



**NINGBO ANCHOR
FASTENERS INDUSTRIAL CO., LTD.**



ANCHOR



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INTERNATIONAL FAMOUS MARK WITH HIGH GRADE EXPANSION
ANCHOR SERIES PRODUCT RANGE

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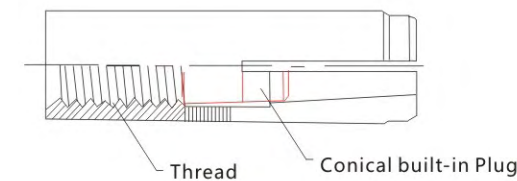
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HEAVY-DUTY TYPE

▶▶ DROP IN ANCHOR

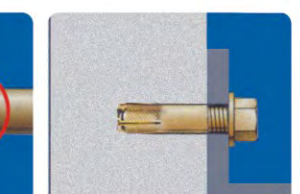
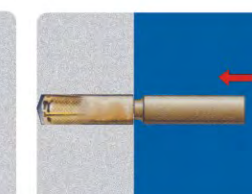
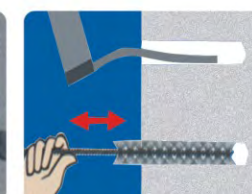
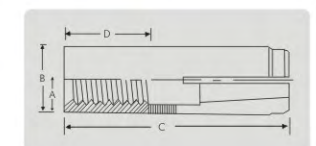


- Material : carbon steel & stainless steel .
- Perfect expansion and specially designed built-in plug ensures full expansion of anchor .
- The test values listed beneath were obtained using C20-C30 concrete (no aggregate) . A safe working load should not exceed 25% of stated values .

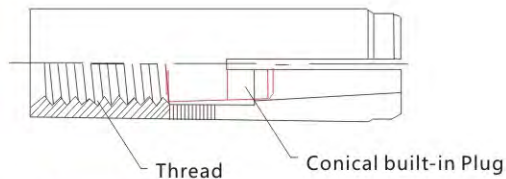


HEAVY-DUTY TYPE

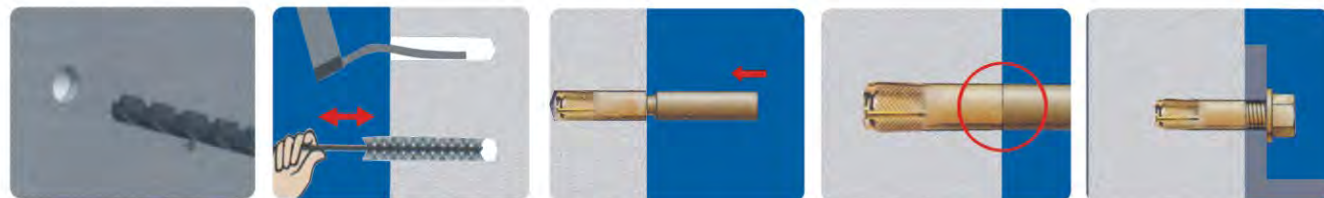
Order Code	Thread Size (A)	Anchor O.Dia. (B)	Thread Depth (D)	Anchor Length (C)	Pull Out Load Kgf	Qty-per Box / Ctn	Weight 100 / 1000 pcs	Number Setting Tool
DRI-20	1/4-20	3/8"	1/2"	1"	1000	100/2000	11.0	DIT-14
DRI-30	3/8-16	1/2"	5/8"	1-9/16"	2000	50/1000	28.0	DIT-38
DRI-40	1/2-13	5/8"	3/4"	2"	2900	50/500	54.0	DIT-12
DRI-50	5/8-11	7/8"	7/8"	2-1/2"	5400	25/200	141.0	DIT-58
DRI-60	3/4-10	1"	1-1/4"	3-1/8"	5900	25/150	227.0	DIT-34
DRM-06 (DRW-20)	M6 (W1/4)	8.0	10	25	950	100/2000	6.3	DMT-06
DRM-08 (DRW-25)	M8 (W5/16)	10.0	14	30	1350	100/2000	12.5	DMT-08
DRM-10 (DRW-30)	M10 (W3/8)	12.0	15	40	1950	50/1000	25.0	DMT-10
DRM-12 (DRW-40)	M12 (W1/2)	16.0	20	50	2900	50/500	51.0	DMT-12
DRM-16 (DRW-50)	M16 (W5/8)	20.0	25	65	4850	25/200	112.0	DMT-16
DRM-20 (DRW-60)	M20 (W3/4)	25.0	35	80	5900	25/150	235.0	DMT-20



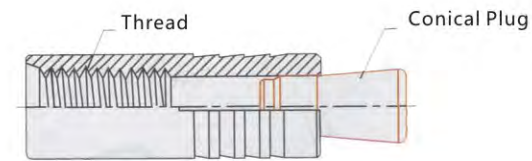
- Material : carbon steel .
- Drop in anchor with ETA approved .
- Perfect expansion and specially designed built-in plug ensures full expansion of anchor .
- The test values listed beneath were obtained using C20-C30 concrete (no aggregate) . A safe working load should not exceed 25% of stated values .



Order Code	Thread Size (A)	Anchor O.Dia. (B)	Thread Depth (D)	Anchor Length (C)	Pull Out Load Kgf	Qty-per Box / Ctn	Weight 100 / 1000 pcs	Number Setting Tool
ARROW DRM-08	M8 (W5/16)	10.0	14	30	1350	100/2000	12.5	DMT-08
ARROW DRM-10	M10 (W3/8)	12.0	15	40	1950	50/1000	25.0	DMT-10
ARROW DRM-12	M12 (W1/2)	16.0	20	50	2900	50/500	51.0	DMT-12
ARROW LIP DRM-08	M8 (W5/16)	10.0	14	30	1350	100/2000	12.5	DMT-08
ARROW LIP DRM-10	M10 (W3/8)	12.0	15	40	1950	50/1000	25.0	DMT-10
ARROW LIP DRM-12	M12 (W1/2)	16.0	20	50	2900	50/500	51.0	DMT-12

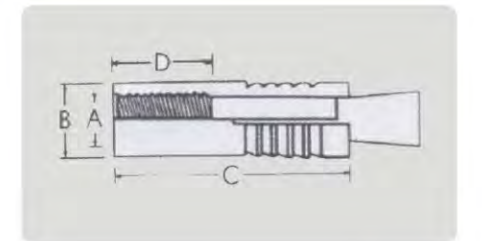


- Material : carbon steel .
- CUT ANCHOR is an improved expansion Anchor with internal Thread and a Plug , and is the most popular Anchor .
- Anchor can be installed with Hex Bolt , Stud and Hookbolt , etc . After installation , concrete will not be effected in appearance as a rise on the surface .
- The test values listed beneath were obtained using C20-C30 concrete (no aggregate) . A safe working load should not exceed 25% of stated values .



Order Code	Anchor Size (A)	Anchor Dia. (B)	Anchor Length (C)	Thread Length (D)	Bolt Thread Fit Length	Drill Dia	Pull Out Load Kgf
CAM-06 (CAW-20)	M6 (W1/4)	11 (10.05)	30	9	8	11.5	980
CAM-08 (CAW-25)	M8 (W5/16)	12.0	35	12	10	12.5	1500
CAM-10 (CAM-30)	M10 (W3/8)	14.0	40	14	12	14.5	2000
CAM-12 (CAM-40)	M12 (W1/2)	17.5	52	20	16	18	3200
CAM-16 (CAM-50)	M16 (W5/8)	21.5	63	24	20	22	4300
CAM-20 (CAM-60)	M20 (W3/4)	25.5	83	31	25	26	5600

Order Code	Anchor Size (mm)	Anchor Length	Drill Dia	Pull Out Load (Kgf)
CWM-10	10.0	40, 45, 50, 55, 60	10.5	1650



HEAVY / DUTY SHELL ANCHOR

- Material : carbon steel .
- HEAVY BUTY SHELL ANCHOR with 3 or 4 piece shells made of stell pressed used to dirt & moisture is appreciated .
- High retaining power & can be removed easily .
- When tightening the nut or screw the conical section is pulled into the anchor shells expanding it & weding it inside the anchor base .



Order Code	Anchor Size	Anchor Length (mm)	Drill Dia (mm)	Drill Depth Min (mm)	Setting Depth Min (mm)	Torque	Qty Per Box / Ctn	Pull Out Load (Kgf)
06	M6 (1/4")	45	12.0	50.0	45.0	49	50/2000	1000
08	M8 (5/16")	55	14.0	60.0	55.0	120	50/1000	1200
10	M10 (3/8")	60	16.0	65.0	60.0	240	25/500	1600
12	M12 (1/2")	75	20.0	85.0	75.0	390	25/300	2500
16	M16 (5/8")	115	25.0	125.0	115.0	980	15/150	3300
20	M20 (3/4")	130	32.0	140.0	130.0	1950	9/108	4800



Type : S



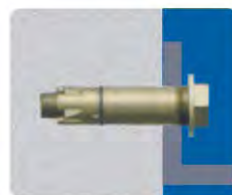
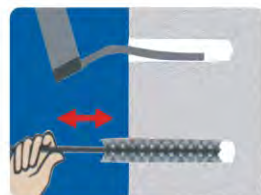
Type : B



Type : O



Type : C

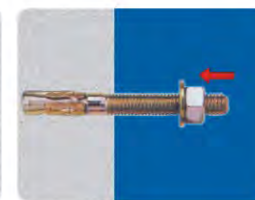
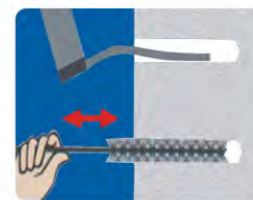


WEDGE ANCHOR

- Material : carbon steel & stainless steel .
- Not require precise hole depth or hole cleaning out .
- Anchor can be hammered below the surface of the concrete when no longer needed .
- The one piece clip is formed around Anchor , assuring full expansion for dependable , superior holding prower . Expanding clip will not fall off or twist in the hole .
- The test values listed beneath were obtained using C20-C30 concrete (no aggregate) . A safe working load should not exceed 25% of stated values .



