

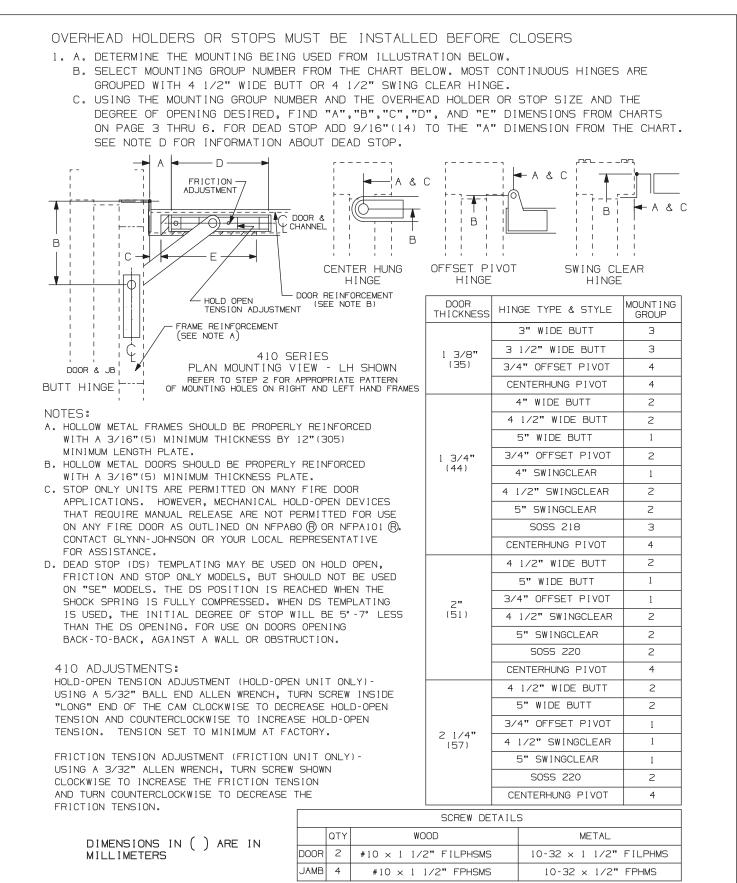
410

GLYNN-JOHNSON

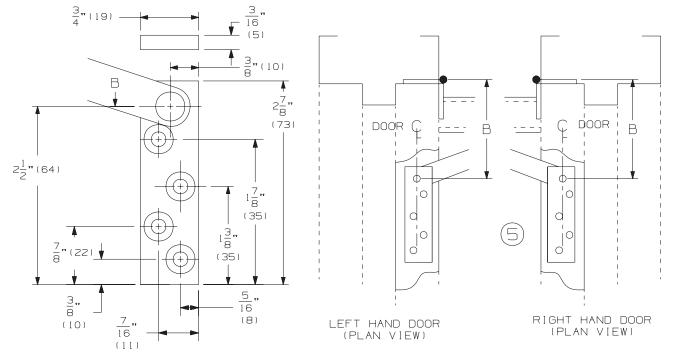
INST.410

Concealed Overhead Holder

Installation Instructions

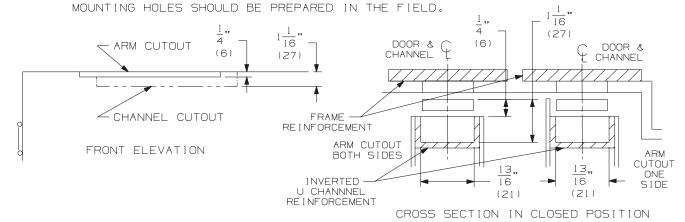


- 2. A. LOCATE "B" DIMENSION ON THE FRAME. NOTE THAT THE "B" DIMENSION IS MEASURED FROM THE CENTERLINE OF THE HINGE AS SHOWN.
 - B. MORTISE FOR THE JAMB BRACKET AS SHOWN. REFER TO LEFT AND RIGHT HAND PLAN VIEWS FOR APPROPRIATE HOLE PATTERN.
 - C. FOR METAL FRAMES, USE A #21 DRILL AND A 10-32 TAP IN 4 PLACES. FOR WOOD FRAMES, DRILL A 1/16" PILOT HOLE IN 4 PLACES.



