

V	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com MEMBER OF: MEMBER OF:				LOCATION																																																															
	FLOOR OR SHOWER DRAINS WITH ADJUSTABLE STRAINER HEADS																																																																			
	General service floor drain for use in showers, toilets, kitchens and other finished areas where foot traffic is expected. Load Rating: Light Duty having a Safe Live (Static) Load less than 2,000 lbs. (900 kg) per ASME A112.6.3 Floor Drain Standard. For the specific Safe Live Load rating of any grate, contact the Smith representative or factory direct.																																																																			
A (Pipe Size) = 02(50), 03(75), 04(100), 05(125) or 06(150) NO-HUB OUTLET ☐ Fig. 2005Y.....(A) ROUND TOP ☐ Fig. 2005Y.....(B) SQUARE TOP <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Outlet Size</th> <th>Nickel Bronze Strainer Head</th> </tr> </thead> <tbody> <tr> <td>▲ 02(50)</td> <td>05(125) DIA or SQ</td> </tr> <tr> <td>▲ 03(75)</td> <td>06(150) DIA or SQ</td> </tr> <tr> <td>▲</td> <td>08(205) DIA or SQ</td> </tr> </tbody> </table> ▼ This dimension to internal stop of speedi-set gasket. * Add 3/8"(10) to all min/max dimensions for round strainers. * Collar is reversible to obtain extreme high and low strainer positions. ** Not available for 5"(125) size strainer. ** MIN 6 3/4"(170) hole required for core drilled application. SPEEDI-SET OUTLET ☐ Fig. 2005L.....(A) ROUND TOP ☐ Fig. 2005L.....(B) SQUARE TOP <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Strainer Size B DIA or SQ</th> <th colspan="2">*Collar In High Position X</th> <th colspan="2">*Collar In Low Position XX</th> <th colspan="2">Free Area SQ IN (SQ CM)</th> </tr> <tr> <th>MIN</th> <th>MAX</th> <th>MIN</th> <th>MAX</th> <th>ROUND</th> <th>SQUARE</th> </tr> </thead> <tbody> <tr> <td>05 (125)</td> <td>1 1/4(32)</td> <td>2 1/4(57)</td> <td>3/4(19)</td> <td>1 5/8(41)</td> <td>7(45)</td> <td>6.5(42)</td> </tr> <tr> <td>06 (150)</td> <td>1 1/4(32)</td> <td>2 1/4(57)</td> <td>3/4(19)</td> <td>1 5/8(41)</td> <td>9(58)</td> <td>12.5(81)</td> </tr> <tr> <td>07 (180)</td> <td>1 1/4(32)</td> <td>2 1/4(57)</td> <td>7/8(22)</td> <td>1 7/8(48)</td> <td>14(90)</td> <td>11(71)</td> </tr> <tr> <td>08 (205)</td> <td>1 1/2(38)</td> <td>2 1/2(64)</td> <td>1(25)</td> <td>1 7/8(48)</td> <td>17(110)</td> <td>14(90)</td> </tr> <tr> <td>•09 (230)</td> <td>1 1/2(38)</td> <td>2 3/8(60)</td> <td>1(25)</td> <td>1 7/8(48)</td> <td>18(116)</td> <td>16(103)</td> </tr> <tr> <td>•10 (255)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Outlet Size	Nickel Bronze Strainer Head	▲ 02(50)	05(125) DIA or SQ	▲ 03(75)	06(150) DIA or SQ	▲	08(205) DIA or SQ	Strainer Size B DIA or SQ	*Collar In High Position X		*Collar In Low Position XX		Free Area SQ IN (SQ CM)		MIN	MAX	MIN	MAX	ROUND	SQUARE	05 (125)	1 1/4(32)	2 1/4(57)	3/4(19)	1 5/8(41)	7(45)	6.5(42)	06 (150)	1 1/4(32)	2 1/4(57)	3/4(19)	1 5/8(41)	9(58)	12.5(81)	07 (180)	1 1/4(32)	2 1/4(57)	7/8(22)	1 7/8(48)	14(90)	11(71)	08 (205)	1 1/2(38)	2 1/2(64)	1(25)	1 7/8(48)	17(110)	14(90)	•09 (230)	1 1/2(38)	2 3/8(60)	1(25)	1 7/8(48)	18(116)	16(103)	•10 (255)						
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REGULARLY FURNISHED: Duct Cast Iron Body with Flashing Collar and Adjustable Strainer Head as Indicated by Suffix Letter Selected. VARIATIONS: ☐ Flapper Type Backwater Valve -V ☐ Hinged Grate -H ☐ L Speedi-Set Service Weight 2(50), 3(75) & 4"(100) only ☐ LXH Speedi-Set Extra Heavy 2(50), 3(75) & 4"(100) only ☐ Sediment Bucket -B ☐ Trap Primer Connection -P050 1/2" (13) & -P075 3/4" (19) ☐ Vandal Proof Screws -U ☐ Wide Flanged Strainer (Specify Fig. DX2005) ☐ T Threaded Outlet (Specify 2010T) ☐ Heelproof Grate -HP -AHP (Round) or -BHP (Square) ☐ Quad Close Trap Seal (Specify Fig. 2692) ☐ Bronze Body -BB ☐ Chrome Plated Strainer -CP ☐ Galvanized Cast Iron Body -G ☐ Nickel Bronze Strainer -NB ☐ Polished Bronze Strainer -PB ☐ All Stainless Steel (Specify Fig. 9700) ☐ Stainless Steel Strainers -SS [Available in 05(125) & 06(150) sizes only] OPTIONAL MATERIALS:																																																																				



