

D-350 TAPER-LOCK END ANCHOR DISC

PRODUCT DESCRIPTION:

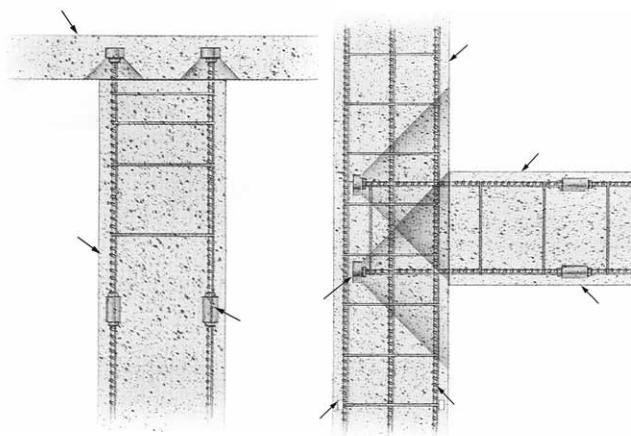
The D-350 Taper-Lock End Anchor Discs simplify rebar splicing in areas where rebar congestion prevents the use of long lap splices or large diameter hooked rebar. The D-350 Taper-Lock End Anchor Discs can be used for end anchoring, stirrup replacements, continuous splicing, and heavy anchorage of light standards and other signage.

PRODUCT FEATURES AND BENEFITS:

- Eliminates rebar congestion and aids in concrete placement
- Eliminates the need for hooked rebar
- Reduces engineering design time
- Provides Type 2 splicing capacities ($160\% F_y$) and simplifies load paths
- Improves safety related issues on the job site by reducing protruding dowels
- Conforms to ASTM A-970, ACI, Cal Trans, IBC 2006 and Ministries of Transportation for Ontario and Quebec
- Develops full strength with hand-tighten installation

PRODUCT SPECIFICATIONS:

- Extension of Taper-Lock product line
- Accommodates rebar sizes #4 through #18
- Available in Plain or Epoxy
- Type 2 Splice ($160\% F_y$)
- Minimum Net Headed Bearing Area of 9Ab
- ICC Approval - pending



PRODUCT CODES - D-350 TAPER-LOCK END ANCHOR

US	Bar Size		Made in the USA (Black) ASTM A311 Grade 1144	Made in the USA (Epoxy) ASTM A311 Grade 1144	(Black) ASTM A576 Grade 1045	(Epoxy) ASTM A576 Grade 1045
	Metric (mm)	CN (m)				
#4	[13]	[10]	127940	128017	128221	128332
#5	[16]	[15]	127941	128018	128222	128333
#6	[19]	[20]	127942	128019	128223	128334
#7	[22]	-	127943	128020	128224	128335
#8	[25]	[25]	127944	128021	128225	128336
#9	[29]	[30]	127945	128022	128226	128337
#10	[32]	-	127946	128023	128227	128338
#11	[36]	[35]	127947	128024	128228	128339
#14	[43]	[45]	127948	128025	128229	128340
#18	[57]	[55]	127949	128026	128230	128341

HOW TO ORDER :

SPECIFY:

1. Quantity
2. Name
3. Rebar size
4. Finish
5. Made in USA requirement

EXAMPLE:

1. 500 pieces
2. D-350 Taper-Lock® End Anchor Disc
3. #6
4. Black
5. Made in USA not required

D-351 TAPER-LOCK END ANCHOR DISC

PRODUCT DESCRIPTION:

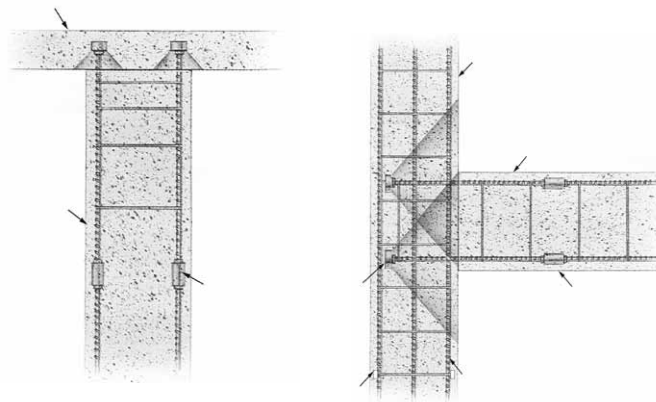
The D-351 Taper-Lock End Anchor Discs simplify rebar splicing in areas where rebar congestion prevents the use of long lap splices or large diameter hooked rebar. The D-351 Taper-Lock End Anchor Discs can be used for end anchoring, stirrup replacements, continuous splicing, and heavy anchorage of light standards and other signage.

