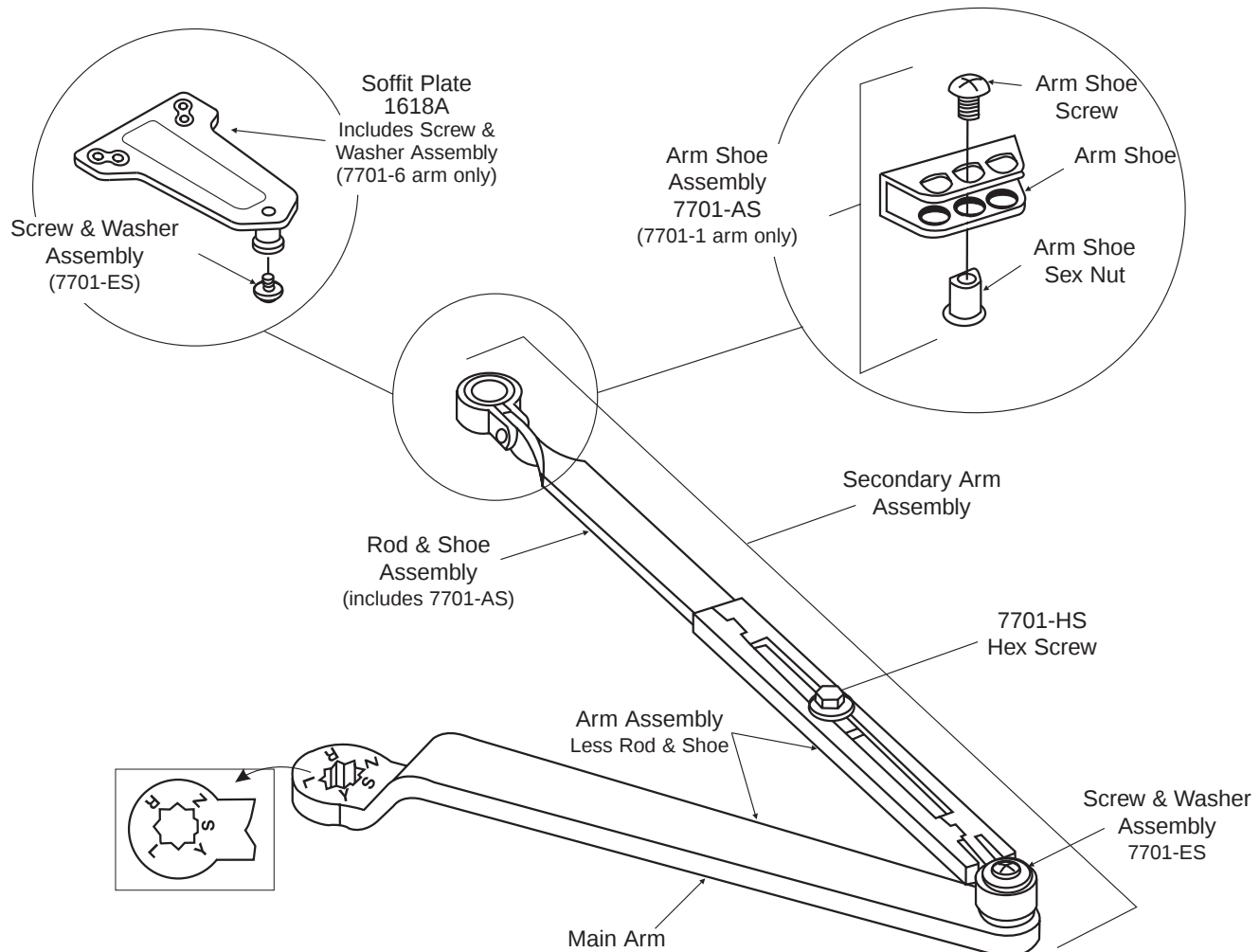


NON-HOLD OPEN ARM ASSEMBLIES



Note: Mounting hardware included with all parts orders

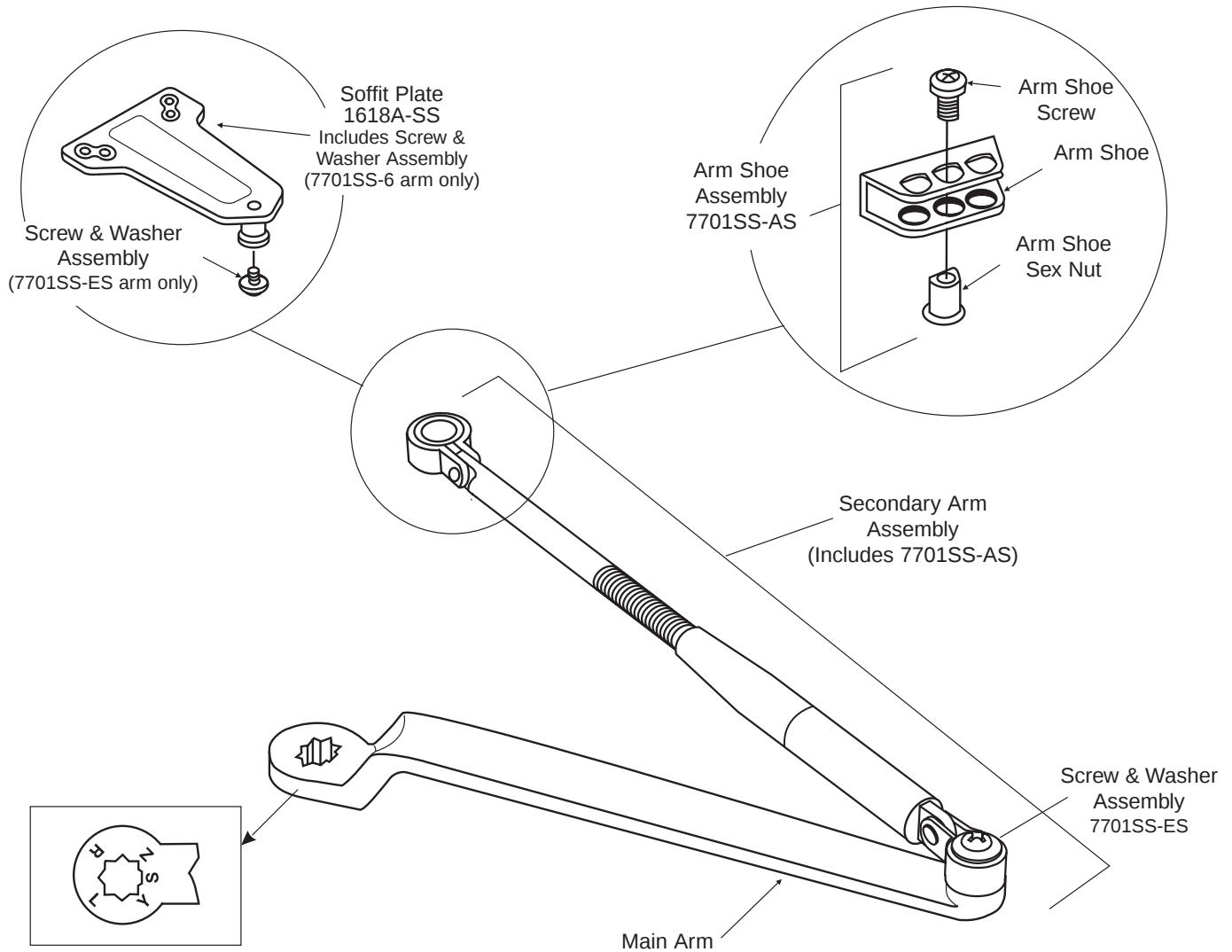
Closer Series	Complete Arm Assembly	Main Arm Assembly [Ⓐ] (length)(mm) (includes 7701-ES)	Secondary Arm Assembly (includes 7701-ES)	Arm Assembly Less Rod and Shoe	Rod & Shoe [Ⓑ] Assembly (length)(mm)
1600BC/1601	7701-1	7701-1M (11)(279)	7701-111	7701-1W	7701-11 (8-7/8)(225)
J1600BC/J1601	7701-1A		7701-121		7701-11A (12-9/16)(319)
P1600BC/P1601	7701-6		7701-116		7701-16 (8-7/8)(225)
P1600BC/P1601 [Ⓒ]	7701-6A		7701-116A		7701-16A (12-9/16)(319)
1601	7701-26 (Tri pack includes 7701-1 plus 1618A plate)				

[Ⓐ] C to C length shown in parentheses.

