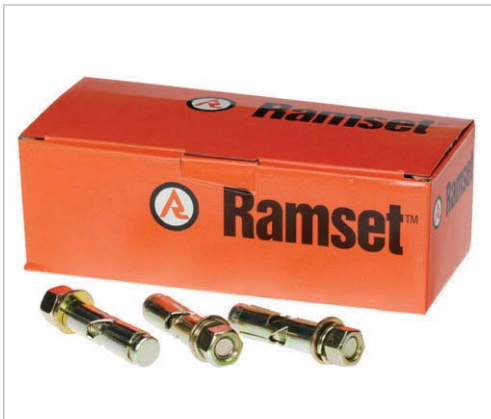


## DynaBolt™ Sleeve Anchors



### The unique design of DynaBolt™

Twists, shortens and pulls down to increase holding power. For medium duty anchoring of timber and steel fixtures to concrete.

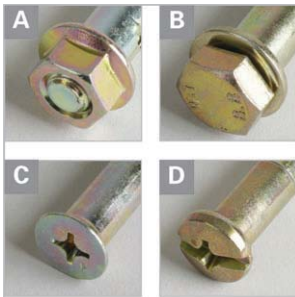
### Product Advantages

- Through fixing - no marking out and repositioning
- Fully assembled
- Variety of head styles
- Unique sleeve design collapses during tightening to provide pull down onto fixture
- Integral nut and washer
- Finished head anchors, bolt can be easily removed

### Substrates

- Concrete
- Solid block
- Solid brick

### Head Styles



- A. Hex Nut
- B. Hex Bolt
- C. Countersunk Head
- D. Round Head

### Specification

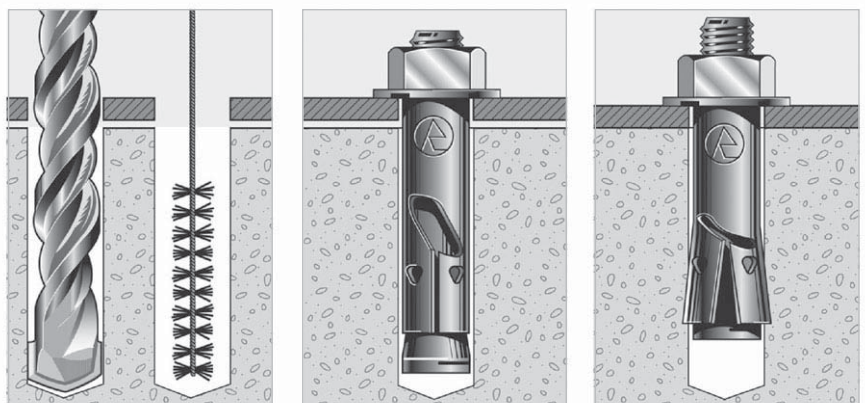
DynaBolt™ is a patented design sleeve anchor with the unique ability to “pulldown” and ensure a tight and secure anchoring of the fixture.

### Typical Applications



- Timber to concrete, formwork, battens, bottom plates
- Services – Ductwork, pipe brackets, cable trays, suspended ceilings
- Metalwork – Signs, handrails, gates
- Light to medium duty loading

### Installation



1. Drill correct diameter hole to recommended depth for the DynaBolt™ selected.
2. Remove debris from hole by blowing out with compressed air or hand held blow out pump.
3. Insert anchor through fixture and tap in until washer contacts fixture.
4. Tighten bolt with a torque wrench to the recommended tightening torque for the DynaBolt™ selected.

# MEDIUM DUTY ANCHORS

## DynaBolt™ Sleeve Anchor Hex Nut - Zinc Cobalt Plated



Part No.	Description	Thread Ø	Max Fixture Thickness (mm)	Hole Ø (mm)	Fixture Hole Diameter (mm)	Min Hole Depth (mm)	Order Qty
7C-DP06-040V	DP06040 Dynabolt 6x40mm	M4.5	10	6	8	45	100
7C-DP06-060V	DP06060 Dynabolt 6x60mm	M4.5	30	6	8	45	100
7C-DP08-040V	DP08040 Dynabolt 8x40mm	M6	8	8	10	45	100
7C-DP08-065V	DP08065 Dynabolt 8x65mm	M6	30	8	10	50	50
7C-DP08-090V	DP08090 Dynabolt 8x90mm	M6	55	8	10	50	50
7C-DP10-040V	DP10040 Dynabolt 10x40mm	M8	7	10	12	50	50
7C-DP10-050V	DP10050 Dynabolt 10x50mm	M8	10	10	12	50	50
7C-DP10-075V	DP10075 Dynabolt 10x75mm	M8	35	10	12	65	50
7C-DP10-100V	DP10100 Dynabolt 10x100mm	M8	60	10	12	65	25
7C-DP10-125V	DP10125 Dynabolt 10x125mm	M8	85	10	12	65	25
7C-DP12-060V	DP12060 Dynabolt 12x60mm	M10	12	12	15	65	25
7C-DP12-070V	DP12070 Dynabolt 12x70mm	M10	20	12	15	65	25
7C-DP12-100V	DP12100 Dynabolt 12x100mm	M10	50	12	15	65	20
7C-DP12-125V	DP12125 Dynabolt 12x125mm	M10	75	12	15	65	20
7C-DP16-065V	DP16065 Dynabolt 16x65mm	M12	14	16	19	65	20
7C-DP16-110V	DP16110 Dynabolt 16x110mm	M12	59	16	19	70	10
7C-DP16-140V	DP16140 Dynabolt 16x140mm	M12	89	16	19	70	10
7C-DP20-080V	DP20080 Dynabolt 20x80mm	M16	20	20	24	70	10
7C-DP20-115V	DP20115 Dynabolt 20x115mm	M16	52	20	24	70	5
7C-DP20-160V	DP20160 Dynabolt 20x160mm	M16	96	20	24	70	5

