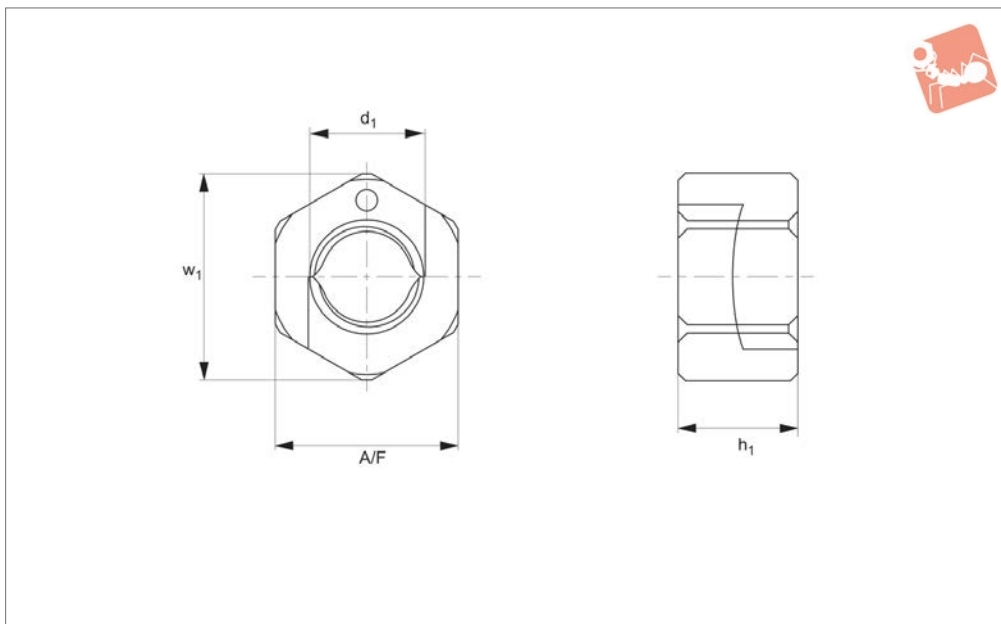
Provides clamping similar to solid nuts of the same thread size. Time saving when dealing with long or damaged studding.

Order No.	d ₁	d ₂	w ₁	h ₁	h ₂	A/F	Weight g
24502.W0106	M 6	14	11	9	3.0	10	5
24502.W0108	M 8	18	14	12	3.5	13	12
24502.W0110	M10	22	19	14	4.0	17	24
24502.W0112	M12	25	21	16	4.0	19	33
24502.W0116	M16	31	27	21	5.0	24	62
24502.W0120	M20	37	33	26	6.0	30	114
24502.W0124	M24	45	40	30	6.0	36	188





24504



Material

Steel, heat treated, zinc plated.
Strength class 10.

Technical Notes

For rapid mounting and dismounting of

nuts over long or damaged studding, and even a studding bent by up to 20°. Where nut components are held together and are unattachable - simply push over thread, engage and a quarter or half turn is

adequate for locking. Provides clamping similar to solid nuts of the same thread size. Time saving when dealing with long or damaged studding.

Order No.	d ₁	w ₁	h ₁	A/F	Weight g
24504.W0106	M 6	11	6	10	3
24504.W0108	M 8	14	8	13	6
24504.W0110	M10	19	10	17	14
24504.W0112	M12	21	12	19	20
24504.W0116	M16	27	16	24	39
24504.W0120	M20	33	20	30	75
24504.W0124	M24	40	24	36	131





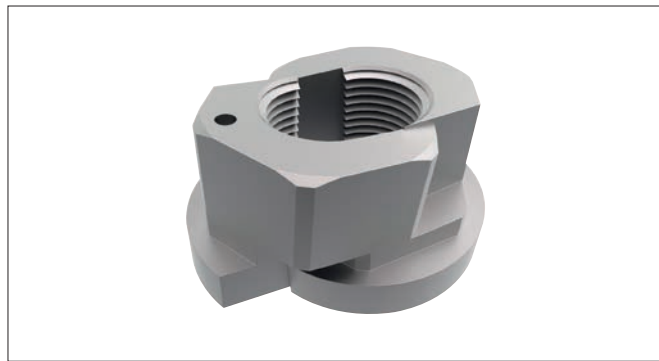
Wixroyd Fast Nut

fast assembly nut, no loss of performance

24502 - 24504

Fixing Elements

The Fast Nut is quickly assembled, simply pull apart the segments to open - slide nut over thread to required location. Push the two threaded segments together to engage on thread. Lock the nut in place with a simple quarter to half turn of a standard spanner.



- There are no problems if the top of a threaded rod is damaged, the Fast Nut can slip over the damaged section.
- There are no issue of cross threading.
- Easy assembly in confined spaces.
- Flexibility to leave clamping to the last moment.

Quick Fastening

Ease the nut off a quarter turn with a spanner, unlock the Fast Nut and remove from the thread.

Disassembly

- For quick release and disassembly of the nut simply pull apart the nut casing to release.
- Zinc plated for a degree of rust protection.
- The Fast Nut simply slips over a rusted or paint covered thread to the fixing area.
- No issue of thread seizing.
- Time saving, yet just as high holding force!
- Can slip over damaged or bent studding up to an angle of approx. 20°.

