

B		BCH12	44	BCH64-G-8-12	64	BE-9-12-F62	23
B107S	76	BCH12-C1	30	BCH64-L1410	63	BF	
B1508S	67	BCH12-C2	30	BCH64-U-2-4	24	BF1	33
B1512S	67	BCH12-C442	30	BCH64-U-5-8	24	BF1-CT	37
B1516S	67	BCH12-E-2-4	23	BCH64-U-9-12	24	BF1-CT2	37
B1520S	67	BCH12-E-5-8	23	BCK22	89	BF12	34
B1524S	67	BCH12-E-9-12	23	BCK27	89	BF13	34
B1532S	67	BCH12-F3	38	BCK32	89	BF14	33
B1534S	67	BCH12-F4	38	BCL30	90	BF14-CT	37
B1540S	67	BCH12-G-8-12	64	BCL40	90	BF14-CT-R	37
B1548S	67	BCH12-L1410	63	BCL50	90	BF14-CT2	37
B1556S	67	BCH12-U-2-4	24	BCN-10	87	BF2	33
B1564S	67	BCH12-U-5-8	24	BCN-6	87	BF2-CT	37
B1999	68	BCH12-U-9-12	24	BCN-8	87	BF2-CT2	37
B335	75	BCH12-W2	60	BCS40	90	BF3	33
B335-1	75	BCH12-W6	60	BCS50	90	BF4	33
B444-M10	26	BCH21	44	BD		BFA-1215	22
B444-M6	26	BCH21-2S	44	BD8	47	BFA-1520	22
B444-M8	26	BCH21-3S	44	BDC-107112	66	BFB-810	69
B477	76	BCH21-4S	44	BDC-113118	66	BFN-10	73
B478	76	BCH21-AB	60	BDC-125130	66	BFN-6	73
B54-AL-6	73	BCH21-C1	30	BDC-132137	66	BFN-8	73
B54-AL-12	73	BCH21-C2	30	BDC-138142	66	BFX-063L15	84
B593	75	BCH21-C442	30	BDC-148152	66	BFX-100	84
B751-M10	27	BCH21-E-2-4	23	BDC-1519	66	BFX-T	84
B751-M10-WO	27	BCH21-E-5-8	23	BDC-159166	66	BG	
		BCH21-E-9-12	23	BDC-2025	66	BG-16	57
BA		BCH21-F3	38	BDC-215225	66	BG-16-4T	57
BA-2-16	51	BCH21-F4	38	BDC-2630	66	BG-16-C1	29
BA-4-16-H	51	BCH21-G-8-12	64	BDC-3236	66	BG-16-C2	29
BA-4-16-H-1	51	BCH21-L1410	63	BDC-3843	66	BG-16-E-1-2	20
BA-4-16-H-MZ	51	BCH21-U2-4	24	BDC-4751	66	BG-16-E-2-4	20
BA-4-WN	88/52	BCH21-U5-8	24	BDC-5358	66	BG-16-E-5-8	20
BA28B	88	BCH21-U9-12	24	BDC-6064	66	BG-16-E-9-12	20
BA5-4T	53	BCH21-W2	60	BDC-6772	66	BG-16-G-16	63
BA6-4T	53	BCH21-W6	60	BDC-7580	66	BG-16-G-20	63
		BCH32	44	BDC-8186	66	BG-16-G-24	63
BB		BCH32-2S	44	BDC-8792	66	BG-16-G-32	63
BBC1	28	BCH32-3S	44	BDC-99105	66	BG-16-G-6	63
BBC1-175	28	BCH32-4S	44	BDS-10	84	BG-16-G-8-12	63
BBC1-275	28	BCH32-AB	60	BDS-6	84	BG-16-U-2-4	19
BBC1-375	28	BCH32-C1	30	BDS-8	69	BG-16-U-5-8	19
BBC1-J125	28	BCH32-C2	30	BE		BG-16-U-9-12	19
BBC1-J175	28	BCH32-C442	30	BE-1-2	17	BG-16-W6	58
BBC1-J225	28	BCH32-E-2-4	23	BE-1-2-CT	21	BG-20	57
BBC1-J275	28	BCH32-E-5-8	23	BE-1-2-CT2	21	BG-20-4T	57
		BCH32-E-9-12	23	BE-1-2-F62	23	BG-20-C1	29
BC		BCH32-F3	38	BE-2-4	17	BG-20-C2	29
BC08	25	BCH32-F4	38	BE-2-4-CT	21	BG-20-E-1-2	20
BC1	25	BCH32-G-8-12	64	BE-2-4-CT2	21	BG-20-E-2-4	20
BC10	25	BCH32-L1410	63	BE-2-4-CT2-R	21	BG-20-E-5-8	20
BC12	25	BCH32-U-2-4	24	BE-2-4-F62	23	BG-20-E-9-12	20
BCC17	63	BCH32-U-5-8	24	BE-5-8	17	BG-20-U-2-4	19
BCC21	63	BCH32-U-9-12	24	BE-5-8-CT	21	BG-20-U-5-8	19
BCC28	63	BCH32-W2	60	BE-5-8-CT2	21	BG-20-U-9-12	19
BCC37	63	BCH32-W6	60	BE-5-8-CT2-R	21	BG-24	57
BCC42	63	BCH64	44	BE-5-8-F62	23	BG-24-4T	57
BCC48	63	BCH64-AB	60	BE-9-12	17	BG-24-C1	29
BCC60	63	BCH64-C1	30	BE-9-12-CT	21	BG-24-C2	29
BCD-1217	48	BCH64-C2	30	BE-9-12-CT2	21	BG-24-E-1-2	20
BCD-1722	48	BCH64-C442	30	BE-9-12-CT2-R	21	BG-24-E-2-4	20
BCG27	89	BCH64-F3	38				
BCG32	89	BCH64-F4	38				