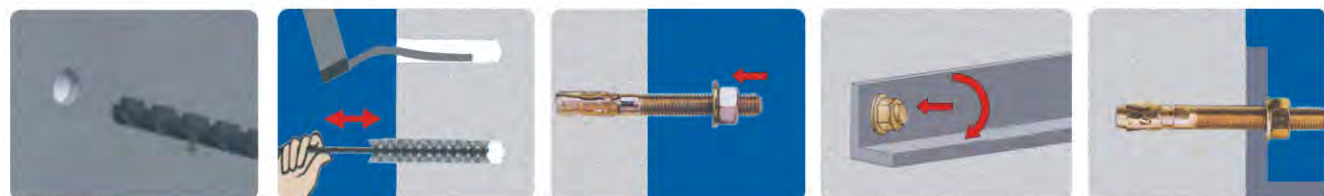
Order Code	Anchor Size	Min. Thred Length	Min. Embedment	Max Fast Thickness	Pull Out Load (Kgf)
WAM-06040	M6x40	15	27	3	900
WAM-06055	M6x55	30	35	15	
WAM-06070	M6x70	45	35	30	
WAM-06095	M6x95	60	35	55	
WAM-08050	M8x50	20	35	10	1300
WAM-08065	M8x65	35	40	20	
WAM-08080	M8x80	50	40	35	
WAM-08095	M8x95	65	40	50	
WAM-08105	M8x105	75	40	60	
WAM-08120	M8x120	95	40	75	
WAM-08165	M8x165	100	40	135	1700
WAM-10065	M10x65	30	40	15	
WAM-10080	M10x80	45	50	20	
WAM-10095	M10x95	60	50	35	
WAM-10115	M10x115	80	50	55	
WAM-10125	M10x120	85	50	60	
WAM-10130	M10x130	95	50	70	2500
WAM-12080	M12x80	35	50	20	
WAM-12100	M12x115	55	60	30	
WAM-12120	M12x120	75	60	50	
WAM-12135	M12x135	90	60	65	
WAM-12150	M12x150	100	60	80	
WAM-16105	M16x105	50	70	15	4000
WAM-16140	M16x140	85	80	40	
WAM-16180	M16x180	100	80	80	
WAM-20125	M20x125	65	85	15	5800
WAM-20160	M20x160	100	100	40	
WAM-20180	M20x180	100	100	80	



- Material : carbon steel & stainless steel .
- Not require precise hole depth or hole cleaning out .
- Anchor can be hammered below the surface of the concrete when no longer needed .
- The one piece clip is formed around Anchor , assuring full expansion for dependable , superior holding prower . Expanding clip will not fall off or twist in the hole .
- The test values listed beneath were obtained using C20-C30 concrete (no aggregate) . A safe working load should not exceed 25% of stated values .



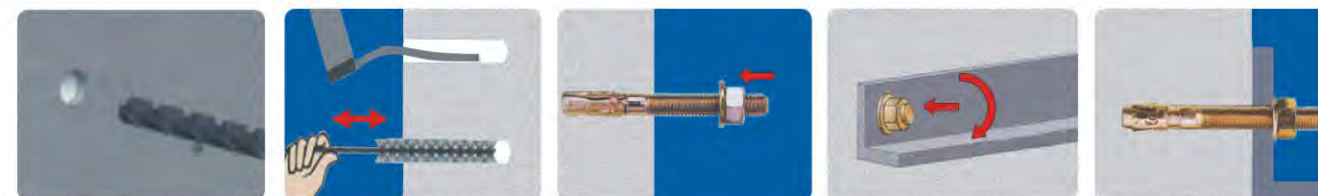
Order Code	Anchor Size	Min. Thred Length	Min. Embedment	Max Fast Thickness	Pull Out Load (Kg)
WA14134	1/4x1-3/4	3/4		1/8	
WA14214	1/4x2-1/4	1-1/4		3/8	900
WA14300	1/4x3	2"	1-1/8	1-1/8	
WA14314	1/4 X3-1/4	2-1/4		1-3/8	
WA51620	5/16 x2	3/4		1/8	
WA516234	5/16	1-9/16	1-1/2	9/16	1300
WA516312	5/16	2-1/4		1-1/8	
WA38218	3/8 x2-1/8	3/4		1/8	
WA38214	3/8 2-1/4	7/8		3/16	
WA38234	3/8 x2-3	1-3/8		3/8	
WA38300	3/8 x3	1-5/8	1-1/2	9/16	1700
WA38312	x 3/8 3-1/2	2-1/8		1"	
WA38334	x 3/8 3-3/4	2-3/8		1-1/8	
WA38500	3/8 x5	3-5/8		2-3/8	
WA12234	1/2 x2-3/4	7/8		1/8	
WA12334	x 1/2 3-3/4	1-7/8		11/16	
WA12414	x 1/2 4-1/4	2-7/16	2-1/4	3/4	2600
WA12512	x 1/2 5-1/2	3-11/16		2"	
WA12700	1/2 x7	4"		3-1/8	
WA58312	5/8 x3-1/2	1-3/8		1/8	
WA58412	5/8 x4-1/2	2-3/8		9/16	
WA58500	5/8 x5	2-7/8	2-3/4	1-1/8	3800
WA58600	5/8 x6	3-7/8		2"	
WA58700	5/8 x7	4"		3-1/8	
WA34414	3/4 X4-1/4	1-7/8		9/16	
WA34434	3/4 x4-3/4	2-3/8		1"	
WA34512	3/4 X5-1/2	3-1/8		1-5/16	
WA34614	3/4 X6-1/4	3-7/8	3-1/4	1-3/4	5800
WA34700	3/4 x7	4"		2"	
WA34812	3/4 X8-1/2	4"		3-1/8	



- Material : medium-carbon steel
- Wedge anchor with ICC approved
- Cracked and uncracked concrete , seismic and dynamic load application.
- Not require precise hole depth or hole cleaning out .
- Anchor can be hammered below the surface of the concrete when no longer needed .
- The one piece clip is formed around Anchor , assuring full expansion for dependable , superior holding prower . Expanding clip will not fall off or twist in the hole .
- The test values listed beneath were obtained using C20-C30 concrete (no aggregate) . A safe working load should not exceed 25% of stated values .



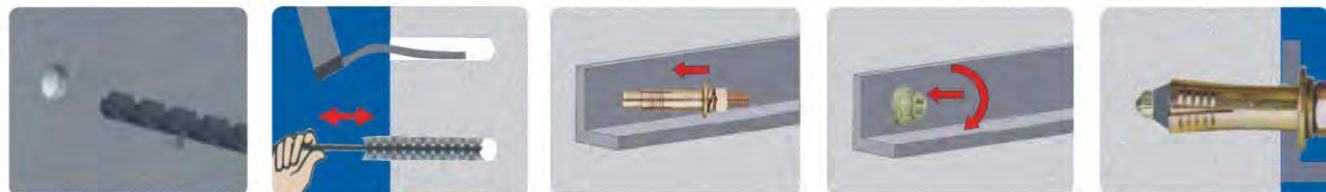
Order Code	Anchor Size	Min. Thred Length	Min. Embedment	Max. Fast Thickness	Ultimate Pull Out Load (Kg)	Design Pull Out Load (Kg)
ARROW Plus WA14134	1/4x1-3/4	3/4		1/8		
ARROW Plus WA14214	1/4x2-1/4	1-1/4		3/8	900	240
ARROW Plus WA14300	1/4x3	2"	1-1/8	1-1/8		
ARROW Plus WA14314	1/4 X3-1/4	2-1/4		1-3/8		
ARROW Plus WA38218	3/8 x2-1/8	3/4		1/8		
ARROW Plus WA38214	3/8 2-1/4	7/8		3/16		
ARROW Plus WA38234	3/8 x2-3	1-3/8		3/8		
ARROW Plus WA38300	3/8 x3	1-5/8	1-1/2	9/16	1700	580
ARROW Plus WA38312	3/8 x3-1/2	2-1/8		1"		
ARROW Plus WA38334	3/8 x3-3/4	2-3/8		1-1/8		
ARROW Plus WA38500	3/8 x5	3-5/8		2-3/8		
ARROW Plus WA12234	1/2 x2-3/4	7/8		1/8		
ARROW Plus WA12334	1/2 x3-3/4	1-7/8		11/16		
ARROW Plus WA12414	1/2 x4-1/4	2-7/16	2-1/4	3/4	2600	800
ARROW Plus WA12512	1/2 x5-1/2	3-11/16		2"		
ARROW Plus WA12700	1/2 x7	4"		3-1/8		
ARROW Plus WA58312	5/8 x3-1/2	1-3/8		1/8		
ARROW Plus WA58412	5/8 x4-1/2	2-3/8		9/16		
ARROW Plus WA58500	5/8 x5	2-7/8	2-3/4	1-1/8	3800	1200
ARROW Plus WA58600	5/8 x6	3-7/8		2"		
ARROW Plus WA58700	5/8 x7	4"		3-1/8		
ARROW Plus WA34414	3/4 X4-1/4	1-7/8		9/16		
ARROW Plus WA34434	3/4 x4-3/4	2-3/8		1"		
ARROW Plus WA34512	3/4 X5-1/2	3-1/8		1-5/16		
ARROW Plus WA34614	3/4 X6-1/4	3-7/8	3-1/4	1-3/4	5800	1400
ARROW Plus WA34700	3/4 x7	4"		2"		
ARROW Plus WA34812	3/4 X8-1/2	4"		3-1/8		



- Material : carbon steel .
- Preassembled for quick and easy installation , High holding power by tough sleeve can be used in heavy duty applications .
- Vibration resistance .
- Versatile and durable .
- Nut spring washer and washer are preassembled .



