



# SHORTSTOPP® II

## Plugging System, Sizes: 1-1/4" to 12"



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■ **SHORTSTOPP® II Plugging System**  
Size 3 x 4



■ **SHORTSTOPP® II Plugging System**  
Size 6 x 8

### Description

The SHORTSTOPP® II Plugging System is dependable, easy to use, and a cost efficient method of plugging 1-1/4" through 12" lines in pressures up to 150 psi or 200 psi, based on the configuration of the equipment, and a maximum operating temperature of 180°F.

It meets industry standards for temporarily plugging distribution mains. It is a system capable of meeting the growing demands for working under higher pressures and is capable of plugging 4" and 6".\*

\*With appropriate adaptation kit.

### Features

- For pressure ratings, see specific data sheet or Chart on page 2 of this bulletin.
- Maximum operating temperature of 180°F
- Lightweight, durable, dependable and easy to use
- Plugs 4-, 6-, 8-, 10- and 12-inch mains through reduced branch fittings, using folding plugging head
- Plugs 1-1/4 through 12-inch mains size on size
- Pivot ball gland reduces wear on housing and control bar
- Control bar jack provides mechanical advantage when lowering plugging head in 4-inch and larger sizes
- Control bar latch and clamp secure plugging head in seated position
- Setting completion plug in fitting permits removal of tapping valve

### Options

- Sealing elements for 150 and 200 psi
- Chip sweep and magnetic chip removal tool available
- Visual inspection tool available
- 3 x 4, 4 x 6, 6 x 8, 8 x 10/12-inch reduced branch fittings permit plugging through smaller access



# SHORTSTOPP® II Plugging System

## SHORTSTOPP® II Plugging Machines

Size		MWP*		Weight		Part Number
Inches	DN	psi @100°F		Lbs.	Kg.	
1-1/4	32	200		16	7	08-3303-0000-00
1-1/2	40	200		18	8	08-3305-0000-00
2	50	200		18	8	08-3309-0000-00
3	80	200		45	20	08-3500-0300-00
4	100	200		71	32	08-3500-0400-00
6	150	200		110	46	<sup>1</sup> 08-3500-0600-00
8	200	150		170	77	08-3500-0800-00
10	250	150		370	168	08-3500-1000-00
12	300	150		400	181	08-3500-1200-00
3x4	80 x 100	150		55	25	08-3501-0304-00
4x6	100 x 150	150		100	45	08-3501-0406-00
6x8	150 x 200	150		150	68	08-3501-0608-00
8x10	200 x 250	150		320	145	08-3501-0810-00
8x12	200 x 300	150		350	159	08-3501-0812-00

This includes plugging machine, plugging head assembly and chip sweep (sealing element sold separately).

<sup>1</sup> Standard - 1" diameter control bar.

\*Pressure rating for each size may vary as pipe content temperature increases. Please see Technical Datasheets for more details.

## Cases for Plugging Machines

Size	Part Number
1-1/4	08-2481-0006
1-1/2	08-2481-0006
2	08-2481-0006
3	08-2565-0001-00
3x4	08-2565-0001-00
4	08-2565-0002-00
4x6	08-2565-0003-00
6	08-2565-0004-00 <sup>1</sup>
6	08-2565-0007-00
6x8	08-2565-0006-00
8	08-2565-0004-00
8x10	08-2565-0005-00
8x12	08-2565-0005-00
10	08-2565-0009-00
12	08-2565-0009-00

<sup>1</sup> Note: 08-2565-0004-00 6-inch is for 08-3500-0600-00

## SHORTSTOPP® II Sealing Elements

Size		Standard 60 psi †	Thinwall 60 psi	Standard 150 psi †	Thinwall 150 psi* †
1-1/4	32	08-0114-0125 †	--	--	--
1-1/2	40	08-0114-0015 †	--	--	--
2	50	08-0114-0002	08-0501-0200	08-3427-0002 †	--
3	80	08-0114-0003	08-0502-0003	08-3427-0003 †	08-3428-0003 †
4	100	08-0114-0004	08-0502-0004	08-3427-0004 †	08-3428-0004 †
6	150	08-0114-0006	08-0502-0006	08-3427-0006-SUFF †	08-3428-0006-SUFF †
8	200	08-0114-0008	08-1719-0008	08-3427-0008-SUFF	08-3428-0008-SUFF
10	250	08-0114-0010	08-1719-0010	08-3427-0010-SUFF	08-3428-0010-SUFF
12	300	08-0114-0012	08-1719-0012	08-3427-0012-SUFF	08-3428-0012-SUFF
3 X 4	80 x 100	--	--	08-2332-0004-SUFF	08-2332-0004-SUFF
4 X 6	100 x 150	--	--	08-2332-0006-SUFF	08-2332-0006-SUFF
6 X 8	150 x 200	--	--	08-2332-0008-SUFF	08-2332-0008-SUFF
8 X 10	200 x 250	--	--	08-2332-0010-SUFF	08-2332-0010-SUFF
8 X 12	200 x 300	--	--	08-2332-0012-SUFF	08-2332-0012-SUFF

\*Specify pipe I.D. when ordering.