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

L					LOCATION	
	OPTIONAL STRAINER HEADS					
	DRAWING NUMBER	ROUND STRAINER				
	SIZE	FLAPPER TYPE BACKWATER VALVE				
	SCALE	SQUARE STRAINER				
DATE:	STRAINER HEAD w/SQUARE HINGED COVER					
APPROVED BY:	REINFORCED ROUND STRAINER					
CHECKED BY:	REINFORCED TRACTOR STRAINER					
DRAWN BY:	TILE FLANGE					
2010 SERIES OPTIONAL STRAINER HEADS	ADJUSTABLE STRAINER HEAD					
FIGURE NUMBER	FIGURE NUMBER					

FIGURE NUMBER

L	10-26-20
K	7-29-19
J	6-18-19
H	11-3-16

Rev. Finish (Tractor Stainer)
Added Load Rating(s)
Revised DIA to SQ Suf -AV, -B
Revised Suffix-A

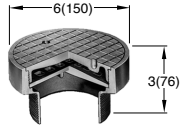
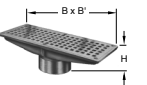
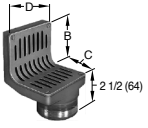
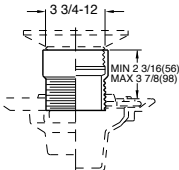
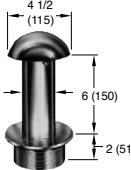
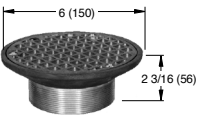
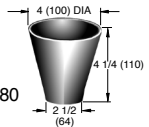
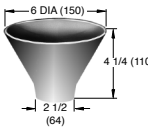
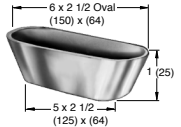
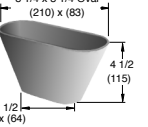
MW
TBW
TBW

CL
JM
TK
CL

FIGURE NUMBER
 2010 SERIES OPTIONAL STRAINER HEADS
 1 of 2

NOTE: Dimensions shown in parentheses are in millimeters.