PRODUCT FEATURES AND BENEFITS:

- Eliminates rebar congestion and aids in concrete placement
- Eliminates the need for hooked rebar
- Reduces engineering design time
- Provides Type 2 splicing capacities ($160\% F_y$) and simplifies load paths
- Improves safety related issues on the job site by reducing protruding dowels
- Conforms to ASTM A-970, ACI, Cal Trans, IBC 2006 and Ministries of Transportation for Ontario and Quebec
- Develops full strength with hand-tighten installation

PRODUCT SPECIFICATIONS:

- Extension of Taper-Lock product line
- Accommodates rebar sizes #4 through #18
- Available in Plain or Epoxy
- Type 2 Splice ($160\% F_y$)
- Minimum Net Headed Bearing Area of 4Ab
- ICC Approval - pending



PRODUCT CODES - D-351 TAPER-LOCK END ANCHOR

Bar Size			Made in USA (Black) ASTM A311 Grade 1144	Made in the USA (Epoxy) ASTM A311 Grade 1144	(Black) ASTM A576 Grade 1045	(Epoxy) ASTM A576 Grade 1045
US	Metric (mm)	CN (m)				
#4	[13]	[10]	128430	128420	128375	128440
#5	[16]	[15]	128431	128421	128376	128441
#6	[19]	[20]	128432	128422	128377	128442
#7	[22]	-	128433	128423	128378	128443
#8	[25]	[25]	128434	128424	128379	128444
#9	[29]	[30]	128435	128425	128380	128445
#10	[32]	-	128436	128426	128381	128446
#11	[36]	[35]	128437	128427	128382	128447
#14	[43]	[45]	128438	128428	128383	128448
#18	[57]	[55]	128439	128429	128384	128449

HOW TO ORDER :

SPECIFY:

1. Quantity
2. Name
3. Rebar size
4. Finish
5. Made in USA requirement

EXAMPLE:

1. 500 pieces
2. D-350 Taper-Lock® End Anchor Disc
3. #6
4. Black
5. Made in USA not required

