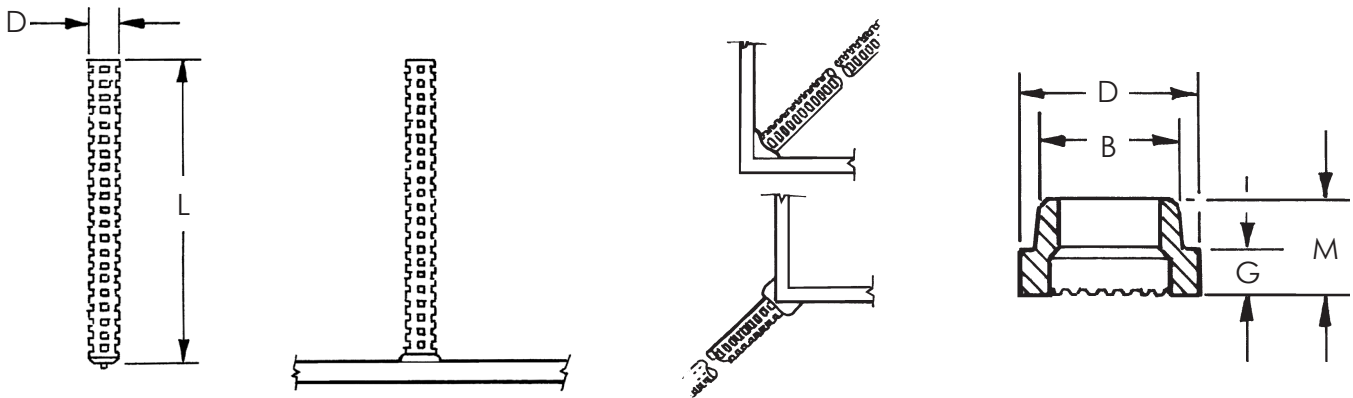


Arc Weld Studs - Concrete Anchors

DBA - DEFORMED BAR ANCHOR - TECHNICAL DETAILS



Stud Specifications		Ferrule Specifications				
D	L	No.	D	B	G	M
3/8	See subsequent page for standard lengths by DBA diameter.	F037-F	.640	.505	.234	.390
1/2		F050-F	.795	.650	.250	.438
5/8		F062-F	1.030	.785	.328	.516
3/4		F075-F	1.218	1.030	.469	.656

Deformed Bar Anchors are designed for weld and bearing plates in concrete connections.

Specifications – DBA's meet AWS Specifications D1.1.

Material – Low carbon steel, ASTM A496

Ferrules – Flat ferrules are provided. For welding to the inside angle and outside angle refer to the next page for ferrule options.

Length – Lengths are listed before welding.

For Stud Diameters (D) 1/2" and smaller the length reduction is roughly 1/8" and for (D) 5/8" and 3/4" the reduction is roughly 3/16".

DBA's can be made in any length above the standard minimum.

Accessories – For a complete list of accessories required with each ferrule type, please see next page.

Mechanical Property Requirements

	Type C
Tensile Strength	80,000 psi min. (552 MPa)
Yield Strength (0.5% offset)	70,000 psi min. (485 MPa)

Type C Studs are cold-worked deformed steel bars manufactured in accordance with specification ASTM A496 having a nominal diameter equivalent to the diameter of a plain wire; having the same weight per foot as the deformed wire. ASTM A496 specifies a maximum diameter of 0.628 in. (16mm). Any bar supplied above that diameter must have the same physical characteristics regarding deformations as required by ASTM A496.



