

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
<b>Aoki</b>	54mm	40	1.000-08 TPI-LH	174	183	263	89	AK4V054MB-A-SPN	709 x
<b>Ameriplas</b>	2"	30	1.000-08 TPI-LH	167	177	256	85	AM4V2000A-A-SPN	685
<b>AOP</b>	130mm	50	M60X2.0-LH	Call	Call	Call	Call	AO4V130MA-A-SPN	Call
<b>Arburg</b>	15mm*	40	M8X1.25-RH	221	---	133	66	AR3V015MA-A-SPN	419
	18mm*	20	M10X1.5-RH	221	---	133	66	AR3V018MA-A-SPN	419
	20mm*	60	M10X1.5-RH	221	---	133	66	AR3V020MA-A-SPN	419
	22mm*	30	M12X1.75-RH	221	---	133	66	AR3V022MA-A-SPN	419
	25mm	120	M12X1.75-RH	129	92	133	66	AR4V025MA-A-SPN	419
	25mm	30	M12X1.75-RH	129	92	133	66	AR4V025MA-B-SPN	419
	25mm	70	M12X1.75-RH	129	92	133	66	AR4V025MA-E-SPN	419
	30mm	40	M14X1.5-RH	129	92	133	66	AR4V030MA-A-SPN	419
	30mm	120	M14X1.5-RH	129	92	133	66	AR4V030MB-A-SPN	419
	30mm	30	M14X1.5-RH	129	92	133	66	AR4V030MB-B-SPN	419
	30mm	80	M14X1.5-RH	129	92	133	66	AR4V030MA-B-SPN	419
	35mm	120	M18X1.5-RH	140	117	166	72	AR4V035MA-A-SPN	495
	35mm	40	M18X1.5-RH	140	117	166	72	AR4V035MA-B-SPN	495
	35mm	90	M18X1.5-RH	140	117	166	72	AR4V035MA-C-SPN	495
	40mm	40	M18X1.5-RH	152	126	180	77	AR4V040MA-A-SPN	536
	40mm	90	M18X1.5-RH	152	126	180	77	AR4V040MA-B-SPN	536
	45mm	50	M22X1.5-RH	160	150	217	81	AR4V045MA-A-SPN	608
	45mm	90	M22X1.5-RH	160	150	217	81	AR4V045MB-A-SPN	608
	55mm	90	M24X1.5-RH	176	185	266	90	AR4V055MA-A-SPN	717
	60mm	90	M24X1.5-RH	184	194	278	94	AR4V060MA-A-SPN	750
<b>Autojector</b>	.75"*	30	.4375-14 TPI-LH	221	---	133	66	AU3V0750A-A-SPN	419
	1"	40	.500-13 TPI-LH	129	92	133	66	AU4V1000A-A-SPN	419
	1.25"	50	.625-11 TPI-LH	133	96	135	68	AU4V1250A-A-SPN	432
	1.5"	40	.750-10 TPI-LH	145	120	171	73	AU4V1500A-A-SPN	509
	1.75"	50	.875-09 TPI-LH	160	150	217	81	AU4V1750A-A-SPN	608
	2"	50	1.000-08 TPI-LH	167	177	256	85	AU4V2000A-A-SPN	685
	2.5"	50	1.250-07 TPI-LH	187	198	284	95	AU4V2500A-A-SPN	765
<b>Apex</b>	70mm	24	M30X3.5-LH	218	231	322	112	AX4V070MA-A-SPN	884
<b>Battenfeld</b>	18mm*	90	M10X1.5-LH	221	---	133	66	BA3V018MA-A-SPN	419
	22mm*	90	M12X1.75-LH	221	---	133	66	BA3V022MA-A-SPN	419
	25mm	90	M12X1.75-LH	129	92	133	66	BA4V025MA-A-SPN	419
	25mm	90	M10X1.5-LH	129	92	133	66	BA4V025MA-C-SPN	419
	30mm	90	M14X1.5-LH	129	92	133	66	BA4V030MA-A-SPN	419
	35mm	90	M16X1.5-LH	140	117	166	72	BA4V035MA-A-SPN	495
	40mm	90	M20X2.0-LH	152	126	180	77	BA4V040MA-A-SPN	536
	45mm	90	M24X2.0-LH	160	150	217	81	BA4V045MA-A-SPN	608
	45mm	30	M20X2.0-LH	160	150	217	81	BA4V045MB-A-SPN	608
	50mm	90	M24X2.0-LH	164	154	252	84	BA4V050MA-A-SPN	654
	55mm	30	M24X2.0-LH	176	185	266	90	BA4V055MA-A-SPN	717

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Battenfeld	55mm	90	M24X2.0-LH	176	185	266	90	BA4V055MB-A-SPN	717
	60mm	30	M35X2.0-LH	184	194	278	94	BA4V060MA-A-SPN	750 x
	60mm	90	M24X2.0-LH	184	194	278	94	BA4V060MB-A-SPN	750
	65mm	90	M24X2.0-LH	191	202	289	98	BA4V065MA-A-SPN	780
	70mm	90	M30X3.5-LH	218	231	322	112	BA4V070MA-A-SPN	884
	75mm	90	M30X3.5-LH	225	238	340	114	BA4V075MA-A-SPN	917
	85mm	90	M35X2.0-LH	298	314	452	145	BA4V085MA-A-SPN	1209
	90mm	90	M40X2.0-LH	Call	334	481	153	BA4V090MA-A-SPN	Call
Bucher	45mm	45	M18X1.5-LH	160	150	217	81	BC4V045MA-A-SPN	608
	50mm	45	M18X1.5-LH	164	154	252	84	BC4V050MA-A-SPN	654
	60mm	45	M20X1.5-LH	184	194	278	94	BC4V060MA-A-SPN	750
	60mm	45	M24X1.5-LH	184	194	278	94	BC4V060MB-A-SPN	750
	60mm	60	M24X1.5-LH	184	194	278	94	BC4V060MB-B-SPN	750
	80mm	45	M30X2.0-LH	281	300	433	134	BC4V080MA-A-SPN	1147
	80mm	38	M30X2.0-LH	281	300	433	134	BC4V080MB-A-SPN	1147
	95mm	38	M42X3.0-LH	Call	342	491	158	BC4V095MA-A-SPN	Call
Beta	70mm	30	1.375-06 TPI-LH	218	231	322	112	BD4V070MA-A-SPN	884
Beloit	1.5"	60	.750-16 TPI-LH	145	120	171	73	BE4V1500A-A-SPN	509
	3.5"	60	1.750-05 TPI-LH	304	320	463	149	BE4V3500A-A-SPN	1236
Fahr Bucher	30mm	60	M12X1.5-LH	129	92	133	66	BH4V030MA-A-SPN	419
	40mm	60	M20X1.5-LH	152	126	180	77	BH4V040MA-A-SPN	536
	45mm	60	M24X1.5-LH	160	150	217	81	BH4V045MA-A-SPN	608
	55mm	60	M24X1.5-LH	176	185	266	90	BH4V055MA-A-SPN	717
	70mm	60	M30X3.5-LH	218	231	322	112	BH4V070MA-A-SPN	884
	70mm	20	M30X3.5-LH	218	231	322	112	BH4V070MA-B-SPN	884
	80mm	60	M36X2.0-LH	281	300	433	134	BH4V080MA-A-SPN	1147
Bipel	1.375"	28	.625-11 TPI-RH	137	99	139	69	BI4V1375A-A-SPN	444
	1.75"	30	.750-10 TPI-RH	160	150	217	81	BI4V1750A-A-SPN	608
Billion	45mm	60	M20X2.0-RH	160	150	217	81	BL4V045MA-A-SPN	608
	80mm	26	M36X4.0-LH	281	300	433	134	BL4V080MA-A-SPN	1147
Boy	14mm*	84	M8X1.25-LH	221	---	133	66	BO3V014MA-A-SPN	419
	16mm*	76	M8X1.25-LH	221	---	133	66	BO3V016MA-A-SPN	419
	18mm*	90	M10X1.5-LH	221	---	133	66	BO3V018MA-A-SPN	419
	22mm*	90	M12X1.75-LH	221	---	133	66	BO3V022MA-A-SPN	419

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.



Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Boy	24mm*	90	M12X1.75-LH	221	---	133	66	BO3V024MA-A-SPN	419
	28mm	90	M12X1.75-LH	129	92	133	66	BO4V028MA-A-SPN	419
	32mm	90	M14X2.0-LH	133	96	135	68	BO4V032MA-A-SPN	432
	36mm	90	M16X2.0-LH	141	118	167	72	BO4V036MA-A-SPN	498
	38mm	90	M16X2.0-LH	145	120	170	73	BO4V038MA-A-SPN	508
	42mm	90	M16X2.0-LH	157	134	193	80	BO4V042MA-A-SPN	564
Bopak	75mm	90	M30X2.0-RH	225	238	340	114	BP4V075MA-A-SPN	917
Buhler	62mm	21	M27X3.0-LH	186	196	282	95	BU4V062MA-A-SPN	759
	80mm	26	1.500-06 TPI-LH	281	300	433	134	BU4V080MA-A-SPN	1147
Codim	28mm	58	M14X2.0-LH	129	92	133	66	CD4V028MA-A-SPN	419
	42mm	66	M18X2.0-LH	157	134	193	80	CD4V042MA-A-SPN	564
Chen Hsong	25mm*	30	M14X2.0-RH	221	---	133	66	CH3V025MA-A-SPN	419
	28mm	25	M16X2.0-LH	129	92	133	66	CH4V028MA-A-SPN	419
	35mm	25	M16X2.0-LH	140	117	166	72	CH4V035MA-A-SPN	495
	36mm	25	M18X2.5-LH	141	118	167	72	CH4V036MA-A-SPN	498
	46mm	25	M27X3.0-LH	161	151	218	82	CH4V046MA-A-SPN	612 x
Cincinnati	16mm*	60	M8X1.0-LH	221	---	133	66	CI3V016MA-A-SPN	419
	18mm*	60	M8X1.25-LH	221	---	133	66	CI3V018MA-A-SPN	419
	18mm*	90	M10X1.5-LH	221	---	133	66	CI3V018MB-A-SPN	419
	20mm*	20	M10X1.5-LH	221	---	133	66	CI3V020MA-A-SPN	419
	20mm*	90	M10X1.5-LH	221	---	133	66	CI3V020MA-B-SPN	419
	22mm*	60	M10X1.5-LH	221	---	133	66	CI3V022MA-A-SPN	419
	22mm*	90	M12X1.75-LH	221	---	133	66	CI3V022MB-A-SPN	419
	22mm*	60	M12X1.75-LH	221	---	133	66	CI3V022MB-B-SPN	419
	24mm	60	M10X1.5-LH	129	92	133	66	CI4V024MA-A-SPN	419
	1"	90	.438-20 TPI-LH	221	---	133	66	CI3V1000A-A-SPN	419
	26mm*	90	M16X2.0-LH	221	---	133	66	CI3V026MA-A-SPN	419
	26mm*	60	M14X2.0-LH	221	---	133	66	CI3V026MB-A-SPN	419
	28mm	60	M12X1.75-LH	129	92	133	66	CI4V028MA-A-SPN	419
	32mm*	90	M18X2.5-LH	229	---	135	68	CI3V032MA-A-SPN	432 x
	32mm*	60	M18X2.5-LH	229	---	135	68	CI3V032MB-A-SPN	432 x
	1.313"	90	.625-11 TPI-LH	137	99	139	69	CI4V1312A-A-SPN	444
	1.313"	120	.625-11 TPI-LH	137	99	139	69	CI4V1312A-B-SPN	444
	35mm	60	M18X2.5-LH	140	117	166	72	CI4V035MA-A-SPN	495
	36mm*	60	M20X2.5-LH	259	---	167	72	CI3V036MA-A-SPN	498
	36mm	90	M20X2.5-LH	141	118	167	72	CI4V036MB-A-SPN	498
	40mm	60	M20X2.5-LH	152	126	180	77	CI4V040MA-A-SPN	536
	40mm	90	M20X2.5-LH	152	126	180	77	CI4V040MB-A-SPN	536
	1.625"	120	.750-10 TPI-LH	156	130	185	80	CI4V1625A-A-SPN	551
	1.625	90	.750-10 TPI-LH	156	130	185	80	CI4V1625A-B-SPN	551
	42mm	60	M22X2.5-LH	157	134	193	80	CI4V042MA-A-SPN	564
	44mm*	90	M24X3.0-LH	307	---	213	81	CI3V044MA-A-SPN	600