BG-24-E-5-8	20	BH13-E-1-2	17	BH5-F14-R	36	BMC-06	25
BG-24-E-9-12	20	BH13-E-2-4	17	BH5-F2	35	BMC-08	25
BG-24-U-2-4	19	BH13-E-5-8	17	BH5-F4	35	BMC-10	25
BG-24-U-5-8	19	BH13-E-9-12	17	BH5-H7	43	BMC-12	25
BG-24-U-9-12	19	BH13-F1	35	BH5-H8	42	BMC24	26
BG-32	57	BH13-F12	36	BH-5-8-R	25	BMC32	26
BG-32-4T	57	BH13-F14	36	BH7	41	BMC442	26
BG-32-C1	29	BH13-F14-R	36	BH7-6	41	BMC46	26
BG-32-C2	29	BH13-F2	35	BH8	41	BMH1	41
BG-32-E-1-2	20	BH13-H7	43	BH8-6	41	BMH1-C2	27
BG-32-E-2-4	20	BH13-H8	42	BH9	89	BMH1-D8	47
BG-32-E-5-8	20	BH14	41	BHN-10	87	BMH1-E-1-2	18
BG-32-E-9-12	20	BH14-C2	27	BHN-6	87	BMH1-E-2-4	18
BG-32-U-2-4	19	BH14-D8	47	BHN-8	87	BMH1-E-5-8	18
BG-32-U-5-8	19	BH14-E-1-2	18	BHT	48	BMH1-F1	34
BG-32-U-9-12	19	BH14-E-2-4	18	BHT-10	48	BMH1-F12	35
BG-6	57	BH14-E-5-8	18	BHT-8	48	BMH1-F2	34
BG-6-4T	57	BH14-E-9-12	18			BMH1-H7	43
BG-6-E-1-2	20	BH14-F1	34			BMH1-H8	42
BG-6-E-2-4	20	BH14-F12	35	BL		BMH10	41
BG-6-E-5-8	20	BH14-F14	36	BL1400	64	BMH10-C2	27
BG-6-E-9-12	20	BH14-F2	34	BL1400-C442	30	BMH10-D8	47
BG-6-U-2-4	19	BH14-H7	43	BL1410	64	BMH10-E-1-2	17
BG-6-U-5-8	19	BH14-H8	42	BL1410-C442	30	BMH10-E-2-4	17
BG-6-U-9-12	19	BH17	89	BL1420	64	BMH10-E-5-8	17
BG-6-W2	58	BH18	89	BL1420-C442	30	BMH10-E-9-12	17
BG-6-W6	58	BH19	89	BL1425	64	BMH10-F1	35
BG-8-12	57	BH2	41	BL1425-C442	30	BMH10-F12	36
BG-8-12-4T	57	BH2-C2	27	BL1430	64	BMH10-F14	36
BG-8-12-C1	29	BH2-D8	47	BL1430-C442	30	BMH10-F14-R	36
BG-8-12-C2	29	BH2-E-1-2	18	BL1440	64	BMH10-F2	35
