



# MBA

## Couplings - Helical - Low Inertia



0.8 to 13.2 Nm.

5 Degree max angular misalignment.

0.254 mm Parallel offset.

+/- 0.203 mm Axial motion.

Zero backlash.

This catalogue to be read in conjunction with information at [http://www.minibearings.com.au/ogue/tech/couplings/couplings\\_helical.pdf](http://www.minibearings.com.au/ogue/tech/couplings/couplings_helical.pdf)

### Couplings - Helical - Low Inertia

Part Number	OD (D) mm	Bores (B1 / B2) mm	Length (E) mm	Working Torque N.m	Maximum Speed RPM	Hub Config/Hub Diameter mm	Material	Bore Depth (C) mm	Rigidity Arc.Min / N.m
	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>		<i>inches</i>	
# CPHL19-0478x3175S-A	19.05	4.775 / 4.775	31.75	0.8		Split Hub / 19.05	7075-T6 Aluminum		2.0
	<i>0.750</i>		<i>1.250</i>						
CPHL19-0635x3219S-A	19.05	6.350 / 6.350	31.75	0.7		Split Hub / 19.05	7075-T6 Aluminum		2.7
	<i>0.750</i>		<i>1.250</i>						
CPHL25-0635x3825S-A	25.40	6.350 / 6.350	38.10	1.8		Split Hub / 25.40	7075-T6 Aluminum		0.9
	<i>1.000</i>		<i>1.500</i>						

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

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

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

## Couplings - Helical - Low Inertia

Part Number	OD (D) mm	Bores (B1 / B2) mm	Length (E) mm	Working Torque N.m	Maximum Speed RPM	Hub Config/Hub Diameter mm	Material	Bore Depth (C) mm	Rigidity Arc.Min / N.m
	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>		<i>inches</i>	
CPHL25-0795x3825S-A	25.40	7.950 / 7.950	38.10	1.6		Split Hub / 25.40	7075-T6 Aluminum		1.1
	<i>1.000</i>		<i>1.500</i>						
# CPHL25-0953x3825S-A	25.40	9.525 / 9.525	38.10	1.4		Split Hub / 25.40	7075-T6 Aluminum		1.3
	<i>1.000</i>		<i>1.500</i>						
# CPHL32-0795x4432S-A	31.75	7.950 / 7.950	44.45	3.4		Split Hub / 31.75	7075-T6 Aluminum		0.4
	<i>1.250</i>		<i>1.750</i>						
# CPHL32-0953x4432S-A	31.75	9.525 / 9.525	44.45	3.3		Split Hub / 31.75	7075-T6 Aluminum		0.5
	<i>1.250</i>		<i>1.750</i>						
# CPHL32-1270x4445S-A	31.75	12.700 / 12.700	44.45	2.7		Split Hub / 31.75	7075-T6 Aluminum		0.8
	<i>1.250</i>		<i>1.750</i>						
# CPHL32-1588x4445S-A	31.75	15.875 / 15.875	44.45	2.0		Split Hub / 31.75	7075-T6 Aluminum		1.3
	<i>1.250</i>		<i>1.750</i>						
# CPHL38-0953x5715S-A	38.10	9.525 / 9.525	57.15	7.3		Split Hub / 38.10	7075-T6 Aluminum		0.2
	<i>1.500</i>		<i>2.250</i>						
# CPHL38-1270x5715S-A	38.10	12.700 / 12.700	57.15	6.5		Split Hub / 38.10	7075-T6 Aluminum		0.3
	<i>1.500</i>		<i>2.250</i>						

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

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

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

## Couplings - Helical - Low Inertia

Part Number	OD (D) mm	Bores (B1 / B2) mm	Length (E) mm	Working Torque N.m	Maximum Speed RPM	Hub Config/Hub Diameter mm	Material	Bore Depth (C) mm	Rigidity Arc.Min / N.m
	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>		<i>inches</i>	
# CPHL38-1588x5715S-A	38.10	15.875 / 15.875	57.15	5.3		Split Hub / 38.10	7075-T6 Aluminum		0.4
	<i>1.500</i>		<i>2.250</i>						
# CPHL51-1270x6350S-A	50.80	12.700 / 12.700	63.50	13.2		Split Hub / 50.80	7075-T6 Aluminum		0.1
	<i>2.000</i>		<i>2.500</i>						
# CPHL51-1588x6350S-A	50.80	15.875 / 15.875	63.50	12.1		Split Hub / 50.80	7075-T6 Aluminum		0.1
	<i>2.000</i>		<i>2.500</i>						
# CPHL51-1905x6350S-A	50.80	19.050 / 19.050	63.50	10.7		Split Hub / 50.80	7075-T6 Aluminum		0.2
	<i>2.000</i>		<i>2.500</i>						

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

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

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



DISTRIBUTED BY

Ask us to put your name and address here

<http://www.minibearings.com.au/product>

Ph +61 7 3245 7977

Fax +61 7 3245 1017

Catalogue requests to [catalogues@minibearings.com.au](mailto:catalogues@minibearings.com.au)