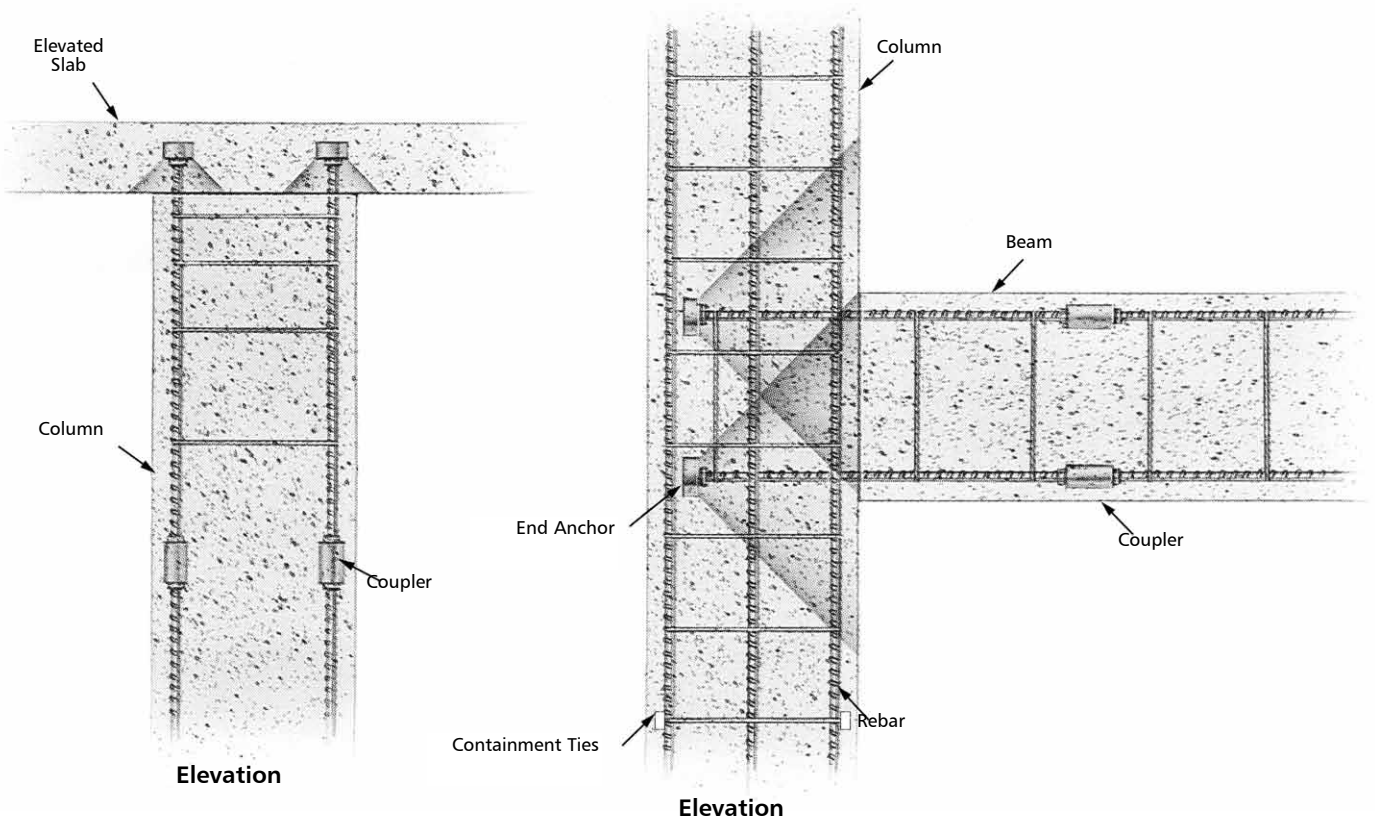
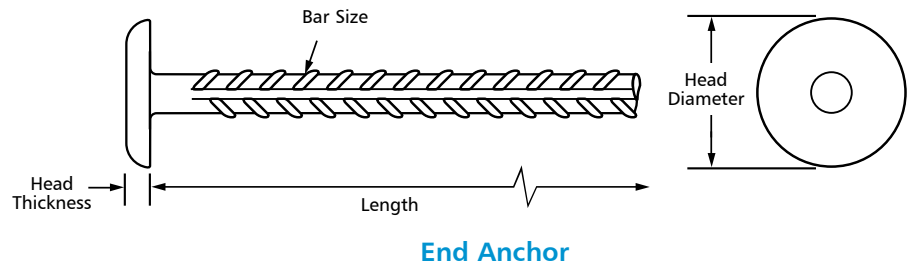
End Anchorage System

The Dayton Superior End Anchorage System is designed to simplify rebar splicing in areas where rebar congestion prevents use of long lap splices or large diameter hooked rebar. The system is designed around a single forge-headed unit in rebar sizes #4 through #11 and is available in various configurations to satisfy numerous applications.

The Dayton Superior End Anchorage System provides a full ductile behavior mode developing ultimate strength capacity of the bars and can be effectively used for end anchoring, stirrup replacements, continuous splicing and heavy anchorage of light standards and other signage.

