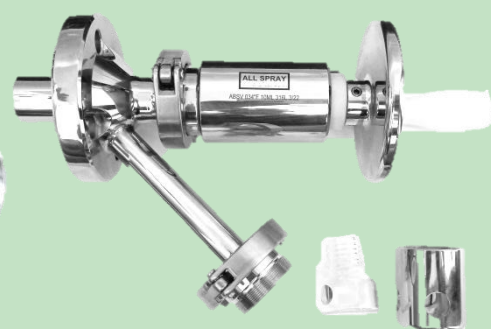
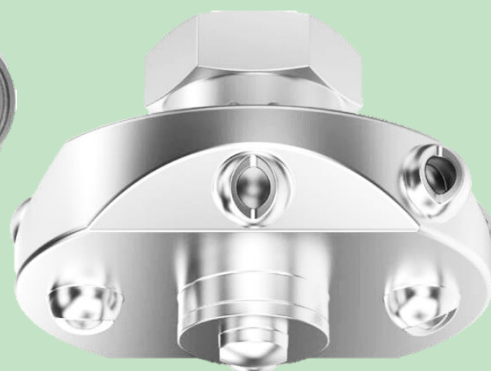


ALLSPRAY SOLUTIONS

ENGINEERING YOUR SPRAY TECHNOLOGY



PRODUUCT CATALOGUE
2023-24

Company Profile

Allspray Solutions was established at 2018. The main objective is to provide solutions for industrial Spray nozzles & systems. We have an experience of 20 years in spray nozzles & Systems Designing, manufacturing and installation in various process industries.

We have vast experience in Pharma, Food & Brewages, Cement, Chemical, Dairy, Steel, Automobile, Petro Chemical, Power Generations, Mining etc. We have done various success projects in this industries.

Our mission is to provide consistent quality product & timely delivery with cost effective to our costumer. Also with our costumer feed back we keep adding any new changes in our product.

Rotating Cleaning Nozzle

Allspray Rotating Spray Ball – ARSB TR Series

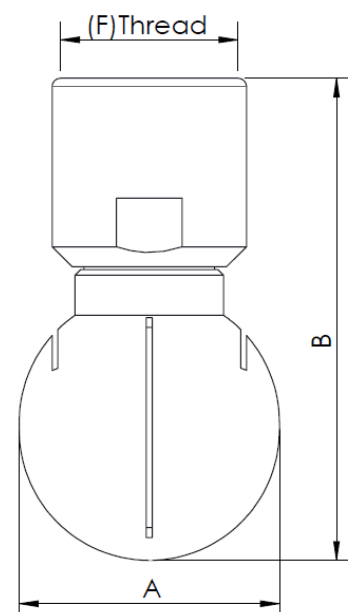
Features

The innovative balanced slotted design make effective cleaning, the double ball bearing design make it reliable and durable. This nozzle completely made of Stainless Steel and designed to use in high temperature. Tailor made design, size and flow rate also available for different process tanks. Apart from Stainless Steel it is available in Hastelloy also.

Material SS 316L, Hastelloy C22	Required line filter 100 micron	Code description				
Recommended Operating pressure 2 – 3 Bar	Installation At any angle	Size ¼" - 2.0"	Flow 019 – 249 i/min @ 2 bar	Material Hast 22 – Hastelloy C22 316L – Stainless Steel		
Bearing Double ball bearing made of SS 316L	Max. Temperature 140 ° C / 284 ° F	ARSB ↓ AllSpray Rotating Spray Ball	034 ↑	TR ↓ End Connection TR - Thread(F) TM - Thread(M)	089 ↑	360A ↓ Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down
						316L ↑

Data sheet

Thread BSPP female	Order no.	l/min				Size (mm)		Tank dia [m]
		1.0 bar	1.5 bar	2.0 bar	3.0 bar	A	B	
1/8	ARSB 018 TR 012 360A 316L	8.5	10.5	12	15	21	59	0.1 - 0.3
	ARSB 018 TR 015 360A 316L	10.5	13	15	18.5			
	ARSB 018 TR 019 360A 316L	13.5	16.5	19	23.5			
1/4	ARSB 014 TR 012 360A 316L	8.5	10.5	12	15	21	59	0.1 - 0.3
	ARSB 014 TR 015 360A 316L	10.5	13	15	18.5			
	ARSB 014 TR 019 360A 316L	13.5	16.5	19	23.5			
3/8	ARSB 038 TR 019 360A 316L	13.5	16.5	19	23.5	25	71	0.3 - 0.5
	ARSB 038 TR 029 360A 316L	20.5	25	29	36			
	ARSB 038 TR 039 360A 316L	27.5	34	39	48			
1/2	ARSB 012 TR 039 360A 316L	27.5	34	39	48	34	79	0.5 - 1.0
	ARSB 012 TR 049 360A 316L	34.5	42.5	49	60.5			
	ARSB 012 TR 059 360A 316L	42	51	59	73			
	ARSB 012 TR 069 360A 316L	49	60	69	85			
3/4	ARSB 034 TR 069 360A 316L	49	60	69	85	44	89	1.0 - 1.5
	ARSB 034 TR 079 360A 316L	56	68.5	79	97.5			
	ARSB 034 TR 089 360A 316L	63	77.5	89	110			
	ARSB 034 TR 099 360A 316L	70	86	99	122			
	ARSB 034 TR 109 360A 316L	77.5	95	109	135			
1	ARSB 001 TR 099 360A 316L	70	86	99	122	44	94	1.5 - 2.0
	ARSB 001 TR 109 360A 316L	77	95	109	135			
	ARSB 001 TR 119 360A 316L	84.5	103	119	147			
	ARSB 001 TR 129 360A 316L	91.5	112	129	159			
	ARSB 001 TR 139 360A 316L	98.5	121	139	172			
1-1/4	ARSB 114 TR 149 360A 316L	106	130	149	184	49	99	2.0 - 2.5
	ARSB 114 TR 169 360A 316L	120	147	169	209			
	ARSB 114 TR 189 360A 316L	134	165	189	233			
	ARSB 114 TR 209 360A 316L	148	182	209	258			
1-1/2	ARSB 112 TR 229 360A 316L	163	199	229	283	64	120	2.5 - 3.0
	ARSB 112 TR 249 360A 316L	177	217	249	307			
	ARSB 112 TR 269 360A 316L	191	234	269	332			