Arc Weld Studs - Concrete Anchors

DBA - DEFORMED BAR ANCHOR - ACCESSORY DETAILS

Deformed Bar Anchor - Accessory Detail						
Stud Diameter	Chuck P/N	Ferrule Type	Ferrule P/N	Foot P/N	Grip P/N	Ferrule Foot Plate P/N (Dual Leg)
1/4	CN-025	Flat	F025-F	B-1C	GC-025	QN-025
		Low Profile	F025-LP	B-1C	GC-025	QN-025
		Heavy Duty	F025-HD	B-1C	GC-037	QN-037
		Inside Angle	F025-IA	B-1C	GD-025	N/A
		Outside Angle	F025-OA	B-1C	GC-025	QN-025
3/8	CN-037	Flat	F037-F	B-1C	GC-037	QN-037
		Low Profile	F037-LP	B-1C	GC-037	QN-037
		Heavy Duty	F037-HD	B-1C	GC-050	QN-050
		Inside Angle	F037-IA	B-1C	GD-037	N/A
		Outside Angle	F037-OA	B-1C	GC-037	QN-037
1/2	CN-050	Flat	F050-F	B-1C	GC-050	QN-050
		Low Profile	F050-LP	B-1C	GC-050	QN-050
		Vertical	F050-V	B-1C	GC-050	QN-050
		Heavy Duty	F050-HD	B-2C	GC-062	QN-062
		Inside Angle	F050-IA25	B-1C	GD-050	N/A
		Inside Angle	F050-IA37	B-1C	GD-050	N/A
5/8	CN-062	Flat	F062-F	B-2C	GC-062	QN-062
		Low Profile	F062-LP	B-2C	GC-062	QN-062
		Vertical	F062-V	B-2C	GC-062	QN-062
		Heavy Duty	F062-HD	B-2C	GC-075	QN-075
		Inside Angle	F062-IA25	B-2C	GD-062	N/A
		Inside Angle	F062-IA37	B-2C	GD-062	N/A
3/4	CN-075	Flat	F075-F	B-2C	GC-075	QN-075
		Low Profile	F075-LP	B-2C	GC-075	QN-075
		Vertical	F075-V	B-2C	GC-075	QN-075
		Inside Angle	F075-IA37	B-2C	GD-075	N/A
		Inside Angle	F075-IA50	B-2C	GD-075	N/A
		Outside Angle	F075-OA	B-2C	GC-075	QN-075



Arc Weld Studs - Concrete Anchors

DBA - DEFORMED BAR ANCHOR - STANDARD SIZES

Specifications			Packaging Detail			Weights - in pounds		
Diameter	Length	SSW Part Number (mild steel)	Pieces Per Box	Boxes Per Pallet	Pieces Per Pallet	Box Weight	Pallet Weight	1,000 Pcs. Weight
D	L							
3/8	10 - 1/8	DBA0371012	150	18	2,700	46	828	307
	12 - 1/8	DBA0371212	150	18	2,700	55	990	367
	18 - 1/8	DBA0371812	150	12	1,800	80	960	533
	24 - 1/8	DBA0372412	150	8	1,200	108	864	720
	30 - 1/8	DBA0373012	150	7	1,050	130	910	867
	36 - 1/8	DBA0373612	150	6	900	156	936	1,040
	48 - 1/8	DBA0374812	150	6	900	208	1,248	1,387
1/2	8 - 1/8	DBA0500812	100	18	1,800	44	792	440
	10 - 1/8	DBA0501012	100	18	1,800	54	972	540
	12 - 1/8	DBA0501212	100	18	1,800	67	1,206	670
	18 - 1/8	DBA0501812	100	12	1,200	98	1,176	980
	24 - 1/8	DBA0502412	100	8	800	128	1,024	1,280
	30 - 1/8	DBA0503012	100	7	700	160	1,120	1,600
	36 - 1/8	DBA0503612	100	6	600	192	1,152	1,920
	48 - 1/8	DBA0504812	100	6	600	256	1,536	2,560
5/8	60 - 1/8	DBA0506012	100	1	100	314	314	3,140
	12 - 3/16	DBA0621218	50	18	900	51	918	1,020
	18 - 3/16	DBA0621818	50	12	600	76	912	1,520
	24 - 3/16	DBA0622418	50	8	400	102	816	2,040
	30 - 3/16	DBA0623018	50	7	350	126	882	2,520
	36 - 3/16	DBA0623618	50	6	300	151	906	3,020
	42 - 3/16	DBA0624218	50	8	400	176	1,408	3,520
3/4	48 - 3/16	DBA0624818	50	6	300	197	1,182	3,940
	12 - 3/16	DBA0751218	40	18	720	60	1,080	1,500
	18 - 3/16	DBA0751818	40	12	480	87	1,044	2,175
	24 - 3/16	DBA0752418	40	8	320	115	920	2,875
	30 - 3/16	DBA0753018	40	6	240	142	852	3,550
	36 - 3/16	DBA0753618	40	6	240	175	1,050	4,375
	42 - 3/16	DBA0754218	40	6	240	205	1,230	5,125
	48 - 3/16	DBA0754818	40	6	240	226	1,356	5,650

For non standard sizes contact Sunbelt Stud Welding.



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