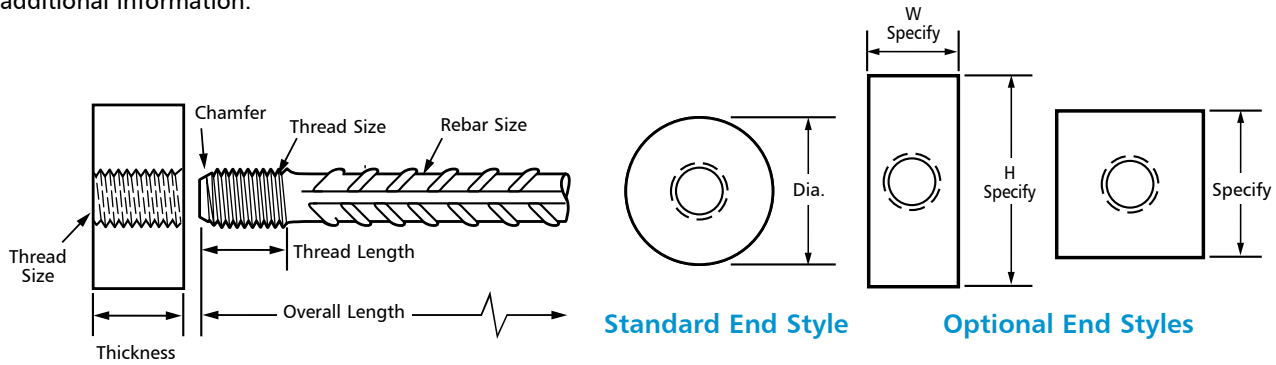
End Anchorage Advantages:

- Eliminates rebar congestion and aids in concrete placement.
- Eliminates the need for hooked rebar.
- Reduces engineering design time.
- Provides ultimate capacities and simplifies load paths.
- Improves safety related issues on the job site by reducing protruding dowels.
- Conforms to ASTM A-970.



D-158 Two-Piece End Anchor

The Dayton Superior D-158 Two-Piece End Anchor consists of a Dowel-In, or splice bar, and a round, square or rectangular anchor plate. The two-piece unit is available in bar sizes #4 through #11 and in various configurations, such as plain, female end, male end and double-ended. The two-piece unit is used effectively for many end anchorage applications where installation restrictions or congestion require the two piece version. The D-158 anchor is available in plain or epoxy coated finish. Alternate anchor plate diameters are available. Contact Dayton Superior Technical Service Department for additional information.



D-158 Two-Piece End Anchor

Bar Size Designation			Thread Size	Thread Length	Bar Area (sq. in.)	Minimum Plate Area (sq. in.)	Minimum Plate Thickness	Available End Sizes (Dia.)	Ultimate Strength*
US	Metric (mm)	CN (M)							
#4	[13]	[10]	5/8"-11 UNC	.875"	.200	2.000	.438"	1.6"	19,200 lbs.
#5	[16]	[15]	3/4"-10 UNC	1.000"	.310	3.100	.500"	2.0"	29,760 lbs.
#6	[19]	[20]	7/8"-9 UNC	1.125"	.440	4.440	.563"	2.4"	42,400 lbs.
#7	[22]	—	1"-8 UNC	1.250"	.600	6.000	.625"	2.8"	57,600 lbs.
#8	[25]	[25]	1-1/8"-8 UN	1.375"	.790	7.900	.625"	3.2"	75,840 lbs.
#9	[29]	[30]	1-1/4"-8 UN	1.500"	1.000	10.000	.688"	3.6"	96,000 lbs.
#10	[32]	—	1-7/16"-8 UN	1.688"	1.270	12.700	.750"	4.0"	121,920 lbs.
#11	[36]	[35]	1-9/16"-8 UN	1.813"	1.560	15.600	.813"	4.5"	149,760 lbs.

*Ultimate Strength based on 160% f_y specified.

**Compatible With All
Dayton Superior Splicing Systems**

To Order:

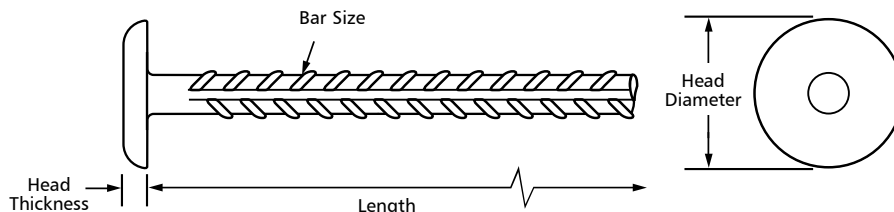
Specify: (1) quantity, (2) name, (3) end style, (4) bar size, (5) overall length.