Rotating Cleaning Nozzle

Allspray Rotating Spray Ball – ARSB SO Series

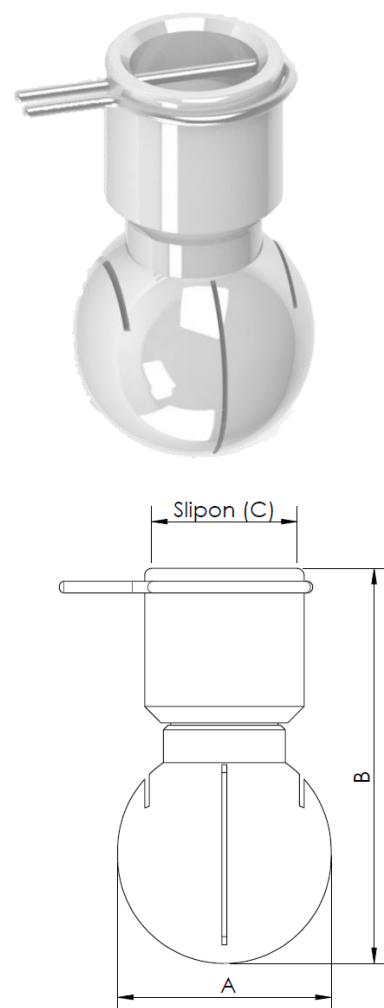
Features

This Pin Type design is mostly used in the equipment where vibration is high. The innovative balanced slotted design make effective cleaning, the double ball bearing design make it reliable and durable. This nozzle completely made of Stainless Steel and designed to use in high temperature. Tailor made design, size and flow rate also available for different process tanks. Apart from Stainless Steel it is available in Hastelloy also. This design ensures that nozzle will not loosen and fell down due to vibration.

Code description

Material SS 316L, Hastelloy C22	Bearing Double ball bearing made of SS 316L	1/4" - 2.0" Size ↑ 034	019 – 249 i/min Flow @ 2 bar ↑ SO	089	360A	316L
Max. Temperature 140 ° C / 284 ° F	Installation At any angle	ARSB ↓ AllSpray Rotating Spray Ball	SO ↓ End Connection SO – Pin Type		360A ↓ Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down	
Recommended Operating pressure 2 – 3 Bar	Required line filter 100 micron`					
Data sheet						

Slipon Size (ID in mm)	Order no.	Liter Per Minute (l/min) @				Size (mm)		Tank dia [m]
		1.0 bar	1.5 bar	2.0 bar	3.0 bar	A	B	
1/2"(ID 12.7 mm)	ARSB 012 SO 012 360A 316L	8.5	10.5	12	15	21	51	0.1 - 0.3
	ARSB 012 SO 015 360A 316L	10.5	13	15	18.5			
	ARSB 012 SO 019 360A 316L	13.5	16.5	19	23.5			
5/8"(ID 15.9 mm)	ARSB 058 SO 019 360A 316L	13.5	16.5	19	23.5	25	71	0.3 - 0.5
	ARSB 058 SO 029 360A 316L	20.5	25	29	36			
	ARSB 058 SO 039 360A 316L	27.5	34	39	48			
3/4"(ID 19.05 mm)	ARSB 034 SO 039 360A 316L	27.5	34	39	48	34	79	0.5 - 1.0
	ARSB 034 SO 049 360A 316L	34.5	42.5	49	60.5			
	ARSB 034 SO 059 360A 316L	42	51	59	73			
	ARSB 034 SO 069 360A 316L	49	60	69	85			
1"(ID 25.4 mm)	ARSB 001 SO 069 360A 316L	49	60	69	85	44	89	1.0 - 1.5
	ARSB 001 SO 079 360A 316L	56	68.5	79	97.5			
	ARSB 001 SO 089 360A 316L	63	77.5	89	110			
	ARSB 001 SO 099 360A 316L	70	86	99	122			
	ARSB 001 SO 109 360A 316L	77.5	95	109	135			
1-1/4"(ID 31.75 mm)	ARSB 114 SO 099 360A 316L	70	86	99	122	44	94	1.5 - 2.0
	ARSB 114 SO 109 360A 316L	77	95	109	135			
	ARSB 114 SO 119 360A 316L	84.5	103	119	147			
	ARSB 114 SO 129 360A 316L	91.5	112	129	159			
	ARSB 114 SO 139 360A 316L	98.5	121	139	172			
1-1/2"(ID 38.1 mm)	ARSB 112 SO 149 360A 316L	106	130	149	184	64	120	2.0 - 2.5
	ARSB 112 SO 169 360A 316L	120	147	169	209			
	ARSB 112 SO 189 360A 316L	134	165	189	233			
	ARSB 112 SO 209 360A 316L	148	182	209	258			
2"(ID 50.8 mm)	ARSB 002 SO 229 360A 316L	163	199	229	283	64	120	2.5 - 3.0
	ARSB 002 SO 249 360A 316L	177	217	249	307			
	ARSB 002 SO 269 360A 316L	191	234	269	332			



Rotating Cleaning Nozzle

Allspray Rotating Spray Ball – ARSB TC Series

Features

This Tri-Ferrule Type design is mostly used in the equipment where vibration is high. The innovative balanced slotted design make effective cleaning, the double ball bearing design make it reliable and durable. This nozzle completely made of Stainless Steel and designed to use in high temperature. Tailor made design, size and flow rate also available for different process tanks. Apart from Stainless Steel it is available in Hastelloy also. This design ensures that nozzle will not loosen and fell down due to vibration

Material

SS 316L, Hastelloy C22

Max. Temperature

140 ° C / 284 ° F

Recommended

Operating pressure

2 – 3 Bar

Installation

At any angle

Required line filter

100 micron`

Bearing

Double ball bearing made of SS 316L

Data Sheet

Will be provided on request

Code description

	¼" - 2.5" Size	019 – 249 l/min Flow @ 2 bar	Hast 22 – Hastelloy C22 316L – Stainless Steel Material
ARSB	112	TC	089
↓ AllSpray Rotating Spray Ball	↑	↓ End Connection TC – Tri Ferrule	↑
			360A
			↓ Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down
			316L



Rotating Cleaning Nozzle

Allspray Rotating High Impact – ARHI TR Series

Features

The innovative controlled rotation (40 to 70 RPM) and flat water curtain jets make the nozzle very effective cleaning , the slide bearing and controlled rotation design make it reliable and durable. This nozzle rotates with a speed ranging from 40 to 70 RPM. This nozzle completely made of Stainless Steel and designed to use in high temperature. Tailor made design, size and flow rate also available for different process tanks. Apart from Stainless Steel it is available in Hastelloy also.