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Cincinnati	45mm	60	M22X2.5-LH	160	150	217	81	CI4V045MA-A-SPN	608
	48mm	90	M24X3.0-LH	163	153	220	82	CI4V048MA-A-SPN	618
	48mm	60	M24X3.0-LH	163	153	220	82	CI4V048MA-C-SPN	618
	50mm	60	M24X3.0-LH	164	154	252	84	CI4V050MA-A-SPN	254
	2"	120	1.000-08 TPI-LH	167	177	256	85	CI4V2000-A-A-SPN	685
	2"	90	1.000-08 TPI-LH	167	177	256	85	CI4V2000A-B-SPN	685
	55mm	60	M27X3.0-LH	176	185	266	90	CI4V055MA-A-SPN	717
	56mm	20	M30X3.5-LH	179	187	270	91	CI4V056MA-A-SPN	727
	56mm	60	M30X3.5-LH	179	187	270	91	CI4V056MA-B-SPN	727
	2.25"	90	1.000-08 TPI-LH	182	191	274	93	CI4V2250A-A-SPN	739
	60mm	60	M27X3.0-LH	184	194	278	94	CI4V060MA-A-SPN	750
	2.5"	120	1.250-12 TPI-LH	187	198	284	95	CI4V2500A-A-SPN	765
	2.5"	90	1.250-07 TPI-LH	187	198	284	95	CI4V2500A-B-SPN	765
	64mm	25	M36X4.0-LH	189	199	286	96	CI4V064MA-A-SPN	770
	64mm	90	M36X4.0-LH	189	199	286	96	CI4V064MA-B-SPN	770
	64mm	60	M36X4.0-LH	189	199	286	96	CI4V064MA-C-SPN	770
	65mm	60	M30X3.5-LH	191	202	289	98	CI4V065MA-A-SPN	780
	2.75"	120	1.250-12 TPI-LH	207	218	314	105	CI4V2750A-A-SPN	844
	2.75"	90	1.250-07 TPI-LH	207	218	314	105	CI4V2750A-C-SPN	844
	70mm	60	M36X4.0-LH	218	231	322	112	CI4V070MA-A-SPN	884
	70mm	22	M36X4.0-LH	218	231	322	112	CI4V070MA-B-SPN	884
	80mm	60	M42X4.5-LH	281	300	433	134	CI4V080MA-A-SPN	1147
	3.25"	120	1.500-12 TPI-LH	298	310	446	149	CI4V3250A-A-SPN	1198
	3.25"	90	1.500-06 TPI-LH	298	310	446	149	CI4V3250A-C-SPN	1198
	3.5"	90	1.500-06 TPI-LH	304	320	463	149	CI4V3500A-A-SPN	1236
	3.5"	120	1.500-12 TPI-LH	304	320	463	149	CI4V3500A-C-SPN	1236
	3.5	20	1.500-06 TPI-LH	304	320	463	149	CI4V3500A-E-SPN	1236
	90mm	60	M48X5.0-LH	Call	334	481	153	CI4V090MA-A-SPN	Call
	90mm	20	M48X5.0-LH	Call	334	481	153	CI4V090MA-B-SPN	Call
	3.75"	60	1.875-08 TPI-LH	Call	342	491	158	CI4V3750A-A-SPN	Call

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.  
x Requires thread adapter. See page 617.



# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
CLF	45mm	31	.866-12 TPI-LH	160	150	217	81	CL4V045MA-A-SPN	608
	50mm	34	1.062-10 TPI-LH	164	154	252	84	CL4V050MA-A-SPN	654
	65mm	28.75	M34X2.5-LH	191	202	289	98	CL4V065MA-A-SPN	780
Comac	45mm	60	M18X1.5-LH	160	150	217	81	CO4V045MA-A-SPN	608
Cym Promax	36mm	42	M20X2.0-LH	141	118	167	72	CY4V036MA-A-SPN	498
Desma	75mm	60	M40X3.0-LH	225	238	340	114	DE4V075MA-A-SPN	917
	80mm	60	1.375-06 TPI-LH	281	300	433	134	DE4V080MA-A-SPN	1147
Mannesman Demag	18mm*	22	M8X1.25-LH	221	---	133	66	DM3V018MA-A-SPN	419
	18mm*	60	M10X1.5-LH	221	---	133	66	DM3V018MB-A-SPN	419
	22mm	60	M10X1.5-LH	129	92	133	66	DM4V022MA-A-SPN	419
	25mm	22	M10X1.5-LH	129	92	133	66	DM4V025MA-A-SPN	419
	25mm	60	M10X1.5-LH	129	92	133	66	DM4V025MB-A-SPN	419
	28mm	22	M12X1.75-LH	129	92	133	66	DM4V028MA-A-SPN	419
	32mm	22	M14X2.0-LH	133	96	135	68	DM4V032MA-A-SPN	432
	38mm	22	M16X2.0-LH	145	120	170	73	DM4V038MA-A-SPN	508
	45mm	22	TR20X3.0-LH	160	150	217	81	DM4V045MA-A-SPN	608
	45mm	60	TR20X3.0-LH	160	150	217	81	DM4V045MA-A-SPN	608
	52mm	22	TR22X3.0-LH	169	179	259	86	DM4V052MA-A-SPN	693
	52mm	60	TR22X3.0-LH	169	179	259	86	DM4V052MA-B-SPN	693
	60mm	60	TR27X3.0-LH	184	194	278	94	DM4V060MB-A-SPN	750
	60mm	22	TR27X3.0-LH	184	194	278	94	DM4V060MB-B-SPN	750
	70mm	22	TR30X3.0-LH	218	231	322	112	DM4V070MA-A-SPN	884
82mm	22	TR35X3.0-LH	290	307	443	145	DM4V082MA-A-SPN	1186	
Egan HPM	1.375"	90	.625-11 TPI-LH	137	99	139	69	EG4V1375A-A-SPN	444
	1.375"	60	.625-11 TPI-LH	137	99	139	69	EG4V1375A-B-SPN	444
	1.5"	60	.625-11 TPI-LH	145	120	171	73	EG4V1500A-A-SPN	509
	1.5"	90	.625-11 TPI-LH	145	120	171	73	EG4V1500A-B-SPN	509
	1.75"	90	.750-10 TPI-LH	160	150	217	81	EG4V1750A-A-SPN	608
	1.75"	60	.750-10 TPI-LH	160	150	217	81	EG4V1750A-B-SPN	608
	2"	90	.875-09 TPI-LH	167	177	256	85	EG4V2000A-A-SPN	685
	2"	60	.875-09 TPI-LH	167	177	256	85	EG4V2000A-B-SPN	685
	2.5"	90	1.125-07 TPI-LH	187	198	284	95	EG4V2500A-A-SPN	765
	2.5"	60	1.125-07 TPI-LH	187	198	284	95	EG4V2500A-B-SPN	765
	2.5"	30	1.125-07 TPI-LH	187	198	284	95	EG4V2500A-C-SPN	765

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.

# Mallard<sup>®</sup> Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Egan HPM	65mm	30	1.000-08 TPI-LH	191	202	289	98	EG4V065MA-A-SPN	780
	3"	90	1.625-06 TPI-LH	226	240	343	116	EG4V3000A-A-SPN	924
	3"	60	1.625-06 TPI-LH	226	240	343	116	EG4V3000A-B-SPN	924
	82mm	22	TR35X3.0-LH	290	307	443	145	EG4V082MA-A-SPN	1186
	3.5"	90	1.750-06 TPI-LH	304	320	463	149	EG4V3500A-A-SPN	1236
	3.5"	60	1.750-06 TPI-LH	304	320	463	149	EG4V3500A-B-SPN	1236
	4"	90	2.000-06 TPI-LH	Call	376	544	174	EG4V4000A-A-SPN	Call
	4"	60	2.000-06 TPI-LH	Call	376	544	174	EG4V4000A-B-SPN	Call
Elite	32mm*	30	M18X1.5-LH	229	---	135	68	EL3V032MA-A-SPN	432
	75mm	30	M39X2.0-LH	225	238	340	114	EL4V075MA-A-SPN	917
Exma	32mm	60	M14X2.0-LH	133	96	135	68	EM4V032MA-A-SPN	432
	48mm	90	M16X2.0-LH	163	153	220	82	EM4V048MA-A-SPN	618
Engel	18mm*	60	M10X1.5-RH	221	---	133	66	EN3V018MA-A-SPN	419
	22mm*	60	M12X1.75-RH	221	---	133	66	EN3V022MA-A-SPN	419
	25mm	60	M12X1.75-RH	129	92	133	66	EN4V025MA-A-SPN	419
	30mm	60	M12X1.75-RH	129	92	133	66	EN4V030MA-A-SPN	419
	30mm	30	M12X1.75-RH	129	92	133	66	EN4V030MA-C-SPN	419
	35mm	60	M12X1.75-RH	140	117	166	72	EN4V035MA-A-SPN	495
	40mm	60	M16X2.0-RH	152	126	180	77	EN4V040MA-A-SPN	536
	45mm	60	M20X2.5-RH	160	150	217	81	EN4V045MA-A-SPN	608
	50mm	60	M24X3.0-RH	164	154	252	84	EN4V050MA-A-SPN	654
	55mm	60	M24X3.0-RH	176	185	266	90	EN4V055MA-A-SPN	717
	60mm	60	M30X3.5-RH	184	194	278	94	EN4V060MA-A-SPN	750
	70mm	60	M36X4.0-RH	218	231	322	112	EN4V070MA-A-SPN	884
	80mm	60	M36X4.0-RH	281	300	433	134	EN4V080MA-A-SPN	1147
	80mm	45	M30X2.0-RH	281	300	433	134	EN4V080MC-A-SPN	1147
	90mm	60	M42X4.5-RH	Call	334	481	153	EN4V090MA-A-SPN	Call
90mm	45	M42X4.5-RH	Call	334	481	153	EN4V090MB-B-SPN	Call	
95mm	60	M42X4.5-RH	Call	342	491	158	EN4V095MA-A-SPN	Call	
Farrel	1.25"	45	.500-13 TPI-LH	133	96	135	68	FA4V1250A-A-SPN	432

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.  
x Requires thread adapter. See page 617.





# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Farrel	1.625"	45	.750-10 TPI-LH	156	130	185	80	FA4V1625A-A-SPN	551
	2"	45	1.000-08 TPI-LH	167	177	256	85	FA4V2000A-A-SPN	685
	2.1"	46	1.000-08 TPI-LH	167	177	256	85	FA4V2099A-A-SPN	685
	2.5"	45	1.250-07 TPI-LH	187	198	284	95	FA4V2500A-A-SPN	765
	2.8"	45	1.375-08 TPI-LH	222	236	333	113	FA4V2799A-A-SPN	904
	3.25"	45	1.500-08 TPI-LH	293	310	446	149	FA4V3250A-A-SPN	1198
	3.6"	50	1.625-08 TPI-LH	Call	337	485	155	FA4V3599A-A-SPN	Call
Fellows	1.75"	30	.625-11 TPI-LH	160	150	217	81	FE4V1750A-A-SPN	608
	2"	90	.875-09 TPI-LH	167	177	256	85	FE4V2000-A-A-SPN	685
	2.5"	30	1.125-07 TPI-LH	187	198	284	95	FE4V2500A-A-SPN	765
	3.5"	30	1.750-08 TPI-LH	304	320	463	149	FE4V3500A-A-SPN	1236
Ferromatik Milicron	25mm	60	M12X1.0-LH	129	92	133	66	FR4V025MA-A-SPN	419
	30mm	60	M16X1.5-LH	129	92	133	66	KF4V030MA-A-SPN	419
	40mm	60	M20X1.5-LH	152	126	180	77	FR4V040MA-A-SPN	536
	50mm	60	M24X1.5-LH	164	154	252	84	FR4V050MA-A-SPN	654
First Tech	25mm	50	M12X1.75-LH	129	92	133	66	FT4V025MA-A-SPN	419
Fu Chen Shine	32mm	18	M18X2.0-LH	133	96	135	68	FU4V032MA-A-SPN	432
	34mm	22	M18X2.0-LH	136	97	138	69	FU4V034MA-A-SPN	441
	48mm	12	M25X2.5-LH	163	153	220	82	FU4V048MA-A-SPN	618
	55mm	18	1.181-09 TPI-LH	176	185	266	90	FU4V055MA-A-SPN	717
Glucio	1"	30	.500-13 TPI-LH	129	92	133	66	GL4V1000A-A-SPN	419
	1.25"	30	.625-18 TPI-LH	133	96	135	68	GL4V1250A-A-SPN	432
General Machinery	1.5"	60	.625-11 TPI-LH	145	120	171	73	GM4V1500A-A-SPN	509
	1.5"	30	.625-11 TPI-LH	145	120	171	73	GM4V1500A-B-SPN	509
	2.25"	60	1.000-08 TPI-LH	182	191	274	93	GM4V2250A-A-SPN	739
	2.5"	60	1.250-08 TPI-LH	187	198	284	95	GM4V2500A-A-SPN	765
	3"	60	1.375-08 TPI-LH	226	240	343	116	GM4V3000A-A-SPN	924
Glenco	1.25"	45	.500-13 TPI-LH	133	96	135	68	GN4V1250A-A-SPN	432
Goldstar	45mm	30	M26X1.5-LH	160	150	217	81	GO4V045MA-A-SPN	608
	50mm	30	M28X2.0-LH	164	154	252	84	GO4V050MA-A-SPN	654
	60mm	30	M28X2.0-LH	184	194	278	94	GO4V060MA-A-SPN	750
	85mm	35	M42X3.0-LH	298	314	452	145	GO4V085MA-A-SPN	1209
	90mm	30	M50X3.0-LH	Call	334	481	153	GO4V090MA-A-SPN	Call
Hull	22mm*	90	.437-20 TPI-LH	221	---	133	66	HL3V022MA-A-SPN	419
HPM	1.625"	60	.750-16 TPI-LH	156	130	185	80	HP4V1625A-A-SPN	551
	2.25"	60	1.000-08 TPI-LH	182	191	274	93	HP4V2250A-A-SPN	740

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
HPM	2.625"	60	1.250-08 TPI-LH	195	207	296	100	HP4V2625A-A-SPN	798
	3"	60	1.625-06 TPI-LH	226	240	343	116	HP4V3000A-A-SPN	924
	3"	30	1.625-06 TPI-LH	226	240	343	116	HP4V3000A-B-SPN	924
	3.25"	60	1.625-06 TPI-LH	293	310	446	149	HP4V3250A-A-SPN	1198
	3.25"	40	1.625-06 TPI-LH	293	310	446	149	HP4V3250B-A-SPN	1198
	3.5"	60	1.750-06 TPI-LH	304	320	463	149	HP4V3500A-A-SPN	1236
Husky	42mm	60	M20X2.5-LH	157	134	193	80	HU4V042MA-A-SPN	564
	50mm	60	M24X3.0-LH	164	154	252	84	HU4V050MA-A-SPN	654
	50mm	60	M20X2.0-LH	164	154	252	84	HU4V050MB-A-SPN	654
	2.25"	120	1.000-08 TPI-RH	182	191	274	93	HU4V2250A-A-SPN	739
	60mm	60	M30X2.0-LH	184	194	278	94	HU4V060MA-A-SPN	750
	70mm	60	M36X2.0-LH	218	231	322	112	HU4V070MA-A-SPN	884
	70mm	22	M36X4.0-LH	218	231	322	112	HU4V070MA-C-SPN	884
	80mm	30	M42X4.5-LH	281	300	433	134	HU4V080MA-A-SPN	1147
	85mm	60	M48X5.0-LH	298	314	452	145	HU4V085MA-A-SPN	x1209
	85mm	60	M45X4.5-LH	298	314	452	145	HU4V085MB-A-SPN	1209
	85mm	22	M45X4.5-LH	298	314	452	145	HU4V085MB-B-SPN	1209
Impco	1.125"	60	.500-13 TPI-LH	129	92	133	66	IM4V1125A-A-SPN	419
	1.5"*	40	.875-09 TPI-LH	265	---	171	73	IM3V1500A-A-SPN	509
	1.625"*	40	.875-09 TPI-LH	286	---	185	80	IM3V1625A-A-SPN	551
	1.813"	40	1.000-08 TPI-LH	162	152	220	82	IM4V1812A-A-SPN	616
	2"*	40	1.125-08 TPI-LH	344	---	256	85	IM3V2000A-A-SPN	685
	2.125"	40	1.250-07 TPI-LH	174	183	263	89	IM4V2125A-A-SPN	709
	2.25"*	40	1.250-08 TPI-LH	373	---	274	93	IM3V2250A-A-SPN	739
	2.375"*	40	1.375-08 TPI-LH	380	---	278	94	IM3V2375A-A-SPN	753
	2.5"	40	1.500-06 TPI-LH	187	198	284	95	IM4V2500A-A-SPN	765 x
	2.5"	40	1.250-07 TPI-LH	187	198	284	95	IM4V2500B-A-SPN	765
2.5"	40	1.375-06 TPI-LH	187	198	284	95	IM4V2500C-A-SPN	765	

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.





# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Impco	2.813"	40	1.500-08 TPI-LH	222	236	333	113	IM4V2812A-A-SPN	904
	3"	40	1.750-05 TPI-LH	226	240	343	116	IM4V3000A-A-SPN	924 x
	3.25"	40	2.000-08 TPI-LH	293	310	446	149	IM4V3250A-A-SPN	1198 x
	3.5"	40	2.000-4.5 TPI-LH	304	320	463	149	IM4V3500A-A-SPN	1236 x
	3.688"	40	2.000-08 TPI-LH	Call	337	485	155	IM4V3687A-A-SPN	Call x
	3.75"	40	2.125-08 TPI-LH	Call	342	491	158	IM4V3750A-A-SPN	Call x
Japan Iron	45mm	21	1.000-08 TPI-LH	160	150	217	81	JA4V045MA-A-SPN	608
Jaco	1"	50	.500-13 TPI-LH	129	92	133	66	JC4V1000A-A-SPN	419
	1.25"	50	.625-11 TPI-LH	133	96	135	68	JC4V1250A-A-SPN	432
	1.375"	50	.625-11 TPI-LH	137	99	139	69	JC4V1375A-A-SPN	444
Johns	1"	60	M12X1.75-LH	129	92	133	66	JO4V1000A-A-SPN	419
	38mm	60	.750-12 TPI-LH	145	120	170	73	JO4V038MA-A-SPN	508
	45mm	60	.875-11 TPI-LH	160	150	217	81	JO4V045MA-A-SPN	608
	2"	60	1.000-10 TPI-LH	167	177	256	85	JO4V2000A-A-SPN	685
JSW	25mm*	30	M12X1.75-LH	221	---	133	66	JS3V025MA-A-SPN	419
	28mm*	30	M16X2.0-LH	221	---	133	66	JS3V028MA-A-SPN	419
	32mm*	30	M18X2.5-LH	229	---	135	68	JS3V032MA-A-SPN	432
	35mm*	18	TR20X3.0-LH	257	---	166	72	JS3V035MA-A-SPN	495
	40mm	18.5	TR22X3.0-LH	152	126	180	77	JS4V040MA-A-SPN	536
	40mm	21	TR22X3.0-LH	152	126	180	77	JS4V040MA-B-SPN	536
	40mm	22	M20X2.5-LH	152	126	180	77	JS4V040MB-A-SPN	536
	45mm	22	TR27X3.0-LH	160	150	217	81	JS4V045MA-A-SPN	608 x
	45mm	90	TR24X3.0-LH	160	150	217	81	JS4V045MB-A-SPN	608
	46mm	17	TR24X3.0-LH	161	151	218	82	JS4V046MA-A-SPN	612
	51mm	20	TR27X3.0-LH	167	177	256	85	JS4V051MA-A-SPN	685
	52mm	22	TR32X3.0-LH	169	179	259	86	JS4V052MA-A-SPN	693
	53mm	18	TR28X3.0-LH	171	181	261	87	JS4V053MA-A-SPN	701
	58mm	18	TR36X3.0-LH	183	192	275	93	JS4V058MA-A-SPN	743 x
	60mm	23	TR35X3.0-LH	184	194	278	94	JS4V060MA-A-SPN	750 x
	66mm	14	TR38X3.0-LH	193	205	292	99	JS4V066MA-A-SPN	789 x
	68mm	22	TR40X3.0-LH	199	210	300	102	JS4V068MA-A-SPN	811 x
	72mm	16	TR40X3.0-LH	221	235	329	113	JS4V072MA-A-SPN	897
	72mm	16	TR40X3.0-LH	221	235	329	113	JS4V072MA-B-SPN	897
	76mm	16	TR40X3.0-LH	226	240	343	116	JS4V076MA-A-SPN	924 x
83mm	19	TR42X3.0-LH	295	311	448	143	JS4V083MA-A-SPN	1196	