## DynaBolt™ - Zinc Cobalt Plated - Indicative Design Loads in Concrete

Anchor Size (mm)	Thread Ø	Anchor Depth (mm)	Torque (Nm)	Anchor Spacing (mm)	Edge Distance (mm)	Shear Load (kN)*	Tension Load (kN)*
6	M4.5	25	7	75	25	1.8	1.7
8	M6	30	9	80	30	4.2	3.0
10	M8	34	20	100	30	7.6	4.2
12	M10	44	40	105	35	12.0	6.8
16	M12	46	70	120	40	17.4	7.2
20	M16	50	150	150	50	32.3	8.1

# Indicative design load (kN) in 30N/mm<sup>2</sup> concrete

\* Refer to Ramset Design Guide for more information or explanation of technical data

## DynaBolt™ Plus Sleeve Anchor Hex Nut - Stainless Steel Grade A4



Part No.	Description	Max Fixture Thickness (mm)	Thread Ø	Hole Ø (mm)	Fixture Hole Diameter (mm)	Min Hole Depth (mm)	Order Qty
7D-DP06-040S-SV	DP06040SS Dynabolt S/S 6x40mm	8	M4.5	6	8	35	100
7D-RABB	DP06060SS Dynabolt S/S 6x60mm	27	M4.5	6	8	35	100
7D-DP08-040S-SV	DP08040SS Dynabolt S/S 8x40mm	8	M6	8	10	45	100
7D-DP08-065S-SV	DP08065SS Dynabolt S/S 8x65mm	30	M6	8	10	45	50
7D-DP10-050S-SV	DP10050SS Dynabolt S/S 10x50mm	8	M8	10	12	50	50
7D-DP10-075S-SV	DP10075SS Dynabolt S/S 10x75mm	35	M8	10	12	50	50
7D-DP10-100S-SV	DP10100SS Dynabolt S/S 10x100mm	62	M8	10	12	50	25
7D-DP12-060S-SV	DP12060SS Dynabolt S/S 12x60mm	3	M10	12	15	65	25
7D-DP12-070S-SV	DP12070SS Dynabolt S/S 12x70mm	18	M10	12	15	65	25
7D-DP12-100S-SV	DP12100SS Dynabolt S/S 12x100mm	46	M10	12	15	65	20
7D-DP12-125S-SV	DP12125SS Dynabolt S/S 12x125mm	74	M10	12	15	65	20

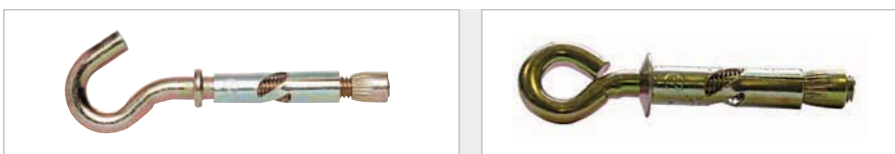
## DynaBolt™ - Stainless Steel Grade A4 - Indicative Design Loads in Concrete

Anchor Size (mm)	Thread Ø	Anchor Depth (mm)	Torque (Nm)	Anchor Spacing (mm)	Edge Distance (mm)	Shear Load (kN)*	Tension Load (kN)*
6	M4.5	25	10	75	25	1.8	1.7
8	M6	30	20	90	30	4.2	2.4
10	M8	34	40	105	35	7.8	3.4
12	M10	35	70	105	35	12.0	3.8

# Indicative design load (kN) in 30N/mm<sup>2</sup> concrete

\* Refer to Ramset Design Guide for more information or explanation of technical data

## DynaBolt™ Specials



Part No.	Description	Thread Diameter	Overall Anchor Length (mm)	Hole Ø (mm)	Fixture Hole Diameter (mm)	Min Hole Depth (mm)	Order Qty
7C-D080-45KV	D08045K Hookbolt Anchor	M6	31	8	-	40	100
7C-D080-45XV	D08045X Eyebolt Anchor	M6	40	8	-	45	100