


BEAVER RATCHET ASSEMBLIES

Ratchet Assembly Guidelines

- Ratchet with hook and keeper must be fitted correctly, refer to the markings showing the lashing capacity
 - The Beaver ratchet has a double pawl and locking action safety system that prevents it accidentally slipping off the load
 - All Beaver webbing is treated with polyurethane, so as to resist grit penetration
 - All Beaver Truckers ratchet assemblies are provided with 2 protective sleeves
- 
- Reinforced eyes are provided with Beaver hook and keeper to add life to the unit
 - Safety and ID labels are sewn into the webbing for traceability with lashing capacity and date of manufacture shown to aid the driver in planning their WH&S risk



Not all Ratchet Tie-down (RTD) Assemblies are the Same!

Beaver Truckers' Ratchet Tie-down (RTD) Assemblies, ranging from 25mm to 100mm, have been developed with the following principles:

Safety

All Ratchet assemblies comply to Australian Cargo Restraint System Standards AS/NZS 4380.

Quality

RTD Straps are 100% polyester which is heat set, stretched and polyurethane (p.u.) impregnated, resulting in low strain, long life, wear resistance, and durability demanded in flatbed tie-down requirements.

Traceability

All RTD straps come complete with blue polyester safety labels, identifying the manufacturer / supplier, the material the straps are made from, the standard, the date of manufacture and the length. Also included is the serial number together with the date of manufacture which is stitched into the webbing for traceability, in the event the label is dislodged.

Testing

All RTD Assemblies are subject to testing criteria of our manufacturing process. In order to verify their lashing capacities after manufacture/assembly these are traced back to their batch serial numbers that appear on the blue polyester safety labels. This enables the products to be identified by our manufacturing procedure that is verified by further break tests in our NATA laboratories.

User friendly visual features

Consist of being able to recognise, at a glance the lashing capacity, which is stencilled on to the webbing and also the two (2) protective sleeves.

Flexibility

All RTD straps come complete with standard hook & keepers, clearly marked with lashing capacity and ID marks. Longer lengths of webbing, different webbing widths, together with an abundance of various end fittings are available on request and are made to order.

Back-up service

Beaver's nation-wide distribution branches, that are NATA accredited, can offer after-sales service in the form of inspection and testing of Ratchet assemblies & RTD straps by competent personnel.

BEAVER RATCHET ASSEMBLIES

Beaver 25mm Cam Buckle Assembly

c/w Black vinyl "S" Hooks at each end. Complies to AS/NZS 4380

Code	Description	Hook Type	Width mm	Length m	L.C (Kg)	Weight (Kg)	UOM
MBT020	25mm x 2m Motor Bike Tie Down (1 pair)	S	25	2	250	0.8	Each



Beaver 25mm Multi Purpose Ratchet Tie Down Assembly

Complies to AS/NZS 4380

Code	Description	Hook Type	Width mm	Length m	L.C (Kg)	Weight (Kg)	UOM
RTD025SD04E	25mm x 4m endless S/Duty	n/a endless	25	4	900	0.6	Each
349025RB	25mm x 5m rubber grip handle c/w hook & keeper	Hook & Keeper	25	5	500	0.8	Each
349025RSB	25mm x 4m rubber grip handle c/w black vinyl "S" hooks	S	25	4	450	0.75	Each



Beaver 35mm Multi Purpose Ratchet Tie Down Assembly

Complies to AS/NZS 4380

Code	Description	Hook Type	Width mm	Length m	L.C (Kg)	Weight (Kg)	UOM
RTD035SD06T	35mm x 6m Boat tie down assy. S/Duty	J & S	35	6	500	1.5	Each
RTD035HD06H	35mm x 6m c/w hook & keeper	Hook & Keeper	35	6	1250	1.5	Each
349035RB	35mm x 6m rubber grip handle c/w hook & keeper	Hook & Keeper	35	6	1500	1.6	Each
349035RSB	35mm x 6m rubber grip handle c/w black vinyl "S" hooks	S	35	6	1000	1.5	Each



WARNING

- Winches shall not be loaded in excess of lashing capacity.
- A minimum of two layers of polyester webbing must be wound around the winch drum when tensioning.