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.



# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
JSW	84mm	18	TR47X3.0-LH	296	312	450	144	JS4V084MA-A-SPN	1201 x
	86mm	20	1.500-08 TPI-LH	299	315	455	147	JS4V086MA-A-SPN	1216
	92mm	21	TR48X3.0-LH	Call	337	484	155	JS4V092MA-A-SPN	Call
	99mm	22	TR60X3.0-LH	Call	362	522	168	JS4V099MA-A-SPN	Call x
Jon Wai	32mm	23	M16X2.0-LH	135	97	136	68	JW3V032MA-A-SPN	437
	50mm	24	M24X3.0-LH	164	154	252	84	JW4V050MA-A-SPN	654
Kawaguchi	25mm*	18	TR13X2.0-LH	221	---	133	66	KA3V025MA-A-SPN	419
	27mm	40	M14X2.0-LH	129	92	133	66	KA4V027MA-A-SPN	419
	28mm*	19	TR15X2.0-LH	221	---	133	66	KA3V028MB-A-SPN	419
	28mm*	35	M15X1.5-LH	221	---	133	66	KA3V028MB-B-SPN	419
	30mm	40	TR15X2.0-LH	129	92	133	66	KA4V030MA-A-SPN	419
	30mm	40	M16X1.5-LH	129	92	133	66	KA4V030MB-A-SPN	419
	34mm	32	TR18X2.0-LH	136	97	138	69	KA4V034MA-A-SPN	441
	34mm	40	M18X2.0-LH	136	97	138	69	KA4V034MB-A-SPN	441
	35mm	28	TR20X2.0-LH	140	117	166	72	KA4V035MA-A-SPN	495
	36mm*	40	TR20X2.0-LH	258	---	167	72	KA3V036MA-A-SPN	498 x
	37mm	30	TR20X2.0-LH	144	119	169	73	KA4V037MA-A-SPN	505
	38mm	35	M22X2.0-LH	145	120	170	73	KA4V038MA-A-SPN	508
	40mm	27	TR20X2.0-LH	152	126	180	77	KA4V040MA-A-SPN	536
	40mm	35	TR20X2.0-LH	152	126	180	77	KA4V040MA-B-SPN	536
	42mm	40	TR24X3.0-LH	157	134	193	80	KA4V042MA-A-SPN	564 x
	45mm	40	TR25X3.0-LH	160	150	217	81	KA4V045MA-A-SPN	608
	50mm	35	TR30X3.0-LH	164	154	252	84	KA4V050MA-A-SPN	654 x
	50mm	40	TR28X3.0-LH	164	154	252	84	KA4V050MB-A-SPN	654
	50mm	40	TR26X3.0-LH	164	154	252	84	KA4V050MC-A-SPN	654
	50mm	35	TR24X3.0-LH	164	154	252	84	KA4V050MD-A-SPN	654
	52mm	45	1.000-08 TPI-LH	169	179	259	86	KA4V052MA-A-SPN	693
	55mm	35	TR30X3.0-LH	176	185	266	90	KA4V055MA-A-SPN	717
	58mm	35	TR30X3.0-LH	183	192	275	93	KA4V058MA-A-SPN	743
	58mm	25	TR34X4.0-LH	183	192	275	93	KA4V058MB-A-SPN	743 x
	60mm	40	TR34X4.0-LH	184	194	278	94	KA4V060MA-A-SPN	750 x
	63mm	40	TR34X4.0-LH	187	197	283	95	KA4V063MA-A-SPN	762
	63mm	30	TR30X3.0-LH	187	197	283	95	KA4V063MB-A-SPN	762
	65mm	35	TR34X4.0-LH	191	202	289	98	KA4V065MA-A-SPN	780
	70mm	35	TR34X4.0-LH	218	231	322	112	KA4V070MA-A-SPN	884
	70mm	35	TR40X4.0-LH	218	231	322	112	KA4V070MB-A-SPN	884 x
	70mm	40	TR38X4.0-LH	218	231	322	112	KA4V070MC-A-SPN	884 x
	72mm	40	TR40X4.0-LH	221	235	329	113	KA4V072MA-A-SPN	897 x
80mm	40	TR42X4.0-LH	281	300	433	134	KA4V080MA-A-SPN	1147	
85mm	40	TR46X5.0-LH	298	314	452	145	KA4V085MA-A-SPN	1209 x	

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.  
x Requires thread adapter. See page 617.

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
<b>Kawaguchi</b>	90mm	40	1.500-08 TPI-LH	Call	334	481	153	KA4V090MA-A-SPN	Call
<b>Klockner Ferromatik</b>	18mm*	60	M10X1.0-LH	221	---	133	66	KF3V018MA-A-SPN	419
	25mm	60	M12X1.0-LH	129	92	133	66	KF4V025MA-A-SPN	419
	35mm	60	M16X1.5-LH	140	117	166	72	KF4V035MA-A-SPN	495
	35mm	30	M16X1.5-LH	140	117	166	72	KF4V035MA-B-SPN	495
	40mm	60	M20X1.5-LH	152	126	180	77	KF4V040MA-A-SPN	536
	45mm	60	M20X1.5-LH	160	150	217	81	KF4V045MA-A-SPN	608
	50mm	60	M24X1.5-LH	164	154	252	84	KF4V050MA-A-SPN	654
	60mm	60	M30X2.0-LH	184	194	278	94	KF4V060MA-A-SPN	750
	70mm	60	M34X2.0-LH	218	231	322	112	KF4V070MA-A-SPN	884
<b>Krauss Maffei</b>	25mm	60	M12X1.75-LH	129	92	133	66	KM4V025MA-A-SPN	419
	30mm	60	M16X2.0-LH	129	92	133	66	KM4V030MA-A-SPN	419
	35mm	60	M18X2.5-LH	140	117	166	72	KM4V035MA-A-SPN	495
	40mm	60	M20X2.5-LH	152	126	180	77	KM4V040MA-A-SPN	536
	45mm	60	M24X3.0-LH	160	150	217	81	KM4V045MA-A-SPN	608
	50mm	60	M27X3.0-LH	164	154	252	84	KM4V050MA-A-SPN	654
	55mm	60	M27X3.0-LH	176	185	266	90	KM4V055MA-A-SPN	717
	55mm	21	M27X3.0-LH	176	185	266	90	KM4V055MA-B-SPN	717
	55mm	30	M27X3.0-LH	176	185	266	90	KM4V055MA-C-SPN	717
	60mm	60	M33X3.5-LH	184	194	278	94	KM4V060MA-A-SPN	750
	60mm	25	M33X3.5-LH	184	194	278	94	KM4V060MA-C-SPN	750
	70mm	60	M36X4.0-LH	218	231	322	112	KM4V070MA-A-SPN	884
	80mm	60	M30X2.0-LH	281	300	433	134	KM4V080MA-A-SPN	1147
	90mm	60	M48X5.0-LH	Call	334	481	153	KM4V090MA-A-SPN	Call
<b>Klockner Windsor</b>	25mm	60	M12X1.0-LH	129	92	133	66	KW4V025MA-A-SPN	419
	25mm	90	M12X1.75-LH	129	92	133	66	KW4V025MB-A-SPN	419
	30mm	60	M16X1.5-LH	129	92	133	66	KW4V030MA-A-SPN	419
	35mm	90	M16X2.0-LH	140	117	166	72	KW4V035MA-A-SPN	495
	35mm	60	M16X1.5-LH	140	117	166	72	KW4V035MB-A-SPN	495
	40mm	60	M20X1.5-LH	152	126	180	77	KW4V040MA-A-SPN	536
	50mm	90	M24X3.0-LH	164	154	252	84	KW4V050MA-A-SPN	654
	60mm	90	M30X3.5-LH	184	194	278	94	KW4V060MA-A-SPN	750
	70mm	90	M36X3.0-LH	218	231	322	112	KW4V070MA-A-SPN	884
	80mm	90	M48X4.0-LH	281	300	433	134	KW4V080MA-A-SPN	1147 x
	90mm	90	M52X3.0-LH	Call	334	481	153	KW4V090MA-A-SPN	Call x