Material

SS 316L, Hastelloy C22

Max. Temperature

80 ° C / 176 ° F

Recommended

Operating pressure

5 – 10 Bar

Installation

At any angle

Required line filter

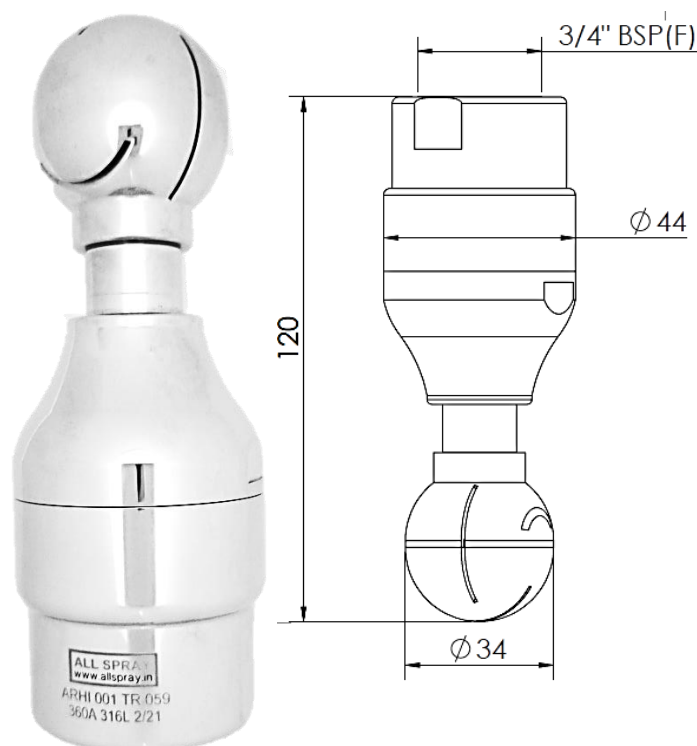
100 micron`

Bearing

Slide bearing made of PTFE

Code description

ARHI ↓ AllSpray Rotating High Impact
012 ↑ 3/8" - 3/4" Size
TR ↓ End Connection TR – Threaded
049 ↑ 059 – 249 l/min Flow @ 5 bar
360A ↓ Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down
316L ↑ Hast 22 – Hastelloy C22 316L – Stainless Steel Material



Data sheet

Thread Size in BSP(F)	Order no.	l/min			Tank dia [m]
		5.0 Bar	8.0 Bar	10.0 Bar	
3/8	ARHI 038 TR 039 360A 316L	65	82	95	1.0 - 2.0
1/2	ARHI 012 TR 059 360A 316L	94	119	134	1.5 - 2.5
	ARHI 012 TR 079 360A 316L	125	158	179	2.0 - 3.0
3/4	ARHI 034 TR 079 360A 316L	125	158	179	2.0 - 3.0
	ARHI 034 TR 089 360A 316L	141	179	202	2.5 - 3.5
	ARHI 034 TR 099 360A 316L	157	199	225	4.0 - 5.0

Rotating Cleaning Nozzle

Allspray Inline Rotating Spray Ball – AIRSB TR Series

Features

This type of nozzle is used to clean vertical ducts, new slot design make the nozzle Highly effective for cleaning of FBP / FBD Duct. It is commonly used for vertical duct cleaning. Taylor made design, size and flow rate also available.

Material

SS 316L, Hastelloy C22

Max. temperature

140 ° C / 284 ° F

Recommended Operating pressure

2 Bar

Installation

Vertical Down

Required line filter

100 micron

Bearing

Double ball bearing made of SS 316L

Code description

1/2"

Size

29 – 89 l/min

Flow @ 2 bar

Hast 22 – Hastelloy C22

316L – Stainless Steel

Material

AIRSB

↓

AllSpray Inline Rotating Spray Ball

012

↑

1/2"

Size

TR

↓

Connection

TR - Threaded

049

↑

29 – 89 l/min

Flow @ 2 bar

360A

↓

Spray coverage

360A - 360° All

180U – 180° Up

180D - 180° Down

316L

↑

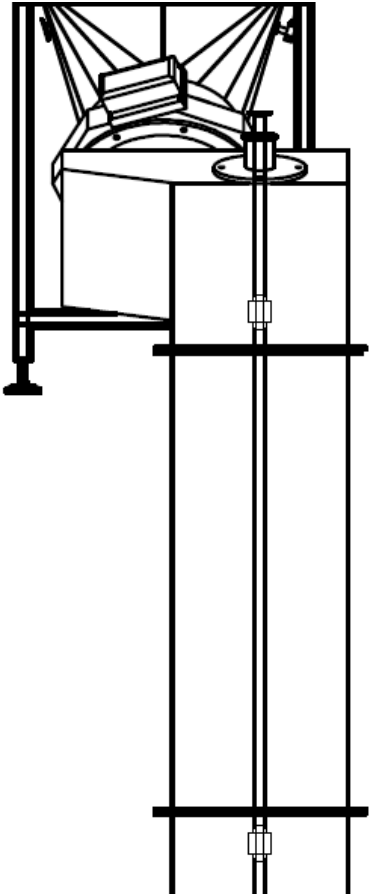
Hast 22 – Hastelloy C22

316L – Stainless Steel

Material

Data sheet

Thread BSPP Female	Order no.	l/min				Dimension (mm)			Duct Dia up to
		1.0 bar	1.5 bar	2.0 bar	3.0 bar	A	B	C	
1/2"	AIRSB 012 SO 029 360A 316L	21	25	29	36	20	50	12.75	400 mm
	ARSB 012 SO 015 360A 316L	28	34	39	48				
	ARSB 012 SO 019 360A 316L	35	43	49	61				



Rotating Cleaning Nozzle

Allspray Rotating Spray Ball – ARSB PTFE Series

Features

This type of spray balls are used in acidic environment where Stainless Steel cant with stand. It is mostly used in glass lined reactors, hastaloy reactors. This nozzle is self draining. Tailor made design, size and flow rate also available for different process tanks.

Material

PTFE , Peek, PP

Max. temperature

80 ° C / 176 ° F

Recommended

Operating pressure

2 Bar

Installation

At any angle

Required line filter

100 micron

Bearing

Slide bearing made of PTFE

Code description

	038 : 3/8"		069 – 69 l/min		PTFE – Teflon
	114 : 1-1/4"		249 – 249 i/min		PE - Peek
	Size		Flow @ 2 bar		Material
ARSB	034	TR	089	360A	PTFE
↓	↑	↓	↑	↓	↑
AllSpray Rotating Spray Ball		Connection TR - Thread SO – Pin Type		Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down	



Allspray Rotating Spray Ball – ARSB PTFE High Temperature Series

Features

This type of spray balls can be used for high temperature up to 140 ° C / 284 ° F, this is due to the hastelloy ring provided in the nozzle which will control the dimensional deformation of PTFE, and in acidic environment where Stainless Steel cant with stand. It is mostly used in glass lined reactors, hastaloy reactors. This nozzle is self draining. Tailor made design, size and flow rate also available for different process tanks.

Material

PTFE , Ring Hastelloy C22.

Bearing

Slide bearing made of PTFE

Max. temperature

140 ° C / 284 ° F

Recommended

Operating pressure

2 Bar

Installation

At any angle

Required line filter

100 micron



Rotating Cleaning Nozzle

Allspray Max Flow Rotating Spray Ball – AMRS TR Series

Features

The new Flat spray design is used High effective cleaning in larger process vessel above 2 metre in diameter. Non clogging design with large opening. Taylor made design, size and flow rate also available.

Material
SS 316L, Hastelloy C22

Max. temperature
90 ° C / 194 ° F

**Recommended
Operating pressure**
3 Bar

Installation
Vertical Down

Required line filter
300 micron

Bearing
Slide bearing of PTFE

Code description

001 : 1"
002 : 2"
Size

↑

114

169 – 169 l/min
399 – 399 l/min
Flow @ 2 bar

↑

099

Hast 22 – Hastelloy C22
316L – Stainless Steel
Material

↑

316L

AMRB

↓

AllSpray
Max Flow
Rotating
Spray Ball

TR

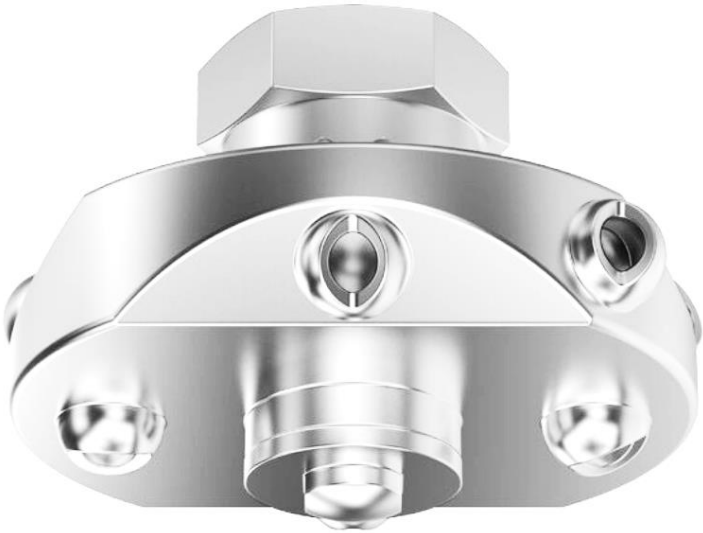
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Connection
TR - Threaded

360A

↓

Spray coverage
360A - 360° All
180U – 180° Up
180D - 180° Down



Data sheet

Thread Size in BSP	Order no.	l/min				Dimension (mm)			Maximum tank diameter[m]
		1.0 bar	1.5 bar	2.0 bar	3.0 bar	A	B	C	
1"	AMRS 001 TR 169 360A 316L	120	147	169	209				3.0 - 4.0
	AMRS 001 TR 199 360A 316L	141	173	199	246				
	AMRS 001 TR 259 360A 316L	184	225	259	320				
2"	AMRS 002 TR 299 360A 316L	212	260	299	369				4.0 - 5.0
	AMRS 002 TR 349 360A 316L	248	304	349	431				
	AMRS 002 TR 399 360A 316L	283	347	399	493				

Rotating Cleaning Nozzle

Allspray Retracting Rotating Spray Ball – ARRB Series

Features

This is normally used for cleaning pipes, to flush out tank wall. When fluid pressure is given rotating head is extended and starts to spin. Particularly used in pharmaceutical, chemical, food and beverage industry. Taylor made design, size and flow rate also available.

Material

SS 316L, Hastelloy C22

Max. temperature
80 ° C / 176 ° F

Recommended
Operating pressure
2 Bar

Installation
Vertical Down

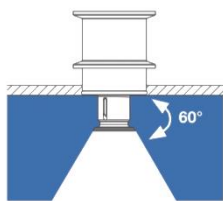
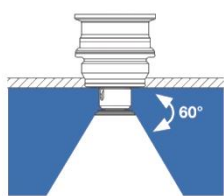
Required line filter
100 micron

Bearing

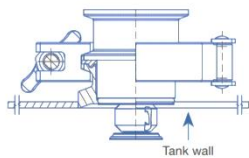
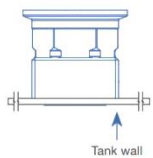
Slide bearing of PTFE

Code description

	114 : 1-1/4" Size	049 – 49 l/min Flow @ 2 bar	Hast 22 – Hastelloy C22 316L – Stainless Steel Material
ARRB	114	TR	90-300D
↓ AllSpray Retracting Spray Ball	↑	↑ Connection TR - Threaded TC – Tri ferrule	↓ Spray coverage 180U – 180° Up
			316L



Spray Pattern



Nozzle Mounting



Static Cleaning Nozzle

Allspray Static Spray Ball – ASSB Series

Features
This spray ball is used in high temperature application, as there is no rotating action, it is used in WFI (Water for Injection) tanks cleaning. It is also used in Reactor vessel cleaning. It is also used for steam to sanitization the process tanks.

Material	Code description			
SS 316L, Hastelloy C22				
Max. temperature 200 ° C / 392 ° F	112 : 1-1/2" 114 : 1-1/4" Tri Ferrule	069 – 69 l/min 249 – 249 i/min Flow @ 2 bar		Hast 22 – Hastelloy C22 316L – Stainless Steel Material
Recommended Operating pressure 3 Bar	ASSB ↓ AllSpray Static Spray Ball	114 ↑ TR ↓ Connection TR - Threaded	049 ↑ 360D ↓ Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down	316L ↑
Installation At any angle				
Required line filter 300 micron				



Cleaning Lance Assembly

Allspray Cleaning Lance Assly – ACLA Series

Features

We also supply spray ball Lance systems as per the costumer requirement. We also make in different materials like Stainless Steel, PTFE, Hastaloy, etc.

Material

SS 316L, Hastelloy C22, PTFE, etc.

Max. temperature

200 ° C

Code description

	112 : 1-1/2"		069 – 69 l/min		Hast 22 – Hastelloy C22
	114 : 1-1/4"		249 – 249 i/min		316L – Stainless Steel
	Tri Ferrule		Flow @ 2 bar		Material
ACLA	114	TR	049	360D	316L
↓	↑	↓	↑	↓	↑
AllSpray Cleaning Lance Assly.		Connection TR - Threaded		Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down	



Bottom Sampling Valve Sampling Valve

Allspray Bottom Sampling Valve – ABSV Series

Features

This valve is used in RCVD/ANFD to collect sample under pressurised or vacuum condition. Our new design of PTFE piston ensures a perfect tightness from vacuum and pressure up to 12 Bar(155 PSI). Another advantage of our valve design is in full closed condition the piston is flush with the connection point, ensure no dead space. Our standard size sampling valve is used for sampling applications of powders, granules, pastes, and liquids under process conditions in pharmaceuticals, chemical and food industries.

Max. temperature
180 ° C / 356 ° F

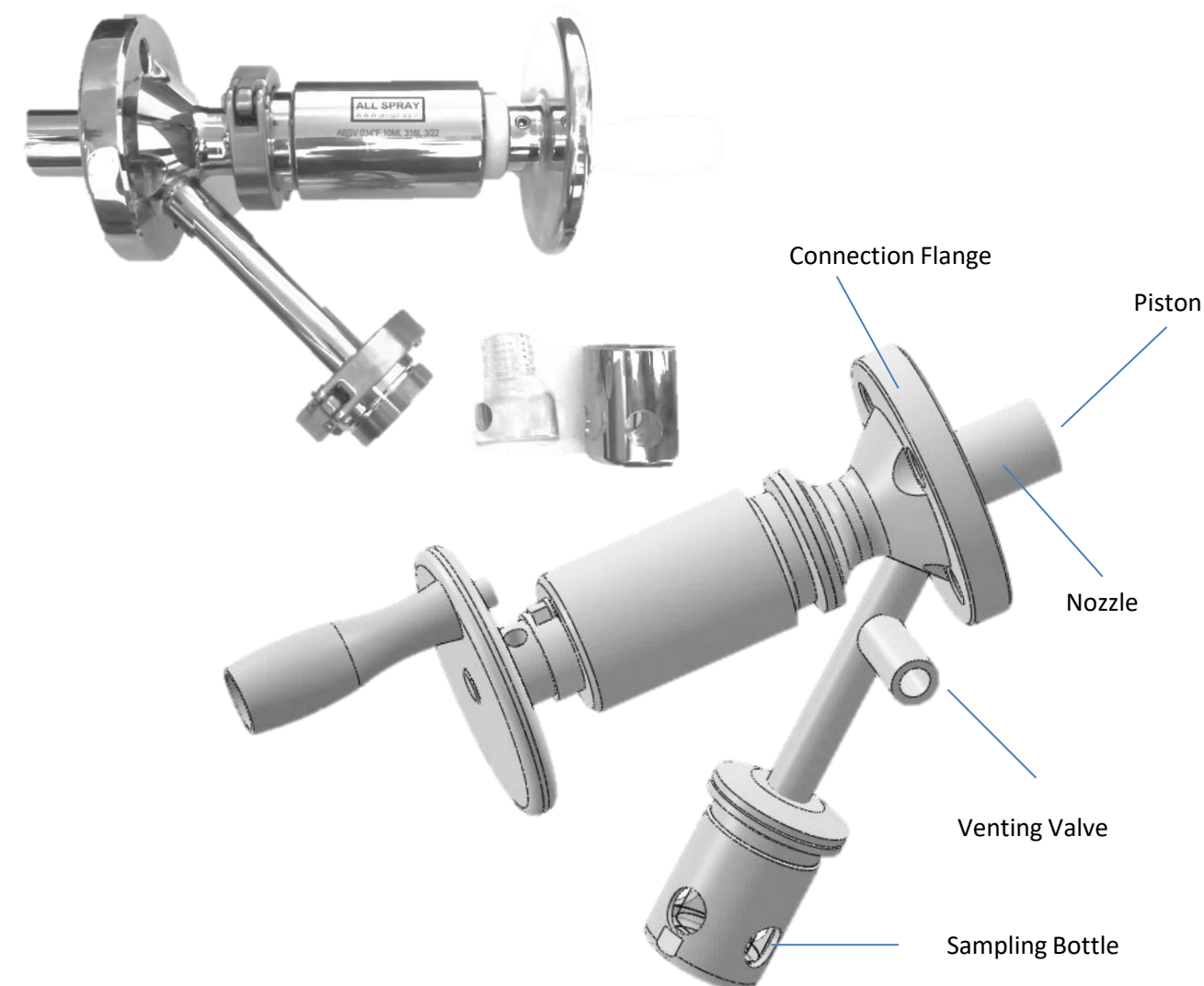
Body Material
Stainless Steel SS 316L, Hastelloy, Titanium etc.

Recommended
Operating pressure
Full Vacuum & Pressure 12 Bar / 155 psi

Seals Materials
Viton, PFA/FEP/PTFE/EPDM etc.

Sizes Available
¾" to 3" Flange End

Sample Unit
Bottle 10ml, 100ml glass Borosilicate
with Stainless steel Protection.



Powder Sampling Valve

Allspray Powder Sampling Valve – APSV Series

Features

This valve is used for taking sampling of granules, wet powder and dry powders. This is also available with CIP port for cleaning once sample taking is finished.

Material

SS 316L, Hastelloy C22

Max. temperature

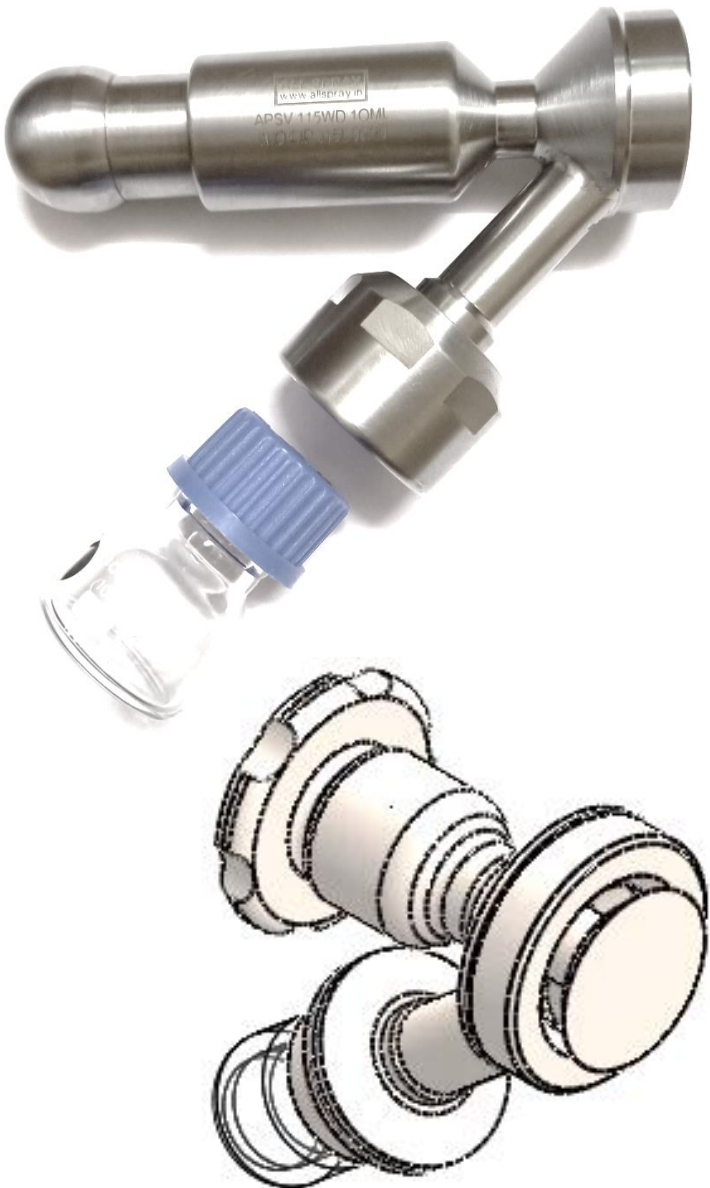
100 ° C / 212 ° F

Installation

Weld End

Code description

	112 : 1-1/2"		10 ML , 50 ML	
	114 : 1-1/4"		Bottle Size	
	Tri Ferrule			
	↑		↑	
APSV	114	WD	10ML	316L
↓		↓		↑
AllSpray Powder Sampling Valve		Connection WD - Weld End TC – Tri Ferrule		Hast 22 – Hastelloy C22 316L – Stainless Steel Material



Inline Tablet Sampling Valve

Allspray Inline Tablet Sampling Valve – AISV Series

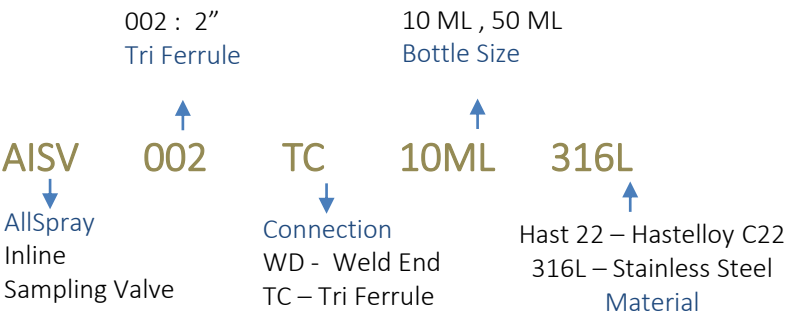
Features
This valve is used for taking sampling of tablets. This is also available with CIP port for cleaning once sample taking is finished. It also used to take sample of powder or solid granules.

Material
SS 316L, Hastelloy C22

Max. temperature
100 ° C / 212 ° F

Installation
Weld End

Code description



Liquid Sampling Valve

Allspray Liquid Sampling Valve – APSV Series

Features

This is an aseptic liquid sampling valve. This is available in Diaphragm type and spool type. This is also available with CIP port for cleaning once sample taking is finished.

Material

SS 316L, Hastelloy C22

Max. temperature

200 ° C

Recommended

Operating pressure

3 Bar

Installation

Vertical Down

Required line filter

100 micron

Code description

	112 : 1-1/2"		069 – 69 l/min		Hast 22 – Hastelloy C22
	114 : 1-1/4"		249 – 249 i/min		316L – Stainless Steel
	Tri Ferrule		Flow @ 2 bar		Material
ALSV	114	TR	049	360D	316L
↓	↑	↓	↑	↓	↑
AllSpray		Connection		Spray coverage	
Liquid Sampling		TR - Threaded		360A - 360° All	
Valve				180U – 180° Up	
				180D - 180° Down	



Wurester (Bottom) Spray Gun

Allspray Wurester Spray Gun – AWSG Series

Features

This Spray nozzle is used in lab model Fluid Bed Coater (FBC) & Fluid Bed Processor (FBP). It produces fine atomizing with the help of compressed air. This nozzle is available with auto shut off & without auto shut off.

Material

SS 316L, Hastelloy C22

Max. temperature

200 ° C

Recommended

Operating pressure

3 Bar

Installation

Vertical Up

Code description

018 : 1/8"
014 : 1/4"
Thread Size

018 : 1/8"
014 : 1/4"
Thread Size

Orifice Size

Hast 22 – Hastelloy C22
316L – Stainless Steel
Material

AWSG

014

TR

0.8OR

30D

316L

AllSpray
Wurester
Spray Gun.

