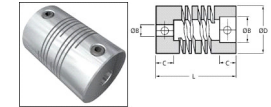




MBA

Couplings - Spiral Beam - 6 Beam



Pilot Bore size not toleranced.

Finished Bore sizes to +0.03/0.00.

Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
BS21PB	12.70 <i>0.500</i>	1.5 x 2.0	-	6.35 <i>0.250</i>	12.70 <i>0.500</i>	3	0.07 <i>0.003</i>	Set Screw	Aluminium	1.5
# BS31PB	6.35 <i>0.250</i>	1.5 x 2.0	-	3.00 <i>0.118</i>	12.70 <i>0.500</i>	3	0.07 <i>0.003</i>	Set Screw	Stainless Steel	4
# BS21-33	6.35 <i>0.250</i>	-	3 x 3	3.00 <i>0.118</i>	12.70 <i>0.500</i>	3	0.07 <i>0.003</i>	Set Screw	Aluminium	1.5
# BS31-33	6.35 <i>0.250</i>	-	3 x 3	3.00 <i>0.118</i>	12.70 <i>0.500</i>	3	0.07 <i>0.003</i>	Set Screw	Stainless Steel	4

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
# BC22PB	9.52	1.6 x 2.9	-	4.76	19.56	3	0.12	Split Cap Screw Clamping	Aluminium	2
	<i>0.375</i>			<i>0.187</i>	<i>0.770</i>		<i>0.005</i>			
# BS32PB	9.52	1.6 x 2.9	-	4.76	19.56	5	0.12	Set Screw	Stainless Steel	6
	<i>0.375</i>			<i>0.187</i>	<i>0.770</i>		<i>0.005</i>			
# BC32PB	9.52	1.6 x 2.9	-	4.76	19.55	3	0.12	Split Cap Screw Clamping	Stainless Steel	6
	<i>0.375</i>			<i>0.187</i>	<i>0.770</i>		<i>0.005</i>			
# BS22PB	9.52	1.6 x 2.9	-	4.76	19.56	5	0.12	Set Screw	Aluminium	2
	<i>0.375</i>			<i>0.187</i>	<i>0.770</i>		<i>0.005</i>			
# BC32-33	9.52	-	3 x 3	4.76	19.55	3	0.12	Split Cap Screw Clamping	Stainless Steel	6
	<i>0.375</i>			<i>0.187</i>	<i>0.770</i>		<i>0.005</i>			
# BS32-3/3	9.52	-	3 x 3	4.76	19.56	5	0.12	Set Screw	Stainless Steel	6
	<i>0.375</i>			<i>0.187</i>	<i>0.770</i>		<i>0.005</i>			
# BS22-33	9.52	-	3 x 3	4.76	19.56	5	0.12	Set Screw	Aluminium	2
	<i>0.375</i>			<i>0.187</i>	<i>0.770</i>		<i>0.005</i>			
# BC22-33	9.52	-	3 x 3	4.76	19.56	3	0.12	Split Cap Screw Clamping	Aluminium	2
	<i>0.375</i>			<i>0.187</i>	<i>0.770</i>		<i>0.005</i>			

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
BS23PB	12.70 <i>0.500</i>	2.5 x 4.5	-	6.35 <i>0.250</i>	22.86 <i>0.900</i>	5	0.17 <i>0.007</i>	Set Screw	Aluminium	16
# BC33PB	12.70 <i>0.500</i>	2.5 x 4.5	-	6.35 <i>0.250</i>	25.40 <i>1.000</i>	5	0.17 <i>0.007</i>	Split Cap Screw Clamping	Stainless Steel	28
# BS33PB	12.70 <i>0.500</i>	2.5 x 4.5	-	6.35 <i>0.250</i>	25.40 <i>1.000</i>	5	0.17 <i>0.007</i>	Set Screw	Stainless Steel	28
# BCN3PB	12.70 <i>0.500</i>	2.5 x 4.5	-	6.35 <i>0.250</i>	22.86 <i>0.900</i>	5	0.18 <i>0.007</i>	Split Cap Screw Clamping	Delrin	1.5
# BC23PB	12.70 <i>0.500</i>	2.5 x 4.5	-	6.35 <i>0.250</i>	22.86 <i>0.900</i>	5	0.17 <i>0.007</i>	Split Cap Screw Clamping	Aluminium	16
# BSN3PB	12.70 <i>0.500</i>	2.5 x 4.5	-	6.35 <i>0.250</i>	22.86 <i>0.900</i>	5	0.18 <i>0.007</i>	Set Screw	Delrin	1.5
# BC33-44	12.70 <i>0.500</i>	-	4 x 4	6.35 <i>0.250</i>	25.40 <i>1.000</i>	5	0.17 <i>0.007</i>	Split Cap Screw Clamping	Stainless Steel	28
# BS33-44	12.70 <i>0.500</i>	-	4 x 4	6.35 <i>0.250</i>	25.40 <i>1.000</i>	5	0.17 <i>0.007</i>	Set Screw	Stainless Steel	28

