



FIXING ELEMENTS





FIXING ELEMENTS

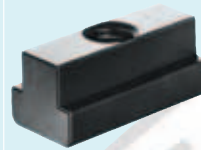
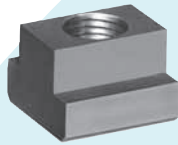
T-Bolts & Studs

PARTS 2100 > 2115



T-Nuts

PARTS 2400 > 2418



Nuts

PARTS 2430 > 2462



Washers

PARTS 2500 > 2650

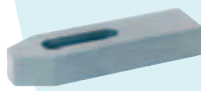


T-Bolt Sets

PARTS 2900



Other useful products in our catalogue



Plain Clamps
no. 1000



Screw Jacks
no. 1500



Toggle Clamps
no. 4000



Hook Clamps
no. 9545





FIXING ELEMENTS




Wixroyd





2100



FIXING ELEMENTS

Material

Forged steel, rolled thread.
Milled T-slot guide faces.

Technical Notes

Sizes M6-M12 strength class 10.9.
Sizes M14-M42 strength class 8.8.
Please see Appendix 5 for technical details.

Tips

The T-Nut element of all T-slot bolts are square, the dimension of which is represented by the symbol $\square e$.

For larger sizes see page 193.

Referral

Please refer to nos. 2430, 2440 and 2500 page 203 for suitable fixture nuts and washers.

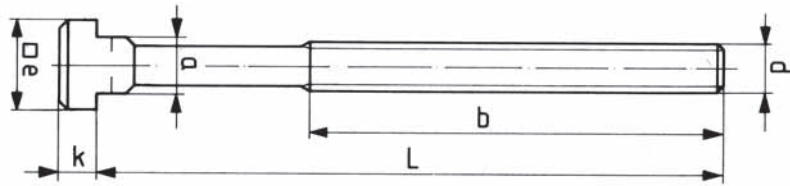


T-Slot Bolt

strength class 8,8/10,9



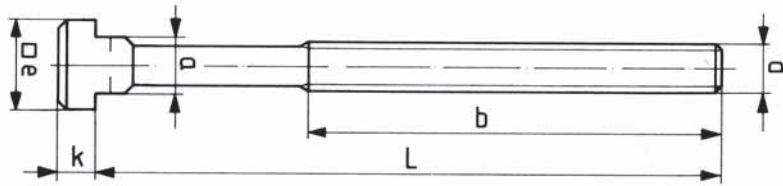
DIN 787



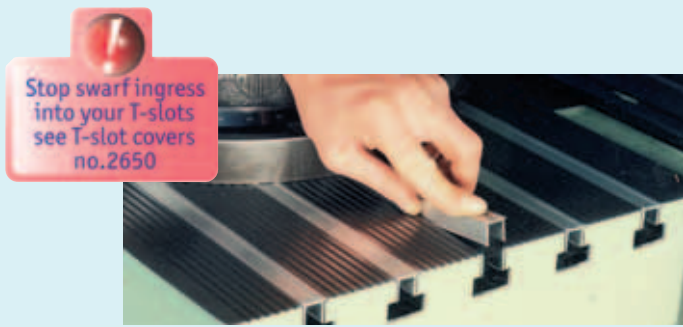
Order No.	d x L	b	a	$\square e$	k	g
2100.W061	M 6 x 6 x 25	15	5,7	10	4	9
2100.W062	M 6 x 6 x 40	28	5,7	10	4	12
2100.W063	M 6 x 6 x 63	40	5,7	10	4	18
2100.W081	M 8 x 8 x 32	22	7,7	13	6	20
2100.W082	M 8 x 8 x 50	35	7,7	13	6	25
2100.W083	M 8 x 8 x 80	50	7,7	13	6	30
2100.W101	M10 x 10 x 40	30	9,7	15	6	30
2100.W102	M10 x 10 x 63	45	9,7	15	6	50
2100.W104	M10 x 10 x 80	50	9,7	15	6	60
2100.W103	M10 x 10 x 100	60	9,7	15	6	70
2100.W121	M12 x 12 x 50	35	11,7	18	7	60
2100.W122	M12 x 12 x 63	40	11,7	18	7	65
2100.W123	M12 x 12 x 80	55	11,7	18	7	75
2100.W126	M12 x 12 x 100	65	11,7	18	7	90
2100.W124	M12 x 12 x 125	75	11,7	18	7	110
2100.W127	M12 x 12 x 160	100	11,7	18	7	135
2100.W125	M12 x 12 x 200	120	11,7	18	7	160
2100.W141	M12 x 14 x 50	35	13,7	22	8	70
2100.W142	M12 x 14 x 63	45	13,7	22	8	80
2100.W143	M12 x 14 x 80	55	13,7	22	8	100
2100.W146	M12 x 14 x 100	65	13,7	22	8	110
2100.W144	M12 x 14 x 125	75	13,7	22	8	120
2100.W147	M12 x 14 x 160	100	13,7	22	8	150
2100.W145	M12 x 14 x 200	120	13,7	22	8	180
2100.W161	M14 x 16 x 63	45	15,7	25	9	115
2100.W159	M14 x 16 x 80	55	15,7	25	9	130
2100.W162	M14 x 16 x 100	65	15,7	25	9	150
2100.W160	M14 x 16 x 125	75	15,7	25	9	180
2100.W163	M14 x 16 x 160	100	15,7	25	9	220
2100.W164	M14 x 16 x 250	150	15,7	25	9	300
2100.W165	M16 x 16 x 63	45	15,7	25	9	140
2100.W166	M16 x 16 x 80	55	15,7	25	9	160
2100.W167	M16 x 16 x 100	65	15,7	25	9	180
2100.W171	M16 x 16 x 125	85	15,7	25	9	225
2100.W168	M16 x 16 x 160	100	15,7	25	9	270
2100.W169	M16 x 16 x 200	125	15,7	25	9	315
2100.W170	M16 x 16 x 250	150	15,7	25	9	380
2100.W181	M16 x 18 x 63	45	17,7	28	10	160
2100.W182	M16 x 18 x 80	55	17,7	28	10	185
2100.W183	M16 x 18 x 100	65	17,7	28	10	203
2100.W187	M16 x 18 x 125	85	17,7	28	10	245
2100.W184	M16 x 18 x 160	100	17,7	28	10	280
2100.W185	M16 x 18 x 200	125	17,7	28	10	330
2100.W186	M16 x 18 x 250	150	17,7	28	10	430
2100.W201	M20 x 20 x 80	55	19,7	32	12	290
2100.W202	M20 x 20 x 100	65	19,7	32	12	340
2100.W203	M20 x 20 x 125	85	19,7	32	12	390
2100.W204	M20 x 20 x 160	110	19,7	32	12	470
2100.W205	M20 x 20 x 200	125	19,7	32	12	550
2100.W206	M20 x 20 x 250	150	19,7	32	12	670
2100.W207	M20 x 20 x 315	190	19,7	32	12	800
2100.W221	M20 x 22 x 80	55	21,7	35	14	330
2100.W222	M20 x 22 x 100	65	21,7	35	14	370
2100.W223	M20 x 22 x 125	85	21,7	35	14	428
2100.W224	M20 x 22 x 160	110	21,7	35	14	500
2100.W225	M20 x 22 x 200	125	21,7	35	14	570
2100.W226	M20 x 22 x 250	150	21,7	35	14	680
2100.W227	M20 x 22 x 315	190	21,7	35	14	820

T-Slot Bolt

strength class 8,8/10,9



Order No.	d x x L	b	a	e	k	g
2100.W241	M24 x 24 x 100	70	23,7	40	16	540
2100.W242	M24 x 24 x 125	85	23,7	40	16	600
2100.W243	M24 x 24 x 160	110	23,7	40	16	770
2100.W244	M24 x 24 x 200	125	23,7	40	16	900
2100.W245	M24 x 24 x 250	150	23,7	40	16	960
2100.W246	M24 x 24 x 315	190	23,7	40	16	1270
2100.W247	M24 x 24 x 400	240	23,7	40	16	1410
2100.W281	M24 x 28 x 100	70	27,7	44	18	650
2100.W282	M24 x 28 x 125	85	27,7	44	18	720
2100.W283	M24 x 28 x 160	110	27,7	44	18	800
2100.W284	M24 x 28 x 200	125	27,7	44	18	950
2100.W285	M24 x 28 x 250	150	27,7	44	18	1120
2100.W286	M24 x 28 x 315	190	27,7	44	18	1350
2100.W287	M24 x 28 x 400	240	27,7	44	18	1490
2100.W361	M30 x 36 x 125	80	35,6	54	22	1250
2100.W362	M30 x 36 x 160	110	35,6	54	22	1440
2100.W363	M30 x 36 x 200	135	35,6	54	22	1630
2100.W364	M30 x 36 x 250	150	35,6	54	22	1920
2100.W365	M30 x 36 x 315	200	35,6	54	22	2100
2100.W366	M30 x 36 x 500	300	35,6	54	22	3300
2100.W421	M36 x 42 x 160	100	41,6	65	26	2200
2100.W422	M36 x 42 x 250	175	41,6	65	26	2820
2100.W423	M36 x 42 x 400	250	41,6	65	26	3930
2100.W424	M36 x 42 x 600	340	41,6	65	26	5480
2100.W481	M42 x 48 x 160	100	47,6	75	30	3400
2100.W482	M42 x 48 x 250	175	47,6	75	30	4300
2100.W483	M42 x 48 x 400	250	47,6	75	30	5800



2100



FIXING ELEMENTS

Material

Forged steel, rolled thread.
Milled T-slot guide faces.