CARGO WINCHES ARE NOT APPROVED FOR LIFTING

Beaver 50mm Multi Purpose Ratchet Tie Down Assembly

Complies to AS/NZS 4380



Code	Description	Hook Type	Width mm	Length m	L.C (Kg)	Weight (Kg)	UOM
RTD050LD06H	50mm x 6m c/w hook & keeper L/Duty	Hook & Keeper	50	6	1000	1.6	Each
RTD050LD06S	50mm x 6m c/w "S" hooks L/Duty	S	50	6	500	1.5	Each
RTD055PL-4	50mm x 4m c/w hook & keeper	Hook & Keeper	50	4	2500	1.2	Each
RTD050HD08J	50mm x 8m H/D Ratchet Assy. f/w J Hook	J Hook	50	8	2500	2.8	Each
RTD055PL	50mm x 9m c/w hook & keeper	Hook & Keeper	50	9	2500	3.1	Each
RTD055PL-12	50mm x 12m c/w hook & keeper	Hook & Keeper	50	12	2500	3.4	Each

Beaver 50mm Heavy Duty Ratchet Tie Down Assembly

Rubber Grip Handle Complies to AS/NZS 4380



Code	Description	Hook Type	Width mm	Length m	L.C (Kg)	Weight (Kg)	UOM
349053	50mm x 9m c/w hook & keeper	Hook & Keeper	50	9	3000	3.5	Each
349053-12	50mm x 12m c/w hook & keeper	Hook & Keeper	50	12	3000	4.2	Each

Beaver 75mm Heavy Duty Ratchet Tie Down Assembly

Complies to AS/NZS 4380



Code	Description	Hook Type	Width mm	Length m	L.C (Kg)	Weight (Kg)	UOM
349075	75mm x 9m c/w hook & keeper H/Duty	Hook & Keeper	75	9	5000	7.5	Each
349075-12	75mm x 12m c/w hook & keeper H/Duty	Hook & Keeper	75	12	5000	8.2	Each
RTD075HD09E	75mm x 9m Endless	n/a Endless	75	9	5000	7.5	Each
RTD075HD10E	75mm x 10m Endless	n/a Endless	75	10	10000	8.0	Each

WARNING

- Winches shall not be loaded in excess of lashing capacity.
- A minimum of two layers of polyester webbing must be wound around the winch drum when tensioning.

CARGO WINCHES ARE NOT APPROVED FOR LIFTING

BEAVER POLYESTER REPLACEMENT STRAPS

Beaver Cargo Winch Polyester Replacement Straps

c/w 2 x wear sleeves & Hook & keeper (unless otherwise stated) Complies to AS/NZS 4380

Code	Description	Lashing Capacity (Kg)	Hook Type	Width mm	Length Mtr	Weight (Kg)	UOM
342305WF	50mm x 5m Gate Winch Replacement Strap c/w Double "J" Hook	2000kg	J Hook	50	5	0.76	Each
342313	50mm x 9m Winch Replacement Strap	3000kg	Hook & Keeper	50	9	2	Each
342313-12	50mm x 12m Winch Replacement Strap	3000kg	Hook & Keeper	50	12	2.5	Each
CWS075SD09H	75mm x 9m Strap c/w hook & Keeper S/Duty	3500kg	Hook & Keeper	75	9	3	Each



Beaver Ratchet Tie-down (RTD) Polyester Replacement Straps

c/w 2 x wear sleeves & Hook & keeper (unless otherwise stated)

Complies to AS/NZS 4380

Code	Description	Lashing Capacity (Kg)	Hook Type	Width mm	Length Mtr	Weight (Kg)	UOM
349303R	50mm x 9m RTD Replacement Strap	3000kg	Hook & Keeper	50	9	2	Each
349303R - 12	50mm x 12m RTD Replacement Strap	3000kg	Hook & Keeper	50	12	2.5	Each
349305R	75mm x 9m RTD Replacement Strap	5000kg	Hook & Keeper	75	9	3	Each
349305R-12	75mm x 12m RTD Replacement Strap	5000kg	Hook & Keeper	75	12	3.5	Each