REFER TO ILLUSTRATION BELOW AND ON SHT 1 FOR THE FOLLOWING NOTES:

- 3. A. LOCATE "A" AND "D" DIMENSIONS ON THE CENTERLINE OF THE DOOR. NOTE THAT THE "A" DIMENSION IS MEASURED FROM THE CENTERLINE OF THE HINGE AS SHOWN.
 - B. MORTISE FOR THE CHANNEL AS SHOWN IF REQUIRED.
 - C. LOCATE "C" AND "E" DIMENSIONS ON THE TOP OF THE DOOR. NOTE THAT THE "C" DIMENSION IS MEASURED FROM THE CENTERLINE OF THE HINGE AS SHOWN.
 - D. MORTISE FOR ARM CUTOUT AS SHOWN.
 - E. FOR METAL DOORS, USE A #21 DRILL AND 10-32 TAP IN 2 PLACES. FOR WOOD DOORS, DRILL 1/8" PILOT HOLES IN 2 PLACES.



- 4. A. INSTALL THE CHANNEL IN THE DOOR WITH THE SHOCK SPRING TOWARDS THE HINGE EDGE OF DOOR.
 - B. INSTALL JAMB BRACKET IN FRAME.

DIMENSIONS IN () ARE MILLIMETERS.

	-	8 1/4	210	10	254	5 14	356	8	457	321 3/4	552	3 8 1/4	210	8 10	254	14	356	8 18	257	21 11/16 21 3/4	552	8 1/4	210	10	254		356	81	457	11/1621 3/4	552	8 1/4	210	10	254	14	356	8 18	457	821 3/4	552	
	٥	15 9/16	395	17 3/16	437	18 7/16	468	20 3/16	513	21 11/1621	551	15 9/16	36E	17 3/16	437	18 7/16	468	20 3/16	513		551	15 9/16	365	17 3/16	437	18 7/16	468	20 3/16		2	551	15 9/16	395	17 3/16	437	18 7/16	458	20 3/16	516	21 11/16 <mark>21</mark>	199	-
	ш	•		15	381	17 +	432	20 I/B	511	23 7/B	808	12 1/4	311	15	381	16 3/4	425	20 1/8	511	23 7/B	606	12 1/4	311	15	381	17	432	20 1/8	511	23 7/8	808	,	•			16 1/8	410	20 1/8	511	23 7/8	909	
110 H0	υ	•	•	0	0	9 • E	76	5 5/16	135	6 5/16	160	0	o	0	0	e	76	5 7/16	861	6 7/16	164	0	0	0	0	m	76	5 1/2	140	6 9/16	167	,	•		•	4 11/16	119	5 7/8	149	2	178	
	ß	1	•	4 3/8	111	5 1/4 *	133	6 7/16	164	7 7/16	189	3 7/16	87	4 1/2	114	5 1/4	133	6 9/16	167	7 9/16	192	3 9/16	8	4 5/8	117	5 1/2	140	6 5/8	168	7 11/16	195	1	•	•		5 13/16	148	7	178	8 1/8	206	
	<		•	2 3/16	56	5 13/16*	14B	9 1/4	235	12 9/16	319	1 1/16	27	2 5/16	20	5 13/16	148	9 3/B	862	11/16	322	1 1/4	ZĔ	2 7/16	62	6 1/16	154	9 1/2	241	12 3/4	324	,	-		•	6 7/16	164	8 7/B	251	13 1/8	EEE	
u	ш	12 1/4	311	15	381	16 3/4 +	425	20 1/8	211	B/1 EZ	808	12 1/4	311	15	381	16 3/4	425	20 1/B	511	23 7/B	808	12 1/2	318	14 1/2	368	16 3/4	425	20 1/8	511	23 7/B	806	,	-			16 3/8	416	Z0 1/8	511	23 7/B	909	
105 HO	υ	0	0	0	0	1/4 *	8	5 9/16	141	11/16	170	0	0	0	0	3 1/2	68	5 3/4 2	146	6 3/4 2	171	0	0	1	25	3 1/2	88	5 7/8 3	149	6 7/8 2	175		-	,	,	13/16	122	6 3/16 2	157	5/16	186	1
	æ	3 7/16	87	9/16	116	5 7/16 + 3	138	11/16	170	9 91/E1	198	3 9/16	96	4 3/4	121	9/16	141	6 7/8		7 7/8	200	3 3/4	ß	13/16	122	-	146	7	178	8	E02	,	-		,	15/16 4	151	5/16	186	8 7/16 7	214	1