Example:

500, D-158 Two-Piece End Anchors, female end, #8 bar x 24" overall length.

D-158-B Plain End Anchor

The Dayton Superior D-158-B Plain End Anchor is a one-piece, forged-head anchor available in bar sizes #4 through #11. The D-158-B anchor has a plain end and can be furnished in lengths up to 60 feet in plain or epoxy-coated finish.



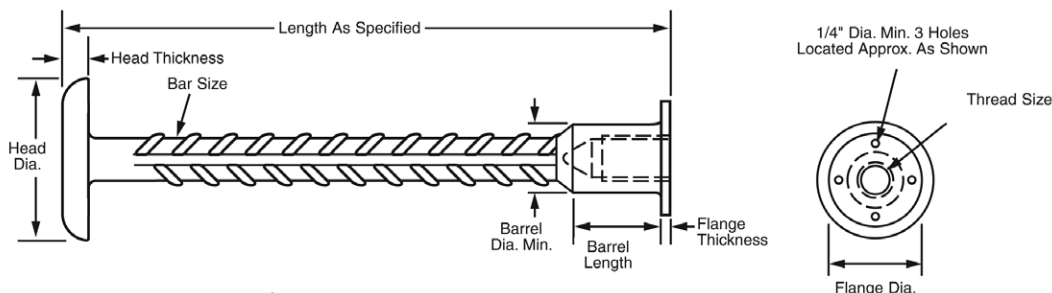
D-158-B Plain End Anchor (Forged Head)

Bar Size Designation			Bar Diameter	Head Diameter	Head Thickness	Ultimate Strength*
US	Metric (mm)	CN (M)				
#4	[13]	[10]	.56"	1.596"	.438"	19,200 lbs..
#5	[16]	[15]	.688"	1.987"	.500"	29,760 lbs..
#6	[19]	[20]	.875"	2.367"	.563"	42,400 lbs..
#7	[22]	—	1.000"	2.764"	.625"	57,600 lbs..
#8	[25]	[25]	1.125"	3.172"	.625"	75,840 lbs..
#9	[29]	[30]	1.250"	3.569"	.688"	96,000 lbs..
#10	[32]	—	1.375"	4.022"	.750"	121,920 lbs..
#11	[36]	[35]	1.500"	4.457"	.813"	149,760 lbs..

*Ultimate Strength based on 160% f_y specified.
Minimum Mfg. Length - 10" overall.

D-158-C Female End Anchor

The Dayton Superior D-158-C Female End Anchor is similar to the plain anchor except that the end is forged into a female end complete with UNC or UN threads and washer face. This version of the end anchor system is used effectively for continuous splicing, heavy anchorage for signs/light standards, etc. The D-158-C anchor is available in bar sizes #4 through #11 in plain or epoxy-coated finish.



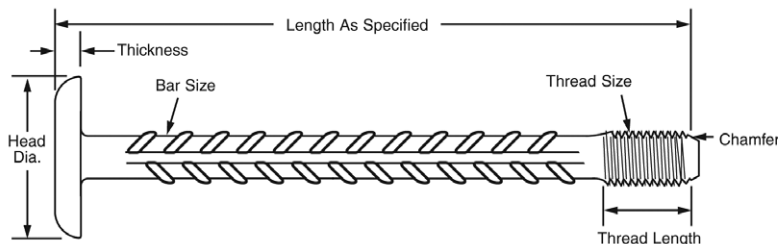
D-158-C Female End Anchor (Forged Head)

Bar Size Designation			Head Diameter	Bar Diameter	Thickness	Thread Size	Thread Length	Ultimate Strength*
US	Metric (mm)	CN (M)						
#4	[13]	[10]	1.596"	.500"	.438"	5/8"-11 UNC	.875"	19,200 lbs..
#5	[16]	[15]	1.987"	.625"	.500"	3/4"-10 UNC	1.000"	29,760 lbs..
#6	[19]	[20]	2.367"	.750"	.563"	7/8"-9 UNC	1.125"	42,400 lbs..
#7	[22]	—	2.764"	.875"	.625"	1"-8 UNC	1.250"	57,600 lbs..
#8	[25]	[25]	3.172"	1.000"	.625"	1-1/8"-8 UNC	1.375"	75,840 lbs..
#9	[29]	[30]	3.569"	1.128"	.688"	1-1/4"-8 UNC	1.500"	96,000 lbs..
#10	[32]	—	4.022"	1.270"	.750"	1-7/16"-8 UNC	1.688"	121,920 lbs..
#11	[36]	[35]	4.457"	1.410"	.813"	1-9/16"-8 UNC	1.813"	149,760 lbs..

