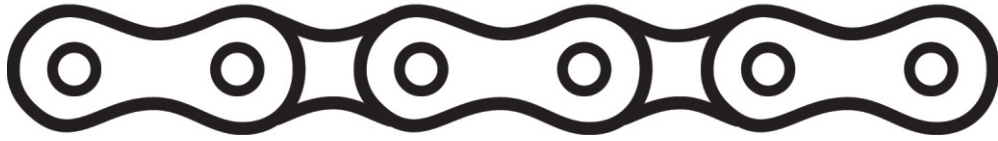


PT PARTS



POWER TRANSMISSION PARTS

Spare parts in-stock when you need them

Straight Jaw Couplings



www.ptparts.com.au



JAW TYPE 'N', 'SWN' COUPLING

'N' TYPE

The most common shaft to shaft jaw coupling around with star shaped spider. Made to industry standard and available in a wide range of bore sizes.

'SWN' TYPE

Shaft to shaft jaw coupling with all of the advantages of the N Series but with the wrap around element and retaining collar.



'N' Type



'SWN' Type

Part No.	Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)			Normal Maximum Speed* N (RPM)
			Rubber	Polyurethane		
			Black 80 Sh A	Yellow 92 Sh A	Red 98 Sh A	
N050	16.0	0.029	2.8	-	-	18000
N070	20.0	0.051	4.9	-	-	14000
N075	22.0	0.103	9.8	-	-	11000
N/SWN095	28.0	0.221	21.1	31.7	42.2	8000
N/SWN100	38.0	0.486	46.4	69.6	92.8	7000
N/SWN110	42.0	0.932	89.0	133.5	178.0	5000
N/SWN150	48.0	1.476	141.0	211.5	282.0	5000
N/SWN190	60.0	1.990	190.0	285.0	380.0	5000
N/SWN225	65.0	2.775	265.0	397.5	530.0	4200

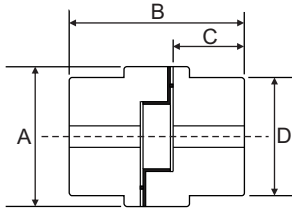
Power at 100 RPM based on Rubber 80 Shore A (Black)

* SWN Normal Maximum Speed of 3600 RPM

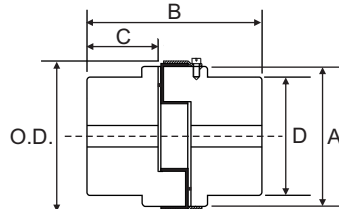


JAW TYPE 'N' & 'SWN' COUPLING

N SERIES
(Standard spider coupling)



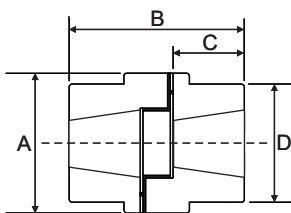
SWN SERIES
(Wrap around element coupling)



Part No.	Bore		A	B	C	D	Collar O.D.
	Min	Max					
N050	6.0	16.0	28.0	46.0	17.0	28.0	-
N070	9.0	20.0	35.0	51.0	19.0	36.0	-
N075	9.0	22.0	45.0	55.0	21.0	45.0	-
N/SWN095	10.0	28.0	54.0	63.0	25.0	49.0	64.0
N/SWN100	10.0	38.0	65.0	88.0	35.0	57.0	78.0
N/SWN110	15.0	42.0	85.0	108.0	43.0	76.0	96.0
N/SWN150	15.0	48.0	96.0	115.0	45.0	80.0	111.0
N/SWN190	20.0	60.0	115.0	133.0	54.0	102.0	130.0
N/SWN225	20.0	65.0	127.0	153.0	64.0	111.0	142.0

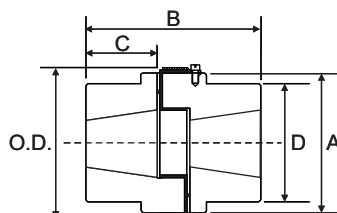
HUBS TO SUIT TAPERED BUSHES

N SERIES
(Standard spider coupling)



Hub Type J Hub Type H

SWN SERIES
(Wrap around element coupling)



Couplings can comprise of any combination of H type or J Type hubs.

Part No.	Bore Max	Taper Bush Size	A	B	C	D	R*	Collar O.D.
N/SWN100	28.0	1108	65.0	65.0	23.5	60.0	29.0	78.0
N/SWN110	32.0	1210	85.0	75.0	26.5	83.0	38.0	96.0
N/SWN150	32.0	1210	96.0	78.0	26.5	92.0	38.0	111.0
N/SWN190	42.0	1610	115.0	78.0	26.5	102.0	38.0	130.0
N/SWN225	50.0	2012	127.0	92.0	33.5	115.0	42.0	142.0

* R = Minimum clearance required to remove taper bush.

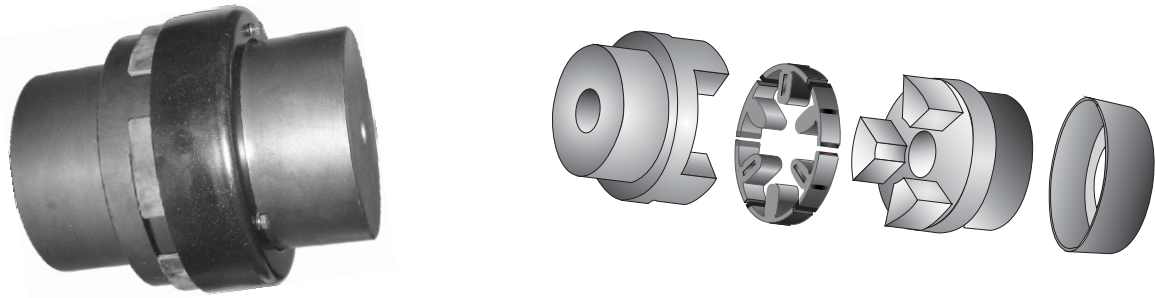




JAW TYPE 'CWN' COUPLING

'CWN' TYPE

Shaft to shaft jaw coupling with T-Insert elements and retaining collar. For higher power requirements than N or SWN series.



Part No.	Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)			Normal Maximum Speed (RPM)
			Rubber Black	Polyurethane		
			80 Sh A	92 Sh A	98 Sh A	
CWN226	70.0	3.393	324.0	583.2	810.0	3150
CWN276	75.0	5.571	532.0	957.6	1330.0	2750
CWN280	80.0	8.188	782.0	1407.6	1955.0	2250
CWN295	95.0	13.393	1279.0	2302.2	3197.5	1800
CWN2955 *	105.0	22.325	2132.0	3837.6	5330.0	1800
CWN300 *	105.0	31.906	3047.0	5484.6	7617.5	1700
CWN350 *	115.0	45.110	4308.0	7754.4	10770.0	1400

Power at 100 RPM based on Rubber 80 Shore A (Black)

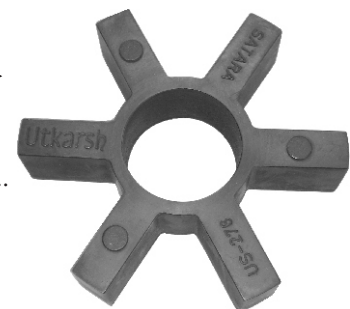
* Available on Request

CWN / CWS T-Insert



Special T-Insert designed for ease of installation and removal.

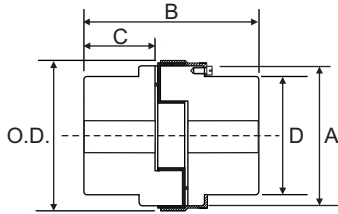
CWN Element



Available in standard rubber spider upon request..



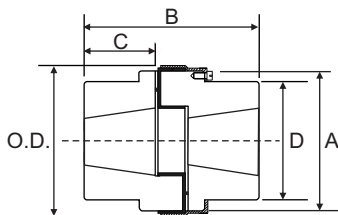
JAW TYPE 'CWN' COUPLING



Part No.	Bore		A	B	C	D	Collar O.D.
	Min	Max					
CWN226	25.0	70.0	137.0	178.0	70.0	119.0	153.0
CWN276	25.0	75.0	157.0	200.0	80.0	127.0	173.0
CWN280	30.0	80.0	192.0	200.0	80.0	140.0	205.0
CWN295	40.0	95.0	237.0	238.0	95.0	162.0	251.0
CWN2955	50.0	105.0	237.0	264.0	108.0	180.0	251.0
CWN300	50.0	105.0	254.0	283.0	115.0	180.0	267.0
CWN350	50.0	115.0	305.0	309.0	128.0	200.0	318.0

CWN226-CWN295 - Set of 6 T-Inserts
 CWN2955-CWN350 - Set of 10 T-Inserts

HUBS TO SUIT TAPERED BUSHES



Hub Type J Hub Type H

Couplings can comprise of any combination of H type or J Type hubs.