Order Code	Anchor Siz	Outside Dia. ϕ	Sleeve Length	Drill Dia. ϕ	Pull Out Load (Kg)
BA-650	M6 (1/4-20WT)x50	9.5	30	9.5	890
865	M8 (5/16-18WT)x65	12.0	35	12.0	1390
870	x70	12.0	35	12.0	1390
1070	x70	14.0	40	14.5	1600
1080	M10 (3/8-16WT)x80	14.0	40	14.5	1600
1010	x100	14.0	40	14.5	1600
1012	x120	14.0	40	14.5	1600
1210	x100	17.3	50	18.0	2540
1212	M12 (1/2-12WT)x120	17.3	50	18.0	2540
1215	x150	17.3	50	18.0	2540
1220	x200	17.3	50	18.0	2540
1610	x100	21.7	50	22.0	3300
1612	M16 (5/8-11WT)x120	21.7	60	22.0	3300
1615	x150	21.7	60	22.0	3300
1620	x200	21.7	60	22.0	3300
2016	M20 (3/4-10WT)x160	25.4	80	26.0	4950
2020	x200	25.4	80	26.0	4950
2220	M22 (7/8-9WT)x200	28.6	90	29.0	6400
2420	M24 (1"-8WT)x200	31.8	110	33.0	8640



- Material : carbon steel & stainless steel .
- HIT ANCHOR is a fast & easy to use expansion anchor . NO precise hole depth is required and installation condition can be adjusted from pin and nut .
- NAIL made by high tensile material .



TYPE C-STEEL (SC-STAINLESS STEEL)

Order Code	Anchor Size	Outside Dia	Anchor Length	Thread Length	Drill Dia.	Pull out Load (200kgf / cm ²) Kg
645	M 6 x 4 5	6	45	15	6.4	475
660	M 6 x 6 0	6	60	20	6.4	475
850	M 8 x 5 0	8	50	20	8.5	705
870	M 8 x 7 0	8	70	25	8.5	705
1050	M10x50	10	50	20	10.5	870
1060	M10x60	10	60	25	10.5	
1080	M10x80	10	80	25	10.5	1180
1090	M10x90	10	90	30	10.5	
1010	M10x100	10	100	30	10.5	
1012	M10x120	10	120	30	10.5	
1260	M12x60	12	60	20	12.7	1460
1270	M12x70	12	70	25	12.7	1826
1290	M12x90	12	90	30	12.7	
1210	M12x100	12	100	40	12.7	
1212	M12x120	12	120	50	12.7	
1610	M16x100	16	100	40	17.0	3215
1612	M16x120	16	120	40	17.0	
1615	M16x150	16	150	50	17.0	
2013	M20x130	20	130	50	21.5	4450
2015	M20x150	20	150	50	21.5	
2019	M20x190	20	190	50	21.5	

TYPE T-STEEL (SC-STAINLESS STEEL)



Order Code	Anchor Dia. (d) ϕ	Anchor Length (L)	Head Dia ϕ (D)	Drill Dia ϕ
420	4	20	8	4.3
425	4	25	8	4.3
525	5	25	9	5.4
530	5	30	9	5.4
630	6	30	11	6.4
640	6	40	11	6.4
650	6	50	11	6.4
660	6	60	11	6.4
840	8	40	14.5	8.5
860	8	60	14.5	8.5
1050	10	50	16	10.5
1070	10	70	16	10.5

TYPE Y-STEEL (SC-STAINLESS STEEL)



Order Code	Anchor Dia. (d) ϕ	Anchor Length (L)	Head Dia ϕ (D)	Drill Dia ϕ
420	4	20	8	4.3
425	4	25	8	4.3
525	5	25	10	5.4
530	5	30	10	5.4
630	6	30	12	6.4
640	6	40	12	6.4
840	8	40	14	8.5
860	8	60	14	8.5
1050	10	50	18	10.5
1070	10	70	18	10.5



- Material : carbon steel & stainless steel .
- Preassembled for quick and easy installation , can be used in thin sections of concrete of solid masonry .
- Head styles for every application .
- The test values listed were obtained using C20-C30 concrete (no aggregate) . A safe working load should not exceed 25% of stated values .



Hex Flange Nut

Order Code	Anchor Size	Fastener Material Up To	Qty. Per Box / Ctn	Weight 100 / 1000 pcs	Pull Out Load (Kg)
HNM-65018	M6. 5x18	3mm	100/1000	7.0	200
HNM-65036	M6. 5x36	8	100/1000	9.9	500
HNM-65056	M6. 5x56	28	100/1000	13.6	600
HNM-65075	M6. 5x75	47	50/500	17.3	600
HNM-65100	M6. 5x100	72	50/500	22.0	600
HNM-80025	M8x25	3	100/1000	14.5	300
HNM-80040	M8x40	12	100/1000	17.6	800
HNM-80065	M8x65	37	50/500	24.0	800
HNM-80085	M8x85	57	50/500	31.0	800
HNM-10040	M10x40	3	50/500	32.0	1300
HNM-10050	M10x50	12	50/500	36.0	1300
HNM-10060	M10x60	15	50/500	40.0	1300
HNM-10077	M10x77	39	50/500	46.0	1300
HNM-10097	M10x97	59	50/500	59.0	1300
HNM-12060	M12x60	15	50/250	64.0	1800
HNM-12075	M12x75	27	50/250	72.0	1800
HNM-12099	M12x99	51	25/250	88.0	1800
HNM-12129	M12x129	81	25/125	105.0	1800
HNM-16065	M16x65	20	25/250	110.0	2400
HNM-16111	M16x111	65	10/100	168.0	2400
HNM-16147	M16x147	102	10/100	214.0	2400
HNM-20075	M20x75	25	10/100	266.0	3200
HNM-20107	M20x107	57	5/50	333.0	3200
HNM-20151	M20x151	101	5/50	426.0	3200

Flat Head

Order Code	Anchor Size	Fastener Material Up To	Qty. Per Box / Ctn	Weight 100 / 1000 pcs	Pull Out Load (Kg)
FSM-65037	M6. 5x37	20	100/1000	8.0	600
FSM-65055	M6. 5x55	27	100/1000	11.5	600
FSM-65075	M6. 5x75	47	100/1000	15.0	600
FSM-65100	M6. 5x100	72	100/1000	22.0	600
FSM-80040	M8. 0x40	12	100/1000	13.6	800
FSM-80060	M8. 0x60	32	100/1000	20.0	800
FSM-80085	M8. 0x85	57	50/500	29.0	800
FSM-10065	M10x65	20	50/500	40.0	1300
FSM-10075	M10x75	37	50/500	46.0	1300
FSM-10102	M10x102	64	50/500	57.0	1300

Round Head

Order Code	Anchor Size	Fastener Material Up To	Qty. Per Box / Ctn	Weight 100 / 1000 pcs	Pull Out Load (Kg)
RSM-65032	M6. 5x32	17	100/1000	8.0	600
RSM-65050	M6. 5x50	22	100/1000	11.5	600
RSM-65070	M6. 5x70	42	100/1000	15.0	600

Type	Order Code	Anchor Size	Fastener Material Up To	Qty. Per Box / Ctn	Weight 100 / 1000 pcs	Pull Out Load (Kg)
ACORN NUT	SAI-14138	1/4X1-3/8	3/8	100/1000	11.4	600
ACORN NUT	SAI-14214	1/4X2-1/4	1-1/4	100/1000	15.0	600
HEX NUT	SAI-25112	5/16X1-1/2	1/2	100/1000	20.4	654
HEX NUT	SAI-25212	5/16X2-1/2	1-1/2	100/1000	28.6	654
HEX NUT	SAI-38178	3/8X1-7/8	5/8	50/500	36.3	1218
HEX NUT	SAI-38300	3/8X3	1-3/4	50/500	49.0	1218
HEX NUT	SAI-12214	1/2X2-1/4	3/4	25/250	70.8	2163
HEX NUT	SAI-12234	1/2X2-3/4	1-1/4	25/250	84.0	2163
HEX NUT	SAI-12400	1/2X4	2-1/2	25/250	99.9	2163
HEX NUT	SAI-12600	1/2X6	4-1/2	25/125	156.0	2163
HEX NUT	SAI-58214	5/8X2-1/4	1/4	25/250	120.0	2800
HEX NUT	SAI-58300	5/8X3	1	10/100	145.0	2800
HEX NUT	SAI-58414	5/8X4-1/4	2-1/4	10/100	182.0	2800
HEX NUT	SAI-58534	5/8X5-3/4	3-3/4	10/100	232.0	2800
HEX NUT	SAI-34212	3/4X2-1/2	1/2	10/100	227.0	4327
HEX NUT	SAI-34414	3/4X4-1/4	1-3/4	5/50	318.0	4327
HEX NUT	SAI-34614	3/4X6-1/4	3-3/4	5/50	427.0	4327
FLAT HEAD	FS-14200	1/4X2	1	100/1000	11.4	600
FLAT HEAD	FS-14300	1/4X3	2	100/1000	15.4	600
FLAT HEAD	FS-14400	1/4X4	3	100/1000	20.0	600
FLAT HEAD	FS-14514	1/4X5-1/4	4-1/4	100/1000	25.4	600
FLAT HEAD	FS-38234	3/8X2-3/4	1-1/4	50/500	36.3	1218
FLAT HEAD	FS-38400	3/8X4	2-1/2	50/500	40.0	1218