† Up to 200 psi



# SHORTSTOPP® II Plugging System

## SHORTSTOPP® II Completion Plug Holders

Size		Weight		Part Number
Inches	DN	Lbs.	Kg.	
1-1/4	32	.4	.2	08-0367-0001
1-1/2	40	.8	.4	08-2301-0000
2	50	.8	.4	08-2301-0000
3	80	3	1.4	08-3394-0000
3 Sq. Dr.	80	3	1.4	08-3393-0000
4	100	4	2	08-3395-0000
6 & 8	150 & 200	8	4	08-3396-0000
10 & 12	250 & 300	15	7	08-3398-0000
3 x 4	80 x 100	3	1.42	08-3394-0000
4 x 6	100 x 150	6	3	08-3392-0000
6 x 8	150 x 200	8	4	08-3396-0000
8 x 10, 12	200 x 250 & 300	12	5	08-3397-0000

## Polyethylene Conversion Kits For Steel Equipment

Refer to TDW Data Sheets: SS-4PE, SS-6PE, SS-8PE

## SHORTSTOPP® II Plugging Head Assemblies - Reduced Branch

Size		Used With (.in)	Plugging Machine		Reduced Branch
Inches	DN		Assembly	Control Bar	Part Number
4	100	3 x 4	08-3501-0304	08-3386-0000	08-3326-0000
6	150	4 x 6	08-3501-0406	08-3387-0000	08-3327-0000
8	200	6 x 8	08-3501-0608	08-3388-0000	08-3329-0000
10	250	8 x 10, 8 x 12	08-3501-0810	08-3389-0000	08-3330-0000

## SHORTSTOPP® II Plugging Head Assemblies - Size-on-Size

Size		Plugging Machine		Size-on-Size
Inches	DN	Assembly	Control Bar	Part Number
1-1/4	32	08-3303-0000	08-3378-0000	08-3302-0000
1-1/2	40	08-3305-0000	08-3378-0000	08-3304-0000
2	50	08-3309-0000	08-3378-0000	08-3306-0000
3	80	08-3500-0300	08-3379-0000	08-3314-0000
4	100	08-3500-0400	08-3379-0000	08-3316-0000
6	150	08-3500-0600	08-3381-0000	08-3318-0000
8	200	08-3500-0800	08-3381-0000	08-3320-0000
10	250	08-3500-1000	08-3382-0000	08-3321-0000
12	300	08-3500-1200	08-3382-0000	08-3322-0000



# SHORTSTOPP® II Plugging System

## SHORTSTOPP® II Adapters for Use with Sight Glass

Size		Weight		Part Number
Inches	DN	Lbs.	Kg.	
1-1/4 - 3 x 4	32 - 80 x 100	16	7	08-2340-0000-00
4 - 6	100 - 150	11	5	<sup>3</sup> 08-2339-0000-01
8 - 12	200 - 300	11	5	<sup>3</sup> 08-2339-0000-02

<sup>1</sup> With Chip Sweep and Magnet  
<sup>3</sup> Requires T-203 Tapping Adapter

## SHORTSTOPP® II SIGHT GLASS Kits

Size		Weight		Part Number
Inches	DN	Lbs.	Kg.	
<sup>1</sup> 1-1/4 - 3	32 - 80	29	13	<sup>2</sup> 08-3423-0000-00
<sup>1</sup> 1-1/4 - 1-1/2	32 - 40	23	11	<sup>2</sup> 08-3423-0000-01
<sup>1</sup> 2	50	23	11	<sup>2</sup> 08-3423-0000-02
<sup>1</sup> 3 - 3 x 4	80 - 80 x 100	24	11	08-3423-0000-03
<sup>1</sup> 4 - 12	100 - 300	16	7	<sup>3</sup> 08-3424-0000-00
<sup>1</sup> 4 - 6	100 - 150	14	7	<sup>3</sup> 08-3424-0000-01
<sup>1</sup> 8 - 12	200 - 300	15	7	<sup>3</sup> 08-3424-0000-02

<sup>1</sup> With Chip Sweep and Magnet  
<sup>2</sup> Includes 3" x 2" Adapter  
<sup>3</sup> Requires T-203 Tapping Adapter