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
# BC23-44	12.70	-	4 x 4	6.35	22.86	5	0.17	Split Cap Screw Clamping	Aluminium	16
	<i>0.500</i>			<i>0.250</i>	<i>0.900</i>		<i>0.007</i>			
# BS23-44	12.70	-	4 x 4	6.35	22.86	5	0.17	Set Screw	Aluminium	16
	<i>0.500</i>			<i>0.250</i>	<i>0.900</i>		<i>0.007</i>			
# BCN4PB	19.05	2.7 x 5.8	-	10.00	26.50	7	0.25	Split Cap Screw Clamping	Delrin	3.0
	<i>0.750</i>			<i>0.394</i>	<i>1.043</i>		<i>0.010</i>			
# BS24PB	19.05	2.7 x 5.8	-	10.00	26.50	7	0.25	Set Screw	Aluminium	51
	<i>0.750</i>			<i>0.394</i>	<i>1.043</i>		<i>0.010</i>			
# BSN4PB	19.05	2.7 x 5.8	-	10.00	26.50	7	0.25	Set Screw	Delrin	3.0
	<i>0.750</i>			<i>0.394</i>	<i>1.043</i>		<i>0.010</i>			
# BC34PB	19.05	2.7 x 5.8	-	10.00	28.00	7	0.25	Split Cap Screw Clamping	Stainless Steel	80
	<i>0.750</i>			<i>0.394</i>	<i>1.102</i>		<i>0.010</i>			
# BC24PB	19.05	2.7 x 5.8	-	10.00	26.00	7	0.25	Split Cap Screw Clamping	Aluminium	51
	<i>0.750</i>			<i>0.394</i>	<i>1.024</i>		<i>0.010</i>			
# BS34PB	19.05	2.7 x 5.8	-	10.00	28.00	7	0.25	Set Screw	Stainless Steel	80
	<i>0.750</i>			<i>0.394</i>	<i>1.102</i>		<i>0.010</i>			

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
# BS34-56	19.05 <i>0.750</i>	-	5 x 6	10.00 <i>0.394</i>	28.00 <i>1.102</i>	7	0.25 <i>0.010</i>	Set Screw	Stainless Steel	80
# BS24-56	19.05 <i>0.750</i>	-	5 x 6	10.00 <i>0.394</i>	26.50 <i>1.043</i>	7	0.25 <i>0.010</i>	Set Screw	Aluminium	51
# BC34-56	19.05 <i>0.750</i>	-	5 x 6	10.00 <i>0.394</i>	28.00 <i>1.102</i>	7	0.25 <i>0.010</i>	Split Cap Screw Clamping	Stainless Steel	80
# BC24-56	19.05 <i>0.750</i>	-	5 x 6	10.00 <i>0.394</i>	26.00 <i>1.024</i>	7	0.25 <i>0.010</i>	Split Cap Screw Clamping	Aluminium	51
# BC25PB	25.40 <i>1.000</i>	3.3 x 7.5	-	12.70 <i>0.500</i>	38.10 <i>1.500</i>	7	0.38 <i>0.015</i>	Split Cap Screw Clamping	Aluminium	120
# BS25PB	25.40 <i>1.000</i>	3.3 x 7.5	-	12.70 <i>0.500</i>	38.10 <i>1.500</i>	7	0.38 <i>0.015</i>	Set Screw	Aluminium	120
# BS35PB	25.40 <i>1.000</i>	3.3 x 7.5	-	12.70 <i>0.500</i>	38.10 <i>1.500</i>	7	0.38 <i>0.015</i>	Set Screw	Stainless Steel	189
# BC35PB	25.40 <i>1.000</i>	3.3 x 7.5	-	12.70 <i>0.500</i>	38.10 <i>1.500</i>	7	0.38 <i>0.015</i>	Split Cap Screw Clamping	Stainless Steel	189