BG-8-12-E-1-2	20	BH2-E-2-4	18	BL1440-C442	30	BMH10-H7	43
BG-8-12-E-2-4	20	BH2-E-5-8	18	BL1450	64	BMH10-H8	42
BG-8-12-E-5-8	20	BH2-F1	34	BL1460	64	BMH8	41
BG-8-12-E-9-12	20	BH2-F12	35	BL1470	64	BMH8-C2	27
BG-8-12-U-2-4	19	BH2-F14	36	BL1480	64	BMH8-D8	47
BG-8-12-U-5-8	19	BH2-F2	34	BL1490	64	BMH8-E-1-2	17
BG-8-12-U-9-12	19	BH2-H7	43	BLC-1518	66	BMH8-E-2-4	17
BG-8-12-W2	58	BH2-H8	42	BLC-2022	66	BMH8-E-5-8	17
BG-8-12-W6	58	BH21	34	BLC-2830	66	BMH8-E-9-12	17
		BH4	41	BLC-3335	66	BMH8-F1	35
BH		BH4-C2	27	BLC-4244	66	BMH8-F12	36
BH-1-2-R	25	BH4-D8	47	BLC-4850	66	BMH8-F14	36
BH-2-4	25	BH4-E-1-2	17	BLC-5254	66	BMH8-F14-R	36
BH-2-4-R	25	BH4-E-2-4	17	BLC-6064	66	BMH8-F2	35
BH-5-8	25	BH4-E-5-8	17			BMH8-H7	43
BH-5-8-R	25	BH4-E-9-12	17	BM		BMH8-H8	42
BH-9-12	25	BH4-F1	35	BMA-4-16	52	BMN-10	87
BH-9-12-R	25	BH4-F12	36	BMA-4-16-16	52	BMN-4	87
BH-D8	47	BH4-F14	36	BMA-4-16-24	52	BMN-6	87
BH-E-1-2	25	BH4-F14-R	36	BMA-4-16-32	52	BMN-8	87
BH1	41	BH4-F2	35	BMA-4-16-48	52	BMS-10	74
BH1-C2	27	BH4-H7	43	BMA-4-16-6	52	BMS-10M	74
BH1-D8	47	BH4-H8	42	BMA-4-9	53	BMS-10S	74
BH1-F1	34	BH5	41	BMA1	54	BMS-12	74
BH1-F12	35	BH5-D8	47	BMA1-24	54	BMS-12M	74
BH1-F14	36	BH5-E-1-2	17	BMA1-32	54	BMS-12S	74
BH1-F2	34	BH5-E-2-4	17	BMAX-4-16	52	BMS-6	74
BH1-H7	43	BH5-E-5-8	17	BMAX-4-16-24	52	BMS-6M	74
BH1-H8	42	BH5-E-9-12	17	BMAX-4-16-32	52	BMS-6S	74
BH10	90	BH5-F1	35	BMAX-4-16-48	52	BMS-8	74
BH13	41	BH5-F12	36	BMB-10	69	BMS-8M	74
BH13-D8	47	BH5-F14	36	BMB-8	69	BMS-8S	74