Technical Notes

Sizes M6-M12 strength class 10.9.
Sizes M14-M42 strength class 8.8.
Please see Appendix 5 for technical details.

Tips

The T-Nut element of all T-slot bolts are square, the dimension of which is represented by the symbol □e.

For smaller sizes see page 192.

Referral

Please refer to nos. 2430, 2440 and 2500 page 203 for suitable fixture nuts and washers.



Wixroyd

2105



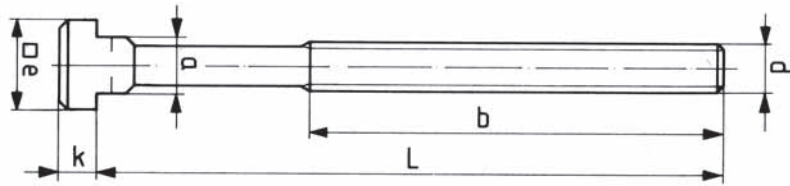
FIXING ELEMENTS

Material
 Forged steel, rolled threads. T-slot guide faces milled.
 Strength class 12.9 punched into head.
 Please see Appendix 5 for technical details.

Tips
 For use where higher clamping forces are required. The T-Nut element of all T-slot bolts are square, the dimension of which is represented by the symbol □e.



T-Slot Bolt
 extra strength, class 12,9



Order No.	d x L	b	a	□e	k	g
2105.W101	M10 x 10 x 40	30	9,7	15	6	30
2105.W102	M10 x 10 x 50	35	9,7	15	6	40
2105.W103	M10 x 10 x 80	50	9,7	15	6	60
2105.W104	M10 x 10 x 100	60	9,7	15	6	70
2105.W121	M12 x 12 x 50	35	11,7	18	7	60
2105.W126	M12 x 12 x 63	40	11,7	18	7	65
2105.W122	M12 x 12 x 80	55	11,7	18	7	75
2105.W127	M12 x 12 x 100	65	11,7	18	7	90
2105.W123	M12 x 12 x 125	75	11,7	18	7	110
2105.W128	M12 x 14 x 160	100	11,7	18	7	135
2105.W124	M12 x 12 x 200	120	11,7	18	7	160
2105.W141	M12 x 14 x 50	35	13,7	22	8	70
2105.W146	M12 x 14 x 63	45	13,7	22	8	80
2105.W142	M12 x 14 x 80	55	13,7	22	8	100
2105.W147	M12 x 14 x 100	65	13,7	22	8	110
2105.W143	M12 x 14 x 125	75	13,7	22	8	120
2105.W148	M12 x 14 x 160	100	13,7	22	8	150
2105.W144	M12 x 14 x 200	120	13,7	22	8	180
2105.W161	M16 x 16 x 63	45	15,7	25	9	140
2105.W165	M16 x 16 x 80	55	15,7	25	9	160
2105.W162	M16 x 16 x 100	65	15,7	25	9	180
2105.W166	M16 x 16 x 125	85	15,7	25	9	225
2105.W163	M16 x 16 x 160	100	15,7	25	9	270
2105.W167	M16 x 16 x 200	125	15,7	25	9	315
2105.W164	M16 x 16 x 250	150	15,7	25	9	380
2105.W181	M16 x 18 x 63	45	17,7	28	10	160
2105.W186	M16 x 18 x 80	55	17,7	28	10	185
2105.W182	M16 x 18 x 100	65	17,7	28	10	203
2105.W187	M16 x 18 x 125	85	17,7	28	10	230
2105.W183	M16 x 18 x 160	100	17,7	28	10	280
2105.W188	M16 x 18 x 200	125	17,7	28	10	330
2105.W184	M16 x 18 x 250	150	17,7	28	10	430
2105.W201	M20 x 20 x 80	55	19,7	32	12	290
2105.W202	M20 x 20 x 125	85	19,7	32	12	390
2105.W205	M20 x 20 x 160	110	19,7	32	12	470
2105.W203	M20 x 20 x 200	125	19,7	32	12	550
2105.W206	M20 x 20 x 250	150	19,7	32	12	670
2105.W204	M20 x 20 x 315	190	19,7	32	12	800
2105.W221	M20 x 22 x 80	55	21,7	35	14	330
2105.W222	M20 x 22 x 125	85	21,7	35	14	428
2105.W225	M20 x 22 x 160	110	21,7	35	14	500
2105.W223	M20 x 22 x 200	125	21,7	35	14	570
2105.W226	M20 x 22 x 250	150	21,7	35	14	680
2105.W224	M20 x 22 x 315	190	21,7	35	14	820
2105.W241	M24 x 24 x 100	70	23,7	40	16	540
2105.W242	M24 x 24 x 160	110	23,7	40	16	770
2105.W245	M24 x 24 x 200	125	23,7	40	16	900
2105.W243	M24 x 24 x 250	150	23,7	40	16	960
2105.W244	M24 x 24 x 400	240	23,7	40	16	1410
2105.W281	M24 x 28 x 100	70	27,7	44	18	650
2105.W282	M24 x 28 x 160	110	27,7	44	18	800
2105.W285	M24 x 28 x 200	125	27,7	44	18	950
2105.W283	M24 x 28 x 250	150	27,7	44	18	1120
2105.W284	M24 x 28 x 400	240	27,7	44	18	1490

Rhombus T-Slot Bolt

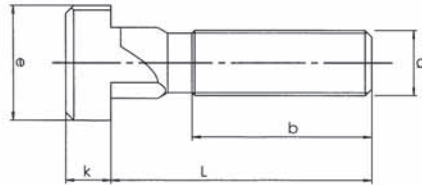
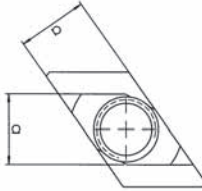
strength class 8,8



2106



FIXING ELEMENTS



Material
Forged steel, rolled thread, heat-treated.

Technical Notes
Tensile strength 8,8. Please see Appendix 5 for technical details.

Tips
This unique T-slot bolt combines the integral strength of a one piece t-bolt, with the functionality of a rhombus type nut to provide access to t-slots where workpiece layout prohibits the introduction of standard T-slot bolts no. 2100.

Order No.	d x $\frac{1}{2}$ x L	b	a	\square e	k	$\frac{1}{2}$ g
2106.W141	M12 x 14 x 50	35	13,7	22	8	70
2106.W142	M12 x 14 x 80	55	13,7	22	8	100
2106.W143	M12 x 14 x 125	75	13,7	22	8	120
2106.W181	M16 x 18 x 63	45	17,7	28	10	160
2106.W182	M16 x 18 x 100	65	17,7	28	10	220
2106.W183	M16 x 18 x 160	100	17,7	28	10	280
2106.W221	M20 x 22 x 80	55	21,7	35	14	330
2106.W223	M20 x 22 x 125	85	21,7	35	14	430
2106.W225	M20 x 22 x 200	120	21,7	35	14	570
2106.W281	M24 x 28 x 100	70	27,7	44	18	650
2106.W282	M24 x 28 x 125	85	27,7	44	18	770
2106.W285	M24 x 28 x 250	150	27,7	44	18	1120

Wixroyd Zero Point System

The Productivity Solution



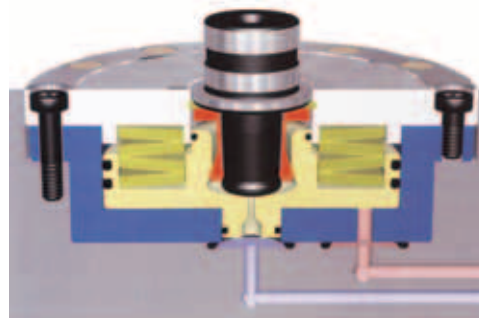
Zero Point System

NEW!

Request your Free Zero Point Catalogue - Call 01483 286677

Q. For reductions in machine downtime.

Q. Greater productivity and profitability.



1,5 ton collet lock version

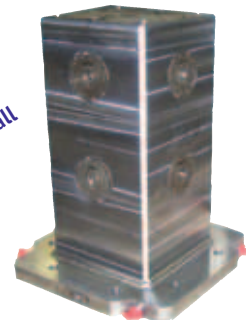
Q. Wixroyd Zero Point System can be integrated into angles & cubes.



Q. Pull Stud

Q. Clamping Unit
- 1 ton
- 2 ton
- 3 ton

We also manufacture to your drawings - call for a quote!





2110



FIXING ELEMENTS

Material
Forged steel, rolled thread, heat-treated.

Technical Notes

M6-M12 - tensile strength class 10.9,
M14-M42 tensile strength class 8.8.
Please see Appendix 5 for technical details.

Tips

For larger sizes see page 197.

Referral

For stainless steel threaded rod, see part 3432 page 320.