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
# BCN5PB	25.40	3.3 x 7.5	-	12.70	38.10	7	0.38	Split Cap Screw Clamping	Delrin	9.0
	<i>1.000</i>			<i>0.500</i>	<i>1.500</i>		<i>0.015</i>			
# BSN5PB	25.40	3.3 x 7.5	-	12.70	38.10	7	0.38	Set Screw	Delrin	9.0
	<i>1.000</i>			<i>0.500</i>	<i>1.500</i>		<i>0.015</i>			
# BC35-66	25.40	-	6 x 6	12.70	38.10	7	0.38	Split Cap Screw Clamping	Stainless Steel	189
	<i>1.000</i>			<i>0.500</i>	<i>1.500</i>		<i>0.015</i>			
# BS25-66	25.40	-	6 x 6	12.70	38.10	7	0.38	Set Screw	Aluminium	120
	<i>1.000</i>			<i>0.500</i>	<i>1.500</i>		<i>0.015</i>			
# BC25-66	25.40	-	6 x 6	12.70	38.10	7	0.38	Split Cap Screw Clamping	Aluminium	120
	<i>1.000</i>			<i>0.500</i>	<i>1.500</i>		<i>0.015</i>			
# BS35-66	25.40	-	6 x 6	12.70	38.10	7	0.38	Set Screw	Stainless Steel	189
	<i>1.000</i>			<i>0.500</i>	<i>1.500</i>		<i>0.015</i>			
# BCN6PB	31.75	5.0 x 9.2	-	16.00	57.15	10	0.50	Split Cap Screw Clamping	Delrin	16.0
	<i>1.250</i>			<i>0.630</i>	<i>2.250</i>		<i>0.020</i>			
# BC26PB	31.75	5.0 x 9.2	-	16.00	57.15	7	0.50	Split Cap Screw Clamping	Aluminium	250
	<i>1.250</i>			<i>0.630</i>	<i>2.250</i>		<i>0.020</i>			

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
# BS26PB	31.75 <i>1.250</i>	5.0 x 9.2	-	19.00 <i>0.748</i>	57.15 <i>2.250</i>	7	0.50 <i>0.020</i>	Set Screw	Aluminium	250
# BSN6PB	31.75 <i>1.250</i>	5.0 x 9.2	-	19.00 <i>0.748</i>	57.15 <i>2.250</i>	10	0.50 <i>0.020</i>	Set Screw	Delrin	16.0
# BC36PB	31.75 <i>1.250</i>	5.0 x 9.2	-	16.00 <i>0.630</i>	57.15 <i>2.250</i>	7	0.50 <i>0.020</i>	Split Cap Screw Clamping	Stainless Steel	405
# BS36PB	31.75 <i>1.250</i>	5.0 x 9.2	-	19.00 <i>0.748</i>	57.15 <i>2.250</i>	7	0.50 <i>0.020</i>	Set Screw	Stainless Steel	405
# BC26-810	31.75 <i>1.250</i>	-	8 x 10	16.00 <i>0.630</i>	57.15 <i>2.250</i>	7	0.50 <i>0.020</i>	Split Cap Screw Clamping	Aluminium	250
# BC36-810	31.75 <i>1.250</i>	-	8 x 10	16.00 <i>0.630</i>	57.15 <i>2.250</i>	7	0.50 <i>0.020</i>	Split Cap Screw Clamping	Stainless Steel	405
# BS36-810	31.75 <i>1.250</i>	-	8 x 10	19.00 <i>0.748</i>	57.15 <i>2.250</i>	7	0.50 <i>0.020</i>	Set Screw	Stainless Steel	405
# BS266-810	31.75 <i>1.250</i>	-	8 x 10	19.00 <i>0.748</i>	57.15 <i>2.250</i>	7	0.50 <i>0.020</i>	Set Screw	Aluminium	250

