



Product Description

The Parawedge™ from Cobra is parabolically curved for a smoother expansion, it also has a torque controlled expansion and can be installed into a bottomless hole. It is cold formed to increase its strength and has a 360-degree clip for more contact. Three head styles available: hex nut, tie wire and tie dow. More than 39 sizes available and two types of material: Carbon steel and 304 Stainless steel. Approvals: UL.. Underwriters Laboratory - File #EX 4687

Features & Benefits

- ▶ Parabolic curve for a smoother expansion
- ▶ 360 degree clip for more contact surface, thus stronger
- ▶ Three head styles available: hex nut, tie wire and tie down
- ▶ Torque controlled expansion
- ▶ Can be installed into bottomless hole
- ▶ Length identification mark stamped on the head of the anchor
- ▶ Cold formed for increased strength
- ▶ Available sizes are from: 1/4"x1-3/4" to 1-1/4" x 12"

Perfect for:



Architectural facades ,Ornamental fixtures , Railings ,Satellite dishes ,Signs etc...

Packaging:



Parawedge™



Product sizes & Materials

Plated Steel

1/4" x 1-3/4"	5/8" x 8-1/2"
1/4" x 2-1/4"	5/8" x 10"
1/4" x 3-1/4"	5/8" x 12"
3/8" x 2-1/4"	3/4" x 4-1/4"
3/8" x 2-3/4"	3/4" x 4-3/4"
3/8" x 3"	3/4" x 5-1/2"
3/8" x 3-3/4"	3/4" x 6-1/4"
3/8" x 5"	3/4" x 7"
3/8" x 6-1/2"	3/4" x 8-1/2"
1/2" x 2-3/4"	3/4" x 10"
1/2" x 3-3/4"	3/4" x 12"
1/2" x 4-1/4"	7/8" x 6"
1/2" x 5-1/2"	7/8" x 8"
1/2" x 7"	7/8" x 10"
1/2" x 8-1/2"	1" x 6"
1/2" x 10"	1" x 9"
5/8" x 3-1/2"	1" x 12"
5/8" x 4-1/2"	1-1/4" x 9"
5/8" x 5"	1-1/4" x 12"
5/8" x 6"	
5/8" x 7"	

Suitable Base Materials

- ▶ Concrete
- ▶ Brick
- ▶ Hollowed or solid concrete blocks





Parawedge™



Load Capacities

Material	Size	Drill Size	Min. Embedment	Installation Torque Ft -Lbs	Thread Length	PULL MAX lbs	PULL SAFE lbs	SHEAR MAX lbs	SHEAR SAFE lbs	PULL MAX kg	PULL SAFE kg	SHEAR MAX kg	SHEAR SAFE kg
Concrete 3000 PSI	1/4" x 1-3/4"	1/4"	1-1/8"	10	3/4"	2710	678	1742	436	1229	307	790	198
	1/4" x 2-1/4"	1/4"	1-1/8"	10	1-1/4"	3304	826	1829	457	1499	375	830	207
	1/4" x 3-1/4"	1/4"	1-1/8"	10	2-1/4"	3898	975	1916	479	1768	442	869	217
	3/8" x 2-1/4"	3/8"	1-5/8"	30	1-1/8"	3534	884	3086	772	1603	401	1400	350
	3/8" x 2-3/4"	3/8"	1-5/8"	30	1-1/2"	3534	884	3086	772	1603	401	1400	350
	3/8" x 3"	3/8"	1-5/8"	30	1-3/4"	4119	1030	3240	810	1868	467	1470	367
	3/8" x 3-3/4"	3/8"	1-5/8"	30	2-1/2"	4119	1030	3240	810	1868	467	1470	367
	3/8" x 5"	3/8"	1-5/8"	30	3-1/2"	4704	1176	3395	849	2134	533	1540	385
	3/8" x 6-1/2"	3/8"	1-5/8"	30	3"	4704	1176	3395	849	2134	533	1540	385
	1/2" x 2-3/4"	1/2"	2-1/4"	60	1-1/2"	6836	1709	6232	1558	3101	775	2827	707
	1/2" x 3-3/4"	1/2"	2-1/4"	60	2-1/4"	6836	1709	6232	1558	3101	775	2827	707
	1/2" x 4-1/4"	1/2"	2-1/4"	60	2-3/4"	7704	1926	6543	1636	3494	874	2968	742
	1/2" x 5-1/2"	1/2"	2-1/4"	60	3-1/4"	7704	1926	6543	1636	3494	874	2968	742
	1/2" x 7"	1/2"	2-1/4"	60	4"	8572	2143	6855	1714	3888	972	3109	777
	1/2" x 8-1/2"	1/2"	2-1/4"	60	3"	8572	2143	6855	1714	3888	972	3109	777
	1/2" x 10"	1/2"	2-1/4"	60	3"	8572	2143	6855	1714	3888	972	3109	777
	5/8" x 3-1/2"	5/8"	2-7/8"	70	1-1/2"	8007	2002	8233	2058	3632	908	3734	934
	5/8" x 4-1/2"	5/8"	2-7/8"	70	2-1/2"	8007	2002	8233	2058	3632	908	3734	934
	5/8" x 5"	5/8"	2-7/8"	70	3"	9238	2310	8645	2161	4190	1048	3921	980
	5/8" x 6"	5/8"	2-7/8"	70	4"	9238	2310	8645	2161	4190	1048	3921	980
	5/8" x 7"	5/8"	2-7/8"	70	4"	10470	2618	9056	2264	4749	1187	4108	1027
	5/8" x 8-1/2"	5/8"	2-7/8"	70	3"	10470	2618	9056	2264	4749	1187	4108	1027
	5/8" x 10"	5/8"	2-7/8"	70	3"	10470	2618	9056	2264	4749	1187	4108	1027
	5/8" x 12"	5/8"	2-7/8"	70	3"	10470	2618	9056	2264	4749	1187	4108	1027
	3/4" x 4-1/4"	3/4"	3-3/8"	120	2"	11338	2835	12138	3035	5143	1286	5506	1376
	3/4" x 4-3/4"	3/4"	3-3/8"	120	2-1/2"	11338	2835	12138	3035	5143	1286	5506	1376
	3/4" x 5-1/2"	3/4"	3-3/8"	120	3-1/4"	11338	2835	12138	3035	5143	1286	5506	1376
	3/4" x 6-1/4"	3/4"	3-3/8"	120	4"	15309	3827	12745	3186	6944	1736	5781	1445
	3/4" x 7"	3/4"	3-3/8"	120	4"	15309	3827	12745	3186	6944	1736	5781	1445
	3/4" x 8-1/2"	3/4"	3-3/8"	120	3"	19280	4820	13351	3338	8745	2186	6056	1514
3/4" x 10"	3/4"	3-3/8"	120	3"	19280	4820	13351	3338	8745	2186	6056	1514	
3/4" x 12"	3/4"	3-3/8"	120	3"	19280	4820	13351	3338	8745	2186	6056	1514	



Installation instructions

1. Drill an appropriate size hole into base material.
2. Using an air pump, remove dust from the hole.
3. Insert the Parawedge™ through the object you need to afix and with the help of a hammer, tap the Parawedge™ into the hole.
4. Hand tighten, the using a wrench, turn clockwise until there is a strong resistance (3 to 5 turns will fully set the anchor).

Tools required