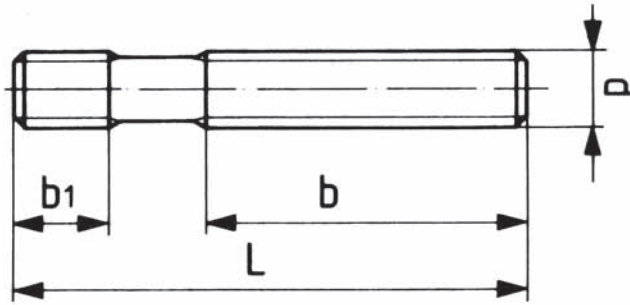


Studs

strength class 8,8/10,9

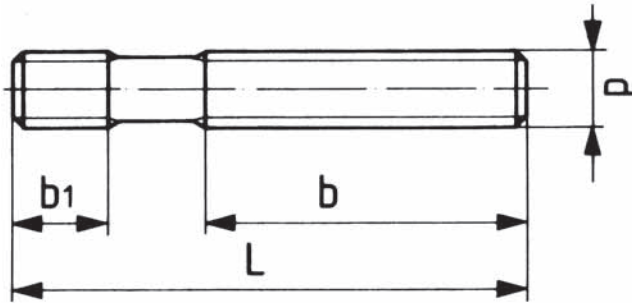


DIN 6379



Order No.	d x L	b	b ₁	g
2110.W061	M6 x 32	16	9	8
2110.W062	M6 x 40	20	9	9
2110.W063	M6 x 50	30	9	11
2110.W064	M6 x 63	40	9	14
2110.W065	M6 x 80	50	9	18
2110.W081	M8 x 40	20	11	10
2110.W082	M8 x 63	40	11	20
2110.W083	M8 x 80	50	11	25
2110.W084	M8 x 100	63	11	30
2110.W085	M8 x 160	100	11	45
2110.W086	M8 x 125	75	11	36
2110.W101	M10 x 50	25	13	25
2110.W102	M10 x 80	50	13	40
2110.W103	M10 x 100	75	13	50
2110.W104	M10 x 125	75	13	62
2110.W105	M10 x 160	100	13	80
2110.W106	M10 x 200	125	13	100
2110.W121	M12 x 50	25	15	37
2110.W122	M12 x 63	32	15	45
2110.W123	M12 x 80	50	15	55
2110.W124	M12 x 100	63	15	70
2110.W125	M12 x 125	75	15	90
2110.W126	M12 x 160	100	15	113
2110.W127	M12 x 200	125	15	140
2110.W141	M14 x 63	32	17	80
2110.W146	M14 x 80	50	17	85
2110.W142	M14 x 100	63	17	95
2110.W147	M14 x 125	75	17	120
2110.W143	M14 x 160	100	17	150
2110.W144	M14 x 200	125	17	195
2110.W145	M14 x 250	160	17	240
2110.W161	M16 x 63	32	19	85
2110.W162	M16 x 80	50	19	105
2110.W163	M16 x 100	63	19	130
2110.W164	M16 x 125	75	19	160
2110.W165	M16 x 160	100	19	218
2110.W166	M16 x 200	125	19	280
2110.W167	M16 x 250	160	19	325
2110.W168	M16 x 315	180	19	425
2110.W169	M16 x 500	315	19	650
2110.W181	M18 x 80	50	23	130
2110.W182	M18 x 125	75	23	200
2110.W183	M18 x 160	100	23	255
2110.W184	M18 x 200	125	23	320
2110.W185	M18 x 250	150	23	400
2110.W186	M18 x 315	180	23	500
2110.W201	M20 x 80	32	27	185
2110.W202	M20 x 125	70	27	255
2110.W203	M20 x 160	100	27	330
2110.W204	M20 x 200	125	27	410
2110.W205	M20 x 250	160	27	510
2110.W206	M20 x 315	200	27	640
2110.W207	M20 x 400	250	27	815
2110.W208	M20 x 500	315	27	1020

Studs strength class 8,8/10,9



Order No.	d x L	b	b ₁	g
2110.W221	M22 x 100	45	31	270
2110.W222	M22 x 160	100	31	430
2110.W223	M22 x 200	125	31	500
2110.W224	M22 x 250	160	31	670
2110.W225	M22 x 315	180	31	790
2110.W226	M22 x 400	250	31	1070
2110.W241	M24 x 100	45	35	290
2110.W242	M24 x 125	70	35	380
2110.W243	M24 x 160	100	35	470
2110.W244	M24 x 200	125	35	580
2110.W245	M24 x 250	160	35	730
2110.W246	M24 x 315	200	35	920
2110.W247	M24 x 400	250	35	1160
2110.W248	M24 x 500	315	35	1460
2110.W249	M24 x 630	315	35	1850
2110.W271	M27 x 125	56	39	485
2110.W272	M27 x 200	125	39	770
2110.W273	M27 x 315	200	39	1110
2110.W274	M27 x 400	250	39	1535
2110.W275	M27 x 500	315	39	1930
2110.W301	M30 x 125	56	43	590
2110.W302	M30 x 200	125	43	950
2110.W303	M30 x 315	200	43	1490
2110.W304	M30 x 500	315	43	2360
2110.W305	M30 x 700	400	43	3300
2110.W306	M30 x 1000	400	43	4700
2110.W361	M36 x 160	80	51	1100
2110.W362	M36 x 200	125	51	1340
2110.W363	M36 x 250	160	51	1710
2110.W364	M36 x 315	200	51	2150
2110.W365	M36 x 400	250	51	2740
2110.W366	M36 x 500	315	51	3540
2110.W367	M36 x 700	400	51	4780
2110.W421	M42 x 315	200	59	2950
2110.W422	M42 x 400	250	59	3750
2110.W423	M42 x 500	315	59	4690



2110



FIXING ELEMENTS

Material

Forged steel, rolled thread, heat-treated.

Technical Notes

M6-M12 - tensile strength class 10,9.
M14-M42 tensile strength class 8,8.
Please see Appendix 5 for technical details.

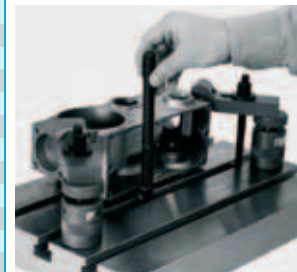
Tips

Please refer to nos. 2400, 2430, 2440 and 2500 for appropriate T-nuts, fixture nuts, collar nuts and washers.

For smaller sizes see page 196.

Referral

For stainless steel threaded rod, see part 3432 page 320.



For stainless steel threaded rod see part no. 3432



Wixroyd

2115



FIXING ELEMENTS

Material

Heat treated steel, blackened.

Technical Notes

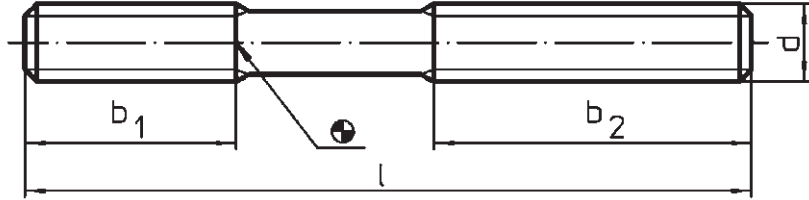
b1 longer than DIN 6379 version, part no. 2110.

Longer thread length provides added security.

Items marked * have full length threaded (hence b₁ and b₂ no longer valid).

Studs

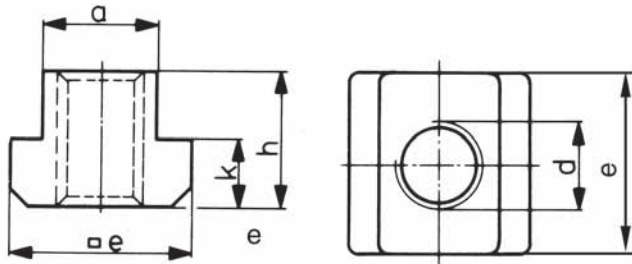
strength class 8,8 - b1 longer than DIN 6379 version



Order No.	d x l	b ₁	b ₂	g
2115.W562	M 6 x 50	15	30	11
2115.W563	M 6 x 63	15	40	14
2115.W564	M 6 x 80	15	50	18
2115.W582	M 8 x 63	20	40	20
2115.W583	M 8 x 100	20	63	30
2115.W584	M 8 x 160	20	100	45
2115.W602	M10 x 80	25	50	40
2115.W603	M10 x 100	25	75	50
2115.W604	M10 x 125	25	75	65
2115.W605	M10 x 160	25	100	80
2115.W606	M10 x 200	25	125	100
2115.W622	M12 x 63*	-	-	50
2115.W623	M12 x 80*	-	-	60
2115.W624	M12 x 100	30	63	70
2115.W625	M12 x 125	30	75	90
2115.W626	M12 x 160	30	100	115
2115.W627	M12 x 200	30	125	140
2115.W662	M16 x 80*	-	-	105
2115.W664	M16 x 125	40	63	130
2115.W665	M16 x 160	40	75	160
2115.W666	M16 x 200	40	100	210
2115.W667	M16 x 250	40	125	280



