

Through Bolts



Stud Anchors

- A through fixing ideal for situations where installation has to be made without marking out, removal and repositioning
- For use in concrete and rock
- Projecting relief at the top of the bolt protects the thread during installation
- Zinc plated & yellow passivated

Applications

- Holding down machinery
- Support anchoring for racking and shelving, balustrading, fencing & barriers
- Cladding restraint anchoring
- Structural steel holding down anchors
- Fixing back wall plates, doors etc.

Olympic Fixing Products Ltd

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olympic fixings

Quality products from the fixing specialists

Technical Data Sheet

Drill hole



Clean thoroughly



Hammer in



Tighten to torque



Size	Hole size (mm)	Max Fixture Thickness (mm)	Min. Hole Depth (mm)	Rec. Torque Nm	Minimum Distance				Fixture Clearance Hole Size (mm)	Safe Static Loads kN			
					To Edge (mm)	Between Fixings (mm)	To corner (mm)	Min. Thickness Base Material (mm)		Concrete 20N/mm²	Concrete 35N/mm²	Concrete 20N/mm²	Concrete 35N/mm²
8x50	8	8	30	25	80	110	135	75	10	3.6	4.8	3.0	3.0
8x60	8	10	40	25	80	110	135	90	10	3.6	4.8	3.0	3.0
8x75	8	12	50	25	80	110	135	105	10	3.6	4.8	3.0	3.0
8x90	8	16	65	25	80	110	135	130	10	3.6	4.8	3.0	3.0
8x115	8	20	85	25	80	110	135	150	10	3.6	4.8	3.0	3.0
8x130	8	24	95	25	80	110	135	170	10	3.6	4.8	3.0	3.0
10x70	10	15	40	45	90	120	150	110	12	4.8	5.8	4.8	4.8
10x90	10	20	55	45	90	120	150	130	12	4.8	5.8	4.8	4.8
10x120	10	50	55	45	90	120	150	160	12	4.8	5.8	4.8	4.8
10x150	10	60	75	45	90	120	150	190	12	4.8	5.8	4.8	4.8
12x75	12	15	45	75	120	160	200	115	14	8.0	9.4	7.6	7.6
12x90	12	17	55	75	120	160	200	130	14	8.0	9.4	7.6	7.6
12x110	12	20	75	75	120	160	200	150	14	8.0	9.4	7.6	7.6
12x140	12	22	100	75	120	160	200	180	14	8.0	9.4	7.6	7.6
12x160	12	24	120	75	120	160	200	200	14	8.0	9.4	7.6	7.6
12x180	12	25	140	75	120	160	200	220	14	8.0	9.4	7.6	7.6
16x90	16	24	45	150	150	200	250	130	18	11.0	13.5	13.2	13.2
16x125	16	27	75	150	150	200	250	165	18	11.0	13.5	13.2	13.2
16x145	16	30	95	150	150	200	250	185	18	11.0	13.5	13.2	13.2
16x170	16	65	85	150	150	200	250	210	18	11.0	13.5	13.2	13.2
20x120	20	25	70	300	180	240	300	160	22	15.6	18.6	20.4	20.4
20x170	20	30	120	300	180	240	300	210	22	15.6	18.6	20.4	20.4
20x220	20	70	125	300	180	240	300	260	22	15.6	18.6	20.4	20.4
20x270	20	130	115	300	180	240	300	310	22	15.6	18.6	20.4	20.4

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