Connection
TR - Threaded

Spray coverage



Top Spray Gun

Allspray Top Spray Gun – ATSG Series

Features

This Spray nozzle is used in lab model Fluid Bed Coater (FBC) & Fluid Bed Processor (FBP). It produces fine atomizing with the help of compressed air. This nozzle is available with auto shut off & without auto shut off. It is available with single spray head & multiple spray head to increase the capacity.

Material

SS 316L, Hastelloy C22

Code description

Max. temperature

200 ° C

Recommended

Operating pressure

3 Bar

Installation

Vertical Down

018 : 1/8"

014 : 1/4"

Thread Size

Orifice Size

Hast 22 – Hastelloy C22

316L – Stainless Steel

Material

ATSG

014

TR

0.8OR

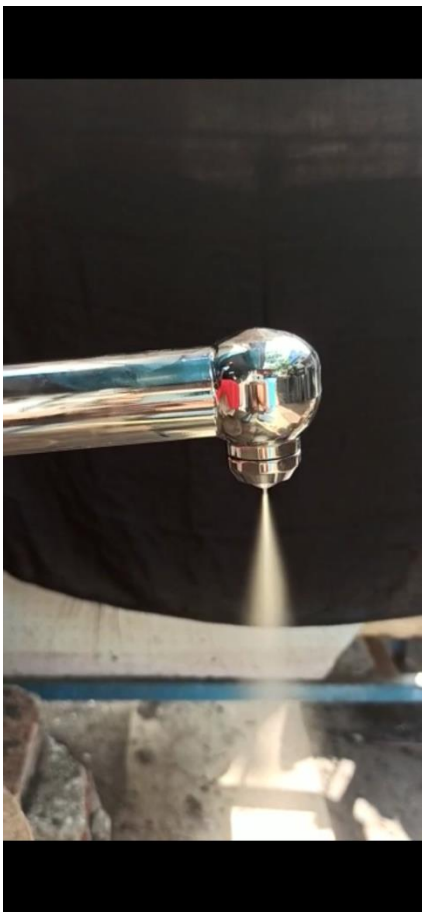
30D

316L

↓
AllSpray
Top Spray
Gun..

↓
Connection
TR - Threaded

↓
Spray coverage



Tangential Spray Gun

Allspray Tangential Spray Gun – ANSG Series

Features

This Spray nozzle is used in lab model Fluid Bed Coater (FBC) & Fluid Bed Processor (FBP). It produces fine atomizing with the help of compressed air. This nozzle is available with auto shut off & without auto shut off.

Material

SS 316L, Hastelloy C22

Max. temperature

200 ° C

Recommended

Operating pressure

3 Bar

Installation

Tangential

Code description

	018 : 1/8"				Hast 22 – Hastelloy C22
	014 : 1/4"				316L – Stainless Steel
	Thread Size		Orifice Size		Material
ANSG	014	TR	0.8OR	30D	316L
↓	↑	↓	↑	↓	↑
AllSpray Tangential Spray Gun		Connection TR - Threaded		Spray coverage	



Binder Spray Nozzle For RMG

Allspray Binder Spray Nozzle – ABSN Series

Features

This is used for spraying binder in RMG. This nozzle is available in single spray head and in three spray head.

Material

SS 316L, Hastelloy C22

Max. temperature

200 °C

Recommended

Operating pressure

3 Bar

Installation

Vertical Down

Required line filter

100 micron

Code description

	112 : 1-1/2"		069 – 69 l/min		Hast 22 – Hastelloy C22
	114 : 1-1/4"		249 – 249 i/min		316L – Stainless Steel
	Tri Ferrule		Flow @ 2 bar		Material
ABSN	114	TR	049	360D	316L
↓	↑	↓	↑	↓	↑
AllSpray Binder Spray Nozzle		Connection TR - Threaded		Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down	



Mist Shower Spray Nozzle

Allspray Mist Shower Nozzle – AMSN Series

Features

This spray nozzle is used for Mist Shower Both, Pass Box, Tablet Pan Coating, and or Dust suppression.

Material

SS 316L, Hastelloy C22

Max. temperature

200 °C

Recommended

Operating pressure

3 Bar

Installation

Vertical Down

Required line filter

100 micron

Code description

	112 : 1-1/2" 114 : 1-1/4" Tri Ferrule	069 – 69 l/min 249 – 249 i/min Flow @ 2 bar			Hast 22 – Hastelloy C22 316L – Stainless Steel Material
AMSN	114	TR	049	360D	316L
↓ AllSpray Mist Shower Nozzle	↑	↓ Connection TR - Threaded	↑	↓ Spray coverage 360A - 360° All 180U – 180° Up 180D - 180° Down	↑



Aceptic TC Connector

Allspray Aceptic TC Connector

Standard: BS4825-3, Imperial OD

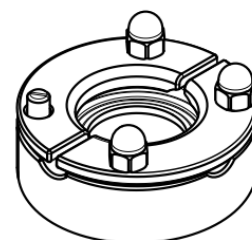
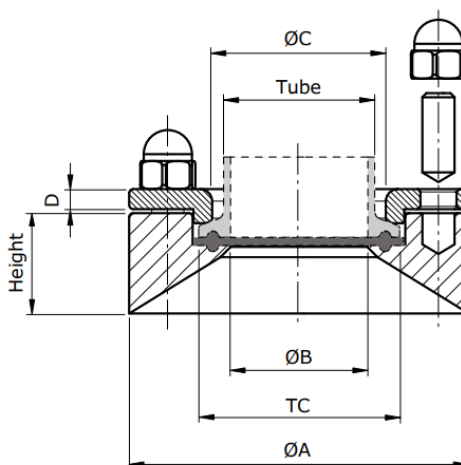
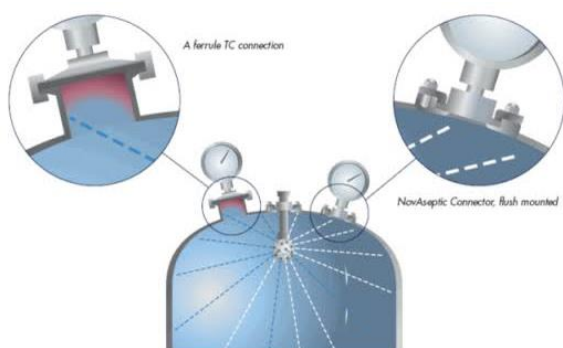
Material: 316L / 316 / 304 Stainless Steel

Surface Finish (Internal): 0.8Ra on Flat Surfaces

Associated Parts: TC Clamps, TC Ferrules, TC Gaskets & TC Blind

Options: Duplex Materials Available Bored Upon Request

Remarks: Non-Standard Sizes Available to Order
For Riboflavin Successful Test.