T-Nuts



Order No.	d x	a	□e	h	k	$\Delta \pm$ g
2400.W041	M 4 x 5	4,6	9	6,5	3	1
2400.W061	M 5 x 6	5,7	10	8,0	4	4
2400.W081	M 6 x 8	7,7	13	10,0	6	9
2400.W091	M 6 x 10	9,6	15	12,0	6	14
2400.W101	M 8 x 10	9,7	15	12,0	6	12
2400.W121	(M 8 x 12)	11,7	18	14,0	7	22
2400.W122	M10 x 12	11,7	18	14,0	7	22
2400.W141	(M 8 x 14)	13,7	22	16,0	8	35
2400.W142	(M10 x 14)	13,7	22	16,0	8	35
2400.W143	M12 x 14	13,7	22	16,0	8	35
2400.W161	(M 8 x 16)	15,7	25	18,0	9	50
2400.W162	(M10 x 16)	15,7	25	18,0	9	50
2400.W163	(M12 x 16)	15,7	25	18,0	9	50
2400.W164	(M14 x 16)	15,7	25	18,0	9	50
2400.W181	(M 8 x 18)	17,7	28	20,0	10	91
2400.W182	(M10 x 18)	17,7	28	20,0	10	87
2400.W183	(M12 x 18)	17,7	28	20,0	10	82
2400.W184	(M14 x 18)	17,7	28	20,0	10	70
2400.W185	M16 x 18	17,7	28	20,0	10	70
2400.W200	(M12 x 20)	19,6	32	24,0	12	107
2400.W201	(M16 x 20)	19,7	32	24,0	12	110
2400.W202	(M18 x 20)	19,7	32	24,0	12	110
2400.W220	(M12 x 22)	21,6	35	28,0	14	155
2400.W221	(M16 x 22)	21,7	35	28,0	14	176
2400.W222	(M18 x 22)	21,7	35	28,0	14	163
2400.W223	M20 x 22	21,7	35	28,0	14	155
2400.W241	(M16 x 24)	23,7	40	32,0	16	260
2400.W242	(M20 x 24)	23,7	40	32,0	16	235
2400.W243	(M22 x 24)	23,7	40	32,0	16	220
2400.W281	(M16 x 28)	27,7	44	36,0	18	383
2400.W282	(M20 x 28)	27,7	44	36,0	18	355
2400.W283	(M22 x 28)	27,7	44	36,0	18	340
2400.W284	M24 x 28	27,7	44	36,0	18	322
2400.W301	(M24 x 30)	29,7	48	38,0	19	440
2400.W321	(M27 x 32)	31,6	50	40,0	20	460
2400.W361	(M24 x 36)	35,6	54	44,0	22	700
2400.W362	M30 x 36	35,6	54	44,0	22	590
2400.W421	(M30 x 42)	41,6	65	52,0	26	1150
2400.W422	M36 x 42	41,6	65	52,0	26	1010
2400.W481	M42 x 48	47,6	75	60,0	30	1600
2400.W541	M48 x 54	53,6	85	70,0	34	2300



2400



FIXING ELEMENTS

Material

Heat-treated steel, to tensile strength class 10.

Technical Notes

() = Old Standard.
Further T-nut sizes and qualities on request.
Please note T-nuts are square, length and width are both equal to dimension □e.



CAD MODELS
available
in wide
range of
formats

Request
Your Copy



Wixroyd

2401



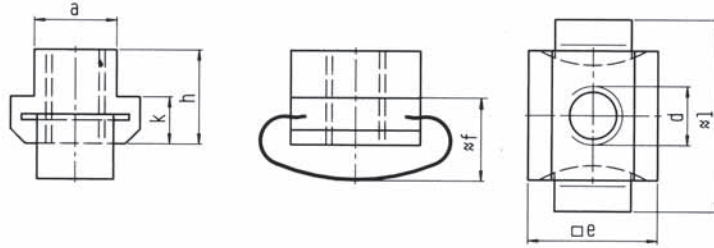
FIXING ELEMENTS

Material
Heat-treated steel, 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 $\square e$.



T-Nuts
with anti-slip device



Order No.	d x	a	$\square e$	f	h	k	l	g
2401.W121	M 8 x 12	11,7	18	12,5	14	7	31	24
2401.W122	M10 x 12	11,7	18	12,5	14	7	31	21
2401.W141	M 8 x 14	13,7	22	13,5	16	8	33	42
2401.W142	M10 x 14	13,7	22	13,5	16	8	33	38
2401.W143	M12 x 14	13,7	22	13,5	16	8	33	34
2401.W161	M 8 x 16	15,7	25	15,5	18	9	42	63
2401.W162	M10 x 16	15,7	25	15,5	18	9	42	60
2401.W182	M10 x 18	17,7	28	17,5	20	10	43	87
2401.W185	M16 x 18	17,7	28	17,5	20	10	43	70
2401.W223	M20 x 22	21,7	35	21,5	28	14	56	153

Wixroyd

2402

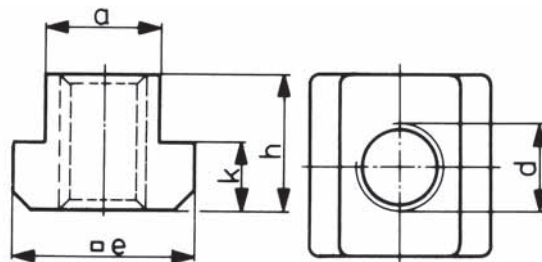


Material
Stainless steel 1.4305 (AISI 303)

Technical Notes
Please note T-nuts are square, length and width are both equal to dimension $\square e$.

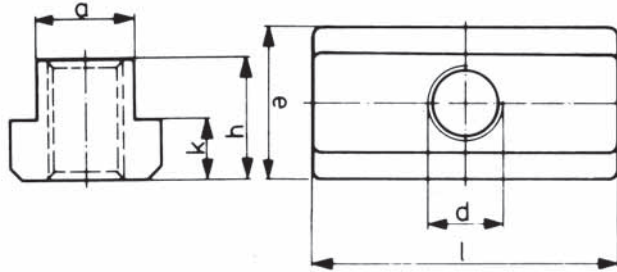


T-Nuts
stainless steel



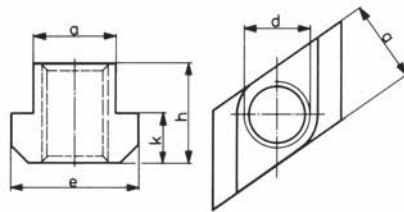
Order No.	d	T-slot size	a	$\square e$	h	k	g
2402.W081	M 6	8	7,6	13	10	6	8
2402.W101	M 8	10	9,6	15	12	6	12
2402.W121	M10	12	11,6	18	14	7	22
2402.W141	M12	14	13,6	22	16	8	34
2402.W161	M14	16	15,6	25	18	9	50
2402.W181	M16	18	17,6	28	20	10	68

Extended T-Nuts



Order No.	d x	a	e	l	h	k	
2410.W060	M 5 x 6	5,7	10	20	8	4	8
2410.W080	M 6 x 8	7,7	13	26	10	6	14
2410.W100	M 8 x 10	9,7	15	30	12	6	30
2410.W120	M10 x 12	11,7	18	36	14	7	49
2410.W140	M12 x 14	13,7	22	44	16	8	82
2410.W160	M14 x 16	15,7	25	50	18	9	120
2410.W180	M16 x 18	17,7	28	56	20	10	170
2410.W200	M18 x 20	19,7	32	64	24	12	260
2410.W220	M20 x 22	21,7	35	70	28	14	360
2410.W280	M24 x 28	27,7	44	88	36	18	730
2410.W360	M30 x 36	35,6	54	108	44	22	1390

Rhombus T-Nuts



Order No.	d x	Strength class	a	e	h	k	
2412.W060	M 5 x 6	10	5,9	10	8	4	2
2412.W080	M 6 x 8	10	7,6	13	10	6	5
2412.W100	M 8 x 10	10	9,6	15	12	6	9
2412.W120	M10 x 12	8	11,7	18	14	7	14
2412.W140	M10 x 14	8	13,7	22	16	8	27
2412.W141	M12 x 14	8	13,7	22	16	8	22
2412.W160	M14 x 16	6	15,7	25	18	9	33
2412.W180	M10 x 18	8	17,7	28	20	10	64
2412.W181	M16 x 18	6	17,7	28	20	10	46
2412.W200	M16 x 20	8	19,7	32	24	12	79
2412.W201	M18 x 20	6	19,7	32	24	12	70
2412.W220	M16 x 22	8	21,7	35	28	14	119
2412.W280	M16 x 28	8	27,7	44	36	18	278
2412.W221	M20 x 22	6	21,7	35	28	14	98
2412.W281	M24 x 28	6	27,7	44	36	18	248
2412.W282	M20 x 28	8	27,7	44	36	18	248
2412.W360	M30 x 36	6	35,6	54	44	22	430
2412.W420	M36 x 42	6	41,6	65	52	26	690

Wixroyd

2410



Material
Heat treated to tensile strength class 10.

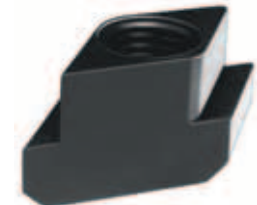
Technical Notes
The extended length of the T-nut protects T-slots from damage.



FIXING ELEMENTS

Wixroyd

2412



Material
Heat-treated steel.

Technical Notes
Can be fitted into slots from above.

Tips
Very useful on long T-slots or where workpiece layout prohibits the introduction of bolts or nuts from the end.
Keep slots clean to ensure accurate fit.



ity
D



2416



FIXING ELEMENTS

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

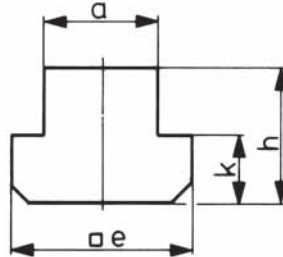
Technical Notes
After machining thread, heat treat to tensile strength class 10. Heat to 880°C for 45 minutes, quench in oil at 75°C and temper at 550°C for two hours.
Please note T-nuts are square, length and width are both equal to dimension $\square e$.

