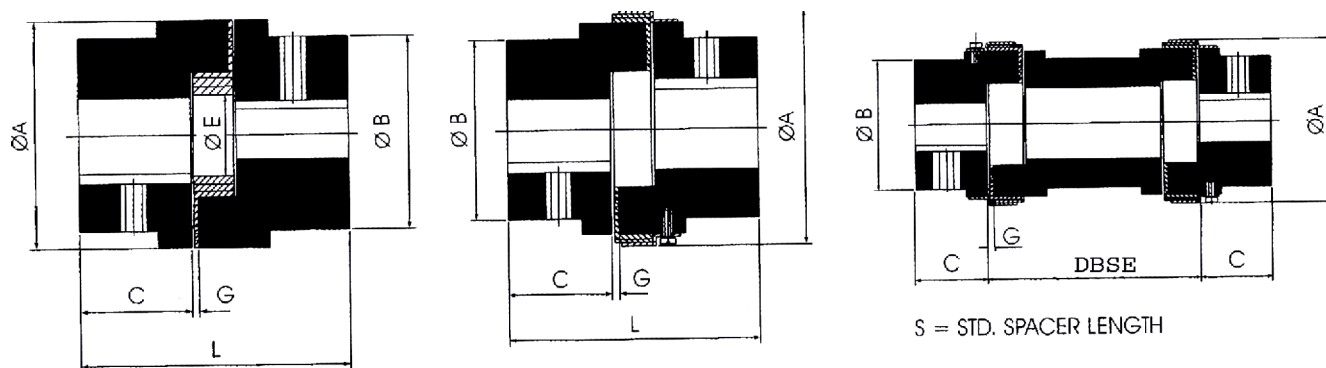


BOSOFLEX JAW COUPLINGS

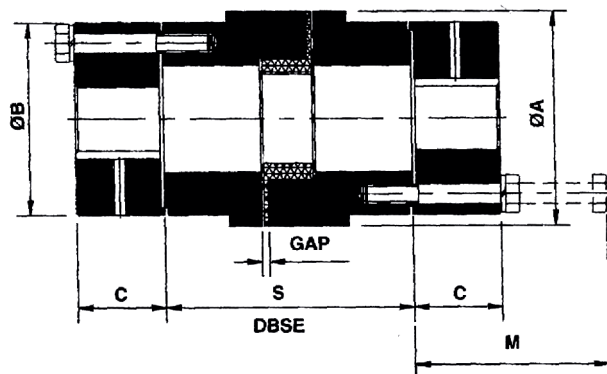


Dimensional Data

Coupling Type	Size	Rated Torque Nm	KW Capacity			Pilot Drill Size	Max. Bore	ø A		Length thru Bore "C"	øB	Gap G	øE	DBSE STD	Overall Length "L" for BSW/BS
			100 rpm	1500 rpm	3000 rpm			BS/BSWS	BS						
BS	035	0.38	0.004	0.06	0.12	-	10	-	16	6.5	16	1	-	-	21
	050	2.80	0.03	0.45	0.90	5	16	-	27	15	27	1	-	-	42
	070	4.90	0.05	0.75	1.50	9	20	-	34.5	19	34.5	2	-	-	51
	075	9.80	0.10	1.50	3.00	9	22	-	44.5	21	44.5	2	-	-	55
	075	9.80	0.10	1.50	3.00	-	22	-	44.5	21	39	2	-	-	55
BSW BSWS	095	21.1	0.22	3.30	6.60	-	28	65	54	25	49	2	19	90,100,140	63
	099	35.1	0.37	5.55	11.10	-	30	78	65	27	51	2	27	-	72
	100	46.4	0.49	7.35	14.70	-	35	78	65	35	57	2	27	90,100,140	88
	110	89.0	0.93	13.95	27.90	-	42	96	85	43	76	3	35	90, 100, 140, 180,	108
	150	141	1.49	22.35	44.70	-	48	111	96	45	80	3	35		115
	190	190	2.01	30.15	60.30	-	60	129	115	54	102	3	45		133
	225	265	2.76	41.40	82.80	-	65	142	127	64	111	3	45		153
226	327	3.43	51.45	102.90	25	70	153	137	70	119	3	51	178		
BSW BSWS	276	532	5.60	84.00	168.00	25	75	173	157	80	127	3	60	-	200
	280	782	8.20	123.00	246.00	30	80	208	192	80	140	3	70	-	200
	295	1279	13.4	201.00	-	30	95	253	237	95	162	3	80	-	238
	2955	2132	22.4	336.00	-	30	105	253	237	108	180	3	80	-	264
BSW	300	3047	31.9	478.50	-	30	105	272	-	115	180	3	-	-	283
	350	4308	45.0	675.00	-	30	115	332	-	128	200	3	-	-	309

All dimensions are in mm.
For BSWS/BSW maintaining gap 'G' at the time of assembly.
Maximum bores can be increased in case of steel hobs. Consult BOSON.
Material Cost iron for sizes 035 to 075

Aluminum for sizes 050 to 110 & for all # for BSWS,
BSWS spacers Cast Iron for sizes 095 to 350.
075- Aluminium
075- Cast Iron



Special Feature:

Provides quick and easy disconnection from the driving unit without disturbing the drive shaft or piping, permits removal of the equipment from the line in three simple steps. Only two sets of bolts need to be removed.

Dimensional Data

Size	Rated Torque Nm	KW at 100 rpm	DBSE 'S'		Min Bore	Max Bore	Outside Dia. A	Adapter Hub Dia B	Length thru' Bore C	
			Min	Std					Std.	Std.
BSS-095	21.1	0.22	75	90,100,140	10	28	54	54	25	45
BSS-100	46.0	0.49	75		10	38	65	65	30	50
BSS-110	89.0	0.93	75	90,100,140,180	15	42	85	76	35	60
BSS-150	141.0	1.49	75		15	48	96	90	40	70
BSS-190	190.0	2.01	75		15	55	115	102	45	75
BSS-225	265.0	2.76	75		15	65	127	115	50	90

Loosening & Tightening of bolts is possible with-in dimension 'M'.

Aap of 2mm for BSS-095, BSS-100 & 3mm for all other sizes should be maintained at the time of assembly.

Non-standard (NSTD) DBSE is available on request.

Boson jaw flex couplings are also available in many other designs such as Direct fly wheel mounting with integral Brake Drums/V-Pulley's/Sheer pins etc. Details and enquiry can be made in view of our constant endeavour to improve the quality of our products. We reserve the rights to alter or change the specifications without prior notice.

BOSON ENGINEERING PVT LTD.

BRITISH TECHNOLOGY AT ITS BEST

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