	<	1 1/16	27	3/8 4	60	6 + 5	152	9 1/2 6	241	12 7/8 7	327	1 1/4 3	ZE	2 1/2	64	3/16 5	157	9 11/16 (246	EI	330	1 3/8	ß	5/8 4	67	5/16	160	9 3/4	248	13 1/8	333	,		,	,	6 3/4 5	171	10 3/16 7	259	I3 1/2 E	343	
	ш	12 1/4 1	311	1/2 2	368	16 3/4	425	20 1/8 \$	511	1 8/2 EZ	806	12 1/2	318	14 1/2 2	368	16 1/4 6	413	Z0 1/8 9	511	23 7/8	606	12 3/4	324	14 1/2 2	368	I6 1/4 6	413	1/8	511	23 7/8 1	606	,	-	,	,	1/8	410	20 1(508	23 7/8 1	606	
- - -	υ	0 13	0	1 14	25	3 1/2 16	8	5 7/8 20	149	7 2	178	0	0	1 1-	35	4 1/4](108	6 1/16 Z(154	3/16 2	183	0 13	。 。	1 14	25	-		3/16 20		5/16 2	186		-	,		3/16 16	132	6 5/8	154	7 11/16 2	195	
01	Ð	5/8	26	13/16	122 2	11/16 3	144	7 5	178	B/I B	206	3 3/4	95	4 15/16	125	7/8	149 1	3/16	183	5/16 7		3 7/8	88	5 1/16	129 2	6 4		5/16 6 :		8 7/16 7	214 1		-			5/16 5 3	160 1	7 3/4 6	197 1	8 13/16 7	224	+
-	<	1/4 3	32	9/16 4 1	65 1	5/16 5	160	8// 6	551	13 1/4 B	337 2	3/8 3	35	2 11/16 4	89	7/16 5	164 1	10 7	254	13 3/8 8	340 2	9/16 3		13/16 5	71 1	9/16	167 1	10 1/8 7	257 1	13 1/2 8	343 2	,	-	,	,	15/16 6	176	10 1/2 7	267	13 15/16 8	354 2	
	ш	1/2 1	318	14 1/2 2	368	16 1/4 B	413	20 9	508	3/4	603	12 3/4 1	324	14 1/2 2	368	16 6	406	20	508	23 3/4 13	603 C	13 1	0EE	14 1/2 2	368	16 B	406 1	20 10	508 2	3/4	603		-	,		16 6 1	406	20 10	508	23 3/4 I3	E03	+
	υ	0 12	0	1 14	25 3	4 1/4 16	108	7/16	164	5/8 23	194	0 12	0	2 14	51	5	130	9/16	167	3/4 23	197 (0	0	2 14	51 3	5	127	11/16	170	7/8 23	200		-	,		5 11/16	144	7 1/16	179	5/16 23	211	
s -	8	13/16	97	ى د	127	6 4	152	7/16 6	189	5/8 7	219	3 15/16	100	5 1/8	130	6	156 1	9/16 6	192	8 3/4 7	222	4 1/16	103	5 1/16	135	5/16	160	7 11/16 6 1		8 7/8 7	225		-			11/16 5 1	170 1	8 1/16 7	206	5/16 8	237 2	
	<	7/16 3 1	37	13/16	71 1	9/16	67 1	1/4 7	260 1	11/16 8	348 2	9/16 3 1	40	5/16 5	75 1	3/4	71 1	5/16 7	262 1	13/16 8	351 2	3/4 4	44 1	1/16 5	78 1	7/8 6 5	75 1	1/2 7 1	267 1	15/16 8	354 2					1/4 6 1	84 1	15/16 8	278 2	3/8 9	305 2	
+	ш	3/4 1 7		1/2 2 1		16 1/4 6 1	-	20 10		5/8 13 1	600 J	-		14 1/2 2 1	368 7	16 6 :	-	10	508 2	3/4 13 1	603 3 ¹	13 1		1/2 3 1	_	9	_	1/8 10	_	5/8 13 1	600 3		-			16 7	406 1	10	508 2	5/8 14	600 J	
$\left \right $	- 0	0 12	0 324	2 14	51 368	5 16	127 413	6 7/8 2	175 508	3/16 23	208 6(0 13	0EE 0	2 14	51 36	1/2 1	140 406	7 20	178 5(5/16 23	211 6(0 1	0 330	2 14	51 368	5/8 16	143 406	7 1/16 20	179 511	8 7/16 23	214 6(-			6 1	152 40	9/16 20	192 5(7/8 23	225 6(-