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L	 SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com  MEMBER OF:  				LOCATION																																																																							
	OPTIONAL STRAINER HEADS																																																																											
DRAWING NUMBER PM0457 SH 2 of 2	SIZE A	SCALE NONE	LOW DOME STRAINER		SOLID HINGED COVER	SPANNER WRENCH COVER																																																																						
			FUNCTION: Used in gutters and recessed areas where excessive debris build-up is expected. Dome insures drainage even when partly covered. MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -GV) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width:100%; font-size: 8px;"> <tr> <th>B DIA</th> <th>05 (125)</th> <th>06 (150)</th> <th>08 (205)</th> </tr> <tr> <td>H</td> <td>2 (51)</td> <td>2 (51)</td> <td>2 1/2 (64)</td> </tr> <tr> <td>MIN</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/2 (38)</td> </tr> <tr> <td>MAX</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> </tr> </table> SUFFIX -G Specify Type, Size & Finish eg: G08PB		B DIA	05 (125)	06 (150)	08 (205)	H	2 (51)	2 (51)	2 1/2 (64)	MIN	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	MAX	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	FUNCTION: Used in areas where intermittent drain use is required. Solid cover prevents intrusion of chips, saw-dust, etc., which are swept up before cover is opened for washdown. The secondary strainer prevents debris from entering the waste line. MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -GV) Vandal Proof Screws -U <table border="1" style="width:100%; font-size: 8px;"> <tr> <th>B DIA</th> <th>05 (125)</th> <th>06 (150)</th> <th>07 (180)</th> <th>08 (205)</th> </tr> <tr> <td>H</td> <td>2 (51)</td> <td>2 (51)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> </tr> <tr> <td>MIN</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/2 (38)</td> </tr> <tr> <td>MAX</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> </tr> </table> SUFFIX -H Specify Type, Size & Finish eg: H05CP	B DIA	05 (125)	06 (150)	07 (180)	08 (205)	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	FUNCTION: Solid gas tight, vandal proof, threaded cover for areas where intermittent drain use is required. MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -JV) Sediment Bucket -B  SUFFIX -J Specify Type, Size & Finish eg: J06NB																																		
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			MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)																																																																					
REINFORCED SQUARE STRAINER FUNCTION: Used in finished floors where some light wheeled traffic is anticipated. MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -KV) Sediment Bucket -B Vandal Proof Screws -U <table border="1" style="width:100%; font-size: 8px;"> <tr> <th>B SQ</th> <th>05 (125)</th> <th>06 (150)</th> <th>07 (180)</th> <th>08 (205)</th> </tr> <tr> <td>H</td> <td>2 (51)</td> <td>2 (51)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> </tr> <tr> <td>MIN</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/4 (32)</td> <td>1 1/2 (38)</td> </tr> <tr> <td>MAX</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> </tr> </table> SUFFIX -K Specify Type, Size & Finish eg: K07CP		B SQ	05 (125)	06 (150)	07 (180)	08 (205)	H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	RECTANGULAR STRAINER FUNCTION: Used in finished floors where light wheeled loads and or heavy foot traffic are anticipated. MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Sediment Bucket -B Vandal Proof Screws -U  <table border="1" style="width:100%; font-size: 8px;"> <tr> <th>SUFFIX</th> <th>L</th> <th>M</th> <th>N</th> <th>P</th> <th>R</th> <th>T</th> </tr> <tr> <td>B x B'</td> <td>4 1/2 (115)</td> <td>4 1/2 (115)</td> <td>5 (125)</td> <td>5 (125)</td> <td>6 (150)</td> <td>6 (150)</td> </tr> <tr> <td>H</td> <td>2 1/4 (57)</td> <td>2 1/2 (64)</td> <td>2 1/4 (57)</td> <td>3 (76)</td> <td>2 1/4 (57)</td> <td>3 (76)</td> </tr> <tr> <td>MIN</td> <td>1 3/8 (35)</td> <td>1 7/8 (48)</td> <td>1 3/8 (35)</td> <td>2 1/8 (54)</td> <td>1 3/8 (35)</td> <td>2 1/4 (57)</td> </tr> <tr> <td>MAX</td> <td>2 3/8 (60)</td> <td>2 3/4 (70)</td> <td>2 3/8 (60)</td> <td>3 (76)</td> <td>2 3/8 (60)</td> <td>3 1/8 (79)</td> </tr> </table> SUFFIX -L-M-N-P-R-T Specify Type, Size & Finish eg: LNB	SUFFIX	L	M	N	P	R	T	B x B'	4 1/2 (115)	4 1/2 (115)	5 (125)	5 (125)	