



# POWER

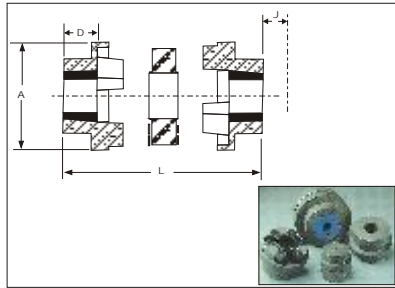
TRANSMISSION PRODUCTS

- Rubber Elements for Flexible Couplings
- Couplings, Pulleys & Bushes
- SMSRs

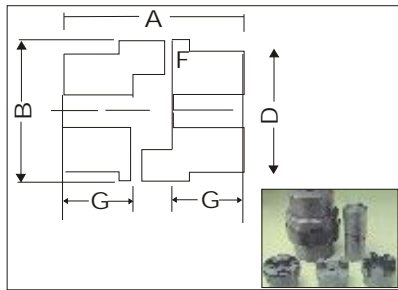
 Fenner (India) Limited



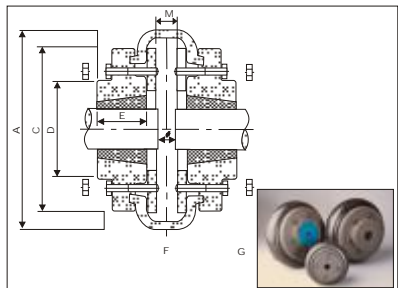
## STAR COUPLINGS



STAR COUPLINGS



JAW COUPLINGS



TYRE COUPLINGS

Size	Power Per 100 rpm (kw)	Bush Number		Dimensions in mm			J (Wrench Clearance)	Approx* mass in Kg
				A	B	D		
S70	0.33	1008	25	66.0	69	24.0	29	1.2
S90	0.84	1108	28	70.5	85	24.0	29	2.0
S110	1.68	1210	32	83.0	112	27.0	38	4.3
S130	3.30	1610	42	90.0	130	27.0	38	6.0
S150	6.28	2012	50	108.0	150	34.0	44	9.1
S180	9.95	2517	60	143.0	180	47.0	48	15.2
S230	20.90	3020	75	165.5	225	53.0	55	28.0

WEIGHTS GIVEN ARE FOR COMPLETE COUPLINGS

## JAW COUPLINGS

Size	Power Per 100 rpm (kw)	Bore In mm		Dimensions in mm				
		Min	Max	A	B	D	F	G
J095	0.21	15	28	63	54	49	2	25
J099	0.39	20	30	72	65	51	2	27
J0100	0.50	20	38	88	65	57	2	35
J0110	0.92	20	42	108	85	76	3	43
J0150	1.50	30	48	115	96	80	3	45
J0190	2.02	36	55	133	115	102	3	54

J-035, J-050, J-070, J-075, J-090: Only Rubber elements available (Metal parts not available)

## TYRE COUPLINGS

DIMENSIONS F&H AND BTYPE COUPLINGS (All Dimensions in mm)																				
Size	Bush No.	Max Bore	L	D	E	J	★ Approx Weight (Kg)	Max Bore	Min Bore	L	D	E	Set Screw on key	★ Approx Weight (kg)	A	C	F	✱ G	★ M	No. of Screws per Flange
T40	1008	25	67	-	22	29	1.4	30	11	67	-	22	M5	2	104	82	-	43	23	4
T45	1108	28	67	-	22	29	3.0	32	11	73	-	25	M5	2.2	120	94	-	43	23	4
T50	1210	32	78	79	25	38	3.1	38	16	92	-	32	M5	4	133.5	100	-	43	28	4
T60	1610	42	86	103	25	38	5.2	48	16	112	73	38	M6	5	165	125	-	43	36	5
T70	1610	42	92	76	25	38	7.4	55	19.05	132	82	45	M6	8	197	144	50.5	10	42	5
T80	2012	50	111	95	32	47	9.2	65	25.4	149	95	51	M10	12	211	167	53	10	47	6
T85	2012	50	112	103	32	47	2.5	70	31.75	154	103	52	M12	14	222	179	53.5	13	48	6
T90	2517	60	140	110	45	50	15.0	76	31.75	164	110	57	M12	15	235	188	59.5	13	50	6
T100	2517	60	148	124	45	50	20.0	85	31.75	178	124	60	M12	21	254	216	61.5	13	58	6
T110	2517	60	140	134	45	50	26.5	90	31.75	180	134	65	M12	28	279	233	63.5	14	50	6
T120	3020	75	157	152	51	68	35.5	102	38.1	207	152	76	M12	41	314	264	70	14	55	6
T140	3535	90	204	194.5	89	89	67.2	120	75	204	195	89	M20	61	359	313	76	14	26	8
T160	4040	100	220	216	102	110	91.0	140	75	220	216	102	M20	86	402	345	78	19	16	8
T180	4545	110	258	266	114	126	146.0	150	75	258	266	114	M20	141	470	398	94	19	30	10