BMT-10	73	BP-8-P-16	63	BUC-215226	65	BWRP-50	84
BMT-12	73	BP-8-P-8	63	BUC-224235	65	BWRS-10	83
BMT-6	73	BP-8-U-2-4	19	BUC-2630	65	BWRS-10EE	83
BMT-8	73	BP-8-U-5-8	19	BUC-3236	65	BWRS-6	83
BMU-2-4-S	24	BP-8-U-9-12	19	BUC-3843	65	BWRT-2-3	83
BMU-5-8-S	24	BP-8-W2	58	BUC-4751	65	BWRT-4	83
BMU-9-12-S	24	BP-8-W6	58	BUC-5358	65		
BN		BPC-12	67	BUC-6064	65	BX	
BN1	88	BPC-16	67	BUC-6772	65	BX-16	23
BNB-6	88	BPC-20	67	BUC-7580	65	BX-20	23
BNB-6-8	88	BPC-24	67	BUC-8186	65	BXL-1011	22
BNC06	26	BPC-32	67	BUC-8792	65	BXL-1214	22
BNC10	26	BPC-40	67	BUC-9095	65	BXL-1519	22
BP		BPC-48	67	BUC-96101	65	BXL-2024	22
BP-12	57	BPC-56	67	BUC-99105	65	BXL-2530	22
BP-12-4T	57	BPC-64	67	BV		BXL-67	22
BP-12-C1	29	BPC-8	67	BVT025	68	BXL-89	22
BP-12-C2	29	BPW-10	87	BVT037	68	BXM-1011	22
BP-12-E-1-2	18	BPW-6	87	BVT050	68	BXM-1214	22
BP-12-E-1-2-R	20	BPW-8	87	BVT062	68	BXM-1519	22
BP-12-E-2-4	18	BR		BVT075	68	BXM-2024	22
BP-12-E-2-4-R	20	BRS-100	65	BVT087	68	BXM-2530	22
BP-12-E-5-8	18	BRT-06-100	87	BVT112	68	BXM-67	22
BP-12-E-5-8-R	20	BRT-08-100	87	BVT125	68	BXM-89	22
BP-12-E-9-12	18	BRT-10-100	90	BVT137	68	BXS-1011	22
BP-12-E-9-12-R	20	BS		BVT150	68	BXS-1214	22
BP-12-P-12	63	BS-12	90	BVT162	68	BXS-1519	22
BP-12-P-16	63	BS-12-B	90	BVT212	68	BXS-2024	22
BP-12-U-2-4	19	BS-12-O	90	BVT262	68	BXS-2530	22
BP-12-U-5-8	19	BS-12-R	90	BVT312	68	BXS-67	22
BP-12-U-9-12	19	BS-17	90	BVT362	68	BXS-89	22
BP-12-W2	58	BS-17-B	90	BVT412	68	DB	
BP-12-W6	58	BS-17-O	90	BW		DB10	79
BP-16	57	BS-17-R	90	BW-12	59	DB10-28	79
BP-16-4T	57	BS-26	90	BW-16	59	DB10-36	79
BP-16-C1	29	BS-26-B	90	BW-20	59	DB10-42	79
BP-16-C2	29	BS-26-O	90	BW-8	59	DB10-50	79
BP-16-E-1-2	18	BS-26-R	88	BW-2	59	DB10-60	79
BP-16-E-1-2-R	20	BSLN-10	88	BW2-CT2	58	DB20	79
BP-16-E-2-4	18	BSLN-12	88	BW4	59	DB30	79
BP-16-E-5-8	18	BSLN-16	88	BW6	59	DB40	79
BP-16-E-9-12	18	BSLN-6	88	BW6-CT2	58	DB48	79
BP-16-P-16	63	BSLN-8	24	BWN189-4	48	DB610	79
BP-16-U-2-4	19	BU		BWN189-6	48	DB620	79
BP-16-U-5-8	19	BU-2-4	24	BWN189-8	48	DB630	79
BP-16-U-9-12	19	BU-5-8	24	BWN199-4	48	DB640	79
BP-16-W2	58	BU-9-12	24	BWN199-6	48	DB648	79
BP-16-W6	58	BUC-107112	65	BWN199-8	48	DBE10-12	80
BP-8	57	BUC-113118	65	BWN25-10	48	DBE10-8	80
BP-8-4T	57	BUC-116121	65	BWN25-16-12	48	DBP	79
BP-8-C1	29	BUC-121127	59	BWN25-4	48	DBR1012	80
BP-8-C2	29	BUC-125130	65	BWN25-6	48		
BP-8-E-1-2	18	BUC-132137	65	BWN25-8	48		
BP-8-E-1-2-R	20	BUC-138142	65	BWN259-6	48		
BP-8-E-2-4	18	BUC-148152	65	BWN259-8	48		
BP-8-E-2-4-R	20	BUC-1519	65	BWR-2	83		
BP-8-E-5-8	18	BUC-159166	65	BWR-3	83		
BP-8-E-5-8-R	20	BUC-168175	65	BWR-4	83		
BP-8-E-9-12	18	BUC-199212	65	BWR8G	83		
BP-8-E-9-12-R	20	BUC-2025	65	BWRG-2-3	83		
BP-8-P-12	63			BWRG-4	83		