Quick Release

- M6, M8, M10, M12, M16, M20, M24.

Available Sizes

- Construction industry.
- Temporary buildings, scaffolding.
- Automotive.
- Flange and instrument fittings.
- Jig and fixture builds.
- Mechanical applications.

Applications

- Up to 50% faster assembly and disassembly (up to 500% in difficult and confined environments).
- One piece, so individual parts can't be lost
- Maintenance free and re-usable.
- Corrosion resistant, ideal for outdoors.

Saving Time, Effort and Cost

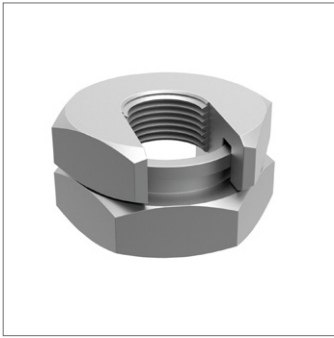
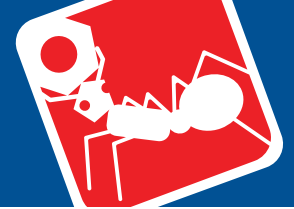
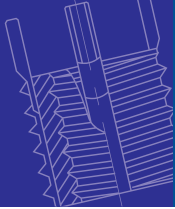
- Two part construction, with parts retained (und detachable).
- Tempering and surface protection to DIN/ISO standards as for a normal nut.
- Thread interference up to 180% of a standard nut.
- No need for a special spanner.

Technical Data

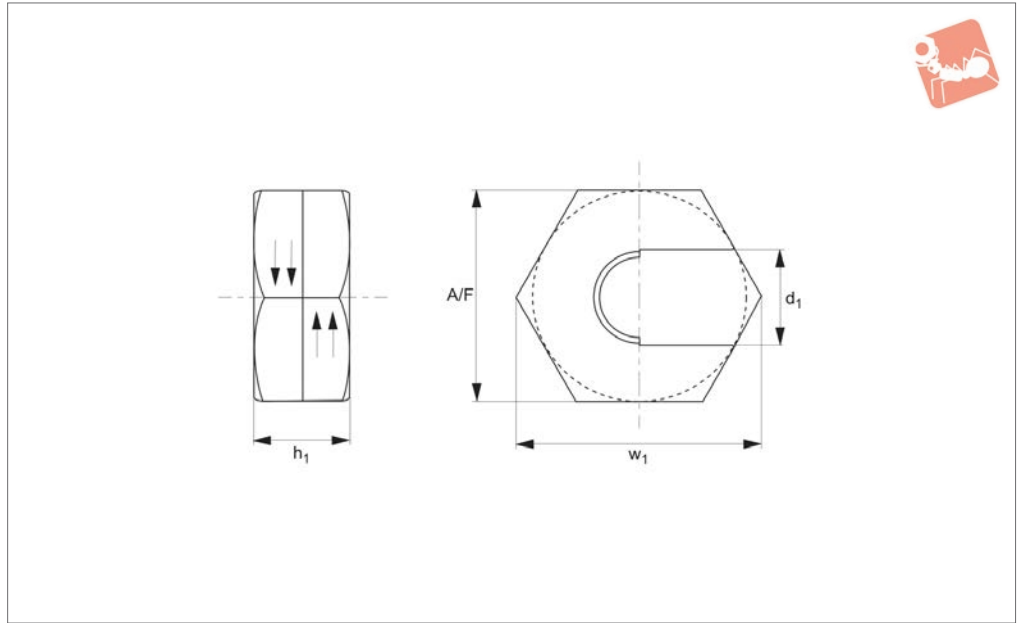
- Heat treated steel, zinc plated.
- Strength class 10 = 1060 N/mm².
- Temperature resistant to +150°C.

Material





24520



Material

Steel, strength class 6, hardened and zinc plated.
Coarse thread.

Technical Notes

Avoid time consuming winding & unwinding on long threads and overcome issues of damaging threads. The slip-on lock nut is easy to position at any point on a thread. Just open the lock nut, position where required, twist the lock nut closed and tighten with a spanner. Still with high load

forces. Safety factor of 2.5 times in load recommendations. Tested from 5 to 2000 Hz over a 10 minute period with no evidence of loosening.

Order No.	d ₁	w ₁	h ₁	A/F	Load kN max.	Torque to Nm max.	Weight g
24520.W0106	M 6	18.2	9.5	16	2.9	8-11	9
24520.W0108	M 8	22.0	9.5	19	-	18-25	15
24520.W0110	M10	25.7	12.4	22	8.9	26-34	25
24520.W0112	M12	31.1	15.9	27	17.8	68-81	45
24520.W0114	M14	31.1	15.9	27	17.8	68-81	45
24520.W0116	M16	38.5	16.5	33	22.2	136-271	71
24520.W0118	M18	38.5	16.5	33	22.2	136-271	71
24520.W0120	M20	47.7	20.3	41	35.6	244-271	141
24520.W0122	M22	58.6	25.4	51	-	-	259
24520.W0124	M24	58.6	25.4	51	-	-	249