- **Material : carbon steel .**
- The screws of the anchor have been manufactured under the DIM-933 standard and their quality-hardness is 6.8 (i.e.60 to 80 kg / mm)
- The washer is wide , which gives a bigger allowance for pieces or structures to be fastened .
- While performing the fixing of the anchor , the plastic part or ring gets deformed , which fills and blocks the hole of the piece or structure to be fastened ; this plastics absorbs material irregularities , and-in addition-it is a useful damp-proof piece to protece the inner mechanism of the anchor .
- Any screw head available as your requirement .
- The cone has some grooves (milling) in order to prevent the anchor from loose or spin movement after fixing into the hole and ready to expansion .



Code	Size	Drill Drameter	Minimun hole depth	Max fixture thickness	Length pipe	Pull Out Load (Kgf)
AFHT08C	M - 6 x 4.5	8	43	2	30	500
AFHT08L	M - 6 x 6.0	8	43	15	45	500
AFHT10C	M - 8 x 6.0	10	55	5	41	800
AFHT10L	M - 8 x 8.0	10	55	15	62	800
AFHT12C	M - 10 x 7.0	12	70	2	48	1200
AFHT12L	M - 10 x 10.0	12	70	25	75	1200
AFHT16C	M - 12 x 8.0	16	80	2	55	2400
AFHT16L	M - 12 x 11.0	16	80	25	87	2400
AFHT20C	M - 16 x 11.0	20	90	15	82	3600
AFHT25C	M - 20 x 13.0	25	105	25	100	4800
AFHE08C	M - 6 x 4.5	8	43	2	30	500
AFHE10C	M - 8 x 6.0	10	55	5	41	800
AFHE10L	M - 8 x 8.0	10	55	25	62	800
AFHE12C	M - 10 x 7.0	12	70	2	48	1200
AFHE12L	M - 10 x 10.0	12	70	25	75	1200
AFHA08C	M - 6 x 4.5	8	43	2	30	80
AFHA10C	M - 8 x 6.0	10	55	5	41	150
AFHA12C	M - 10 x 7.0	12	70	2	48	300
AFHA16C	M - 12 x 8.0	16	80	2	55	600
AFHG08C	M - 6 x 4.5	8	43	5	30	80
AFHG10C	M - 8 x 6.0	10	55	6	41	150
AFHG12C	M - 10 x 7.0	12	70	10	48	300
AFHG16C	M - 12 x 8.0	16	80	20	55	600



Screw (HT)



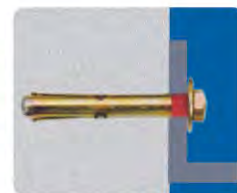
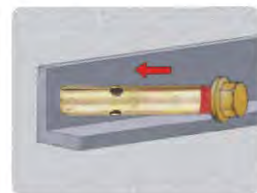
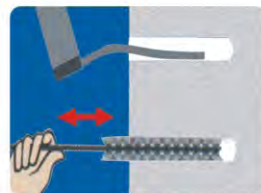
Bolt Projecting (HE)



Eye (HA)



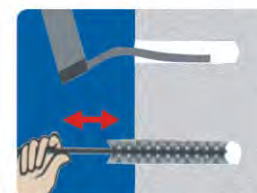
Hook (HG)



- **Material : carbon steel .**
- Preassembled for quick and easy installation , can be used in thin sections of concrete of masonry .
- Head styles for every application .
- The test values listed were obtained using C20-C30 concrete (no aggregate) . A safe working load shuold not exceed 25% of stated values .



Order Code	Thread Size	Anchor Size	Sleeve Length	Weight kgs per 1000pcs	Pull Out Load (Kgf)
SA01	W3/16 M5	3/16x1-5/8"L (M5x40L)	Φ 6.5x30.5L	9.50	400
SA02	W1/4 M6	1/4x2"L (M6x50L)	Φ 8.0x33L	18.26	600
SA03	W5/16 M8	5/16x2-1/2"L (M8x65L)	Φ 10.0x40L	35.93	1000
SA04	W5/16 M8	5/16x3"L (M8x75L)	Φ 10.0x55L	39.93	1000
SA05	W3/8 M10	3/8x2-1/2"L (M10x65L)	Φ 12.7x38L	52.31	1500
SA06	W3/8 M10	3/8x3"L (M10x75L)	Φ 12.7x51L	55.50	1500
SA07	W1/2 M12	1/2x3"L (M12x75L)	Φ 16.0x45L	104.00	2300
SA08	W1/2 M12	1/2x3-1/2"L (M12x90L)	Φ 16.0x55L	116.00	2300
SA09	W1/2 M12	1/2x4"L (M12x100L)	Φ 16.0x65L	130.00	2300
SA10	W5/8 M16	5/8x4"L (M16x100L)	Φ 19.0x55L	210.00	3000
SA11	W3/4 M20	3/4x5-1/2"L (M20x140L)	Φ 23.0x85L	436.00	4500



- Material : carbon steel .
- Available to make all types of Hex coupling , Round Coupling and Reducing Nuts , can be installed with Sleeve Anchor , Wedge Anchor and All Thread Rod , etc .
- All kinds of Coupling Nuts are produced by Cold Forging with Auto-Tapping which increases the strength of nuts and production capacity reaches 3 million pcs per month .



HEX TYPE INCH SIZE

Order Code	Thread Size	Across Flat (mm)	Length	Weight Kgs / ml
10060025	#10-24	5/16	3/4	5.3
20070030	1/4-20	3/8	7/8	8.3
20070035	1/4-20	7/16	7/8-1-3/4	13.6~26.6
30100040	3/8-16	1/2	1-1~1/8	14.2~16.0
30110045	3/8-16	9/16	1-1/8~3/4	25.2~37.8
35100050	7/16-14	1/4 1-1/4	1-1~3/4	24.6~41.4
40140055	1/2-13	11/16	1-1/2-1~3/4	43.0~51.5
50140065	5/8-11	13/16	1-1/2~2-1/8	55.4~78.5
60140100	3/4-10	1	1-1/2	134.4
70240120	7/8-9	1-1/4	2-1/2	259.2
A0240120	1/8	1-1/4	2-1/2	210.9
05200080	M5-P0.8	8.0	20~25	5.6~7.0
06150100	M6-P1.0	10.0	15~50	6.9~22.9
08200110	M8-P1.25	11.0	20~50	8.9~22.3
08250130	M8-P1.25	13.0	25~50	18.8~37.5
10250170	M10-P1.5	17.0	25~50	34.1~68.2
12300190	M12-P1.75	19.0	30~50	52.5~87.5

ROUND TYPE METRIC SIZE

Order Code	Thread Size	Across Flat (mm)	Length	Weight Kgs / ml
04150070	M4-P0.7	7.0	15~20	2.0~4.0
05200080	M5-P0.8	8.0	20~25	4.9~6.1
06100100	M6-P1.0	10.0	10~50	4.0~20.4
08150110	M8-P1.25	11.0	15~50	5.7~19.0
10200130	M10-P1.5	13.0	20~50	9.5~24.3
12200150	M12-P1.75	15.0	20~60	11.6~34.9

- Material : carbon steel .
- Studs in stainless steel and yellow zinc plated steel .
- Heavy duty fixing without radial influence of expansion forces can be used close to edges .
- Accurate drill depth is necessary .
- Fully loadable after the prescribed hardening-setting time .



Order Code	Stud Size	Max Thickness Fastened	Hole Size	Hole Depth	Box Qth / Pcs	Pull Out Load (Kgf)
CAM-08	M8X110	16	10	80	20	1050
-10	M10X130	22	12	90	10	1400
-12	M12X160	30	14	110	10	2000
-16	M16X190	38	18	125	5	2900
-20	M20X260	70	25	170	5	5300
-24	M24X300	65	28	210	5	7700
-30	M30X380	70	35	280	5	12300
CAI-25	5/16X4-1/2	3/4	3/8	3-3/8"	20	1050
-30	3/8X5	1	7/16	3-5/8"	10	1400
-40	1/2X6-1/4	1-1/4	9/16	3-9/16"	10	2000
-50	5/8X7-1/2	1-3/4	3/4	6"	5	2900
-60	3/4X10-1/4	2-3/4	7/8	7-1/2"	5	5300
-70	7/8X11-3/4	3-3/4	1	8-1/2"	5	6000
-80	1X11-3/4	2-1/2	1-1/8	8-1/2"	5	8000
-100	1-1/4X14-1/8	2	1-7/16	11-1/2"	5	12500



Concrete Screw

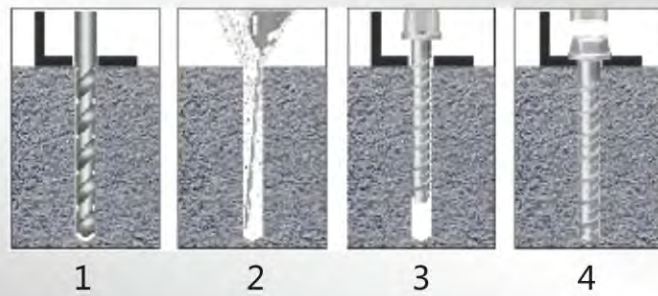


- Strong & Fast!
- Close to Edge Installation!
- Removable!