6 (150)	6 (150)	H	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	3 (76)	2 1/4 (57)	3 (76)	MIN	1 3/8 (35)	1 7/8 (48)	1 3/8 (35)	2 1/8 (54)	1 3/8 (35)	2 1/4 (57)	MAX	2 3/8 (60)	2 3/4 (70)	2 3/8 (60)	3 (76)	2 3/8 (60)	3 1/8 (79)	ANGLE STRAINER FUNCTION: Shower room drain set at wall and floor junction. Vertical grate openings prevent drain stoppage should flat surface become covered. MATERIALS: Chrome Plated -CP Polished Bronze -PB Nickel Bronze -NB VARIATIONS: Vandal Proof Screws -U  <table border="1" style="width:100%; font-size: 8px;"> <tr> <th>SUFFIX</th> <th>B</th> <th>C</th> <th>D</th> <th>MIN</th> <th>MAX</th> </tr> <tr> <td>-V</td> <td>3 1/2 (89)</td> <td>3 1/2 (89)</td> <td>4 1/2 (115)</td> <td>1 5/8 (41)</td> <td>2 5/8 (67)</td> </tr> <tr> <td>-W</td> <td>6 3/4 (170)</td> <td>6 3/4 (170)</td> <td>6 1/2 (165)</td> <td>1 5/8 (41)</td> <td>2 5/8 (67)</td> </tr> </table> SUFFIX -V-W Specify Type, Size & Finish eg: VPB, WNB	SUFFIX	B	C	D	MIN	MAX	-V	3 1/2 (89)	3 1/2 (89)	4 1/2 (115)	1 5/8 (41)	2 5/8 (67)	-W	6 3/4 (170)	6 3/4 (170)	6 1/2 (165)	1 5/8 (41)	2 5/8 (67)
B SQ	05 (125)	06 (150)	07 (180)	08 (205)																																																																								
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-W	6 3/4 (170)	6 3/4 (170)	6 1/2 (165)	1 5/8 (41)	2 5/8 (67)																																																																							
EXTENSION ADAPTOR FUNCTION: Used when a strainer head must be raised to accommodate deeper floor fill.  REGULARLY FURNISHED: Duct Cast Iron -CI MATERIALS: Cast Bronze -CB Galvanized Cast Iron -G NOTE: Extension can be stacked for increased maximum adjustment. SUFFIX -X		OVERFLOW WITH STANDPIPE FUNCTION: Used as overflow drain in decorative pools, fish ponds or similar areas. Dome prevents floating objects from entering drain line.  <table border="1" style="width:100%; font-size: 8px;"> <tr> <th>SUFFIX</th> <th>A SIZE</th> <th>MIN</th> <th>MAX</th> </tr> <tr> <td>-Y</td> <td>2 (51)</td> <td>3/4 (19)</td> <td>2 1/8 (54)</td> </tr> <tr> <td>-Z</td> <td>3 (76)</td> <td>3/4 (19)</td> <td>2 1/8 (54)</td> </tr> </table> SUFFIX -Y-Z Specify Type, Size & Finish eg: YCP, ZCP		SUFFIX	A SIZE	MIN	MAX	-Y	2 (51)	3/4 (19)	2 1/8 (54)	-Z	3 (76)	3/4 (19)	2 1/8 (54)	HEAVY DUTY ADJUSTABLE FUNCTION: Used in finished floors where light wheeled loads and or heavy foot traffic are anticipated.  MATERIALS: Polished Bronze -PB Rough Bronze -RB Nickel Bronze -NB VARIATIONS: Flapper Type Backwater Valve (Specify Suffix -69V) Sediment Bucket -B Vandal Proof Screws -U SUFFIX -69 eg: A06NB-69																																																												
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 Fig. 3580  Fig. 3581  Fig. 3590  Fig. 3591		<table border="1" style="width:100%; font-size: 8px;"> <tr> <th>L</th> <td>7-29-19</td> <td rowspan="5">Added Load Rating(s) Rev. Materials Suffix -H, -V-W Rev. Variations of Suffix -J Revised Revised Tables</td> <th>MW</th> <td>TBW</td> <th>JM</th> <td>CL</td> </tr> <tr> <th>K</th> <td>10-20-17</td> <th>TBW</th> <td>AM</td> </tr> <tr> <th>J</th> <td>1-17-12</td> <th>TBW</th> <td>BS</td> </tr> <tr> <th>H</th> <td>8-24-99</td> <th>CMD</th> <td></td> </tr> <tr> <th>G</th> <td>6-11-99</td> <td></td> </tr> <tr> <th>REV.</th> <td>DATE</td> <td>DESCRIPTION</td> <th>BY</th> <td>CKD. BY</td> <td></td> <td></td> </tr> </table>		L	7-29-19	Added Load Rating(s) Rev. Materials Suffix -H, -V-W Rev. Variations of Suffix -J Revised Revised Tables	MW	TBW	JM	CL	K	10-20-17	TBW	AM	J	1-17-12	TBW	BS	H	8-24-99	CMD		G	6-11-99		REV.	DATE	DESCRIPTION	BY	CKD. BY																																														
L	7-29-19	Added Load Rating(s) Rev. Materials Suffix -H, -V-W Rev. Variations of Suffix -J Revised Revised Tables	MW	TBW	JM		CL																																																																					
K	10-20-17		TBW	AM																																																																								
J	1-17-12		TBW	BS																																																																								
H	8-24-99		CMD																																																																									
G	6-11-99																																																																											
REV.	DATE	DESCRIPTION	BY	CKD. BY																																																																								
FIGURE NUMBER 2010 SERIES OPTIONAL STRAINER HEADS 2 of 2																																																																												

NOTE: Dimensions shown in parentheses are in millimeters.



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov