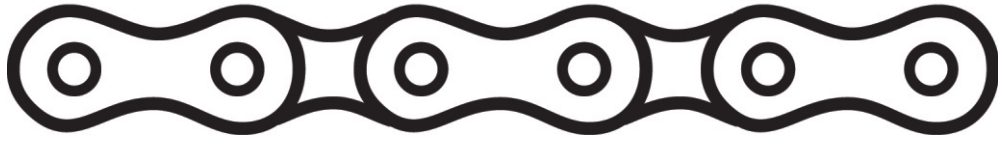


# PT PARTS



POWER TRANSMISSION PARTS

*Spare parts in-stock when you need them*

## Tyre Couplings



[www.ptparts.com.au](http://www.ptparts.com.au)

# PTPARTS

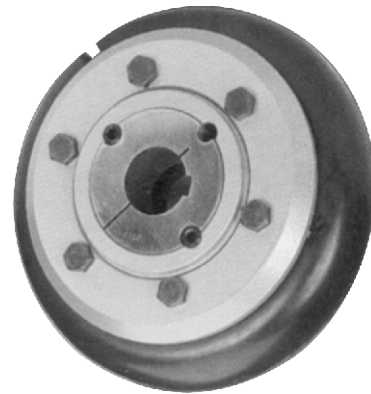


## TYRE COUPLING

The Tyre coupling is primarily designed to allow for misalignment both angular and parallel and compensates for end float. Furthermore torsional vibration is reduced and shock loads minimized by the flexing body. The coupling has been successfully subjected, under normal circumstances, to angular misalignment up to 4°, parallel misalignment up to 3mm and end float up to 8mm. The design of the coupling, having a flexing member with remarkable durability, suppresses the initial shock load and eliminates to a marked degree the stresses common to power driven machinery. Tyres are available in Natural Rubber.

## PERFORMANCE DATA

Part No.	Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)	Normal Maximum Speed (RPM)
A-40	30.0	0.220	64.0	4500
A-50	38.0	0.560	160.0	4500
A-60	48.0	1.110	318.0	4000
A-70	55.0	1.700	487.0	3600
A-80	65.0	2.650	759.0	3100
A-90	76.0	3.820	1056.0	2880
A100	85.0	5.290	1517.0	2600
A110	90.0	7.460	2137.0	2300
A120	102.0	12.400	3547.0	2050
A140	120.0	19.700	5642.0	1800
A160	140.0	32.600	9339.0	1600
A180	150.0	57.400	16500.0	1500



## DIMENSIONAL DATA

Part No.	Bore		Bush		A	B	C	D
	Min	Max	S	R				
A-40	10.0	30.0	1008	1008	104.0	67.0	22.0	82.0
A-50	14.0	38.0	1210	1210	133.0	92.0	32.0	79.0
A-60	15.0	48.0	1610	1610	165.0	112.0	38.0	73.0
A-70	15.0	55.0	1610	2012	197.0	113.0	45.0	82.0
A-80	20.0	65.0	2012	2517	211.0	150.0	51.0	95.0
A-90	20.0	76.0	2517	2517	235.0	164.0	57.0	110.0
A100	25.0	85.0	2517	3020	245.0	178.0	60.0	124.0
A110	30.0	90.0	3020	3020	279.0	180.0	65	134.0
A120	35.0	102.0	3020	3525	314.0	207.0	76	152.0
A140	50.0	120.0	3525	3525	359.0	204.0	89	195.0
A160	60.0	140.0	4030	4030	402.0	220.0	102	216.0
A180	70.0	150.0	4535	4535	470.0	258.0	114	266.0

