

Y Strainer

Ductile Iron Table E Flanged

YSDI-TEF Series

Size: 50mm to 600mm

Body: Fusion Bonded Epoxy Coated Ductile Iron

Screen: 304 Stainless Steel (Refer to options)

Pressure Range: Up to 16 BAR

Connections: AS2129 Table E / AS4087 PN16

Factory Accredited CE, ISO 9001, TUV, WRAS



Fusion Bonded Epoxy Coated Ductile Iron Y Strainer Flanged to Table E with 304 Stainless Steel Mesh (refer to dimensions for mesh size). This Y strainer is ideal for waste water or other applications where straining needs to occur in an efficient and simple manner.

Tested in accordance with API 598.

Model	DN (mm)	Pressure Range	Media Temp	Weight (kg)	Plug Size
YSDI-TEF-050	50	Up to 16 BAR	0 to 80°C	9.6	1/4"
YSDI-TEF-065	65	Up to 16 BAR	0 to 80°C	12.3	3/8"
YSDI-TEF080	80	Up to 16 BAR	0 to 80°C	17	1/2"
YSDI-TEF-100	100	Up to 16 BAR	0 to 80°C	28.1	1/2"
YSDI-TEF-125	125	Up to 16 BAR	0 to 80°C	40	1/2"
YSDI-TEF-150	150	Up to 16 BAR	0 to 80°C	48.9	1"
YSDI-TEF-200	200	Up to 16 BAR	0 to 80°C	82.3	1"
YSDI-TEF-250	250	Up to 16 BAR	0 to 80°C	127.3	1"
YSDI-TEF-300	300	Up to 16 BAR	0 to 80°C	200	1"
YSDI-TEF-350	350	Up to 16 BAR	0 to 80°C	320	1"
YSDI-TEF-400	400	Up to 16 BAR	0 to 80°C	420	1"
YSDI-TEF-450	450	Up to 16 BAR	0 to 80°C	620	1"
YSDI-TEF-500	500	Up to 16 BAR	0 to 80°C	780	1"
YSDI-TEF-600	600	Up to 16 BAR	0 to 80°C	1050	1"

Refer to Page 3 for Screen Aperture Options



Dimensions

Materials



MONARCH
STRAINER SCREENS

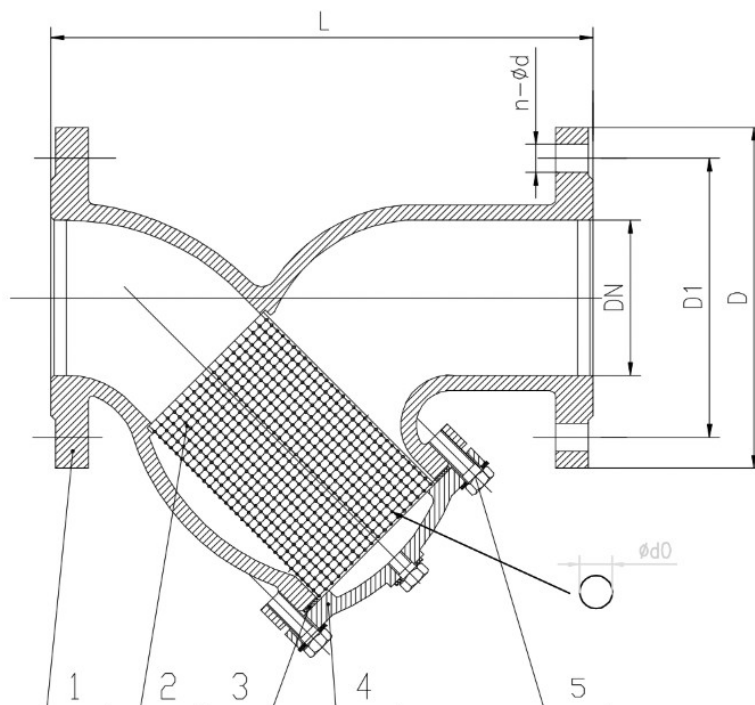
Screen Options

Unless otherwise quoted, strainers are supplied with standard screen as listed.