Concrete screws are reliable fastening elements with capacities that can be easily installed. This screw comes in various of sizes and styles allowing you to remove it without damaging the base materials after installation as well as installing it close to edges. They are the perfect fasteners for quickly anchoring objects to the concrete. Strong and Fast.

Installation ▶



▶▶ HEX FLANGE HEAD CONCRETE SCREW



- Material : carbon steel .**
- Easy pivoting , owing to special thread .
 - Small edge and space distances .
 - One piece non-expansion fixing anchor for close to edge fixing .
 - Save time , easily installed : Installs in less than half the time of wedge anchors or adhesive anchors .
Simply drill a pilot hole and drive the LDT anchor by havnd or impact .
 - Easily removed : No torching or grinding required to remove anchors .
 - Surface treatment : plain , yellow , blue zinc plated , dacrotized plated .



Type	Dia (mm)	L (mm)	Drill (mm)	W (mm)	Per Box	Pull Out Load (Kgf)	Thread Length (mm)
06030	6.5	30	6.5	10	100	250	21
06045	6.5	45	6.5	10	100	440	36
06050	6.5	50	6.5	10	100	640	41
06075	6.5	75	6.5	10	100	640	66
06100	6.5	100	6.5	10	100	640	80
06120	6.5	120	6.5	10	100	640	80
08050	8	50	8	15	50	680	42
08060	8	60	8	15	50	760	52
08065	8	65	8	15	50	760	57
08075	8	75	8	15	50	760	67
08100	8	100	8	15	50	840	80
10060	10	60	10	17	50	890	52
10075	10	75	10	17	50	1120	67
10100	10	100	10	17	25	1120	92
10120	10	120	10	17	25	1120	100
10125	10	125	10	17	25	1120	100
10140	10	140	10	17	20	1120	100
10150	10	150	10	17	20	1120	100
10160	10	160	10	17	20	1120	100
10200	10	200	10	17	15	1120	100
10240	10	240	10	17	15	1120	100
10280	10	280	10	17	15	1410	100
12075	12	75	12	19	20	1950	67
12100	12	100	12	19	20	1950	92
12130	12	130	12	19	20	1950	120
12150	12	150	12	19	20	1950	120
12170	12	170	12	19	20	2200	120
12190	12	190	12	19	10	2200	120
12210	12	210	12	19	10	2200	120
12230	12	230	12	19	10	2200	120
12250	12	250	12	19	10	2200	120
12290	12	290	12	19	10	2200	120
12310	12	310	12	19	10	2200	120
14080	14	80	14	22	10	1530	72
14115	14	115	14	22	10	2120	107
14135	14	135	14	22	10	2120	120
14160	14	160	14	22	10	2120	120
16090	16	90	16	27	10	1950	82
16100	16	100	16	27	10	1950	82
16130	16	130	16	27	10	2700	122
16150	16	150	16	27	10	2700	142
16180	16	180	16	27	10	2700	150
16200	16	200	16	27	10	2700	150
16240	16	240	16	27	5	2700	150
16280	16	280	16	27	5	2700	150
16320	16	320	16	27	5	2700	150



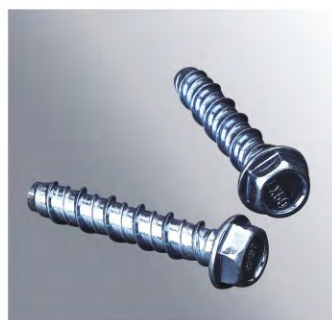
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HEX FLANGE HEAD CONCRETE SCREW

Material : carbon steel .

- Easy pivoting .
- Small edge and space distances .
- One piece non-expansion fixing anchor for close to edge fixing .
- Save time , easily installed : Installs in less than half the time of wedge anchors or adhesive anchors .
- Simply drill a pilot and drive the LDT anchor by havnd or impact .
- Easily remoned : No torching or grinding required to remove anchors .
- Surface treatment : plain , yellow , blue zinc plated , dacrotized plated .



Type	Dia (mm)	L (mm)	Drill (mm)	W (mm)	Per Box	Pull Out Load (Kgf)	Thread Length (mm)
14134	1/4	1-3/4	1/4	3/8	100	440	1.4
14234	1/4	2-3/4	1/4	3/8	100	640	2.4
14300	1/4	3	1/4	3/8	100	640	2.6
38300	3/8	3	3/8	9/16	50	1120	2.6
38400	3/8	4	3/8	9/16	50	1120	3
38500	3/8	5	3/8	9/16	50	1120	3
38600	3/8	6	3/8	9/16	50	1120	3
12300	1/2	3	1/2	3/4	25	2000	2.5
12400	1/2	4	1/2	3/4	20	2000	3.5
12500	1/2	5	1/2	3/4	20	2000	4
12600	1/2	6	1/2	3/4	20	2000	4
12800	1/2	8	1/2	3/4	20	2000	4
12120	1/2	12	1/2	3/4	10	2200	4
12130	1/2	13	1/2	3/4	10	2200	4
12140	1/2	14	1/2	3/4	10	2200	4
12150	1/2	15	1/2	3/4	10	2200	4
58400	5/8	4	5/8	15/16	10	2200	3.5
58500	5/8	5	5/8	15/16	10	2200	4.5
58600	5/8	6	5/8	15/16	10	2200	5
58612	5/8	6-1/2	5/8	15/16	10	2200	5
58800	5/8	8	5/8	15/16	10	2700	5
34400	3/4	4	3/4	1-1/8	10	2700	3.4
34500	3/4	5	3/4	1-1/8	10	2700	4.4
34600	3/4	6	3/4	1-1/8	10	2700	5.4
34700	3/4	7	3/4	1-1/8	10	2700	6
34812	3/4	8-1/2	3/4	1-1/8	10	2700	6
34100	3/4	10	3/4	1-1/8	5	2700	6

LIGHT-DUTY TYPE



Material : carbon steel .

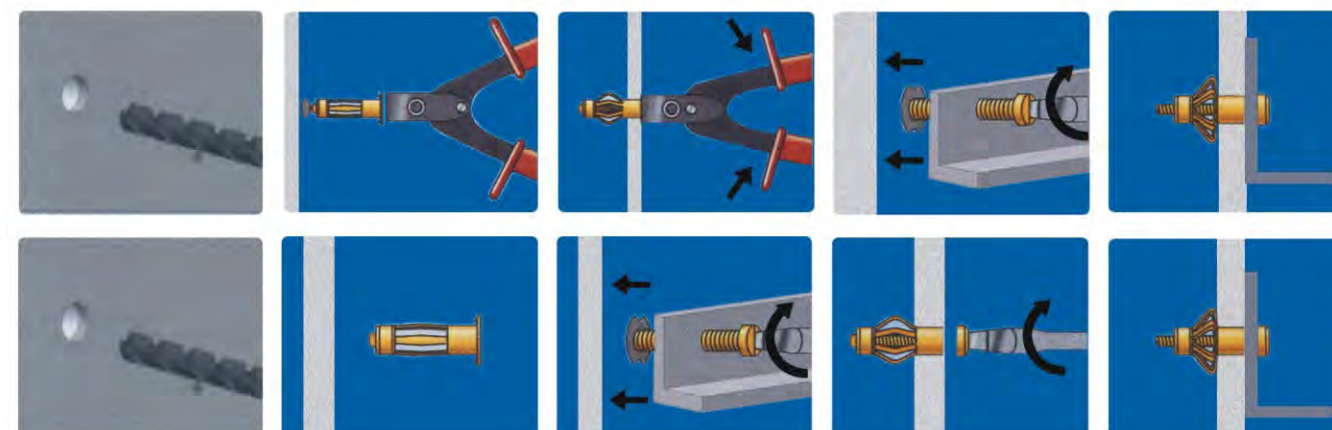
- Hollow wall Anchors securely fasten mirrors , pictures , cabinets , curtain-drapes-shelf brackets , bathroom fixtures , to hollow walls , wallboard , hollow tile , etc . Fixtures can be removed or replaced for redecorating without disturbing the Hollow Wall Anchors .