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price	
				Price	Price	Price	Price			
Lester	2"	90	.875-09 TPI-LH	167	177	256	85	LE4V2000A-A-SPN	685	
	2.75"	90	1.500-06 TPI-LH	207	218	314	105	LE4V2750A-A-SPN	844	
Lovejoy	1.5"	90	.625-11 TPI-LH	145	120	171	73	LJ4V1500A-A-SPN	509	
Lesney	1.5"	45	.625-14 TPI-LH	145	120	171	73	LN4V1500A-A-SPN	509	
Lombard	1.625"	45	.750-10 TPI-LH	156	130	185	80	LO4V1625A-A-SPN	551	
	2"	45	1.000-08 TPI-LH	167	177	256	85	LO4V2000A-A-SPN	685	
	2.5"	45	1.250-07 TPI-LH	187	198	284	95	LO4V2500A-A-SPN	765	
	2.5"	45	1.000-08 TPI-LH	187	198	284	95	LO4V2500A-B-SPN	765	
	2.75"	45	1.375-06 TPI-LH	207	218	314	105	LO4V2750A-A-SPN	844	
	3"	45	1.500-06 TPI-LH	226	240	343	116	LO4V3000A-A-SPN	924	
Mitsubishi	28mm*	20	M16X2.0-LH	221	---	133	66	MB3V028MA-A-SPN	419	
	32mm	16	M16X2.0-LH	133	96	135	68	MB4V032MA-A-SPN	432	
	36mm*	21.5	M22X2.5-LH	258	---	167	72	MB3V036MA-A-SPN	498	
	40mm*	22	M22X2.5-LH	278	---	180	77	MB3V040MA-A-SPN	536	
	45mm	26	M27X3.0-LH	160	150	217	81	MB4V045MA-A-SPN	608 x	
	50mm	26.3	M27X3.0-LH	164	154	252	84	MB4V050MA-A-SPN	654	
	57mm	20	M33X3.5-LH	182	191	273	93	MB4V057MA-A-SPN	738 x	
	62mm	26	M36X4.0-LH	186	196	282	95	MB4V062MA-A-SPN	759 x	
	70mm	26	M39X4.0-LH	218	231	322	112	MB4V070MA-A-SPN	884 x	
	80mm	30	M45X4.5-LH	281	300	433	134	MB4V080MA-A-SPN	1147 x	
Meiki	22mm*	33.5	M12X1.25-LH	221	---	133	66	ME3V022MA-A-SPN	419	
	22mm*	45	M12X1.25-LH	221	---	133	66	ME3V022MA-B-SPN	419	
	25mm*	30	M14X1.5-LH	221	---	133	66	ME3V025MA-A-SPN	419	
	28mm*	30	M15X1.5-LH	221	---	133	66	ME3V028MA-A-SPN	419	
	28mm*	45	M15X1.5-LH	221	---	133	66	ME3V028MA-B-SPN	419	
	32mm	30	M16X1.5-LH	133	96	135	68	ME4V032MA-A-SPN	432	
	32mm	45	M18X1.5-LH	133	96	135	68	ME4V032MA-B-SPN	432 x	
	36mm	25	M18X1.5-LH	141	118	167	72	ME4V036MA-A-SPN	498	
	40mm	45	M20X1.5-LH	152	126	180	77	ME4V040MA-A-SPN	536	
	50mm	30	M24X2.0-LH	164	154	252	84	ME4V050MA-A-SPN	654	
	55mm	30	M30X2.0-LH	176	185	266	90	ME4V055MA-A-SPN	717	
	Mini-Jector	1.125"	60	.500-13 TPI-LH	129	92	133	66	MJ4V1125A-A-SPN	419
	Moslo	1.625"	30	.750-10 TPI-LH	156	130	185	80	MO4V1625A-A-SPN	551
Mir	32mm	22	M14X2.0-LH	133	96	135	68	MR4V032MA-A-SPN	432	

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.  
x Requires thread adapter. See page 617.



Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Mir	38mm	44	M18X1.5-LH	145	120	170	73	MR4V038MA-A-SPN	508
	45mm	22	M22X1.5-LH	160	150	217	81	MR4V045MA-A-SPN	608
	50mm	44	1.032-14 TPI-LH	164	154	252	84	MR4V050MA-A-SPN	654
	55mm	48	(55ØWhit).750-14	176	185	266	90	MR4V055MA-A-SPN	717
	60mm	44	1.178-14 TPI-LH	184	194	278	94	MR4V060MA-A-SPN	750
	90mm	45	(55ØWhit)1.732-11	Call	334	481	153	MR4V090MA-A-SPN	Call
	90mm	44	(55ØWhit)1.732-11	Call	334	481	153	MR4V090MA-B-SPN	Call
Multiplas	42mm	30	.750-10 TPI-LH	157	134	193	80	MU4V042MA-A-SPN	564
Natco	1.875"	60	1.125-06 TPI-LH	162	152	220	82	NA4V1875A-A-SPN	616
	1.875"	30	1.125-06 TPI-LH	162	152	220	82	NA4V1875A-B-SPN	616
	2.25"	30	1.000-08 TPI-LH	182	191	274	93	NA4V2250A-A-SPN	739
	70mm	15.5	1.125-06 TPI-LH	218	231	322	112	NA4V070MA-B-SPN	884
	3.25"	21	1.375-06 TPI-LH	293	310	446	149	NA4V3250A-B-SPN	1198
	90mm	21	1.500-06 TPI-LH	Call	334	481	153	NA4V090MA-B-SPN	Call
New Britain	1.125"	60	.5625-18 TPI-LH	129	92	133	66	NB4V1125A-A-SPN	419
	30mm*	16	M18X2.5-LH	221	---	133	66	NB3V030MA-A-SPN	419
	1.375"	60	.563-18 TPI-LH	137	99	139	69	NB4V1375A-A-SPN	444
	36mm	20	TR20X3.0-LH	141	118	167	72	NB4V036MA-A-SPN	498
	1.625"	60	.750-16 TPI-LH	156	130	185	80	NB4V1625A-A-SPN	551
	42mm	22	TR27X3.0-LH	157	134	193	80	NB4V042MA-A-SPN	564 x
	1.75"	60	.750-16 TPI-LH	160	150	217	81	NB4V1750A-A-SPN	608
	45mm	35	TR27X3.0-LH	160	150	217	81	NB4V045MA-A-SPN	608 x
	2"	60	1.000-08 TPI-LH	167	177	256	85	NB4V2000A-A-SPN	685
	2.125"	60	1.000-08 TPI-LH	174	183	263	89	NB4V2125A-A-SPN	709
	55mm	45	TR35X3.0-LH	176	185	266	90	NB4V055MA-A-SPN	717 x
	2.312"	60	1.000-08 TPI-LH	185	195	278	94	NB4V2312A-A-SPN	753
	2.5"	60	1.250-08 TPI-LH	187	198	284	95	NB4V2500A-A-SPN	765
	65mm	51	TR40X3.0-LH	191	202	289	98	NB4V065MA-A-SPN	780 x
	2.75"	60	1.375-08 TPI-LH	207	218	314	105	NB4V2750A-A-SPN	844
	70mm	16	TR40X3.0-LH	218	231	322	112	NB4V070MA-A-SPN	884 x
	82mm	20	TR47X3.0-LH	290	307	443	145	NB4V082MA-A-SPN	1186 x
	3.25"	60	1.500-08 TPI-LH	293	310	446	149	NB4V3250A-A-SPN	1198
3.5"	60	1.750-08 TPI-LH	304	320	463	149	NB4V3500A-A-SPN	1236	
Newbury	1"	45	.500-13 TPI-LH	129	92	133	66	NE4V1000A-A-SPN	419

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.





# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Newbury	1"	150	.500-13 TPI-LH	129	92	133	66	NE4V1000A-A-SPN	419
	1.25"	150	.625-11 TPI-LH	133	96	135	68	NE4V1250A-A-SPN	432
	1.25"	60	.625-11 TPI-LH	133	96	135	68	NE4V1250A-B-SPN	432
	1.375"	60	.625-11 TPI-LH	137	99	139	69	NE4V1375A-A-SPN	444
	1.5"	45	.750-10 TPI-LH	145	120	171	73	NE4V1500A-A-SPN	509
	1.75"	60	.875-09 TPI-LH	160	150	217	81	NE4V1750A-A-SPN	608
	2"	60	1.000-08 TPI-LH	167	177	256	85	NE4V2000A-A-SPN	685
	2"	150	1.000-08 TPI-LH	167	177	256	85	NE4V2000A-B-SPN	685
	2.25"	60	1.000-08 TPI-LH	182	191	274	93	NE4V2250A-A-SPN	739
	2.5"	60	1.000-08 TPI-LH	187	198	284	95	NE4V2500A-A-SPN	765
Negri Bossi	22mm*	70	M10X1.5-LH	221	---	133	66	NG3V022MA-A-SPN	419
	28mm	80	M12X1.5-LH	129	92	133	66	NG4V028MA-A-SPN	419
	30mm	85	M14X1.5-LH	129	92	133	66	NG4V030MA-A-SPN	419
	32mm	85	.625-11 TPI-LH	133	96	135	68	NG4V032MA-A-SPN	432
	35mm	90	M16X1.5-LH	140	117	166	72	NG4V035MA-A-SPN	495
	38mm	84	M16X1.5-LH	145	120	170	73	NG4V038MA-A-SPN	508
	38mm	75	M16X1.5-LH	145	120	170	73	NG4V038MA-B-SPN	508
	45mm	30	M22X2.0-LH	160	150	217	81	NG4V045MA-A-SPN	608
	45mm	75	M22X2.0-LH	160	150	217	81	NG4V045MB-A-SPN	608
	50mm	30	M22X2.0-LH	164	154	252	84	NG4V050MA-A-SPN	654
	60mm	45	M26X2.0-LH	184	194	278	94	NG4V060MA-A-SPN	750
	70mm	45	M26X2.0-LH	218	231	322	112	NG4V070MA-A-SPN	884
	90mm	60	M40X2.0-LH	Call	334	481	153	NG4V090MA-A-SPN	Call
Nissei	16mm	20	M9X1.0-LH	221	---	133	66	NI3V016MA-A-SPN	419
	19mm*	30	M10X1.5-LH	221	---	133	66	NI3V019MA-A-SPN	419
	22mm*	60	TR12X2.0-LH	221	---	133	66	NI3V022MA-A-SPN	419
	26mm*	60	TR14X2.0-LH	221	---	133	66	NI3V026MA-A-SPN	419
	28mm	40	TR14X2.0-LH	129	92	133	66	NI4V028MA-A-SPN	419
	30mm*	60	TR16X2.0-LH	221	---	133	66	NI3V030MA-A-SPN	419
	30mm*	30	M16X2.0-LH	221	---	133	66	NI3V030MB-A-SPN	419
	32mm*	40	TR18X2.0-LH	229	---	135	68	NI3V032MA-A-SPN	432
	36mm	40	TR20X2.0-LH	141	118	167	72	NI4V036MA-A-SPN	498
	38mm*	40	TR22X3.0-LH	265	---	170	73	NI3V038MA-A-SPN	508
	40mm*	40	TR24X3.0-LH	278	---	180	77	NI3V040MA-A-SPN	536 x
	42mm	50	TR24X3.0-LH	157	134	193	80	NI4V042MA-A-SPN	564 x
	45mm	40	TR26X3.0-LH	160	150	217	81	NI4V045MA-A-SPN	608 x
	48mm	50	TR28X3.0-LH	163	153	220	82	NI4V048MA-A-SPN	618 x
	50mm	40	TR28X3.0-LH	164	154	252	84	NI4V050MA-A-SPN	654
	54mm	18	1.181-08 TPI-LH	174	183	263	89	NI4V054MA-A-SPN	709 x
	56mm	40	TR32X3.0-LH	179	187	270	91	NI4V056MA-A-SPN	727 x
	58mm	40	TR36X3.0-LH	183	192	275	93	NI4V058MA-A-SPN	743 x
	63mm	40	TR36X3.0-LH	187	197	283	95	NI4V063MA-A-SPN	762 x

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.



Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Nissei	64mm	40	TR40X3.0-LH	189	199	286	96	Ni4V064MA-A-SPN	770 x
	71mm	40	TR44X3.0-LH	220	232	326	112	Ni4V071MA-A-SPN	889
	72mm	40	TR44X3.0-LH	221	235	329	113	Ni4V072MA-A-SPN	897 x
	75mm	40	TR44X3.0-LH	225	238	340	114	Ni4V075MA-B-SPN	917 x
	80mm	40	TR48X3.0-LH	281	300	433	134	Ni4V080MA-A-SPN	1147 x
	84mm	40	TR52X3.0-LH	296	312	450	144	Ni4V084MA-A-SPN	1201 x
	90mm	40	TR55X3.0-LH	Call	334	481	153	Ni4V090MA-A-SPN	Call x
Netstal	18mm*	60	M8X1.25-LH	221	---	133	66	NS3V018MA-A-SPN	419
	28mm	58	M16X1.5-LH	129	92	133	66	NS4V028MA-A-SPN	419
	32mm	72	M16X2.0-LH	133	96	135	68	NS4V032MA-A-SPN	432
	35mm	50	M18X2.0-LH	140	117	166	72	NS4V035MA-A-SPN	495
	40mm	50	M18X2.5-LH	152	126	180	77	NS4V040MA-A-SPN	536
	40mm	90	M18X2.5-LH	152	126	180	77	NS4V040MA-B-SPN	536
	45mm	90	M20X2.5-LH	160	150	217	81	NS4V045MA-A-SPN	608
	50mm	52	M20X2.0-LH	164	154	252	84	NS4V050MA-A-SPN	654
	55mm	90	M20X2.0-LH	176	185	266	90	NS4V055MA-A-SPN	717
	70mm	70	M26X2.0-LH	218	231	322	112	NS4V070MA-A-SPN	884
	90mm	90	M32X2.0-LH	Call	334	481	153	NS4V090MA-A-SPN	Call
Niigata	25mm*	38	M12X1.0-LH	221	---	133	66	NT3V025MA-A-SPN	419
	25mm	70	M12X1.0-LH	129	92	133	66	NT4V025MB-A-SPN	419
	30mm	70	M16X1.5-LH	129	92	133	66	NT4V030MA-A-SPN	419 x
	35mm	70	M18X2.5-LH	140	117	166	72	NT4V035MA-A-SPN	495
	40mm	70	M20X2.5-LH	152	126	180	77	NT4V040MA-A-SPN	536
	45mm	70	M24X3.0-LH	160	150	217	81	NT4V045MA-A-SPN	608
	45mm	30	M24X3.0-LH	160	150	217	81	NT4V045MA-B-SPN	608
	52mm	70	M27X3.0-LH	169	179	259	86	NT4V052MA-A-SPN	693
	60mm	70	M30X3.5-LH	184	194	278	94	NT4V060MA-A-SPN	750
	68mm	37	M36X3.0-LH	199	210	300	102	NT4V068MA-A-SPN	811
	68mm	70	M36X3.0-LH	199	210	300	102	NT4V068MA-B-SPN	811
	76mm	40	M42X3.0-LH	226	240	343	116	NT4V076MA-A-SPN	924 x
	76mm	70	M42X3.0-LH	226	240	343	116	NT4V076MA-B-SPN	924 x
	76mm	60	M30X3.0-LH	226	240	343	116	NT4V076MA-C-SPN	924
	86mm	40	M48X3.0-LH	299	315	455	147	NT4V086MA-A-SPN	1216 x
90mm	50	M48X3.0-LH	Call	334	481	153	NT4V090MA-A-SPN	Call	
Novapax	40mm	50	M20X2.5-LH	152	126	180	77	NV4V040MA-A-SPN	536
	45mm	50	M20X2.5-LH	160	150	217	81	NV4V045MA-A-SPN	608
Oima	60mm	40	M27X2.0-RH	184	194	278	94	Oi4V060MA-A-SPN	750
Plastak	60mm	60	M24X2.0-LH	184	194	278	94	PT4V060MA-A-SPN	750

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Rainville	1.75"	60	.750-10 TPI-LH	160	150	217	81	RA4V1750A-A-SPN	608
	2"	90	.875-09 TPI-LH	167	177	256	85	RA4V2000A-A-SPN	685
Reifanhauser	2"	60	.875-09 TPI-LH	167	177	256	85	RE4V2000A-A-SPN	685
Rochester	1.375"	60	.625-11 TPI-LH	137	99	139	69	RO4V1375A-A-SPN	444
	45mm	20	M24X3.0-LH	160	150	217	81	RO4V045MA-A-SPN	608
	55mm	25	M27X3.0-LH	176	185	266	90	RO4V055MA-A-SPN	717
	75mm	30	M40X3.0-LH	225	238	340	114	RO4V075MA-A-SPN	917
	3"	60	1.375-08 TPI-LH	226	240	343	116	RO4V3000A-A-SPN	924
	95mm	35	M55X3.0-LH	Call	342	491	158	RO4V095MA-A-SPN	Call x
	95mm	30	M55X3.0-LH	Call	342	491	158	RO4V095MB-A-SPN	Call x
Reed	31mm	30	.625-11 TPI-LH	131	94	134	67	RP4V031MA-A-SPN	426
	1.5"	45	.750-10 TPI-LH	145	120	171	73	RP4V1500A-A-SPN	509
	1.63"	120	.875-09 TPI-LH	156	130	185	80	RP4V1629A-A-SPN	551
	1.63"	60	.875-09 TPI-LH	156	130	185	80	RP4V1629A-B-SPN	551
	1.75"	45	.750-10 TPI-LH	160	150	217	81	RP4V1750A-A-SPN	608
	2"	120	1.000-08 TPI-LH	167	177	256	85	RP4V2000A-A-SPN	685
	2"	60	1.000-08 TPI-LH	167	177	256	85	RP4V2000A-B-SPN	685
	2"	45	1.000-08 TPI-LH	167	177	256	85	RP4V2000A-C-SPN	685
	2.125"	60	1.000-08 TPI-LH	174	183	263	89	RP4V2125A-A-SPN	709
	2.5"	120	1.250-08 TPI-LH	187	198	284	95	RP4V2500A-A-SPN	765
	2.5"	60	1.250-08 TPI-LH	187	198	284	95	RP4V2500A-B-SPN	765
	2.5"	45	1.250-08 TPI-LH	187	198	284	95	RP4V2500A-C-SPN	765
	2.5"	20	1.250-08 TPI-LH	187	198	284	95	RP4V2500A-D-SPN	765
	3"	120	1.375-08 TPI-LH	226	240	343	116	RP4V3000A-A-SPN	924
	3"	60	1.375-08 TPI-LH	226	240	343	116	RP4V3000A-B-SPN	924
	3"	45	1.375-08 TPI-LH	226	240	343	116	RP4V3000A-C-SPN	924
	3"	20	1.375-08 TPI-LH	226	240	343	116	RP4V3000A-D-SPN	924
	3"	30	1.375-08 TPI-LH	226	240	343	116	RP4V3000A-E-SPN	924
	85mm	50	1.750-05 TPI-LH	298	314	452	145	RP4V085MA-A-SPN	1209
	3.375"	60	1.625-08 TPI-LH	299	315	454	147	RP4V3375A-A-SPN	1214
	3.375"	45	1.625-08 TPI-LH	299	315	454	147	RP4V3375A-B-SPN	1214
	3.75"	120	1.875-08 TPI-LH	Call	342	491	158	RP4V3750A-A-SPN	Call
	3.75"	60	1.875-08 TPI-LH	Call	342	491	158	RP4V3750A-B-SPN	Call
	3.75"	45	1.875-08 TPI-LH	Call	342	491	158	RP4V3750A-C-SPN	Call
	3.75"	20	1.875-08 TPI-LH	Call	342	491	158	RP4V3750A-D-SPN	Call

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.



Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Sandretto	35mm	30	M16X2.0-LH	140	117	166	72	SA4V035MA-A-SPN	495
	40mm	30	M18X2.5-LH	152	126	180	77	SA4V040MA-A-SPN	536
	45mm	30	M20X2.5-LH	160	150	217	81	SA4V045MA-A-SPN	608
	45mm	40	M20X2.5-LH	160	150	217	81	SA4V045MB-A-SPN	608
	50mm	30	M24X3.0-LH	164	154	252	84	SA4V050MA-A-SPN	654
	50mm	40	M24X3.0-LH	164	154	252	84	SA4V050MA-B-SPN	654
	55mm	30	M27X3.0-LH	176	185	266	90	SA4V055MA-A-SPN	717
	60mm	30	M30X3.5-LH	184	194	278	94	SA4V060MA-A-SPN	750
	70mm	38	M33X3.5-LH	218	231	322	112	SA4V070MA-A-SPN	884
	80mm	30	M36X4.0-LH	281	300	433	134	SA4V080MA-A-SPN	1147
	80mm	26	M36X4.0-LH	281	300	433	134	SA4V080MA-B-SPN	1147
	90mm	30	M39X4.0-LH	Call	334	481	153	SA4V090MA-A-SPN	Call
	90mm	40	M39X4.0-LH	Call	334	481	153	SA4V090MA-C-SPN	Call
SCM	30mm	60	TR16X2.0-LH	129	92	133	66	SC4V030MA-A-SPN	419
	38mm	40	TR22X3.0-LH	145	120	170	73	SC4V038MA-A-SPN	508
	48mm	50	TR28X3.0-LH	163	153	220	82	SC4V048MA-A-SPN	618
Stork	62mm	60	M30X3.5-LH	186	196	282	95	SK4V062MA-A-SPN	759
	72mm	60	M30X3.5-LH	221	235	329	113	SK4V072MA-A-SPN	897
	98mm	60	M48X3.0-LH	Call	357	514	165	SK4V098MA-A-SPN	Call
Sommers	30mm*	60	M18X1.5-LH	221	---	133	66	SO3V030MA-A-SPN	419
Shinwa Seiki	18mm*	30	M8X1.25-LH	221	---	133	66	SS3V018MA-A-SPN	419
	22mm	30	M10X1.5-LH	129	92	133	66	SS4V022MA-A-SPN	419
	24mm	36	M10X1.5-LH	129	92	133	66	SS4V024MA-A-SPN	419
	25mm	36	M10X1.5-LH	129	92	133	66	SS4V025MA-A-SPN	419
	28mm	42	M12X1.5-LH	129	92	133	66	SS4V028MA-A-SPN	419
	28mm	36	M12X1.5-LH	129	92	133	66	SS4V028MA-B-SPN	419
	28mm	42	M16X1.5-LH	129	92	133	66	SS4V028MA-E-SPN	419
	32mm	42	M16X1.5-LH	133	96	135	68	SS4V032MA-A-SPN	432
	32mm	36	M16X1.5-LH	133	96	135	68	SS4V032MA-B-SPN	432
	35mm	60	M18X2.5-LH	140	177	166	72	SS4V035MA-A-SPN	495
	35mm	36	M18X2.5-LH	140	177	166	72	SS4V035MA-B-SPN	495
	35mm	52	M18X2.5-LH	140	177	166	72	SS4V035MA-C-SPN	495

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.  
x Requires thread adapter. See page 617.



# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Shinwa Seiki	36mm	36	M16X2.0-LH	141	118	167	72	SS4V036MA-A-SPN	498
	40mm	60	M20X2.5-LH	152	126	180	77	SS4V040MA-A-SPN	536
	40mm	36	M20X2.5-LH	152	126	180	77	SS4V040MA-B-SPN	536
	45mm	60	M24X3.0-LH	160	150	217	81	SS4V045MA-A-SPN	608
	45mm	50	M24X3.0-LH	160	150	217	81	SS4V045MA-B-SPN	608
	45mm	52	M24X3.0-LH	160	150	217	81	SS4V045MA-C-SPN	608
	50mm	60	M27X3.0-LH	164	154	252	84	SS4V050MA-A-SPN	654
	50mm	50	M27X3.0-LH	164	154	252	84	SS4V050MA-B-SPN	654
	50mm	52	M27X3.0-LH	164	154	252	84	SS4V050MA-C-SPN	654
	55mm	60	M30X3.5-LH	176	185	266	90	SS4V055MA-A-SPN	717
	55mm	52	M30X3.5-LH	176	185	266	90	SS4V055MA-B-SPN	717
	55mm	60	M30X3.5-LH	176	185	266	90	SS4V055MA-C-SPN	717
	60mm	60	M36X3.0-LH	184	194	278	94	SS4V060MA-A-SPN	750
	60mm	52	M36X3.0-LH	184	194	278	94	SS4V060MA-B-SPN	750
	65mm	60	M36X3.0-LH	191	202	289	98	SS4V065MA-A-SPN	780
	65mm	36	M36X3.0-LH	191	202	289	98	SS4V065MA-B-SPN	780
	65mm	52	M36X3.0-LH	191	202	289	98	SS4V065MA-C-SPN	780
	70mm	60	M40X3.0-LH	218	231	322	112	SS4V070MA-A-SPN	884
	70mm	36	M40X3.0-LH	218	231	322	112	SS4V070MA-B-SPN	884
	70mm	52	M40X3.0-LH	218	231	322	112	SS4V070MA-C-SPN	884
80mm	36	M40X3.0-LH	281	300	433	134	SS4V080MA-A-SPN	1147	
90mm	36	M45X3.0-LH	Call	334	481	153	SS4V090MA-A-SPN	Call	
Stokes	1.25"	33	.5625-18 TPI-LH	133	96	135	68	ST4V1250A-A-SPN	432
	1.375"	40	.625-18 TPI-LH	137	99	139	69	ST4V1375A-A-SPN	444
	2"	90	1.000-12 TPI-LH	167	177	256	85	ST4V2000A-A-SPN	685
	2"	75	1.000-08 TPI-LH	167	177	256	85	ST4V2000A-B-SPN	685
	2"	26	1.000-08 TPI-LH	167	177	256	85	ST4V2000A-C-SPN	685
	2.5"	90	1.125-12 TPI-LH	187	198	284	95	ST4V2500A-A-SPN	765
	2.5"	22	1.125-12 TPI-LH	187	198	284	95	ST4V2500A-B-SPN	765
	2.75"	90	1.250-12 TPI-LH	207	218	314	105	ST4V2750A-A-SPN	844
	3"	60	1.375-12 TPI-LH	226	240	343	116	ST4V3000A-A-SPN	924
	3"	25	1.250-07 TPI-LH	226	240	343	116	ST4V3000A-B-SPN	924
3.5"	60	1.625-12 TPI-LH	304	320	463	149	ST4V3500A-A-SPN	1236	
Sumitomo	18mm*	60	M9X1.0-LH	221	---	133	66	SU3V018MA-A-SPN	419
	20mm*	30	M10X1.25-LH	221	---	133	66	SU3V020MA-A-SPN	419
	22mm	60	M10X1.25-LH	129	92	133	66	SU4V022MA-A-SPN	419
	25mm	60	M12X1.5-LH	129	92	133	66	SU4V025MA-A-SPN	419
	28mm	60	M16X1.5-LH	129	92	133	66	SU4V028MA-A-SPN	419
	28mm	60	M12X1.5-LH	129	92	133	66	SU4V028MC-A-SPN	419
	32mm	60	M16X1.5-LH	133	96	135	68	SU4V032MA-A-SPN	432
	36mm	60	M16X1.5-LH	141	118	167	72	SU4V036MA-A-SPN	498
	36mm	60	M18X2.0-LH	141	118	167	72	SU4V036MB-A-SPN	498

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Sumitomo	40mm	60	M22X2.0-LH	152	126	180	77	SU4V040MA-A-SPN	536
	40mm	60	M20X2.0-LH	152	126	180	77	SU4V040MB-A-SPN	536
	45mm	60	M24X2.0-LH	160	150	217	81	SU4V045MA-A-SPN	608
	45mm	60	M20X2.0-LH	160	150	217	81	SU4V045MB-A-SPN	608
	45mm	60	M27X2.0-LH	160	150	217	81	SU4V045MC-A-SPN	608
	50mm	60	M24X2.0-LH	164	154	252	84	SU4V050MA-A-SPN	654
	50mm	30	M24X2.0-LH	164	154	252	84	SU4V050MA-B-SPN	654
	63mm	60	M33X3.0-LH	187	197	283	95	SU4V063MA-A-SPN	762
	71mm	60	M33X3.0-LH	220	232	326	112	SU4V071MA-A-SPN	889
Trueblood	28mm*	90	.625-11 TPI-LH	221	---	133	66	TB3V028MA-A-SPN	419
	1.25"	90	.625-11 TPI-LH	133	96	135	68	TB4V1250A-A-SPN	432
	1.375"	90	.625-11 TPI-LH	137	99	139	69	TB4V1375A-A-SPN	444
	35mm	90	.625-11 TPI-LH	140	117	166	72	TB4V035MA-A-SPN	495
	1.5"	90	.625-11 TPI-LH	145	120	171	73	TB4V1500A-A-SPN	509
	1.75"	90	.750-10 TPI-LH	160	150	217	81	TB4V1750A-A-SPN	608
	2"	90	.875-09 TPI-LH	167	177	256	85	TB4V2000A-A-SPN	685
	2.25"	90	.875-09 TPI-LH	182	191	274	93	TB4V2250A-A-SPN	739
	2.5"	45	1.250-08 TPI-LH	187	198	284	95	TB4V2500A-A-SPN	765
	2.5"	90	1.125-07 TPI-LH	187	198	284	95	TB4V2500B-A-SPN	765
TMC	35mm	30	M18X2.5-LH	140	117	166	72	TM4V035MA-A-SPN	495
	45mm	20	M24X3.0-LH	160	150	217	81	TM4V045MA-A-SPN	608
	45mm	30	M24X3.0-LH	160	150	217	81	TM4V045MA-B-SPN	608
	50mm	30	M24X3.0-LH	164	154	252	84	TM4V050MA-A-SPN	654
	60mm	35	M30X2.0-LH	184	194	278	94	TM4V060MA-A-SPN	750
	64mm	25	M30X2.0-LH	189	199	286	96	TM4V064MA-A-SPN	770
	70mm	30	M30X2.0-LH	218	231	322	112	TM4V070MA-A-SPN	884
	75mm	30	M40X3.0-LH	225	238	340	114	TM4V075MA-A-SPN	917
	85mm	30	M40X3.0-LH	298	314	452	145	TM4V085MA-A-SPN	1209
Toshiba	18mm*	50	M8X1.0-LH	221	---	133	66	TO3V018MA-A-SPN	419
	24mm	90	M12X1.75-LH	129	92	133	66	TO4V024MA-A-SPN	419
	25mm	50	M12X1.5-LH	129	92	133	66	TO4V025MA-A-SPN	419
	25mm	30	M12X1.5-LH	129	92	133	66	TO4V025MA-B-SPN	419
	28mm*	50	M15X1.5-LH	221	---	133	66	TO3V028MA-A-SPN	419
	28mm*	30	M15X1.5-LH	221	---	133	66	TO3V028MA-B-SPN	419
	28mm*	60	M15X1.5-LH	221	---	133	66	TO3V028MA-C-SPN	419
	32mm	50	M18X2.0-LH	133	96	135	68	TO4V032MA-A-SPN	432
	32mm	20	M18X2.0-LH	133	96	135	68	TO4V032MA-B-SPN	432
	32mm	60	M18X2.0-LH	133	96	135	68	TO4V032MA-C-SPN	432
	32mm	30	M18X2.0-LH	133	96	135	68	TO4V032MA-D-SPN	432
	36mm	30	M22X2.0-LH	141	118	167	72	TO4V036MA-A-SPN	498 x

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.