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
# BC27PB	38.10	6.8 x 11.0	-	19.00	66.67	7	0.60	Split Cap Screw Clamping	Aluminium	370
	<i>1.500</i>			<i>0.748</i>	<i>2.625</i>		<i>0.024</i>			
# BC37PB	38.10	6.8 x 11.0	-	19.00	66.67	7	0.60	Split Cap Screw Clamping	Stainless Steel	720
	<i>1.500</i>			<i>0.748</i>	<i>2.625</i>		<i>0.024</i>			
# BS37PB	38.10	6.8 x 11.0	-	22.00	66.67	7	0.60	Set Screw	Stainless Steel	720
	<i>1.500</i>			<i>0.866</i>	<i>2.625</i>		<i>0.024</i>			
# BCN7PB	38.10	6.8 x 11.0	-	19.00	66.67	10	0.68	Split Cap Screw Clamping	Delrin	24.0
	<i>1.500</i>			<i>0.748</i>	<i>2.625</i>		<i>0.027</i>			
# BS27PB	38.10	6.8 x 11.0	-	22.00	66.67	7	0.60	Set Screw	Aluminium	370
	<i>1.500</i>			<i>0.866</i>	<i>2.625</i>		<i>0.024</i>			
# BSN7PB	38.10	6.8 x 11.0	-	22.00	66.67	10	0.68	Set Screw	Delrin	24.0
	<i>1.500</i>			<i>0.866</i>	<i>2.625</i>		<i>0.027</i>			
# BC27-1012	38.10	-	10 x 12	19.00	66.67	7	0.60	Split Cap Screw Clamping	Aluminium	370
	<i>1.500</i>			<i>0.748</i>	<i>2.625</i>		<i>0.024</i>			
# BS37-1012	38.10	-	10 x 12	22.00	66.67	7	0.60	Set Screw	Stainless Steel	720
	<i>1.500</i>			<i>0.866</i>	<i>2.625</i>		<i>0.024</i>			

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
# BS27-1012	38.10 <i>1.500</i>	-	10 x 12	22.00 <i>0.866</i>	66.67 <i>2.625</i>	7	0.60 <i>0.024</i>	Set Screw	Aluminium	370
# BC37-1012	38.10 <i>1.500</i>	-	10 x 12	19.00 <i>0.748</i>	66.67 <i>2.625</i>	7	0.60 <i>0.024</i>	Split Cap Screw Clamping	Stainless Steel	720
# BCN9PB	50.80 <i>2.000</i>	10.0 x 15.0	-	28.00 <i>1.102</i>	95.30 <i>3.752</i>	10	0.90 <i>0.035</i>	Split Cap Screw Clamping	Delrin	47.0
# BC29PB	50.80 <i>2.000</i>	10.0x15.0	-	26.00 <i>1.024</i>	95.30 <i>3.752</i>	7	0.80 <i>0.031</i>	Split Cap Screw Clamping	Aluminium	760
# BS29PB	50.80 <i>2.000</i>	10.0x15.0	-	28.00 <i>1.102</i>	95.30 <i>3.752</i>	7	0.80 <i>0.031</i>	Set Screw	Aluminium	760
# BC39PB	50.80 <i>2.000</i>	10.0 x 15.0	-	26.00 <i>1.024</i>	95.30 <i>3.752</i>	7	0.80 <i>0.031</i>	Split Cap Screw Clamping	Stainless Steel	1450
# BS39PB	50.80 <i>2.000</i>	10.0x15.0	-	28.00 <i>1.102</i>	95.13 <i>3.745</i>	7	0.80 <i>0.031</i>	Set Screw	Stainless Steel	1450
# BSN9PB	50.80 <i>2.000</i>	10.0x15.0	-	28.00 <i>1.102</i>	95.30 <i>3.752</i>	10	0.90 <i>0.035</i>	Set Screw	Delrin	47.0

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Couplings - Spiral Beam - 6 Beam

Part Number	OD mm	Pilot Bore mm	Finished Bore mm	Max. Bore mm	Length mm	Max. Angular Offset Deg	Max Parallel Offset mm	Hub Type	Material	Torsional Stiffness N.m/Rad
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>			
# BC29-1416	50.80	-	14 x 16	26.00	95.30	7	0.80	Split Cap Screw Clamping	Aluminium	760
	<i>2.000</i>			<i>1.024</i>	<i>3.752</i>		<i>0.031</i>			
# BS29-1416	50.80	-	14 x 16	28.00	95.30	7	0.80	Set Screw	Aluminium	760
	<i>2.000</i>			<i>1.102</i>	<i>3.752</i>		<i>0.031</i>			
# BC39-1416	50.80	-	14 x 16	26.00	95.30	7	0.80	Split Cap Screw Clamping	Stainless Steel	1450
	<i>2.000</i>			<i>1.024</i>	<i>3.752</i>		<i>0.031</i>			
# BS39-1416	50.80	-	14 x 16	28.00	95.13	7	0.80	Set Screw	Stainless Steel	1450
	<i>2.000</i>			<i>1.102</i>	<i>3.745</i>		<i>0.031</i>			

Indicates item not stocked at time of printing - Please enquire for lead time

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MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.



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