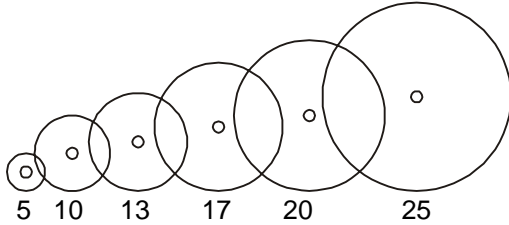


Joint Discs & Connectors

Joint discs (combined with cotter/T- pins or screws & locknuts) enable your bear's head and limbs to move. They come in a variety of sizes and your selection will be determined by the size of your pattern. Always check joint disc size against pattern pieces for correct sizing!

★ Fibre Joint Disc Sets		★ To fit bears approx. 7cm – 20cm				
★ Teddytech's die-cut fibre joint discs are made with 1.5mm or 3mm or 4mm inner diameter (ID) holes to accommodate either cotter pins, T-pins (for the 1.5mm ID discs) or screw- locknut-washer-sets (for the 3mm & 4mm ID discs).	Code	Outer D.meter	Inner D.meter	Price/ single set★	Price/ 100 discs	Price/ 200 discs
	JMP05	5mm	1.5mm	R4.50	R14	R22
	JMP10	10mm	1.5mm	R5	R17	R27
	JMP13	13mm	1.5mm	R5.50	R23	R37
	JMP17	17mm	1.5mm & 3mm	R6	R28	R45
	JMP20	20mm	1.5mm & 3mm & 4mm	R6.50	R34	R55
	JMP25	25mm	1.5mm & 3mm & 4mm	R7	R40	R64
Please indicate preference when ordering. <ul style="list-style-type: none"> ★ A single set consists of 10 discs & 5 cotter pins. ★ The 17mm, 20mm and 25mm single sets have an optional hardware combination for the larger ID fibre discs and consists of: 10 fibre discs, 10 washers, 4 x 3mm or 4mm screws, 4 x 3mm or 4mm locknuts and cotter pin @ R2.00 extra. ★ No hardware included in 100 and 200 quantity fibre discs packs. 						



5 10 13 17 20 25
 ★ Remember to quote both the inner and outer diameter size when ordering discs that have several different ID mm size options, ie. 17,20 & 25

★ Pressed Board Joint Discs (Excl. Hardware) All ID's 4mm			
Code	Size in mm	Price 10 (1 set)	Price 100 (10 sets)
JTL25	25mm	R2.50	R20
JTL30	30	R3	R24
JTL35	35	R3.50	R28
JTL40	40	R4	R32
JTL45	45	R4.50	R36
JTL50	50	R5	R40
JTL55	55	R5.50	R44
JTL60	60	R6	R48
JTL65	65	R6.50	R52
JTL70	75	R9	R72
JTL85	85	R10.50	R84
JTL100	100	R12	R96
JTL110	110	R15	R127

Cap Screws
 (different from the slot-head screws). Use an allen key in the cap of the screw instead of a screwdriver
 Code: HC
 Sizes: 4x12mm, 4x16mm and 4x20mm
 1 Set of 4 cap screws, 4 locknuts, 1 cotter pin and 10 washers:
R5.00
Allen key, with T-shape handle for ease of use. Excellent quality. **R45**
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★ Hardware				
Code	Screws	Each	Singles	Bulk Qty
			Per 40	Per 80
HS312	3 x 12mm	20c	R6	R10
HS412	4 x 12mm	20c	R6	R10
HS416	4 x 16mm	25c	R7.50	R12
HS420	4 x 20mm	25c	R7.50	R12
HS425	4 x 25mm	25c	R7.50	R12
HS430	4 x 30mm	30c	R9	R14
HC412	4 x 12mm	90c	R30	R48
HC416	4 x 16mm	90c	R30	R48
HC420	4 x 20mm	90c	R30	R48
Code	Locknuts	Each	Per 40	Per 80
HL3	3mm	15c	R4.50	R7.50
HL4	4mm	15c	R4.50	R7.50
Code	Washers	Each	Per 100	Per 200
HW3	3mm	8c	R6.50	R11
HW4	4mm	10c	R8	R14
HW12	12mm	20c	16	R26

★ Cotter Pins				
Code	Type	Size	Each	Pr 100
CPT16	T-shaped	1.6 x 16mm	0.45	R36
CPT20	T-shaped	1.6 x 20mm	0.45	R36
CPT28	T-shaped	2.5 x 28mm	0.55	R47
CPT32	T-shaped	3.2 x 32mm	0.65	R55
CPT40	T-shaped	4.0 x 40mm	0.85	R66
CP12	Regular shaped	1.6 x 12mm	0.20	R16
CP16	Regular shaped	1.6 x 16mm	0.20	R16
CP20	Regular shaped	1,6 x 20mm	0.30	R24
CP25	Regular shaped	2,5 x 20mm	0.30	R24
CP32	Regular shaped	3,2 x 32mm	0.50	R40
CP50	Regular shaped	3,2 x 50mm	0.55	R44

★ Different options for connecting discs ...

- ★ We use cotter pins or T-pins to connect neck disc to body You can also use them for connecting the limbs instead of screws and locknuts.
- ★ Cotter and T-pins are easy to turn with long-nosed pliers or cotter pin turners (See 'Accessories'). Ensure they are secured tightly to prevent loose limbs! T- pins can be used without washers

04/04 E.O.E.

★ **Prepacked Hardware Sets**
 for your convenience
 1 Set (for one bear):
 4 screws, 4 locknuts, 1 cotterpin, 10 washers

Only R3.60 per set
 Please state: Screw & locknut diameter size: 3mm or 4mm
 Screw length: 12mm,16mm, 20mm 25mm etc

NOTE:
 No discount on pre-packed hardware sets.
 Discount applies to bulk quantities – an advantage if you make your own kits or create bears for resale! See above.

Tip Use a spanner (or long-nosed pliers) to secure the locknut as you tighten the locknut onto the screw with a screwdriver. Turn the screwdriver clockwise until the screw protrudes from the locknut. Grip the body part and the limb and twist to ensure that the connection is very tight as it will loosen once filled.

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