Nominal Dimensions in mm (in.)

Catalogue Number	NAC-A# # /	Height	Tube	TC	A	B	C	D	Acorn Nut Size	Stud Size
NAC-A075/12	NAC-A075/	12	19.05 (0.750)	25	55.0 (2.165)	15.75 (0.620)	20.0 (0.787)	5.0 (0.197)	M6	M6 x 16
NAC-A100/12	NAC-A100/	12	25.4 (1.000)	50.5	85.0 (3.346)	22.1 (0.870)	43.8 (1.724)	5.0 (0.197)	M8	M8 x 20
NAC-A100/25		25								
NAC-A100/38		38								
NAC-A100/51		51								
NAC-A150/12	NAC-A150/	12	38.1 (1.500)	50.5	85.0 (3.346)	34.8 (1.370)	43.8 (1.724)	5.0 (0.197)	M8	M8 x 20
NAC-A150/25		25								
NAC-A150/38		38								
NAC-A150/51		51								
NAC-A200/15	NAC-A200/	15	50.8 (2.000)	64	100.0 (3.937)	47.5 (1.870)	55.0 (2.165)	6.0 (0.236)	M8	M8 x 20
NAC-A200/25		25								
NAC-A200/38		38								
NAC-A200/51		51								
NAC-A250/15	NAC-A250/	15	63.5 (2.500)	77.5	112.0 (4.409)	60.2 (2.370)	65.5 (2.579)	9.5 (0.374)	M8	M8 x 25
NAC-A250/25		25								
NAC-A250/38		38								
NAC-A250/51		51								
NAC-A300/15	NAC-A300/	15	76.2 (3.000)	91	131.0 (5.157)	72.9 (2.870)	78.0 (3.071)	10.0 (0.394)	M8	M8 x 25
NAC-A300/25		25								
NAC-A300/38		38								
NAC-A300/51		51								
NAC-A400/15	NAC-A400/	15	101.6 (4.000)	119	170.0 (6.693)	97.4 (3.835)	105.0 (4.134)	12.0 (0.472)	M8	M8 x 30
NAC-A400/25		25								
NAC-A400/38		38								
NAC-A400/51		51								

Mist Shower Spray Nozzle

Allspray Tri Ferrule & Clamp

Standard: BS4825-3, Imperial OD

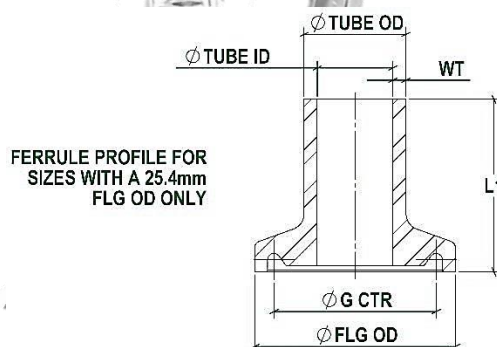
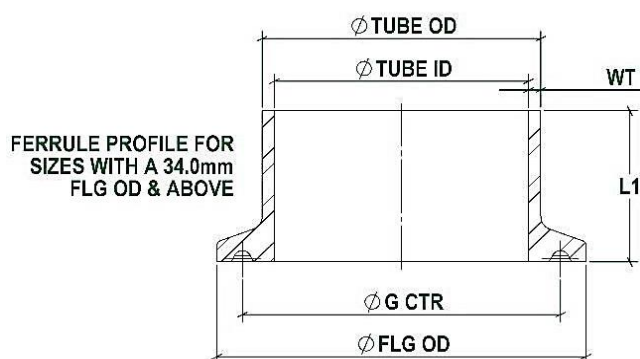
Material: 316L / 316 / 304 Stainless Steel

Surface Finish (Internal): 0.8Ra on Flat Surfaces

Associated Parts: TC Clamps, TC Ferrules, TC Gaskets & TC Blind

Options: Duplex Materials Available Bored Upon Request

Remarks: Non-Standard Sizes Available to Order .



TC Fittings, TC Ferrule, BS4825-3							
Size (inch)	FLG OD (mm)	TUBE OD (mm)	TUBE ID (mm)	WT (mm)	G CTR (mm)	L1 (mm)	Part Code
0.500"	25.40	12.70	9.40	1.65	20.30	21.50	ASTF.0050.6
0.750"	25.40	19.05	15.75	1.65	20.30	21.50	ASTF.0075.6
1.000"	50.50	25.40	22.10	1.65	43.50	21.50	ASTF.0100.6
1.500"	50.50	38.10	34.80	1.65	43.50	21.50	ASTF.0150.6
2.000"	64.00	50.80	47.50	1.65	56.50	21.50	ASTF.0200.6
2.500"	77.50	63.50	60.20	1.65	70.50	21.50	ASTF.0250.6
3.000"	91.00	76.20	72.90	1.65	83.50	21.50	ASTF.0300.6
3.500"	106.00	88.90	84.90	2.00	97.00	21.50	ASTF.0350.6
4.000"	119.00	101.60	97.40	2.10	110.00	21.50	ASTF.0400.6
4.500"	130.00	114.30	110.30	2.00	122.00	28.00	ASTF.0450.6
5.000"	144.40	129.00	125.00	2.00	135.00	28.00	ASTF.0500.6
5.500"	155.00	139.70	134.50	2.60	146.00	28.00	ASTF.0550.6
6.000"	167.00	154.00	150.00	2.00	156.50	28.00	ASTF.0600.6
6.500"	183.00	168.30	163.10	2.60	174.00	28.00	ASTF.0650.6
8.000"	217.00	204.00	200.00	2.00	207.40	28.00	ASTF.0800.6



ALLSPRAY SOLUTIONS

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