Part No.	Bore Max	Taper Bush Size	A	B	C	D	R*	Collar O.D.
CWN226	50.0	2012	137.0	105.0	33.5	115.0	48.0	153.0
CWN276	60.0	2517	157.0	133.0	46.5	124.0	48.0	173.0
CWN280	60.0	2517	192.0	133.0	46.5	124.0	48.0	205.0
CWN295	75.0	3020	237.0	153.0	52.5	159.0	55.0	251.0
CWN2955	75.0	3020	237.0	153.0	52.5	159.0	55.0	251.0
CWN300	75.0	3020	254.0	158.0	52.5	180.0	55.0	267.0
CWN350	90.0	3535	305.0	231.0	89.0	200.0	67.0	318.0

* R = Minimum clearance required to remove taper bush

CWN226-CWN295 - Set of 6 T-Inserts
 CWN2955-CWN350 - Set of 10 T-Inserts





PERFORMANCE DATA

JAW TYPE 'SWR' COUPLING

'SWR' TYPE

Spacer coupling for shaft to shaft connection. Ideally suited to pump applications, as the spacer can be removed radially, without disturbing driver or driven equipment.

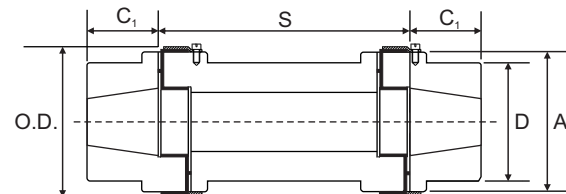
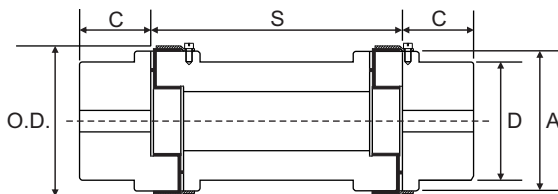
Part No.	Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)			Normal Maximum Speed (RPM)
			Rubber	Polyurethane		
			Black 80 Sh A	Yellow 92 Sh A	Red 98 Sh A	
SWR095	28.0	0.221	21.1	38.0	52.8	3600
SWR100	35.0	0.486	46.4	83.5	116.0	3600
SWR110	42.0	0.932	89.0	160.2	222.5	3600
SWR150	48.0	1.476	141.0	253.8	352.5	3600
SWR190	60.0	1.990	190.0	342.0	475.0	3600
SWR225	65.0	2.775	265.0	477.0	662.5	3600
SWR226	70.0	3.424	327.0	588.6	817.5	3600

Power at 100 RPM based on Rubber 80 Shore A (Black)



Complete SWR Coupling Consists of:
 2 - "N" type hubs
 1 - Spacer
 2 - Wrap around rubbers
 2 - Collars with screws

DIMENSIONAL DATA



Part No.	Bore		Taper Bush Size	A	C	C ₁	D	Collar O.D.	S*
	Min	Max							
SWR095	10.0	28.0	-	54.0	25.0	-	49.0	64.0	100/140
SWR100	10.0	35.0	1108	65.0	35.0	23.6	57.0	78.0	100/140
SWR110	15.0	42.0	1210	85.0	43.0	27.2	76.0	96.0	100/140/180
SWR150	15.0	48.0	1210	96.0	45.0	27.2	80.0	111.0	100/140/180
SWR190	20.0	60.0	1610	115.0	54.0	27.6	102.0	130.0	100/140/180
SWR225	20.0	65.0	2012	127.0	64.0	33.5	111.0	142.0	100/140/180
SWR226	25.0	70.0	2012	137.0	70.0	33.5	115.0	153.0	140/180

*S = Spacer lengths