Order Code	Anchor Size (mm) (Inch)	Anchor Length	Grip Range (mm)	Screw (mm) (Inch)	Screw Length	Pull Out Load (Kgf)
HW-405	4X21 (1/8XS)	20	UP-4	M4 (6#-32)	28	30
HW-409	4X32(1/8S)	32	3-9	M4 (6#-32)	41	
HW-416	4X38	38	8-15	M4	47	
HW-422	4X46(1/8SL)	46	3-20	M4 (6#-32)	54	
HW-423	4X46(1/81)	46	16-21	M4 (6#-32)	54	
HW-425	4X54	54	18-28	M4	61	45
HW-427	4X59(1/8XL-1)	60	34-38	M4 (6#-32)	67	
HW-427	4X59(1/8XL-2)	60	24-34	M4 (6#-32)	67	
HW-510	5X37	37	6-13	M5	45	
HW514	5X52(3/16S)	52	3-16	M5 (10#-24)	60	
HW-527	5X65(3/16L)	65	14-32	M5 (10#-24)	74	53
HW-545	5X80(3/16XL)	80	28-45	M5 (10#-24)	89	
HW-610	6X37	37	6-13	M6	45	
HW-614	6X52(1/4S)	52	3-16	M6 (1/4-20)	60	
HW-627	6X65(1/4L)	65	14-32	M6 (1/4-20)	74	
HW-645	6X80(1/4XL)	80	28-45	M6 (1/4-20)	88	65
HW-810	8X37	37	6-13	M8	45	
HW-814	8X52	52	3-16	M8	65	
HW-827	8X65	65	14-32	M8	75	
HW-845	8X80	80	28-45	M8	90	



Order Code	Anchor Size (mm) (Inch)	Anchor Length	Grip Range (mm)	Screw (mm) (Inch)	Screw Length	Weight Kgs / Ctn	Pull Out Load (Kgf)
HWD-1301	1/8XSD	20	UP-4	6#-32	35	25	30
HWD-1302	1/8SD	32	3-9	6#-32	46	25	
HWD-1304	1/8SLD	46	3-20	6#-32	59	25	
HWD-1305	1/8LD	46	16-21	6#-32	59	25	



TOGGLE BOLTS

- Heavy gauge wings .
- Durable wire spring .
- Easy tightening under load no bilding on screw .
- Any screw head available as your requirement .
- The test values listed were obtained using C20-C30 concrete (no aggregate) .
- A safe working load should not exceed 25% of stated values .



Order Round Code	Bolt Size	Drill Size	Box / Ctn (Pcs)	Weight kgs per 1000 pcs	Pull Out Load (Kg)
TB-1802	1/8x2	3/8	100/500	5.6	130
TB-1803	1/8x3	3/8	100/500	6.8	
TB-1804	1/8x4	3/8	100/500	9.0	
TB-3162	3/16x2	1/2	50/250	14.8	200
TB-3163	3/16x3	1/2	50/250	18.1	
TB-3164	3/16x4	1/2	50/200	22.7	
TB-3165	3/16x5	1/2	50/200	25.0	350
TB-3166	3/16x6	1/2	50/200	28.4	
TB-1403	1/4x3	5/8	50/200	29.5	
TB-1404	1/4x4	5/8	50/200	34.0	500
TB-1405	1/4x5	5/8	50/200	38.6	
TB-1406	1/4x6	5/8	50/200	43.1	
TB-5163	5/16x3	7/8	25/100	59.0	650
TB-5164	5/16x4	7/8	25/100	63.6	
TB-5165	5/16x5	7/8	25/100	72.6	
TB-5166	5/16x6	7/8	25/100	81.7	800
TB-3803	3/8x3	7/8	25/100	72.6	
TB-3804	3/8x4	7/8	25/100	81.7	
TB-3805	3/8x5	7/8	25/100	90.8	
TB-3806	3/8x6	7/8	25/100	104.0	
TB-1203	1/2x3	1-1/4	25/25	168.0	
TB-1204	1/2x4	1-1/4	25/25	191.0	
TB-1206	1/2x6	1-1/4	25/25	227.0	

TOOGGLE WING ONLY

Order Round Code	Bolt Size	Drill Size	Box / Ctn (Pcs)	Weight kgs per 1000 pcs	Pull Out Load (Kg)
TW-180	1/8	3/8	100/1000	4.5	100
TW-360	3/16	1/2	100/1000	9.0	200
TW-140	1/4	5/8	100/1000	13.6	350
TW-516	5/16	7/8	50/500	31.8	500
TW-380	3/8	7/8	50/500	31.8	650
TW-120	1/2	1-1/4	50/500	86.0	800

GRAVITY / SPRING TOGGLE ANCHOR

- **Material : carbon steel .**
- Heavy gauge wings is high capacity true design .
- For fixing to cavity walls and ceiling of low stuctural strenght .
- Any screw head and wing available as your requirement .
- A safe working load should not exceed 25% of stated value .



Order Code	Screw Size	Drill Dia (Φ)	Weight Kgs / 1000
AF30	M6x80	16	40.4
AF31	M6x100	16	48.6
AF32	M6x100	16	49.2
AF33	M6x100	16	49.5



Oval Headed Screw (AF 30)



Threaded Bar (AF 31)



Closed Eye (AF 32)



Open Eye (AF 33)

Order Code	Screw Size	Drill Dia (Φ)	Weight Kgs / 1000
AF41	M4x100	12	16.8
AF42	M4x100	12	18.0
AF43	M4x100	12	18.5
AF44	M4x100	12	18.0



Oval Headed Screw (AF 41)



Threaded Bar (AF 42)



Closed Eye (AF 43)



Open Eye (AF 44)

- Material : carbon steel .
- One piece expansion anchor reusable .
- Anchor size is drill size , no hole spotting , fast to drill and set .
- For great tensile strength and hardness , it is given two heat treatment .
- With the two sheared and pre-expanded halves of the anchor , exerting a tremendous gripping force in wall of hole .
- Any head available has your requirement .



Order Code	Anchor Size	Max. Fastened Thickness	Box / Ctn (Pcs)	Pull Out Load (Kgf)
SD-316100-F	3/16x1	1/8	100/500	600
SD-316112-F	3/16 -1/2	1/2	100/500	600
SD-316200-F	3/16x2	1	100/500	600
SD-316212-F	3/16x2-1/2	1-1/2	100/500	600
SD-14112-F	1/4x1-1/2	1/2	100/500	1000
SD-14200-F	14X2	1	100/500	1000
SD-14212-F	14X2-1/2	1-1/2	100/500	1000
SD-14300-F	1/4X3	2	100/500	1000
SD-14312-F	1/4X3-1/2	2-1/2	100/500	1000
SD-14400-F	1/4X4	3	100/500	1000

SCREW PLUG

- It's ideal to be used for building materials . It can be used temperature (-40 — +80°C) , rust , corrosion , aging , and chemical affect . Meanwhile it's good at electric insulation , tensibility , and high pressure . The structure designed with gear can prevent itself sliding in the hole .



Order Code	Anchor Size	Drill Size	Screw Size	Box / Ctn (Pcs)	Pull Out Load (Kgf)
SP0525	5x25	Φ5	Φ2.5-4	100/1000	30
SP0630	6x30	Φ6	Φ3.5-5	100/1000	55
SP0735	7x35	Φ7	Φ4.0-5	100/1000	70
SP0840	8x40	Φ8	Φ4.5-6	100/1000	85
SP1050	10x50	Φ10	Φ6.0-8	100/1000	140
SP1260	12x60	Φ12	Φ8.0-10	100/1000	200



- Material : carbon steel .
- TIE WIRE ANCHOR is quick to install & easily set by pulling back with claw hammer .
- Strong holding power specifically designed to protect anchorage point in concrete ceiling .
- Suitable for : suspended ceiling & lightweight suspension . Hanging overhead signs .



Order Code	Anchor Size	Drill Dia	Eye Size	Min Embedment	Pull Out Load (Kgf)
WAI-60	M6x60L	6.0	6.3	35	480
WAI-220	1/4x2-1/4L	1/4	9/32	1-1/8	550
WAI-203	1/4x2-1/32L	1/4	9/32	1-1/8	550
WAI-210	1/4x2-1/8L	1/4	9/32	1-1/8	550
WAI-230	1/4x2-1/4	1/4	9/32	1-1/8	550



- For fixing of concrete , solid bricks , perforated bricks , hollow blocks .
- The fixing are manufactured from the same highgrade are quality-monitored polyimide (nylon) which is also used for the frame fixings with general building inspectorate approval .
- Any screw head available as your requirement .
- Preassembled for quick and easy installation . High holding power .



Order Code	Screw Size	Sleeve Size	Drill Dia (Φ)	Weight Kgs / 1000	Box / Ctn (Pcs)
AF1001	M4x40	Φ 9x39	9	10.2	100/1000
AF1002	M5x45	Φ 12x43	12	19	100/1000
AF1101	M4x40	Φ 9x39	9	9.6	100/1000
AF1102	M5x45	Φ 12x43	12	18	100/1000
AF1201	M4x40	Φ 9x39	9	8	100/1000
AF1202	M5x45	Φ 12x43	12	13.5	100/1000



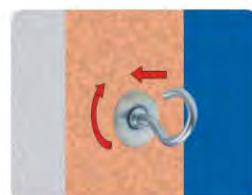
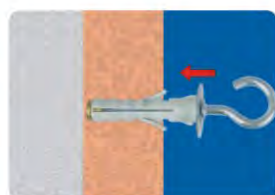
Closed Eye (AF 10)



Open Eye (AF 11)



Oval Head Screw (AF 12)



- **Material : carbon steel .**
- For fixing of concrete , solid bricks , perforated bricks , hollow blocks .
- Any screw head available as your requirement .
- Preassembled for quick and easy installation . High holding power .