Tips
Useful for machining unusual thread sizes or imperial threads.

Semi Finished T-Nuts



DIN 508



Order No.		a	$\square e$	h	k	$\frac{g}{g}$
2416.W060	6	5,7	10	8	4	4
2416.W080	8	7,7	13	10	6	10
2416.W100	10	9,7	15	12	6	16
2416.W120	12	11,7	18	14	7	27
2416.W140	14	13,7	22	16	8	50
2416.W160	16	15,7	25	18	9	70
2416.W180	18	17,7	28	20	10	95
2416.W200	20	19,7	32	24	12	150
2416.W220	22	21,7	35	28	14	210
2416.W240	24	23,7	40	32	16	300
2416.W280	28	27,7	44	36	18	430
2416.W320	32	31,7	50	40	20	630
2416.W360	36	35,6	54	44	22	800
2416.W420	42	41,6	65	52	26	1400
2416.W480	48	47,6	75	60	30	2100
2416.W540	54	53,6	85	70	34	3150



2418



Material
Stainless steel 1.4305 (AISI 303).

Technical Notes
Please note T-nuts are square, length and width are both equal to dimension $\square e$.



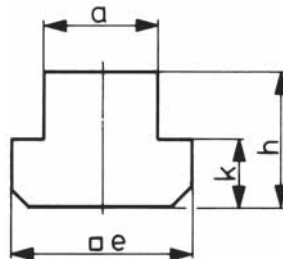
WIM
engineerin

Semi Finished T-Nuts

stainless steel

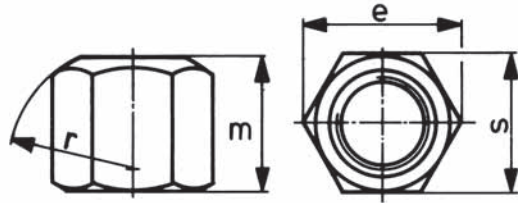


DIN 508



Order No.		a	$\square e$	h	k	$\frac{g}{g}$
2418.W080	8	7,6	13	10	6	10
2418.W100	10	9,6	15	12	6	16
2418.W120	12	11,6	18	14	7	27
2418.W140	14	13,6	22	16	8	50
2418.W160	16	15,6	25	18	9	70
2418.W180	18	17,6	28	20	10	95

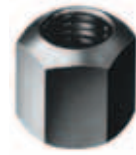
Fixture Nuts



Order No.		s	e	m = 1,5d	r	
						g
2430.W106	M 6	10	11,5	9	9	5
2430.W108	M 8	13	15,0	12	12	9
2430.W110	M10	16*	18,4	15	15	14
2430.W112	M12	18*	20,7	18	17	20
2430.W114	M14	21*	24,2	21	20	34
2430.W116	M16	24	27,7	24	22	58
2430.W118	M18	27	31,2	27	24	83
2430.W120	M20	30	34,6	30	27	110
2430.W122	M22	34*	39,2	33	30	185
2430.W124	M24	36	41,5	36	32	195
2430.W127	M27	41	47,3	40	36	280
2430.W130	M30	46	53,1	45	41	405
2430.W136	M36	55	63,5	54	50	715
2430.W142	M42	65	75,0	63	58	1170
2430.W148	M48	75	86,5	72	67	1800



2430



Material

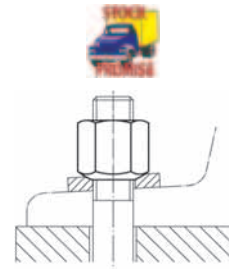
Heat treated to tensile strength class 10.

Technical Notes

Please note: * = new DIN 's' dimensions.

Referral

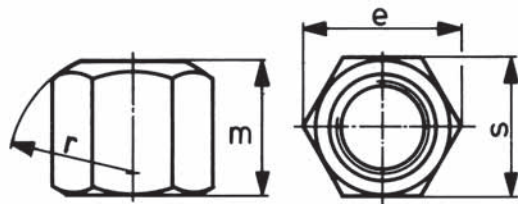
For swivel nuts to accommodate uneven surfaces see part 2462 page 208.



FIXING ELEMENTS

Fixture Nuts

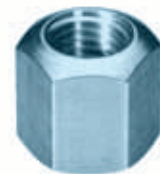
stainless steel



Order No.		s	e	m = 1,5d	r	
						g
2432.W108	M 8	13	15,0	12	11	9
2432.W110	M10*	16*	18,5	15	15	20
2432.W112	M12*	18*	20,8	18	17	28
2432.W116	M16	24	27,7	24	22	58
2432.W120	M20	30	34,6	30	27	110



2432



Material

Stainless steel 1.4305 (AISI 303).

Technical Notes

Please note: * = new DIN 's' dimensions.





2440



FIXING ELEMENTS

Material

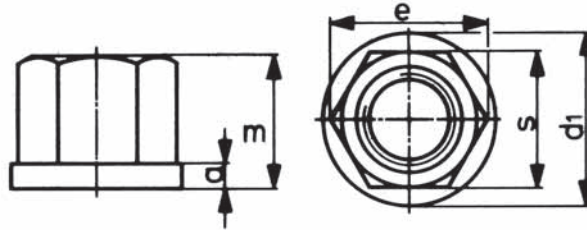
Heat treated to tensile strength class 10. Turned and milled.

Technical Notes

Please note * = new DIN 's' dimensions.



Collar Nuts



Order No.		s	e	m = 1,5d	a	d ₁	
							g
2440.W106	M 6	10	11,5	9	3,0	14	6
2440.W108	M 8	13	15,0	12	3,5	18	12
2440.W110	M10	16*	18,4	15	4,0	22	21
2440.W112	M12	18*	20,7	18	4,0	25	30
2440.W114	M14	21*	24,2	21	4,5	28	43
2440.W116	M16	24	27,7	24	5,0	31	70
2440.W118	M18	27	31,2	27	5,0	34	95
2440.W120	M20	30	34,6	30	6,0	37	130
2440.W122	M22	34*	39,2	33	6,0	40	200
2440.W124	M24	36	41,5	36	6,0	45	230
2440.W127	M27	41	47,3	40	8,0	50	320
2440.W130	M30	46	53,1	45	8,0	58	470
2440.W136	M36	55	63,5	54	10,0	68	800
2440.W142	M42	65	75,0	63	12,0	80	1340
2440.W148	M48	75	86,5	72	14,0	92	2040



2442



Material

Stainless steel 1.4305 (AISI 303).

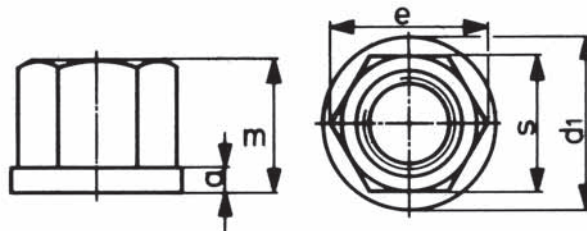
Technical Notes

Please note * = new DIN 's' dimension.



Collar Nuts

stainless steel

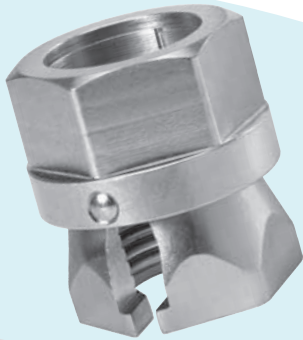


Order No.		s	a	d ₁	e	m = 1,5d	
							g
2442.W108	M 8	13	3,5	18	15,0	12	12
2442.W110	M10	16*	4,0	22	18,5	15	22
2442.W112	M12	18*	4,0	25	20,8	18	31
2442.W116	M16	24	5,0	31	27,7	24	69
2442.W120	M20	30	6,0	37	34,6	30	127

Wixroyd Fast Nut



2450



The fast assembly nut,
NO LOSS OF PERFORMANCE!



FIXING ELEMENTS

ASSEMBLY

The Fast Nut is quickly assembled, push the nut as far as possible over the thread - the nut will engage in contact with the clamping surface. Lock the nut in place with a simple quarter to half turn with a spanner.

QUICK FASTENING

- ⊙ no problems if head of the thread is damaged, Fast Nut can slip over the damaged section
- ⊙ no issue of cross threading
- ⊙ easy assembly in confined spaces
- ⊙ flexibility to leave clamping to the last moment

DISASSEMBLY

Ease the nut off a quarter turn with a spanner, unlock the fast nut and from from the thread.

QUICK RELEASE

- ⊙ Quick release and disassembly of the nut simply push back the nut casing to release
- ⊙ Zinc plated for 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!