99 F	-	4	102	5 1/4	133 5	3 8/E 9	162 13	7 7/8 6	200	3/16 8 3	233 2	3/16	106	5 7/16	138	1/2 5	165 I·	8	.I EOZ	5/16 8 5	237 2	5/16	110	9/16	141 5	5/8 5	168 1-	1/16 7 1	205 1	7/16 8 7	240 2			_		7	178 1	9/16 7 9	217 18	. 8 8/2 6	251 23	
+	-	5/8		1/16 5		16	76 16	5/8		3/16 9 3	360 23	16 4		3/16 5 7		1/16 6	179 16	13/16 8	275 20	5/16 9 5	364 2:	15/16 4 5		5/16 5 9	_	9	_	80		7/16 9 7	_				_	5/8	194 17	5/16 8 9		14 7/8 9		
+	_		0 41	1/2 3 1/	8 78	5 6 15/	-	10	8 270	5/8 14 3		3 1 13/	0 46	Э	8 81	7	_	10		14				1/2 3 5/	84	3 7 1/4	6 184	1/8 11		5/8 14 7	0 367		-	'	'	7		Ξ	38 287	5/8 14 7	0 378	
+	ш с	0 13	0EE 0	2 14 1	1 368	3/4 16	146 406	3/8 20	187 508	3/4 23 5	222 600	0 13	0 330	2 14 1/2	1 368	15/16 16	151 406	1/2 20	191 508	8 7/8 23 3/4	225 603	0 13 1/4	0 337	2 14 1	1 368	1/16 16	154 406	9/16 20 1	192 511	9 23 5	229 600			'	'	7/16 16	164 406	8 1/16 20	206 508	9 1/2 23	41 600	
요 유	_			3/8 2	3 51	4 5		7		8		4 7/16 0	113 0		6 51	ß		1/2 7 1		_		9/16 0			9 51	ю		9/16 7 9,						'	'	7/16 6 7,		9 1/16 8 1,		1/2 9 1	37 241	
+	e	/16 4 1/4	9 108	3/8 53/	3 143	5/16 6 3/	6 171	/16 8 3/8	4 213	3/4 9 3/4	5 248	2 1/16 4 7/		/2 5 3/4	9 146	1/2 6 15/16	1 176	16 8	37 216	14 15/16 9 7/8		4		1/8 5 7/8	149	5/8 7 1/16	4 179	œ	2 217	/16 10	3 254		_	'	'	7	3 189	-	230	2	94 267	
+	< 9	* / 1 15/	84 49	m	86 86	7	38 186	-39 11 3/16	91 284	-45 14 3/4	43 375	* 1 2 1,	84 52	-27* 3 1/2	36 89	7	38 191	-39 11 5/	91 287	_	43 379	* 1 2 1/4		-27* 3 5/8	86 92	7		-39 11 1/2	91 292	-45 15 1/16	43 383	- 27 -	- 686	- 33	' œ	-39 8	91 203	-45 11 7/8	43 302	-51 15 1/2	295 394	•
DEGREE	OPENING	18-23 *	457-584	23 1/16-27+	585-686	27 1/16-33	687-838	33 1/16-39	66 - 6EB	39 1/16-45	992 - 1143	18-23	457-584	23 1/16-27*	585-686	27 1/16-33	687-838	33 1/16-39	199-958	39 1/16-45	992 - 1143	18-23 +	457-584	23 1/16-27*	585-686	27 1/16-33	687-838	33 1/16-39	839-991	39 1/16-45	992 - 1143	23 1/16-27	585-66	27 1/16-33	687-838	33 1/16-39	839-991	39 1/16-45	992 - 1143	45 1/16-51	1144-1295	
	DIM.	IN.	411 ##	IN.	um 11	.NI CIA	Ē	IN	4 4 E	z.	Ē	IN.	uu 111	412 IN.	an a	in.	m T	IN.		IN.	m	IN.	Ē	IN.		.N.	um C T	IN.	un nu	AIF IN.	mm	411 IN.	m	412 IN.	Ē	.NI	um CT.	IN.	uu t t	, I	1 1 1 1	

FOR EAD STOP ADD 9/16" (14) TO THE "A" DIMENSION FOR SE STOPS USE HOLD-OPEN MOUNTING INSTRUCTIONS HO:HOLD-OPEN FOR HOLDERS, OPENING FOR STOPS I:ARM LENGTH FROM PIVOT CENTERLINE TO PIVOT CENTERLINE (FOR REFERENCE ONLY)

* NOT TO BE USED WITH OFFSET PIVOTS / NOT TO BE USED WITH SWINGCLEAR HINGES