# Mallard<sup>®</sup> Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Toshiba	36mm	20	M22X2.0-LH	141	118	167	72	TO4V036MA-B-SPN	498
	36mm	60	M22X2.0-LH	141	118	167	72	TO4V036MA-C-SPN	498
	36mm	23	M22X2.0-LH	141	118	167	72	TO4V036MA-E-SPN	498
	40mm	30	M22X2.0-LH	152	126	180	77	TO4V040MA-A-SPN	536
	40mm	60	M22X2.0-LH	152	126	180	77	TO4V040MA-B-SPN	536
	40mm	23	M22X2.0-LH	152	126	180	77	TO4V040MA-C-SPN	536
	45mm	60	M26X1.5-LH	160	150	217	81	TO4V045MA-A-SPN	608
	45mm	30	M26X1.5-LH	160	150	217	81	TO4V045MA-B-SPN	608
	50mm	30	M28X2.0-LH	164	154	252	84	TO4V050MA-A-SPN	654
	50mm	23	M28X2.0-LH	164	154	252	84	TO4V050MA-B-SPN	654
	50mm	60	M28X2.0-LH	164	154	252	84	TO4V050MA-C-SPN	654
	55mm	30	M28X2.0-LH	176	185	266	90	TO4V055MA-A-SPN	717
	55mm	23	M28X2.0-LH	176	185	266	90	TO4V055MA-B-SPN	717
	55mm	60	M28X2.0-LH	176	185	266	90	TO4V055MA-C-SPN	717
	60mm	20	M28X2.0-LH	184	194	278	94	TO4V060MA-A-SPN	750
	60mm	60	M28X2.0-LH	184	194	278	94	TO4V060MB-A-SPN	750
	60mm	30	M28X2.0-LH	184	194	278	94	TO4V060MB-C-SPN	750
	60mm	23	M28X2.0-LH	184	194	278	94	TO4V060MB-E-SPN	750
	70mm	60	M36X3.0-LH	218	231	322	112	TO4V070MA-A-SPN	884
	70mm	23	M36X3.0-LH	218	231	322	112	TO4V070MA-B-SPN	884
	70mm	30	M32X2.0-LH	218	231	322	112	TO4V070MB-A-SPN	884
	75mm	20	M40X2.0-LH	225	238	340	114	TO4V075MA-A-SPN	917
	80mm	60	M42X3.0-LH	281	300	433	134	TO4V080MA-A-SPN	1147
	80mm	23	M42X3.0-LH	281	300	433	134	TO4V080MA-C-SPN	1147
	80mm	20	M42X3.0-LH	281	300	433	134	TO4V080MA-D-SPN	1147
	80mm	30	M36X3.0-LH	281	300	433	134	TO4V080MB-A-SPN	1147
	85mm	23	M42X3.0-LH	298	314	452	145	TO4V085MA-A-SPN	1209
	85mm	35	M42X3.0-LH	298	314	452	145	TO4V085MA-B-SPN	1209
	90mm	23	M45X4.0-LH	Call	334	481	153	TO4V090MA-A-SPN	Call
	90mm	60	M45X4.0-LH	Call	334	481	153	TO4V090MA-B-SPN	Call
95mm	60	M45X4.0-LH	Call	342	491	158	TO4V095MA-A-SPN	Call	

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.





Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Trubor	.8820"	30	.500-13 TPI-LH	221	---	133	66	TR3V0882A-A-SPN	419
	25mm	30	.500-13 TPI-LH	129	92	133	66	TR4V025MA-A-SPN	419
	1"	30	.500-13 TPI-LH	221	---	133	66	TR3V1000A-A-SPN	419
	28mm	30	.500-13 TPI-LH	129	92	133	66	TR4V028MA-A-SPN	419
	31mm	30	.625-11 TPI-LH	131	94	134	67	TR4V031MA-A-SPN	426
	35mm	30	.625-11 TPI-LH	140	117	166	72	TR4V035MA-A-SPN	495
	1.5"	30	.750-10 TPI-LH	145	120	171	73	TR4V1500A-A-SPN	509
	41mm	30	.750-10 TPI-LH	155	129	184	80	TR4V041MA-A-SPN	548
Toyo	24mm*	30	M12X1.5-LH	221	---	133	66	TY3V024MA-A-SPN	419
	24mm*	45	M12X1.5-LH	221	---	133	66	TY3V024MA-B-SPN	419
	28mm*	30	M16X2.0-LH	221	---	133	66	TY3V028MA-A-SPN	419
	28mm*	45	M16X2.0-LH	221	---	133	66	TY3V028MA-B-SPN	419
	32mm	30	M18X2.5-LH	133	96	135	68	TY4V032MA-A-SPN	432
	32mm	45	M18X2.5-LH	133	96	135	68	TY4V032MA-B-SPN	432
	36mm	30	M18X2.5-LH	141	118	167	72	TY4V036MA-A-SPN	498
	36mm	45	M18X2.5-LH	141	118	167	72	TY4V036MA-B-SPN	498
	40mm	30	M22X2.5-LH	152	126	180	77	TY4V040MA-A-SPN	536
	40mm	45	M22X2.5-LH	152	126	180	77	TY4V040MA-B-SPN	536
	46mm	30	M24X3.0-LH	161	151	218	82	TY4V046MA-A-SPN	612
	46mm	45	M24X3.0-LH	161	151	218	82	TY4V046MA-B-SPN	612
	50mm	30	M27X3.0-LH	164	154	252	84	TY4V050MA-A-SPN	654
	50mm	45	M27X3.0-LH	164	154	252	84	TY4V050MA-B-SPN	654
	55mm	30	M27X3.0-LH	176	185	266	90	TY4V055MA-A-SPN	717
	60mm	30	M30X3.0-LH	184	194	278	94	TY4V060MA-A-SPN	750
	68mm	30	M33X3.5-LH	199	210	300	102	TY4V068MA-A-SPN	811
	75mm	30	M36X4.0-LH	225	238	340	114	TY4V075MA-A-SPN	917
83mm	30	M38X4.0-LH	295	311	448	143	TY4V083MA-A-SPN	1196	
UBE	71mm	31	1.250-07 TPI-LH	220	232	326	112	UB4V071MA-A-SPN	889
Uniloy	2"	60	.875-09 TPI-LH	167	177	256	85	UN4V2000A-A-SPN	685
Van Dorn	25mm*	30	.500-13 TPI-LH	221	---	133	66	VD3V025MA-A-SPN	419
	25mm	60	.500-13 TPI-LH	129	92	133	66	VD4V025MB-A-SPN	419
	28mm	30	.500-13 TPI-LH	129	92	133	66	VD4V028MA-A-SPN	419
	30mm	30	.625-11 TPI-LH	129	92	133	66	VD4V030MA-A-SPN	419

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.



# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Van Dorn	30mm	60	M12X1.75-LH	129	92	133	66	VD4V030MB-A-SPN	419
	31mm	30	(55ØWhit) .625-14	131	94	134	67	VD4V031MA-A-SPN	426
	35mm	45	.750-10 TPI-LH	140	117	166	72	VD4V035MA-A-SPN	495
	35mm	60	M14X2.0-LH	140	117	166	72	VD4V035MB-A-SPN	495
	35mm	30	.750-10 TPI-LH	140	117	166	72	VD4V035MA-C-SPN	495
	38mm	30	.750-10 TPI-LH	145	120	170	73	VD4V038MA-A-SPN	508
	40mm	30	.750-10 TPI-LH	152	126	180	77	VD4V040MA-A-SPN	536
	40mm	60	M16X2.0-LH	152	126	180	77	VD4V040MB-A-SPN	536
	50mm	30	1.000-08 TPI-LH	164	154	252	84	VD4V050MA-A-SPN	654
	50mm	60	TR22X3.0-LH	164	154	252	84	VD4V050MB-A-SPN	654
	50mm	20	1.000-08 TPI-LH	164	154	252	84	VD4V050MA-C-SPN	654
	50mm	22	TR22X3.0-LH	164	154	252	84	VD4V050MB-B-SPN	654
	57mm	30	1.250-07 TPI-LH	182	191	273	93	VD4V057MA-A-SPN	738
	57mm	20	1.250-07 TPI-LH	182	191	273	93	VD4V057MA-B-SPN	738
	60mm	22	TR27X3.0-LH	184	194	278	94	VD4V060MA-A-SPN	750
	65mm	30	1.375-06 TPI-LH	191	202	289	98	VD4V065MA-A-SPN	780
	65mm	20	1.375-06 TPI-LH	191	202	289	98	VD4V065MA-B-SPN	780
	69mm	30	1.375-06 TPI-LH	201	212	303	103	VD4V069MA-A-SPN	819
	70mm	60	TR30X3.0-LH	218	231	322	112	VD4V070MA-A-SPN	884
	70mm	22	TR30X3.0-LH	218	231	322	112	VD4V070MA-B-SPN	884
	75mm	30	1.375-06 TPI-LH	225	238	340	114	VD4V075MA-A-SPN	917
	75mm	20	1.375-06 TPI-LH	225	238	340	114	VD4V075MA-B-SPN	917
	80mm	30	M45X4.5-LH	281	300	433	134	VD4V080MA-A-SPN	1147
	80mm	60	TR35X3.0-LH	281	300	433	134	VD4V080MB-A-SPN	1147
	80mm	30	1.375-06 TPI-LH	281	300	433	134	VD4V080MA-B-SPN	1147
	80mm	20	1.375-06 TPI-LH	281	300	433	134	VD4V080MA-C-SPN	1147
	80mm	22	TR35X3.0-LH	281	300	433	134	VD4V080MB-B-SPN	1147
	90mm	30	1.750-08 TPI-LH	Call	334	481	153	VD4V090MA-A-SPN	Call
	90mm	20	1.750-08 TPI-LH	Call	334	481	153	VD4V090MA-C-SPN	Call
	95mm	60	TR40X3.0-LH	Call	342	491	158	VD4V095MA-A-SPN	Call
95mm	22	TR40X3.0-LH	Call	342	491	158	VD4V095MA-B-SPN	Call	

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.

x Requires thread adapter. See page 617.

# Mallard® Spinner Valve

Machine Type	Ring Valve Dia.	Nose Angle	Screw Thread Size	Stainless Retainer	Front Seat	Check Ring	Rear Seat	Complete Assembly Part Number	Complete Assembly Total Price
				Price	Price	Price	Price		
Van Norman	3"	30	1.500-08 TPI-LH	226	240	343	116	VN4V3000A-A-SPN	924
Welltec Cosmo	38mm	50	M16X2.0-LH	145	120	170	73	WC4V038MA-A-SPN	508
	43mm	50	M20X2.5-LH	159	140	202	81	WC4V043MA-A-SPN	582
	60mm	50	M27X3.0-LH	184	194	278	94	WC4V060MA-A-SPN	750
	60mm	60	M27X3.0-LH	184	194	278	94	WC4V060MA-B-SPN	750

\*Denotes 3 piece valve assembly. For individual retainer, front seat, check ring and rear seat part numbers - call BMS.  
x Requires thread adapter. See next page.

### Typical Nose Angles

Use this drawing to help identify the nose angle of your screw tip.