★ Weight given are for Min. Bore complete coupling

★ M is the distance between flanges.

Shaft ends, although normally located "m" apart project beyond the flanges as shown. In this event, allow sufficient space between shaft ends for the float and misalignments.

✱ G is the amount by which clamping screws need to be withdrawn to release tyre

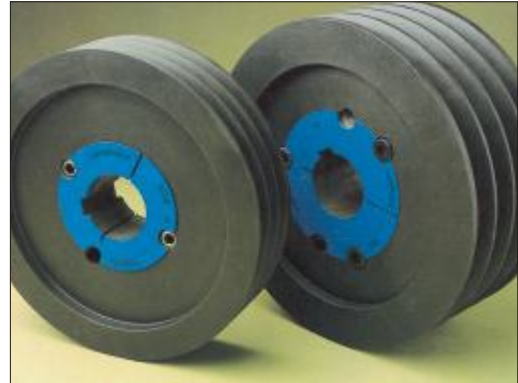
J is the wrench clearance to allow for tightening and loosening the bush on the shaft. The use of the shortened wrench will allow this dimension to be reduced.



# POWER TRANSMISSION PRODUCTS

## GRIP LOCK PULLEYS

RECOMMENDED MINIMUM PULLEY PITCH DIAMETERS			
Wedge Belt Section			
SPZ	SPA	SPB	SPC
56	90	160	224



STOCK RANGE OF PULLEY PITCH DIAMETERS																							
SPA & A SECTION 2 to 5 Grooves P.C.D.(mm)	80	85	90	95	100	106	112	118	125	132	140	150	160	180	200	250	315	400	500	630	-	-	-
SPA & B SECTION 2 to 6 Grooves P.C.D.(mm)	125	132	140	150	160	170	180	190	200	212	224	236	250	280	315	355	400	500	630	800	1000	-	-
SPC & C SECTION 4 to 8 Grooves P.C.D.(mm)																							



## GRIP LOCK BUSHES

BUSH SIZE	1008 1108	1210 1215	1310 -	1610 1615	2012 -	2517 2525	3020 3030	3525 3535	- 4040	- 4545	- 5050
SRANGE OF BORES (mm)	9 TO	11 TO	14 TO	14 TO	14 TO	16 TO	25 TO	35 TO	40 to	55 TO	70 TO
SCREW TIGHTENING TORQUE(Nm)	25	32	35	42	50	60	75	90	100	110	125
SCREW DETAILS	QTY.										
	SIZE (BSW)	2	2	2	2	2	2	3	3	3	3



## SHAFT MOUNTED SPEED REDUCERS

SIZE	RATING AT 40rpm 13 (Kw) 20:1 RATIO	RATING AT 200rpm 5:1 RATIO (Kw)	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	STANDARD HUB BORE* (mm)	ALTERNATIVE HUB BORE* (mm)	APPROX. MASS. Kg	
								Ratio 05	Ratio 13-20
B	1.05	2.99	226	186	134	30	40	15	16
C	1.70	4.41	270	218	142	40	50	21	22
D	2.84	7.26	328	258	152	50	55	30	32
E	4.36	10.80	377	278	170	55	65	41	46
F	6.85	15.50	414	317	189	65	75	53	58
G	10.80	26.60	468	365	212	75	85	82	92

\*BUSHES ARE AVAILABLE TO SUIT VARIOUS METRIC AND IMPERIAL SHAFTS



### Fenner (India) Limited

(An Associate Company of the JK Organisation)



Khivraj Complex, 480, Anna Salai, Nandanam  
Chennai 600 035, India.

Phone 91-44-4312450-58

Fax : 91-44-4349016, 4320193.

Email : fenncorp@vsnl.com

www.fennerindia.com