Technical Information

Cooper B-Line fasteners are designed for fast and economical installation of conduit, cable, threaded rod and light fittings etc. onto steel work in industrial and commercial buildings. Installation of Cooper B-Line Fasteners requires no special tools. Most fasteners are installed with a hammer, screwdriver and pliers.

Material

Cooper B-Line fasteners are manufactured from spheroidized annealed high carbon cold rolled steel (ASTM A684, AISI 1055). Mild steel fasteners are manufactured from electrolytic zinc coated steel (ASTM A591) or pre-galvanized steel (ASTM A526). Malleable iron beam clamps conform to (ASTM A47). Select fasteners are made from stainless steel which conforms to AISI Type 302 or 304 materials.

Finishes

The surface coatings are an important part of Cooper B-Line Fasteners and provides protection against corrosion. Standard finishes are indicated on each catalogue page and consist of one of the following:

H-ZINC = Hot dip galvanized zinc coating generally with 50 - 70 micron of zinc. Designed for use indoors and outdoors in mildly corrosive environments.

M-ZINC = Mechanical zinc coating with 20 micron of zinc and a chromatic sealer. Corrosion resistance is 500 hours in a saline spray test according to ASTM B117-90 and DIN 50021.

E-ZINC = Electro-galvanized zinc coating with 8-15 micron of zinc. Corrosion resistance is 90 hours in a saline spray test according to ASTM B117-90 and DIN 50021.

P-ZINC = Pre laminated sheet steel with 15 micron of zinc. Corrosion resistance is 90 hours in a saline spray test according to ASTM B117-90 and DIN 50021.

C-ZINC = Chromium/zinc inorganic coating with a thickness of 7-13 microns. Corrosion resistance is 400 hours in a saline spray test according to ASTM B117-90 and DIN50021.

Load data

The design load ratings for Cooper B-Line Fasteners are specified in this catalogue as static load capacity or ultimate static load capacity.

In either case these stated loads are not to be exceeded and loads should be applied only as depicted in the catalogue and installation sheets. The load capacity of a fastener having more than one component is equal to the load capacity of the lowest rated component.

Fasteners having no load ratings are designed for proper placement only and not for supporting loads.



Static capacity limit with a safety factor of 3.



Ultimate static load capacity with no safety factor.

1 kg = 10 N

1 kg = 2.2046 Lbs

Applications

B-Line Fasteners are designed for use with angle beams, bar joists, beams, columns, flanged purlins, wire, rods, etc. as illustrated in this catalogue and installation sheets. B-Line is not liable for improper installation.

Although corrosion resistant, B-Line Fasteners are designed for use indoors and in non-corrosive environments.



Cooper B-Line, Ltd. - UK

Walrow, Highbridge

Somerset, TA9 4AQ

Phone 441278783371

Fax 441278789037

Email sales@cooperbline.co.uk

www.cooperbline.co.uk

Cooper B-Line

509 West Monroe Street

Highland, IL 62249 - USA

Phone +1 800-851-7415

Fax +1 618-654-1917

www.cooperbline.com

Cooper Industries, Ltd.
600 Travis, Ste. 5800
Houston, TX 77002-1001
Phone: 713-209-8400
www.cooperindustries.com

COOPER B-Line