Order Code	Screw Size	Sleeve Size	Drill Dia (Φ)	Weight Kgs / 1000	Box / Ctn (Pcs)
AF2001	M5x80	Φ 9x36	9	27.8	100/1000
AF2101	M5x64	Φ 9x36	9	20.8	100/1000
AF2201	M4x42	Φ 8x34	8	13.0	100/1000
AF2202	M5x46	Φ 9x36	9	20.8	100/1000
AF2301	M4x42	Φ 8x34	8	12.6	100/1000
AF2302	M5x46	Φ 9x36	9	17.2	100/1000
AF2401	M4x46	Φ 8x34	8	8.8	100/1000
AF2402	M5x46	Φ 9x36	9	13.0	100/1000

Medium hook and other form can be manufactured as customer's requirements .



Dual Screw (AF 20)



Dual Screw (AF 21)



Closed Eye (AF 22)



Open Eye (AF 23)



Oval Headed Screw (AF 24)

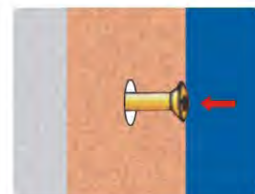
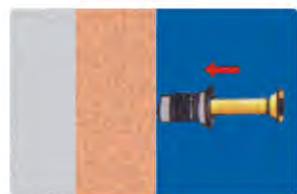


Medium Hook

- For fixing of concrete , solid bricks , perforated bricks , hollow blocks .
- The fixings are manufactured from the same highgrade and .
- Quality -monitored polyimide (nylon) which is also used for the frame fixings with general building inspectorate approval . The material is temperature resistant -40°C ~ +80°C .
- Preassembled for quick and easy installation . High holding power .



Order Code	Nail Screw	Drill	Min. Drill-Hole Depth With Push-Through Assembly	Min-Anchor Age Depth	Plug Length	Max. Useful Length	Box / Ctn (Pcs)	Pull Out Load (Kg)
N5X30Z	3.5x38	5	45	25	30	5	100/1000	100
N5X40Z	3.5x48	5	55	25	40	15	100/1000	
N5X50Z	3.5x58	5	65	25	50	25	100/1000	
N6X40Z	4x48	6	55	30	40	10	100/1000	120
N6X60Z	4x68	6	75	30	60	30	100/1000	
N6X80Z	4x88	6	95	30	80	50	100/1000	
N8X60Z	5x68	8	75	40	60	20	50/500	170
N8X80Z	5x88	8	95	40	80	40	50/500	
N8X100Z	5x108	8	115	40	100	60	50/500	
N8X120Z	5x128	8	135	40	120	80	50/500	



- Nylon Nail Anchors are ideal for a wide variety of light load fastening in wood , hardboard , plaster , metal , cinder block , brick , slate , marble , plastic , tile , glass and concrete . It's unique design allows the nail to expand the anchor uniformly in the hole .



Order Code	Anchor Size	Box / Ctn (Pcs)	Pull Out Load (Kg)	Order Code	Anchor Size	Box / Ctn (Pcs)	Pull Out Load (Kg)
NR 525	5.0X25	100/1000	10	NR15100	3/16X1	100/1000	10
NR 540	5.0X40	100/1000	15	NR15150	3/16X1-1/2	100/1000	15
NR6225	6.5X25	100/1000	25	NR20100	1/4X1	100/1000	25
NR6540	6.5X40	100/1000	25	NR20150	1/4X1-1/2	100/1000	25
NR6550	6.5X50	100/1000	25	NR20200	1/4X2	100/1000	25

Order Code	Anchor Size	Box / Ctn (Pcs)	Pull Out Load (Kg)	Order Code	Anchor Size	Box / Ctn (Pcs)	Pull Out Load (Kg)
NM520	5.0X20	100/1000	10	NM15075	3/16X3/4	100/1000	10
NM525	5.0X25	100/1000	15	NM15100	3/16X1	100/1000	15
NM540	5.0X40	100/1000	15	NM15150	3/16X1-1/2	100/1000	15
NM6520	6.5X20	100/1000	25	NM20075	1/4X3/4	100/1000	25
NM6525	6.5X25	100/1000	25	NM20100	1/4X1	100/1000	25
NM6540	6.5X40	100/1000	25	NM20150	1/4X1-1/2	100/1000	25
NM6550	6.5X50	100/1000	25	NM20200	1/4X2	100/1000	25
NM6575	6.5X75	100/1000	25	NM20300	1/4X3	100/1000	25

Order Code	Anchor Size	Box / Ctn (Pcs)	Pull Out Load (Kg)	Order Code	Anchor Size	Box / Ctn (Pcs)	Pull Out Load (Kg)
NF520	5.0X20	100/1000	10	NF15075	3/16X3/4	100/1000	10
NF525	5.0X25	100/1000	15	NF15100	3/16X1	100/1000	15
NF540	5.0X40	100/1000	25	NF15150	3/16X1-1/2	100/1000	25
NF6520	6.5X20	100/1000	25	NF20075	1/4X3/4	100/1000	25
NF6525	6.5X25	100/1000	25	NF20100	1/4X1	100/1000	25
NF6540	6.5X40	100/1000	25	NF20150	1/4X1-1/2	100/1000	25
NF6550	6.5X50	100/1000	25	NF20200	1/4X2	100/1000	25
NF6575	6.0X75	100/1000	25	NF20300	1/4X3	100/1000	25
NF65100	6.0X100	100/1000	25	NF20400	1/4X4	100/1000	25





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NYLON PVC ANCHOR

- The plastic toggle anchor can be applied in paneling, wallboard and solid masonry. In solid base materials, the anchor can be used by removing the outer wings. The plastic toggle anchor is designed to develop a triangulated clamp behind the wall of the hollow basematerial.



PLASTIC TOGGLE ANCHORS

Order Code	Wall Thickness to be fastened	Hole Size	Box / Ctn (Pcs)
APT6	1/8-1/4(3-6mm)	5/16(8mm)	100/1000
APT13	3/8-1/2(9-13mm)	5/16(8mm)	100/1000
APT19	5/8-3/4(16-19mm)	5/16(8mm)	100/1000

PLASTIC WALL PLUG (P.V.C)



- The Plastic Wall Plug is designed for light duty fastening applications. It is injection molded from a ductile plastic and is designed to be used with sheet metal or wood screws. Longitudinal ribs on the anchor body prevent it from turning during tightening of the screw. This inexpensive plastic screw anchor comes color-coded by diameter for easy applications where holding power is not a critical factor. It should not be used overhead.

Order Code	Color O.D	Length (mm)	Length	Box / Ctn (Pcs)
APW0425	yellow Φ 4	25	1	100/1000
APW0525	white Φ 5	25	1	100/1000
APW0535	white Φ 5	35	1-3/8	100/1000
APW0625	red Φ 6	25	1	100/1000
APW0630	red Φ 6	30	1-3/16	100/1000
APW0635	red Φ 6	35	1-3/8	100/1000
APW0650	red Φ 6	50	2	100/1000
APW0725	green Φ 7	25	1	100/1000
APW0730	green Φ 7	30	1-3/16	100/1000
APW0735	green Φ 7	35	1-3/8	100/1000
APW0750	green Φ 7	50	2	100/1000
APW0825	blue Φ 8	25	1	100/1000
APW0835	blue Φ 8	35	1-3/8	100/1000
APW0850	blue Φ 8	50	2	100/1000
APW0855	blue Φ 8	55	2-3/16	100/1000
APW1035	orange Φ 10	35	1-3/8	50/500
APW1050	orange Φ 10	50	2	50/500
APW1060	orange Φ 10	60	2-18	50/500

PLASTIC CONICAL ANCHORS



- The Plastic Conical Anchor is a plastic anchor designed for use with lightweight fixtures. It can be used in concrete, block, brick and wallboard. It is injection molded from an engineered Plastic and is designed to be used in conjunction with a sheet metal or wood screw.

Order Code	O.D	Length Inch
APC05060	5	3 / 4
APC06700	6	7 / 8
APC08100	8	1
APC10130	10	1-3/8

NYLON (METAL) FRAME ANCHOR



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- The frame anchors for window and door frames.
- For fixing of plastic, wood, aluminum window and door frames to concrete, brick, hollow block and chequer brick. Yellow Zinc plated passivated steel screw with special pozi.
- Drive head adapted to receive push-in caps of various colors, Cap colors: white, dark brown, gray.

NYLON STYLE

- Tapered expansion nut made from fiberglass reinforced nylon.
- High grade nylonsleeve fitting with steel wood screw and colors cap.