Monarch fabricates a wide variety of spare & replacement screens. Please refer to screen options attached.

Please note:

Clean Differential Pressure may change due a change in screen aperture size.



DN	L	D	D1	n-d	d0	Mesh	Approx. mm
50	230	150	114	4*18	2	10	2
65	290	165	127	4*18	2	10	2
80	310	185	146	4*18	3	7	2.83
100	350	215	178	8*18	3	7	2.83
125	400	255	210	8*18	3	7	2.83
150	480	280	235	8*22	4.5	4	4.76
200	600	335	292	8*22	5	4	4.76
250	730	405	356	12*22	5	4	4.76
300	850	455	406	12*26	5	4	4.76
350	980	525	470	12*26	5	4	4.76
400	1100	580	521	12*26	5	4	4.76
450	1200	640	584	16*26	5	4	4.76
500	1250	705	641	16*26	5	4	4.76

Number	Part	Material	Grade	Standard
1	Body	Ductile Iron	GGG50	ASTM A536
2	Screen	Stainless Steel	SS304	ASTM A370
3	Seating	Rubber	EPDM	
4	Bonnet	Ductile Iron	GGG50	ASTM A536
5	Bolt	Stainless Steel	SS304	ASTM A370

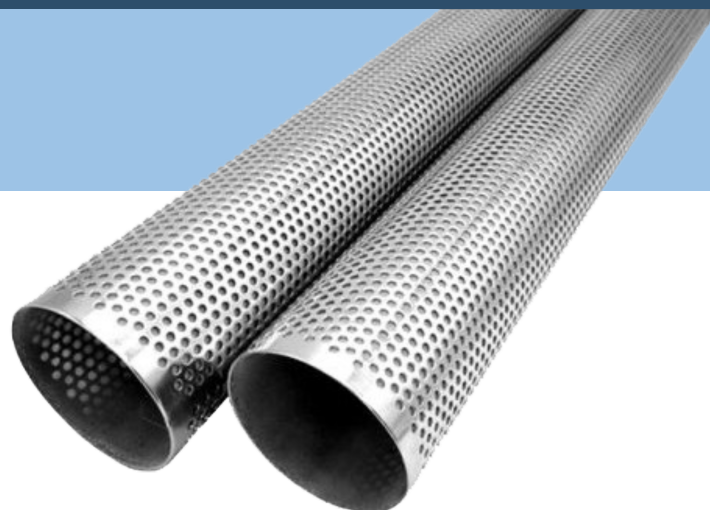
Screen Size Options

Perforated 304 Stainless

0.5mm perforations
 0.8mm perforations
 1.0mm perforations
 1.5mm perforations
 2mm perforations
 3mm perforations
 4mm perforations
 5mm perforations
 6mm perforations
 8mm perforations
 10mm perforation
 12mm perforations

Perforated 316 Stainless

0.8mm perforations
 1.1mm perforations
 1.5mm perforations
 2mm perforations
 3mm perforations
 4mm perforations
 5mm perforations
 10mm perforation



Woven Wire Mesh (316)

900 Micron
 810 Micron
 530 Micron
 415 Micron
 310 Micron
 260 Micron
 210 Micron
 190 Micron
 150 Micron
 130 Micron
 100 Micron
 80 Micron

Hollander Weave Mesh (316)

(5/14) 5 Micron Nominal, 14 Micron Absolute
 (10/18) 10 Micron Nominal, 18 Micron Absolute
 (15/26) 15 Micron Nominal, 26 Micron Absolute
 (25/38) 25 Micron Nominal, 38 Micron Absolute
 (35/45) 35 Micron Nominal, 45 Micron Absolute

Please note: Suitability of screen sizes will depend on Body Size, Flow rate and Viscosity.

Please contact our sales team for sizes not listed.