[Ⓑ] C of connecting link to end of rod shown in parentheses.

[Ⓒ] For 180° door swing when using a special template for doors hung on 6" to 8" (162mm to 203mm) wide throw hinges.

STAINLESS STEEL ARM ASSEMBLIES



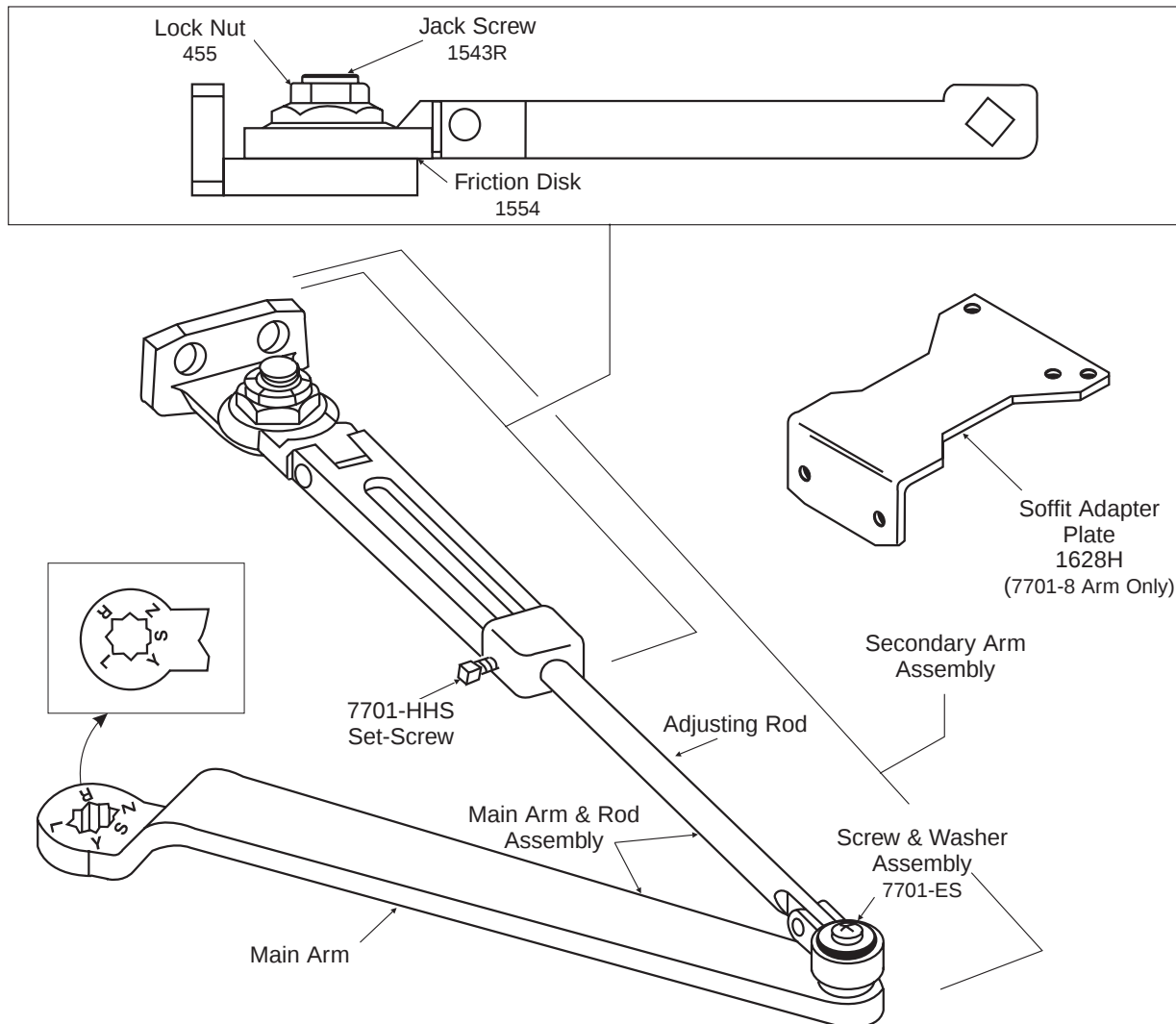
Note: Mounting hardware included with all parts orders

Closer Series	Complete Arm Assembly	Main Arm Assembly [Ⓐ] (length)(mm) (includes 7701S-ES)	Secondary Arm Assembly (includes 7701S-ES)
1601SS	7701SS-1	7701SS-1M (11) (279)	7701SS-111
J1601SS	7701SS-1A		7701SS-121
P1601SS	7701SS-6		7701SS-116

[Ⓐ] C to C length shown in parentheses

HOLD OPEN ARM ASSEMBLIES

7701-13 Holder Shoe & Loop Assembly



Note: Mounting hardware included with all parts orders

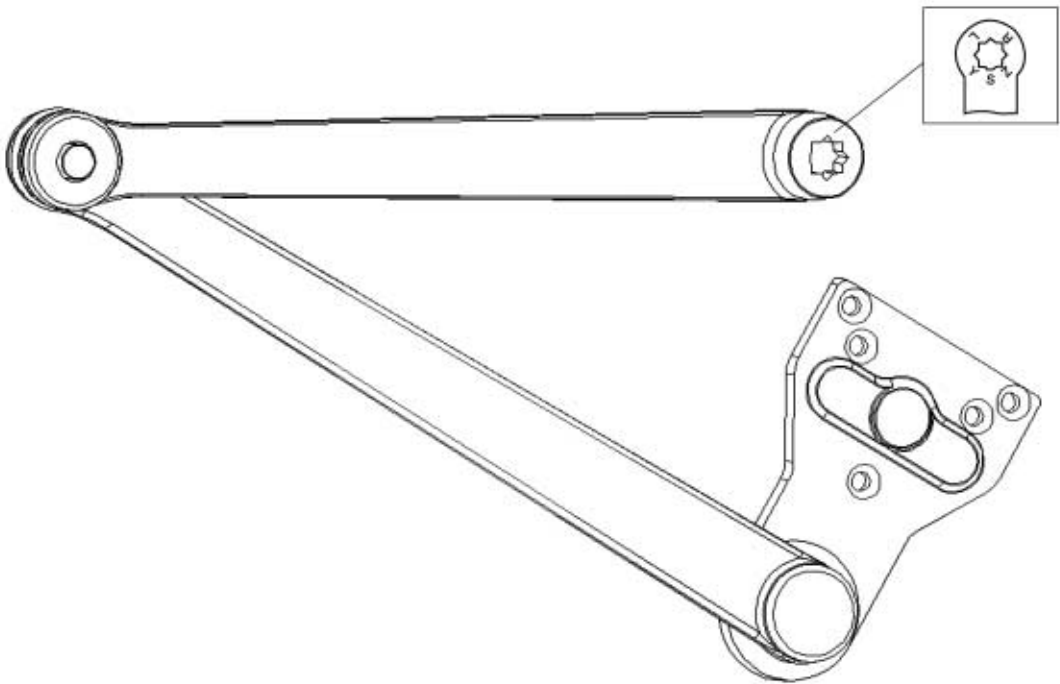
Closer Series Assembly	Complete Arm Assembly	Main Arm [Ⓐ] (Length)(mm) (includes 7701-ES)	Secondary Arm (includes 7701-ES)	Main Arm & Rod Assembly	Holder Shoe & Loop Assembly	Adjusting Arm [Ⓑ] (Length)(mm)
1600BCH/1601H	7701-3/7701-8 [Ⓒ]	7701-1M (11) (279)	7701-113/7700-118 (Reg.) / (Par.)	7701-3W	7701-13	7701-31 7.3/8" (187)
J1600H/J1601H	7701-3A		7701-123	7701-3WA		7701-31A 10-13/16" (275)

7701-18= Holder Shoe & Loop Assembly (7701-13)
with soffit adapter plate (1628H)

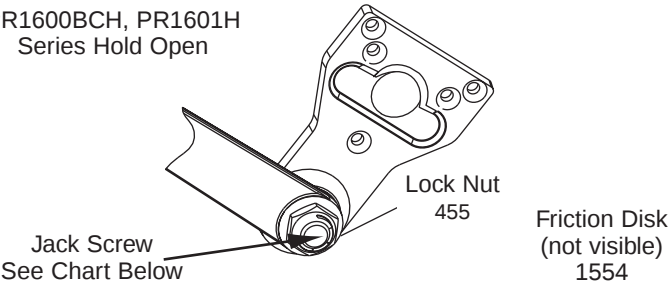
- Ⓐ C to C length shown in parentheses.
 Ⓑ C of connecting link to end of rod shown in parentheses.
 Ⓒ Same as 7701-3 but includes #1628H soffit adapter plate.

PARALLEL RIGID
ARM ASSEMBLIES

Non-Hold Open Arm Shown



PR1600BCH, PR1601H
Series Hold Open

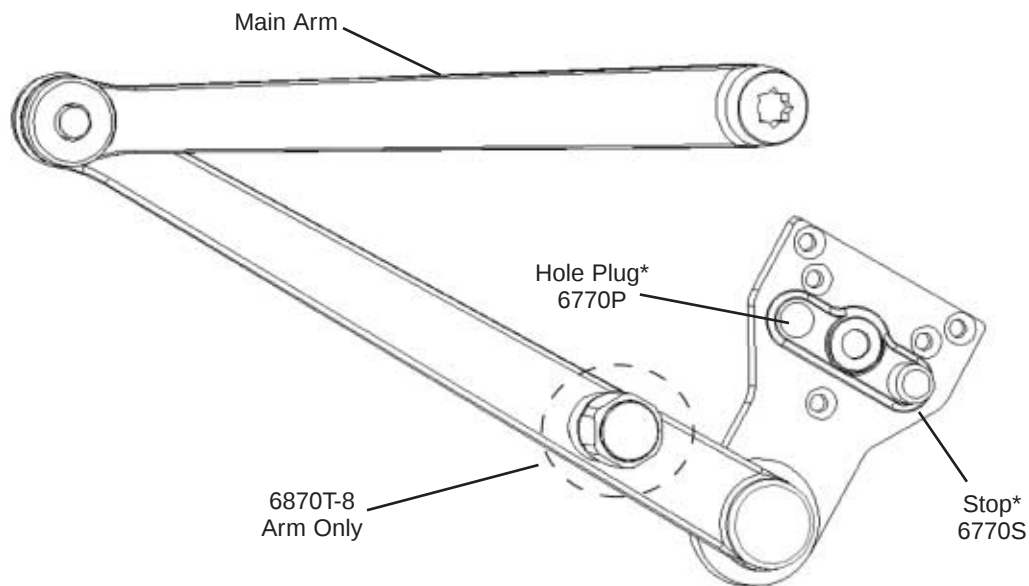


Note: Mounting hardware included with all parts orders

Closer Series PR1600BC/PR1601	Complete Arm Assembly	Jack Screw
Non-Hold Open	PR7701-5	N/A
Hold Open	PR7701-8R	1543R
	PR7701-8L	1543L

CLOSERPLUS® ARM ASSEMBLIES

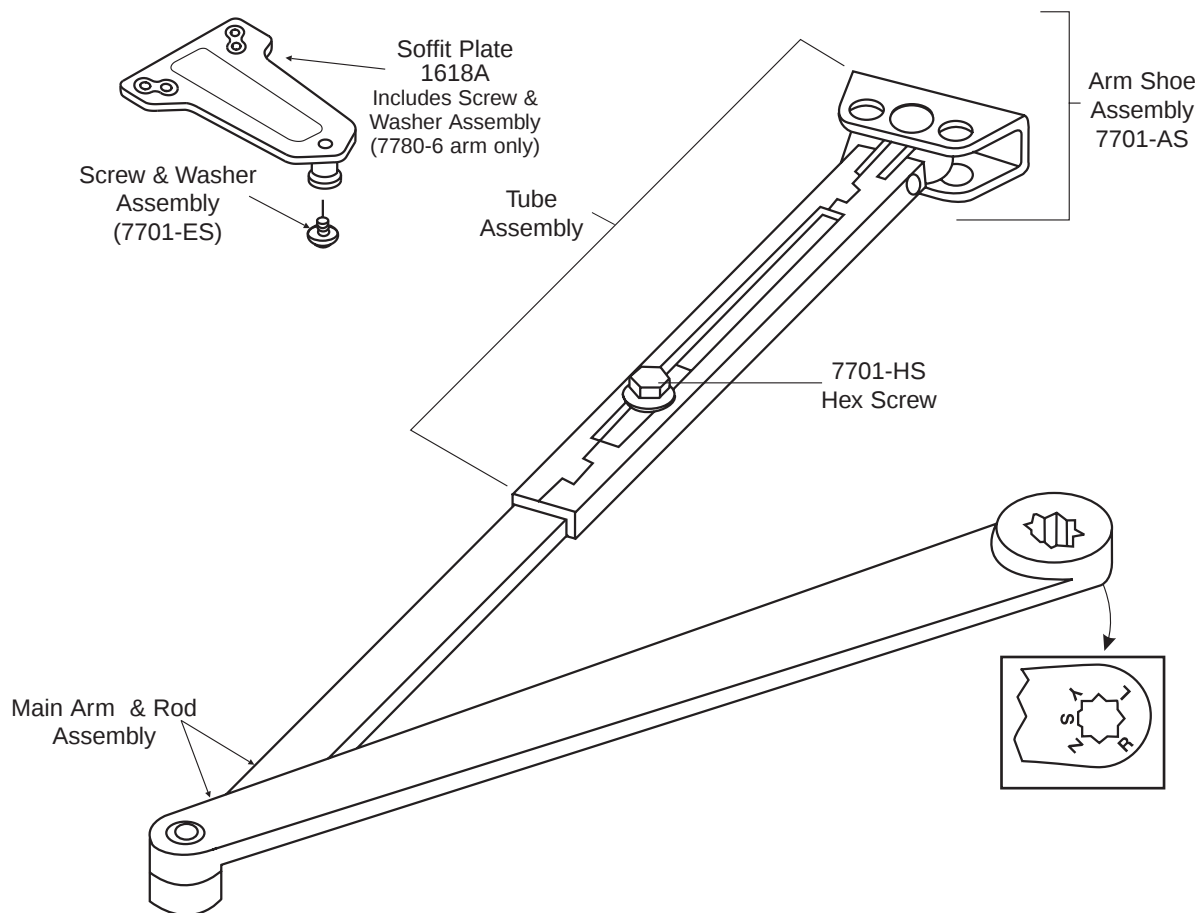
Hold Open arm shown (CLP-T)



Note:
Mounting hardware included with all parts orders

Closer Series	Arm Function	Complete Arm Package
CLP1600BC/ CLP1601	Non-Hold Open	6770-5
CLP1600BCT/ CLP1601T	Thumbturn Hold Open	6870T-8

LOW PROFILE
ARM ASSEMBLIES

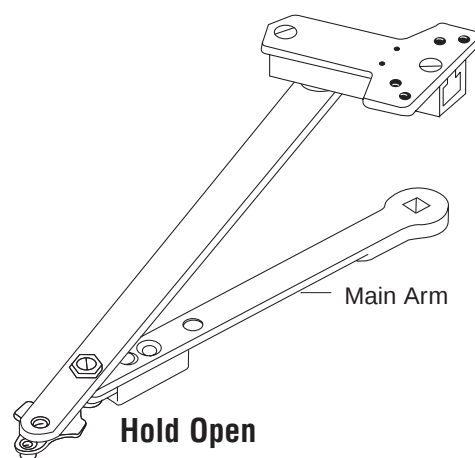
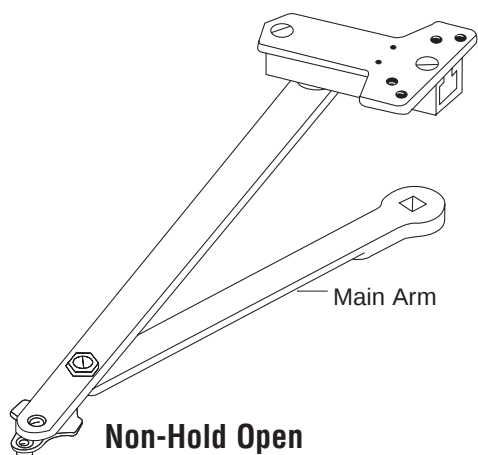