AVAILABLE SIZES

- ⊙ M16, M20 & M24

APPLICATIONS

- ⊙ construction industry
- ⊙ temporary building, scaffolding
- ⊙ automotive
- ⊙ flange and instrument fittings
- ⊙ jig and fixture builds
- ⊙ mechanical applications

SAVING TIME, EFFORT & COSTS

- ⊙ upto 50% faster assembly and disassembly (upto 500% under difficult and confined environments)
- ⊙ one piece - individual parts can't be lost
- ⊙ maintenance free and reusable
- ⊙ corrosion resistant, ideal for the out doors

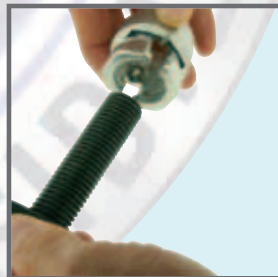
TECHNICAL DATA

- ⊙ three part construction, consisting of a two piece threaded case surrounded by a one piece outer casing
- ⊙ tempering and surface protection to DIN/ISO standards as for a normal nut
- ⊙ thread interference upto 180% of a std. nut
- ⊙ no need for a special spanner

MATERIAL

A 10016-24 ST 35 B 2. Heat treated steel, zinc plated. Strength class 10.9 = 1060 Nm. Temperature resistant to +150°C.

So Fast, So Simple, Still So Strong ...






2450



FIXING ELEMENTS

Material

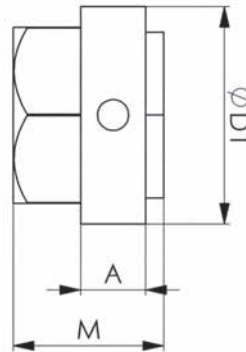
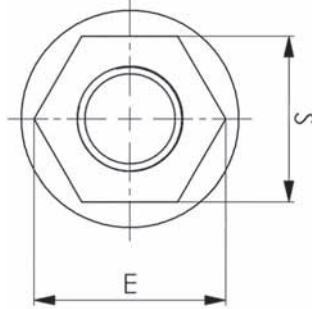
Heat treated steel, zinc plated. A 10016-24 ST 35 b 2. Strength class 10.9 (1060 Nm).

Technical Notes

Upto 50% faster assembly and disassembly, corrosion resistant - ideal for external use.
 Three part construction consisting of two piece threaded case surrounded by one piece outer casing. Tempered and surface protected to ISO standards.
 Maximum temperature +150°C.



Fast Nut
rapid assembly nut



Order No.	Thread	A	D1	E	M	S	△△ g
2450.W116	M16	10,4	35,5	30,68	23,4	27	105
2450.W120	M20	12,5	42,0	38,60	29,0	34	210
2450.W124	M24	16,0	50,4	46,72	34,8	41	365

So Fast, So Simple, Still So Strong ...



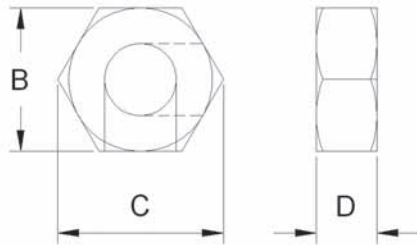
Fast Nut Assembly & Disassembly:

- 1.Pass the Fast Nut over the damaged portion of the thread, and push the nut as far as possible over the thread.
- 2.When nut makes contact with the clamping surface, continue to push as the nut's thread segments engage with the thread.
- 3.Make any manual tightening of the nut, then take a suitable spanner and make a half turn of the nut to fully lock nut in place.
- 4.To disassemble nut, simple reverse above procedure, initially loosen nut with half turn of the spanner.
- 5.Pull the nut away from the clamping surface, the nut's thread segments will disengage, then simply remove nut from the thread



Slip-On Lock Nuts

rapid assembly nut

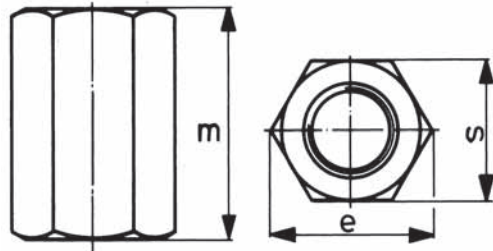


Order No.		B	C	D	Rec. Load Kgf	Rec. Torque Kg/m ²	 g
2452.W106	M 6	15,87	18,16	9,52	295	29-39	9,0
2452.W108	M 8	19,05	21,97	9,52	500	47-85	14,7
2452.W110	M10	22,22	25,65	12,44	908	92-122	23,9
2452.W112	M12	26,97	31,14	15,87	1816	244-292	43,0
2452.W116	M16	33,32	38,48	16,51	2270	488-975	67,8
2452.W120	M20	41,27	47,65	20,32	3632	875-975	134,7

Slip-On Lock Nut Assembly:

1. Align slots on both halves of lock nut and position at desired point on thread.
2. Ensure thread is placed all the way back into the lock nut.
3. To close, turn one half of the lock nut, following direction of the arrows, until both halves tighten down against each other/
4. Tighten nut with a spanner, taking not of recommended torques.

Extension Nuts



Order No.		s	e	m = 3d	 g
2460.W106	M 6	10	11,5	18	8
2460.W108	M 8	13	15,0	24	19
2460.W110	M10	16*	18,4	30	30
2460.W112	M12	18*	20,7	36	48
2460.W114	M14	21*	24,2	42	73
2460.W116	M16	24	27,7	48	120
2460.W118	M18	27	31,2	54	170
2460.W120	M20	30	34,6	60	240
2460.W122	M22	34*	39,2	66	390
2460.W124	M24	36	41,5	72	400
2460.W127	M27	41	47,3	81	600
2460.W130	M30	46	53,1	90	850
2460.W136	M36	55	63,5	108	1470
2460.W142	M42	65	75,0	126	2340
2460.W148	M48	75	86,5	144	3600



2452



Material
Steel.

Technical Notes

Avoid time consuming winding & unwinding on long threads, and overcome issues of damages 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 lock nut closed and tighten with 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.

FIXING ELEMENTS



2460



Material

Heat-treated to tensile strength class 10.

Technical Notes

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.

Note * = new DIN 's' dimension.





2462



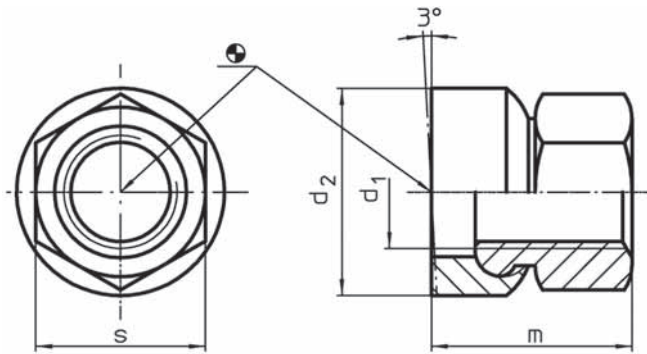
FIXING ELEMENTS

Material
Heat-treated steel, blackened.

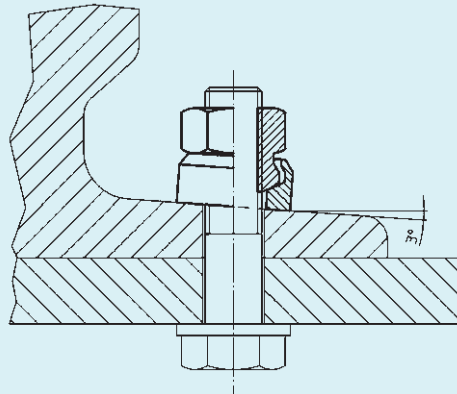
Technical Notes
For starting torques, please refer to
Technical Appendix 5.



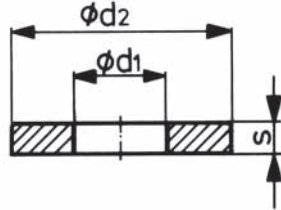
Swivel Nuts



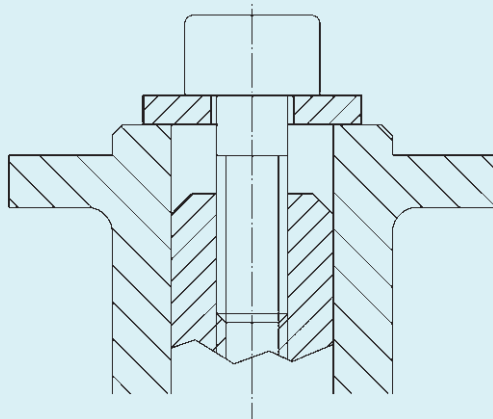
Order No.	d_1	d_2	m	s	$\frac{g}{g}$
2462.W508	M 8	17	14,0	13	12
2462.W510	M10	21	17,5	16	27
2462.W512	M12	24	21,5	18	38
2462.W516	M16	30	28,0	24	68
2462.W520	M20	36	35,0	30	140
2462.W524	M24	44	42,5	36	255
2462.W530	M30	55	56,0	46	530



Washers



Order No.	metric	inch	ϕ d_1	ϕ d_2	s	g
2500.W106	M 6	1/4	6,4	17	3	6
2500.W108	M 8	5/16	8,4	23	4	10
2500.W110	M10	3/8	10,5	28	4	16
2500.W112	M12	1/2	13,0	35	5	35
2500.W114	(M14)	-	15,0	40	5	40
2500.W116	M16	5/8	17,0	45	6	60
2500.W118	(M18)	-	19,0	45	6	60
2500.W120	M20	3/4	21,0	50	6	73
2500.W122	(M22)	7/8	23,0	50	8	92
2500.W124	M24	7/8	25,0	60	8	170
2500.W127	(M27)	1 1/16	28,0	68	10	210
2500.W130	M30	1 1/8, 1 3/16	31,0	68	10	230
2500.W136	M36	1 1/4, 1 3/8	38,0	80	12	350
2500.W142	(M42)	1 1/2	44,0	100	15	670
2500.W148	(M48)	1 3/4	50,0	110	17	920



2500



FIXING ELEMENTS

Material

Hardened (1200-1400n/mm² tensile strength).