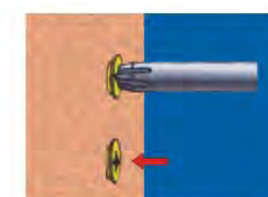
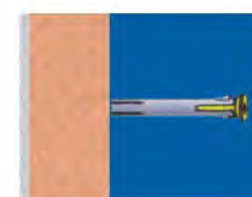


Order Code	Anchor Size	Drill (Φ)	Sleeve Length (L)	Machine Screw	Drill Hole Depth	Fixing Length Max	Box / Ctn (Pcs)	Weight Kgs per 1000 pcs
NF-08100	Φ 8x100	8	100	M5x110	50	60	50/500	16.3
NF-08140	Φ 8x140	8	140	M5x150	90	60	50/500	23.4
NF-10075	Φ 10x75	10	75	M6x80	15	70	50/500	17.4
NF-10100	Φ 10x100	10	100	M6x110	40	70	50/500	23.9
NF-10120	Φ 10x120	10	120	M6x130	60	70	50/250	29.3
NF-10140	Φ 10x140	10	140	M6x150	80	70	50/250	34.9
NF-10165	Φ 10x165	10	165	M6x175	105	70	50/250	41.2

METAL STYLE



Order Code	Anchor Size	Drill (Φ)	Sleeve Length (L)	Machine Screw	Drill Hole Depth	Fixing Length Max	Box / Ctn (Pcs)	Weight Kgs per 1000 pcs
MF-08072	Φ 8x72	8	72	M5x85	50	42	100/500	21.0
MF-08092	Φ 8x92	8	92	M5x105	50	62	100/500	26.6
MF-08112	Φ 8x112	8	112	M5x125	50	82	100/500	31.8
MF-08132	Φ 8x132	8	132	M5x145	50	102	100/500	35.6
MF-08172	Φ 8x172	8	152	M5x182	50	142	100/500	45.2
MF-10072	Φ 10x172	10	72	M6x85	50	40	100/500	33.0
MF-10092	Φ 10x92	10	92	M6x105	50	60	100/500	39.0
MF-10112	Φ 10x112	10	112	M6x125	50	80	100/500	46.0
MF-10132	Φ 10x132	10	132	M6x145	50	100	100/500	53.0
MF-10152	Φ 10x152	10	152	M6x165	50	140	100/500	59.0
MF-10182	Φ 10x182	10	182	M6x195	50	150	50/250	68.0
MF-10202	Φ 10x202	10	202	M6x215	50	165	50/250	75.0
MF-10232	Φ 10x232	10	232	M6x245	50	195	25/125	86.0



ZINC ALLOY TYPE



▶▶ HAMMER DRIVE ANCHOR



- **Material : body zinc alloy .**
- Hammer Drive ANCHOR is a fast , easy-to-use expansion anchor made of special Zinc Alloy . The Nailing design eliminates the necessity for holespotting , develops substantial holding power , makes the bottom of anchor expanded and the fixture tightly locked in place .
- The test values listed were obtained using C20-C30 concrete (no aggregate) .
- A safe working load should not exceed 25% of stated values .



ZINC ALLOY TYPE

Order Code	Anchor Size	Max Fastened Thickness	Box / Ctn (Pcs)	Weight Kgs / 1000	Pull Out Load (Kgf)
HD-316078	3/16X7/8	1/4	100/1600	4.6	230
HD-14034	1/4X3/4	3/16	100/1600	7.3	270
HD-14100	1/4X1	1/4	100/1600	9.0	330
HD-14114	1/4X1-1/4	1/2	100/1000	10.5	370
HD-14112	1/4X1-1/2	3/4	100/1000	11.8	430
HD-14200	1/4X2	1-1/4	100/1000	15.0	520
HD-14212	1/4X2-1/2	1-1/4	100/1000	16.0	580
HD-14300	1/4X3	1-1/4	50/500	18.9	640
HD-0522	M5X22	6	100/1600	4.6	240
HD-0630	M6X30	12	100/1000	10.5	350
HD-0640	M6X40	18	100/1000	11.8	410
HD-0650	M6X50	28	100/1000	15.0	500
HD-0665	M6X65	32	100/1000	16.0	560

▶▶ LEAD WOOD SCREW SHIELDS

- **Material : Body zinc alloy .**
- Lead wood screw anchors can be used in solid masonry and concrete , ideal for shallow hold anchoring-as it expands , lead flows into any irregularities in hole , making incorrect setting difficult .
- The test values listed were obtained using 200-250 kgs / cm² concrete (no aggregate) .
- A safe working load should not exceed 25% of stated value .



Order Code	Anchor Size	Dia.	Box / Ctn (Pcs)	Weight kgs / 1000	Pull Out Load (Kgf)
WS6806	6-8X3/4	1/4	100/1000	5.6	60
WS6810	6-8X1	1/4	100/1000	6.8	70
WS6814	6-8 x 1-1/2	1/4	100/1000	9.0	90
WS1006	10-14x 3/4	5/16	100/1000	6.5	160
WS1010	10-14x1	5/16	100/1000	9.0	160
WS1014	10-14 x1-1/2	5/16	100/1000	13.6	200
WS1610	16-18x1	3/8	25/250	10.0	260
WS1614	16-18 x 1-1/2	3/8	25/250	20.4	260

- Material : body zinc alloy ; nail carbon steel & stainless steel .
- Can be used in all types of masonry from concrete to brick .
- Unique four-way expansion assures a tight grip even in out-of-round holes .
- Short style for hard masonry , long style for soft .
- Rust-proof .
- The test values listed were obtained using C20-C30 concrete (no aggregate) .
- A safe working load should not exceed 25% of stated valies .

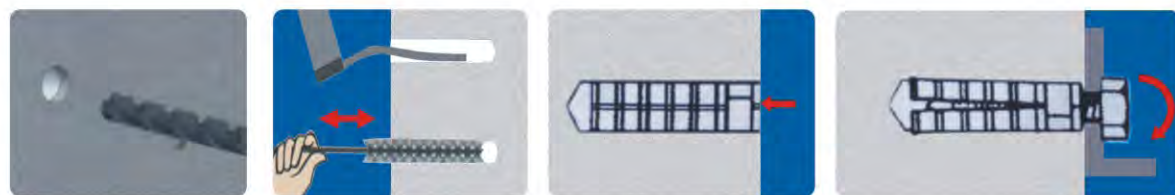


SHORT TYPE

Order Code	Anchor Size	Drill Dia	Box / Ctn (Pcs)	Weight kgs / 1000	Pull Out Load (Kgf)
LS20	1/4	1/2	50/500	13.6	250
LS25	5/16	1/2	50/500	13.6	440
LS30	3/8	5/8	50/500	30.6	640
LS40	1/2	3/4	50/500	42.0	1240
LS50	5/8	7/8	25/125	59.0	1280
LS60	3/4	1	25/125	72.6	1640

LONG TYPE

Order Code	Anchor Size	Drill Dia	Box / Ctn (Pcs)	Weight kgs / 1000	Pull Out Load (Kgf)
LL20	1/4	1/2	50/500	18.0	310
LL25	5/16	1/2	50/500	23.8	620
LL30	3/8	5/8	50/500	43.0	1100
LL40	1/2	3/4	50/500	64.7	1670
LL50	5/8	7/8	25/125	100.0	1730
LL60	3/4	1	25/125	111.0	2020

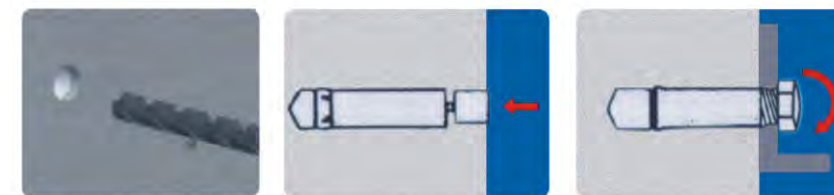


- Material : body lead pin zinc alloy ; nail carbon steel & stainless steel .
- The machine screw anchor was the original mechanical anchor design .
- The malleable lead shield allows for secure mounting .
- The test values listed were obtained using C20-C30 concrete (no aggregate) .
- A safe working load should not exceed 25% of stated values .



Setting punch

Order Code	Thread Size	Drill Dia	Min Depth	Box / Ctn (Pcs)	Weighti kgs / 1000	Pull Out Load (Kg f)	Setting Tool	Weightl kgs / 1000
MS06	6-32	5/16	1/2	100/1000	4.54	160	ST6	31.8
MS08	8-32	5/16	1/2	100/1000	4.54	190	ST8	31.8
Ms10	10-24	3/8	5/8	100/1000	9.00	270	ST10	31.8
MS20	1/4-20	1/2	7/8	100/1000	20.70	480	ST14	77.2
MS25	5/16-18	5/8	1	50/250	35.00	620	ST56	127.0
MS30	3/8-16	3/4	1-1/4	50/250	64.00	990	ST38	195.0
MS40	1/2-13	7/8	1-1/2	50/250	86.00	1220	ST12	300.0
MS50	5/8-11	1-1/8	2	50/50	177.0	1590	ST58	513.0
MS60	3/4-10	1-1/4	2-1/4	50/50	250.0	2310	ST34	6 30.0



Pipe Fittings ▼



Automotive Parts ▼



NON -STANDARD PARTS



Anchor Wedge ▼



Bike Fittings ▼



Bike Hollow Bolt ▼



1 / 4 - 1 / 2 Shallow & Deep Sockets ▼



Ningbo Anchor adopts multi-cold forging forming machine with CNC auto-lathe & secondary production equipment , so we are able to afford high level and precise business .

Dimension Range

Bolt Forming Machine : $\phi 2 \times 3L$ - $\phi 30 \times 250 L$

Nut Forming Machine : $\phi 3 \times 3 L$ - $\phi 42 \times 100 L$

CONSTRUCTION & FIXINGS



NINGBO ANCHOR FASTENERS INDUSTRIAL CO., LTD. (B)



NINGBO ANCHOR FASTENERS INDUSTRIAL CO., LTD. (A)



ZHEJIANG TOOLKING HARDWARE & TOOLS CO., LTD.



NINGBO HANGYI AUTOMOTIVE PARTS CO., LTD.



NINGBO ZHEN RUI HARDWARE TOOLS CO., LTD.