*Ultimate Strength based on 160% f_y specified.
Minimum Mfg. Length - 10" overall.

D-158-D Male End Anchor

The Dayton Superior D-158-D Male End Anchor is similar to the D-158-C anchor except that the end is furnished with upsized UNC or UN male threads. The D-158-D anchor is available in bar sizes #4 through #11 in plain or epoxy-coated finish.



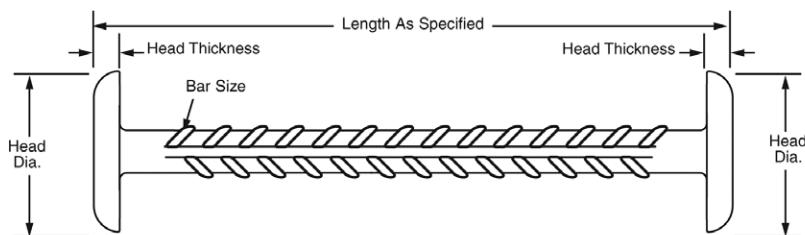
D-158-D Male End Anchor (Forged Head)

Bar Size Designation			Head Diameter	Bar Diameter	Thickness	Thread Size	Thread Length	Ultimate Strength*
US	Metric (mm)	CN (M)						
#4	[13]	[10]	1.596"	.500"	.438"	5/8"-11 UNC	.875"	19,200 lbs..
#5	[16]	[15]	1.987"	.625"	.500"	3/4"-10 UNC	1.000"	29,760 lbs..
#6	[19]	[20]	2.367"	.750"	.563"	7/8"-9 UNC	1.125"	42,400 lbs..
#7	[22]	—	2.764"	.875"	.625"	1"-8 UNC	1.250"	57,600 lbs..
#8	[25]	[25]	3.172"	1.000"	.625"	1-1/8"-8 UNC	1.375"	75,840 lbs..
#9	[29]	[30]	3.569"	1.128"	.688"	1-1/4"-8 UNC	1.500"	96,000 lbs..
#10	[32]	—	4.022"	1.270"	.750"	1-7/16"-8 UNC	1.688"	121,920 lbs..
#11	[36]	[35]	4.457"	1.410"	.813"	1-9/16"-8 UNC	1.813"	149,760 lbs..

*Ultimate Strength based on 160% f_y specified.
Minimum Mfg. Length - 10" overall.

D-158-E Double End Anchor

The Dayton Superior D-158-E Double End Anchor is fabricated with forged heads on both ends of the anchor. The D-158-E anchor can be used effectively in bulkhead areas of heavy rebar congestion. The D-158-E anchor is available in bar sizes #4 through #11 in plain or epoxy-coated finish.



D-158-E Double End Anchor (Forged Head)

Bar Size Designation			Head Diameter	Bar Diameter	Thickness	Ultimate Strength*
US	Metric (mm)	CN (M)				
#4	[13]	[10]	1.596"	.500"	.438"	19,200 lbs..
#5	[16]	[15]	1.987"	.625"	.500"	29,760 lbs..
#6	[19]	[20]	2.367"	.750"	.563"	42,400 lbs..
#7	[22]	—	2.764"	.875"	.625"	57,600 lbs..
#8	[25]	[25]	3.172"	1.000"	.625"	75,840 lbs..
#9	[29]	[30]	3.569"	1.128"	.688"	96,000 lbs..
#10	[32]	—	4.022"	1.270"	.750"	121,920 lbs..
#11	[36]	[35]	4.457"	1.410"	.813"	149,760 lbs..

*Ultimate Strength based on 160% f_y specified.
Minimum Mfg. Length - 10" overall.