Technical Notes

() similar to DIN.



DESIGN ELEMENTS
Looking for Spring and Index Plungers

 Request your **FREE** Design Elements Catalogue





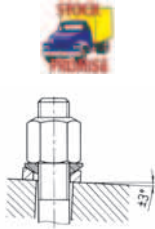
2510



Material
Case-hardened steel.

Technical Notes
Used with dished washers no. 2540 (type D) and no. 2570 (type G).
Dimensions marked * not available in DIN standard.

Tips
Do not use in combination with no. 2540 (type D) for clamping over holes or slots which do not provide full surface contact to the washer - in such cases use no. 2570 (type G).



2520



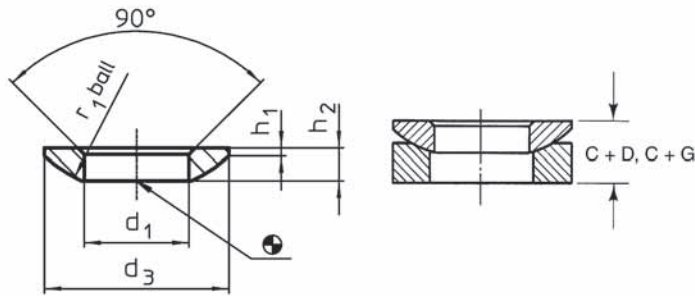
Material
Stainless steel 1.4305 (AISI 303).

Technical Notes
Used with dished washers no. 2550 (type D), and no. 2580 (type G).

Tips
Do not use in combination with no. 2550 (type D) for clamping over holes or slots which do not provide full surface contact to the washer. In such cases use no. 2580 (type G).

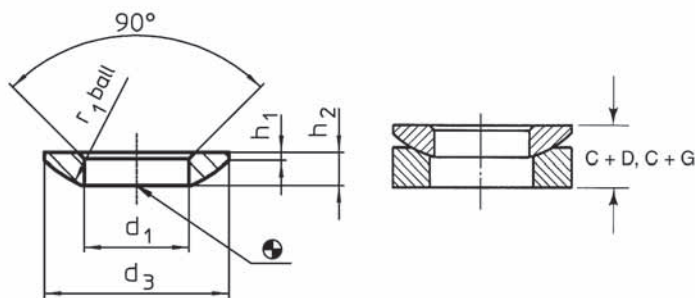


Spherical Seat Washers type C



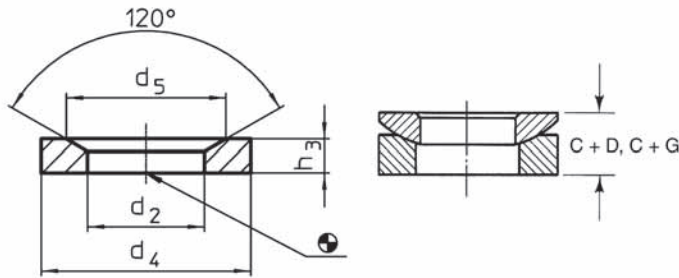
Order No.	Metric		d ₁ H13	d ₃	h ₁	h ₂	r ₁	Max. load capacity for static load max. kN	Total height Type C + D	Total height Type C + G	g
	metric	inch									
2510.W106	M 6	1/4	6,4	12	0,7	2,3	9	9	4,0	5,2	0,9
2510.W108	M 8	5/16	8,4	17	0,6	3,2	12	17	5,0	7,5	2,5
2510.W110	M10	3/8	10,5	21	0,8	4,0	15	26	6,3	7,1	5,0
2510.W112	M12	1/2	13,0	24	1,1	4,6	17	38	8,0	10,0	7,3
2510.W114	M14	-	15,0	28	1,2	5,0	22	53	8,6	10,6	11,4
2510.W116	M16	5/8	17,0	30	1,3	5,3	22	73	9,3	11,1	12,7
2510.W120	M20	3/4	21,0	36	2,0	6,3	27	117	11,5	12,0	22,0
2510.W124	M24	7/8	25,0	44	2,4	8,2	32	168	15,0	15,5	43,0
2510.W130	M30	1 1/8, 1 3/16	31,0	56	3,6	11,2	41	269	19,7	21,7	102,0
2510.W136	M36	1 1/4, 1 3/8	37,0	68	4,6	14,0	50	394	23,0	-	190,0
2510.W142	M42	1 1/2	43,0	78	6,5	17,0	58	542	29,0	-	305,0
2510.W148	M48	1 3/4	50,0	92	8,0	21,0	67	714	36,0	-	540,0
2510.W156	M56	2	*58,0	103	9,5	23,0	79	-	-	-	760,0
2510.W164	M64	2 1/4	*66,0	120	12,0	27,0	93	-	-	-	1220,0

Spherical Seat Washer type C - stainless steel



Order No.	Metric		d ₁ H13	d ₃	h ₁	h ₂	r ₁	Total height Type C + D	Total Height Type C + G	g
	metric	inch								
2520.W306	M 6	1/4	6,4	12	0,7	2,3	9	4,0	5,2	0,9
2520.W308	M 8	5/16	8,4	17	0,6	3,2	12	5,0	6,5	2,5
2520.W310	M10	3/8	10,5	21	0,8	4,0	15	6,3	7,1	5
2520.W312	M12	1/2	13,0	24	1,1	4,6	17	8,0	9,0	7,3
2520.W316	M16	5/8	17,0	30	1,3	5,3	22	9,3	10,1	12,7
2520.W320	M20	3/4	21,0	36	2,0	6,3	27	11,5	12,0	22
2520.W324	M24	7/8	25,0	44	2,4	8,2	32	15,0	15,5	43
2520.W330	M30	1 1/8, 1 3/16	31,0	56	3,6	11,2	41	19,7	19,7	102
2520.W336	M36	1 1/4, 1 3/8	37,0	68	4,6	14,0	50	23,0	-	190
2520.W342	M42	1 1/2	43,0	78	6,5	17,0	58	29,0	-	305
2520.W348	M48	1 3/4	50,0	92	8,0	21,0	67	36,0	-	540

Dished Washer type D



Order No.	metric	inch	d ₂ H13	d ₄	d ₅	h ₃	Max. load capacity for static load max. kN	Total height Type C + D	g
2540.W106	M 6	1/4	7,1	12	11,0	2,8	9	4,0	1,3
2540.W108	M 8	5/16	9,6	17	14,5	3,5	17	5,0	3,5
2540.W110	M10	3/8	12,0	21	18,5	4,2	26	6,3	6,7
2540.W112	M12	1/2	14,2	24	20,0	5,0	38	8,0	10,0
2540.W114	M14	-	16,5	28	24,8	5,6	53	8,6	14,4
2540.W116	M16	5/8	19,0	30	26,0	6,2	73	9,3	18,0
2540.W120	M20	3/4	23,2	36	31,0	7,5	117	11,5	31,0
2540.W124	M24	7/8	28,0	44	37,0	9,5	168	15,0	61,0
2540.W130	M30	1 1/8, 1 3/16	35,0	56	49,0	12,0	269	19,7	130,0
2540.W136	M36	1 1/4, 1 3/8	42,0	68	60,0	15,0	394	23,0	230,0
2540.W142	M42	1 1/2	49,0	78	70,0	18,0	542	29,0	360,0
2540.W148	M48	3/4	56,0	92	82,0	22,0	714	36,0	640,0
2540.W156	M56*	2	65,0	103	92,0	25,0	-	-	900,0
2540.W164	M60*	2 1/4	75,0	120	110,0	30,0	-	-	1430,0

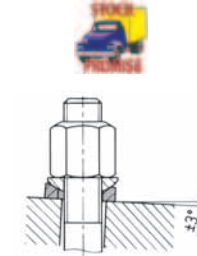


2540



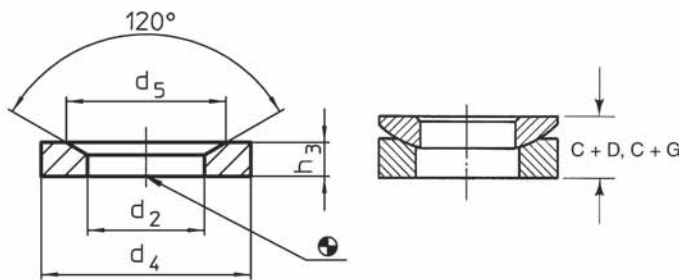
Material
Case-hardened steel.

Tips
Do not use no. 2540 (type D) for clamping over holes or slots which do not provide full surface contact to the washer. In such cases use no. 2570 (type G).