Note:
Mounting hardware included with all parts orders

Arm Application	Complete Arm Assembly	Main Arm & Adjusting Rod Assembly	Tube & Shoe/Soffit Assembly
Regular Arm	7780-1	7780-1MR	7780-1TS (with 7701-AS)
Parallel Arm	7780-6		7780-6TS (with 1618A)
Tri-pack	7780-26		

UNITROL® ARM ASSEMBLIES

Parallel arm hold open & non-hold open series

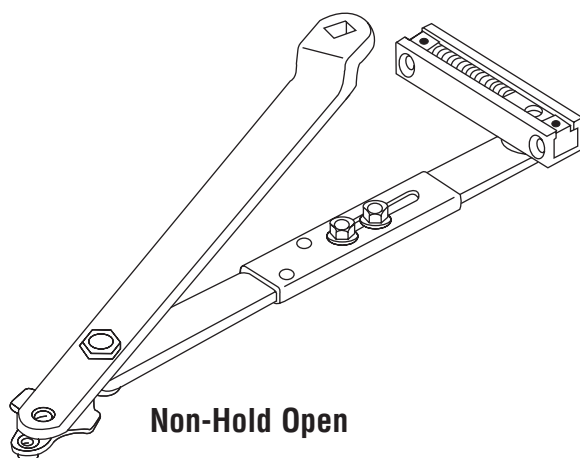


Door Width (cm)	Main Arm Length* (mm)	Complete arm assembly	
		Non-Hold Open	Hold Open
28" - 32" (71 - 81)	9-1/2" (241)	6100-11	6100-1
33" - 41" (84 - 104)	11" (279)	6100-13	6100-3
42" - 48" (107 - 122)	12-1/2" (318)	6100-14	6100-4

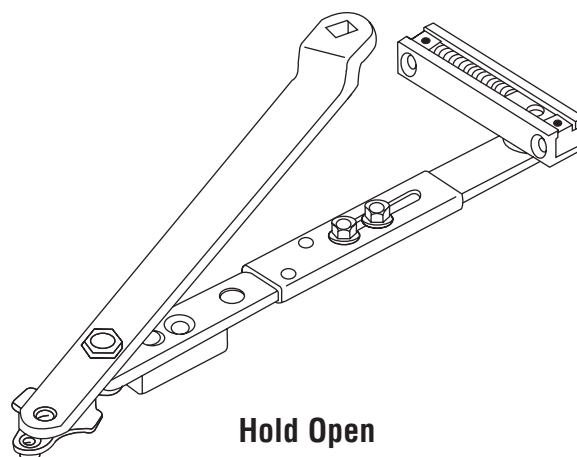
* Center to center length.

Note:
Mounting hardware included with all parts orders

Top jamb hold open & non-hold open series



Non-Hold Open



Hold Open

Complete arm assembly		For Frame Reveals (mm)
Non-Hold Open	Hold Open	
J6100-4	J6100-7	2-1/8" - 3-1/4" (54 - 83)
J6200-4	J6200-7	1/2" - 2" (13 - 51)
J6400-4	J6400-7	3-3/8" - 4-1/4" (86 - 108)
J6500-41	J6500-71	4-3/8" - 5-3/8" (111 - 137)
J6500-42	J6500-72	5-1/2" - 6-3/8" (140 - 162)
J6500-43	J6500-73	6-1/2" - 7-3/8" (165 - 187)
J6600-4	J6600-7	0 - 3/8" (0 - 10)