

Graphite Lift Plug

GLP

Graphite Lift Plugs (GLP) provide a safe and effective way of lifting and handling graphite electrodes and graphite electrode columns for transport to and from the furnace.

★★ American Made ★★

PRODUCT DESCRIPTION



- Graphite Lift Plugs are designed to stay on the column during furnace operations.
- Graphite Lift Plugs are designed to lift one electrode stick from horizontal to vertical.
- Available in plug sizes from 177.17mm (6.975") to 431.8mm (17").
- Custom sizes available on request.
- Graphite pins are supplied by OEM graphite electrode and pin manufactures.
- Plate bails are fabricated from 80 KSI steel.
- Graphite Lift Plugs are designed with a minimum safety factor of 4x Working Load Limit.
- Finish: Safety Red, unless otherwise specified.
- All designs, development, production, load test and certification are performed by CMW engineers and technicians at the CMW facility in Columbia, Tennessee, according to standards: B30.26-2010, B30.10.2014, B30.20-2013, ASME BTH-I-2013, CEI IEC 60239 and DIN EN 13155.
- Each Graphite Lift Plug is tagged with the CMW name, address, product part number, manufacture working load limit, date of manufacture, weight of product and product serial number for traceability and load test certification.
- CMW offers inspection, service or repair to any brand of graphite lift plug.

Part Number*	Graphite Pin Size		Small Lifting Bail 9"h x 8"w		Medium Lifting Bail 19"h x 8"w		Large Lifting Bail 39"h x 8"w		(GLP) Capacity	
	mm	in	kg	lbs	kg	lbs	kg	lbs	kg	lbs
(A) X (B) - 6.975	177.17	6.975	17	38	24	54	45	99	1,089	2,400
(A) X (B) - 8.5	203.2	8.5	19	41	26	58	47	103	1,860	4,100
(A) X (B) - 8.75	222.25	8.75	19	42	27	59	47	104	1,860	4,100
(A) X (B) - 9.5	241.3	9.5	21	46	29	63	49	108	2,359	5,200
(A) X (B) - 10.625	269.88	10.625	29	63	38	84	59	131	3,583	7,900
(A) X (B) - 11.75	298.45	11.75	33	73	43	94	64	141	5,897	13,000
(A) X (B) - 12.5	317.5	12.5	34	75	44	96	65	143	5,897	13,000
(A) X (B) - 14.75	374.65	14.75	52	115	62	136	83	183	8,165	18,000
(A) X (B) - 16	406.4	16	60	133	70	154	91	201	9,525	21,000
(A) X (B) - 17	431.8	17	73	161	83	182	104	229	9,979	22,000

*Part Number: (Inside Width) x (Inside Height) - (Graphite Pin Size)

GLP weights are approximate based on standard bail.



Safe lifting is a priority at Columbia Machine Works. Prior to using a CMW Graphite Lift Plug, a visual inspection should be performed, looking for bent or arced bails, missing bolts or nuts, or damage to the pin threads. Any of these factors could lead to failure of the GLP causing damage to equipment or danger to personnel. If you suspect damage to the GLP, contact a CMW representative before using. Modification or repairs should be performed only by qualified CMW technicians.

FOR SALES CONTACT: COLUMBIA MACHINE WORKS OR EXO TECHNOLOGIES

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