FIXING ELEMENTS

Dished Washers type D - stainless steel



Order No.	metric	inch	d ₂ H13	d ₄	d ₅	h ₃	Total height Type C + D	g
2550.W406	M 6	1/2	7,1	12	11,0	2,8	4,0	1,3
2550.W408	M 8	5/16	9,6	17	14,5	3,5	5,0	3,5
2550.W410	M10	3/8	12,0	21	18,5	4,2	6,3	6,7
2550.W412	M12	1/2	14,2	24	20,0	5,0	8,0	10,0
2550.W416	M16	5/8	19,0	30	26,0	6,2	9,3	18,0
2550.W420	M20	3/4	23,2	36	31,0	7,5	11,5	31,0
2550.W424	M24	7/8	28,0	44	37,0	9,5	15,0	61,0
2550.W430	M30	1 1/8, 1 3/16	35,0	56	49,0	12,0	19,7	130,0
2550.W436	M36	1 1/4, 1 3/8	42,0	68	60,0	15,0	23,0	230,0
2550.W442	M42	1 1/2	49,0	78	70,0	18,0	29,0	360,0
2550.W448	M48	1 3/4	56,0	92	82,0	22,0	36,0	640,0



2550



Material
Stainless steel 1.4305 (AISI 303).

Technical Notes
Use with spherical seat washer no. 2520 (type C).





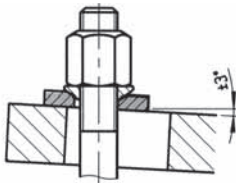
2570



FIXING ELEMENTS

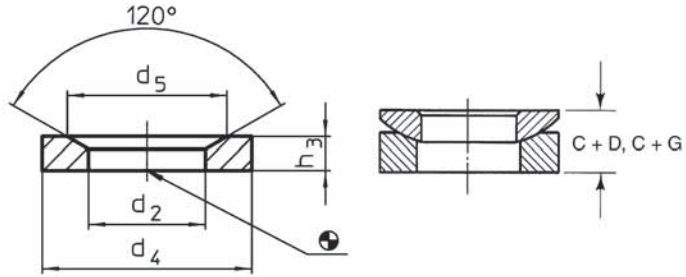
Material
Punched, trued and tempered.

Technical Notes
Their large diameter makes them suitable to bridge the slots of clamps.



Dished Washers

type G



Order No.	metric	inch	d ₂ H13	d ₄	d ₅	h ₃	Max. load capacity for static load max. kN	Total height Type C + G	g
2570.W106	(M 6)	¼	7,1	17,0	11,0	4	9	5,2	5,3
2570.W108	M 8	5/16	9,6	24,0	14,5	5	17	5,5	13,5
2570.W110	M10	3/8	12,0	30,0	18,5	5	26	7,7	21,0
2570.W112	M12	½	14,2	36,0	20,0	6	38	8,0	38,0
2570.W114	M14	-	16,5	40,0	24,8	6	53	8,6	47,0
2570.W116	M16	5/8	19,0	44,0	26,0	7	73	9,1	64,0
2570.W120	(M20)	¾	23,2	50,0	31,0	8	117	12,0	92,0
2570.W124	(M24)	7/8	28,0	60,0	37,0	10	168	15,5	165,0
2570.W130	M30	1 1/8, 1 3/16	35,0	68,0	49,0	12	269	17,7	238,0

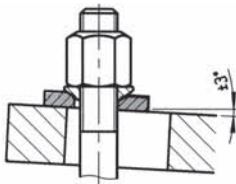


2580



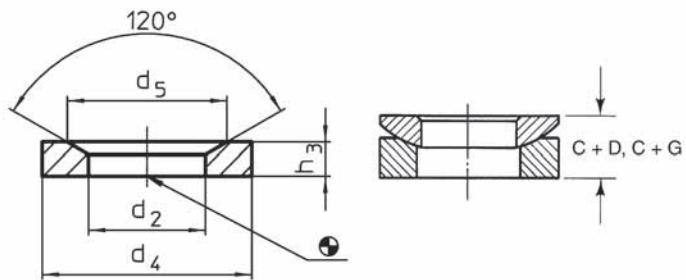
Material
Stainless steel 1.4305 (AISI 303)

Technical Notes
Their large diameter makes them suitable to bridge wide slots.



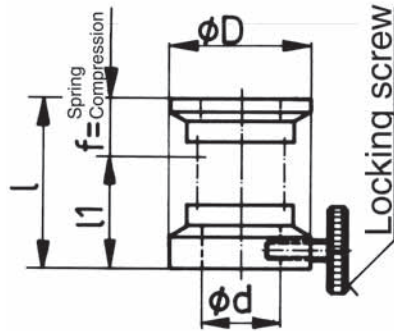
Dished Washers

type G - stainless steel

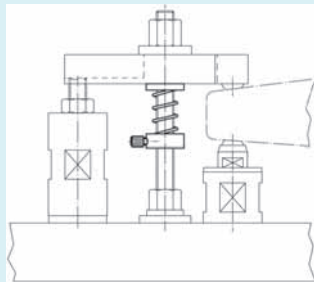


Order No.	metric	inch	d ₂ H13	d ₄	d ₅	h ₃	Total height Type C + G	g
2580.W106	(M 6)	¼	7,1	17,0	11,0	4,0	5,2	5,3
2580.W108	M 8	5/16	9,6	24,0	14,5	5,0	6,5	13,5
2580.W110	M10	3/8	12,0	30,0	18,5	5,0	7,1	21,0
2580.W112	M12	½	14,2	36,0	20,0	6,0	9,0	38,0
2580.W116	M16	5/8	19,0	44,0	26,0	7,0	10,1	64,0
2580.W120	(M20)	¾	23,2	50,0	31,0	8,0	12,0	92,0
2580.W124	(M24)	7/8	28,0	60,0	37,0	10,0	15,5	165,0
2580.W130	M30	1 1/8, 1 3/16	35,0	68,0	49,0	12,0	19,7	238,0

Spring Type Clamp Support with brass locking screw



Order No.	Size	Ø D	Ø d	l	l ₁	f		$\frac{g}{g}$
2600.W101	1	22	10,5	30	22	8	M 8 - M10	41
2600.W102	2	26	14,5	32	22	10	M12 - M14	55
2600.W103	3	32	18,5	38	26	12	M16 - M18	89
2600.W104	4	38	22,5	40	28	12	M20 - M22	133
2600.W105	5	45	27,5	44	32	12	M24 - M27	177



Wixroyd

2600



Technical Notes

Used as clamp support to prevent the clamp falling when parts are unclamped.

FIXING ELEMENTS

T-Slot Scraper



Order No.	Slot sizes	$\frac{g}{g}$
2630.W120	14-20	105
2630.W132	22-32	100
2630.W154	36-54	360

Wixroyd

2630

Technical Notes

Size 14-20 can be produced with your firm's name for advertising purposes from a quantity of 100 pieces.

Wixroyd
enuity



2650

FIXING ELEMENTS

Material

Profiled aluminium.

Technical Notes

Easily sawn to length. Extremely useful to protect T-slots from swarf and other dirt build up.

T-Slot Cover



Order No.		Length	g
2650.W112	12	1000	88
2650.W114	14	1000	100
2650.W116	16	1000	120
2650.W118	18	1000	135
2650.W120	20	1000	150
2650.W122	22	1000	165
2650.W124	24	1000	170
2650.W128	28	1000	200
2650.W136	36	1000	220

Stop swarf ingress into your T-slots see T-slot covers no.2650



T-Bolt Set in wooden box



2900



Technical Notes

Set no 2900.W020 contains extra studs no. 2110, 2 x 80 mm and 4 x 125 mm, in place of T-bolts no. 2110.

FIXING ELEMENTS

Order No.	2900.W010	2900.W012	2900.W014	2900.W016	2900.W017	2900.W018	2900.W020	2900.W022	2900.W028
Size	M10 x 10	M12 x 12	M12 x 14	M14 x16	M16 x 16	M16 x 18	M18 x 20	M20 x 22	M24 x 28
T-bolts (no. 2100)	2pcs x 40 4pcs x 63 4pcs x 100	2pcs x 50 4pcs x 80 4pcs x 125	2pcs x 50 4pcs x 80 -	2pcs x 63 4pcs x 100 -	2pcs x 63 4pcs x 100 4pcs x 160	2pcs x 63 4pcs x 100 -	- † -	2pcs x 80 4pcs x 125 -	2pcs x100 4pcs x 160 -
Studs (no. 2110)	4pcs x 50 4pcs x 80 4pcs x 200 -	4pcs x 63 4pcs x 100 4pcs x 200 -	4pcs x 63 4pcs x 100 4pcs x 160 4pcs x 250	4pcs x 63 4pcs x 100 4pcs x 160 4pcs x 250	4pcs x 80 4pcs x 125 4pcs x 200 -	4pcs x 80 4pcs x 125 4pcs x 200 4pcs x 315	6pcs x 80 8pcs x 125 4pcs x 200 4pcs x 315	4pcs x 80 4pcs x 125 4pcs x 200 4pcs x 315	4pcs x 100 4pcs x 160 4pcs x 250 4pcs x 400
T-nuts (no. 2400)	-	-	4pcs	4pcs	-	4pcs	4pcs	4pcs	4pcs
Fixture nuts (no. 2430)	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs
Extension nut (no. 2460)	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs
Spherical washer (no. 2510)	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	-	4pcs	4pcs
Dished washer (no. 2570)	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	-	4pcs	4pcs
Plain washer (no. 2500)	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs
Box dimension	254 x 188 x 32	276 x 234 x 36	278 x 234 x 36	317 x239 x 44	339 x 294 x 48	339 x 294 x 48	358 x 342 x 56	358 x 342 x 56	444 x 409 x 72
گ g	2050	3200	3500	5400	7400	7400	11000	13500	23600

FIXING ELEMENTS

