



DEDICATED TO SAFE MATERIALS HANDLING

Available at
BUNNINGS
warehouse

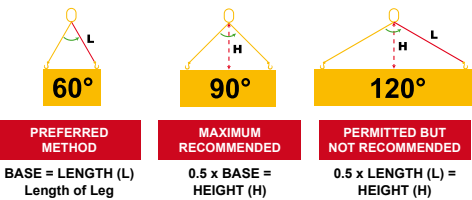
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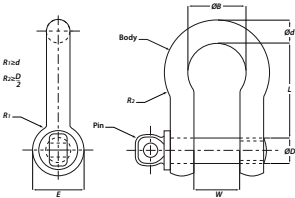
Equipment Safety Load Limits

LIFTING FOR SAFETY



Do not use slings at angles greater than 120° as the horizontal forces place too much load on the sling legs
* Maximum 60° angle for reeved and basket slings

SHACKLES



Nominal size mm	Dimension, mm (Tolerance +8%, -5%)						WLL t	Test Force, kN	
	d	D	W	B	L	E		Destructive test	Proof test
5	5	6	10	15	22	14	0.33	19.5	6.5
6	6	8	12	20	29	17	0.50	29.5	9.9
8	8	10	13	21	31	21	0.75	44.2	14.8
10	10	11	17	26	37	25	1.0	58.9	19.7
11	11	13	18	29	43	27	1.5	88.3	29.5
13	13	16	21	33	48	33	2.0	118	39.3
16	16	19	27	43	61	40	3.2	189	62.8
19	19	22	32	51	72	48	4.7	277	92.3
22	22	25	37	58	84	54	6.5	383	128
25	25	29	43	68	95	60	8.5	501	167

Shackles are manufactured in accordance with AS 2741

ROUND SLINGS

Marked WLL in basic configuration	Working load limits under general conditions of use tonnes							
	Straight lift	Choked straight lift	Parallel basket	Basket hitch or 2, 3 & 4-leg slings			Choke hitch or 2, 3 & 4-leg slings	
				a = 60°	a = 90°	a = 120°	Single wrap a = max 45°	Double wrap a = max 60°
Loading Factors	1	0.8	2	1.73	1.41	1	1.38	1.38
Violet	1	0.8	2	1.7	1.4	1	1.3	1.3
Green	2	1.6	4	3.4	2.8	2	2.76	2.76
Yellow	3	2.4	6	5.1	4.2	3	4.14	4.14
Grey	4	3.2	8	6.9	5.6	4	5.52	5.52
Red	5	4.0	10	8.6	7.0	5	6.9	6.9

Round Slings are manufactured in accordance with AS 4497

Chain Blocks



LG-CB-103T

Load Capacity: 1 Tonne

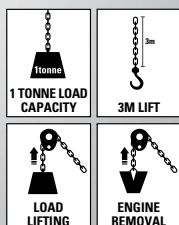
Lift Height: 3 Metres

Item No: 0019581

Features and Benefits

3m lift height for increased flexibility in lifting operations.

Complies with AS 1418.2



GOR-CB-053

Load Capacity: 500kg

Lift Height: 3 Metres

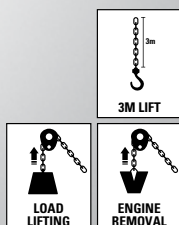
Item No: 4211272

Features and Benefits

3m lift height for increased flexibility in lifting operations

Robust steel construction with durable stainless steel compliance labels

Complies with AS 1418.2



Lever Blocks



GOR-LB-0215

Load Capacity: 250kg

Lift Height: 1.5 Metres

Item No: 4211325

GOR-LB-0515

Load Capacity: 750kg

Lift Height: 1.5 Metres

Item No: 4211278

GOR-LB-1015

Load Capacity: 1 Tonne

Lift Height: 1.5 Metres

Item No: 4211279

GOR-LB-2015

Load Capacity: 2 Tonne

Lift Height: 1.5 Metres

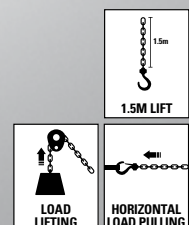
Item No: 4211280

Features and Benefits

1.5m vertical lift or horizontal pull

Ratcheting lever handle improves control during lifting and lowering of loads

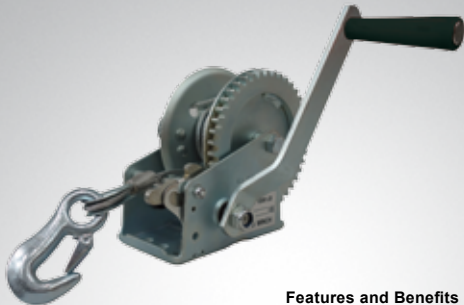
Complies with AS 1418.2



Winches

HAND WINCH GOR-HW-506

Pull Capacity: 500kg
Item No: 4211271



Features and Benefits

Compact and lightweight construction
Includes 6m wire rope and hook



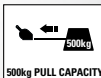
TRAILER



6m WIRE ROPE &
HOOK INCLUDED



BOAT TRAILER



500kg PULL CAPACITY

LOAD BRAKE WINCH GOR-LBW-500

Lift Capacity: 270kg
Pull Capacity: 500kg
Gear ratio: 4.2:1
Item No: 4211270

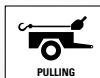


Features and Benefits

Automatic brake
Holds the load in any position
Rope and hook not included
Complies with AS 1418.2



LIFTING



PULLING



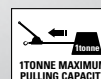
270kg LIFT CAPACITY

HAND PULLER WINCH GOR-HP-112

Pull Capacity: 1 Tonne
Item No: 4211419

Features and Benefits

1.8m wire rope length
360° rotatable hanging hook
Not to be used for lifting



1TONNE MAXIMUM
PULLING CAPACITY



360° ROTATABLE
HANGING HOOK



1.8m WIRE ROPE
LENGTH

Round Slings

1 Tonne (Violet)
GOR-RS-101
 (WLL): 1 Tonne
 Length: 1 Metre
 Item No: 4211246

GOR-RS-201
 (WLL): 1 Tonne
 Length: 2 Metre
 Item No: 4211247

GOR-RS-301
 (WLL): 1 Tonne
 Length: 3 Metre
 Item No: 4211248



2 Tonne (Green)
GOR-RS-102
 (WLL): 2 Tonne
 Length: 1 Metre
 Item No: 4211249

GOR-RS-202
 (WLL): 2 Tonne
 Length: 2 Metre
 Item No: 4211252

GOR-RS-302
 (WLL): 2 Tonne
 Length: 3 Metre
 Item No: 4211253



3 Tonne (Yellow)
GOR-RS-103
 (WLL): 3 Tonne
 Length: 1 Metre
 Item No: 4211254

GOR-RS-203
 (WLL): 3 Tonne
 Length: 2 Metre
 Item No: 4211250

GOR-RS-303
 (WLL): 3 Tonne
 Length: 3 Metre
 Item No: 4211255



4 Tonne (Grey)
GOR-RS-104
 (WLL): 4 Tonne
 Length: 1 Metre
 Item No: 4211256

GOR-RS-204
 (WLL): 4 Tonne
 Length: 2 Metre
 Item No: 4211257

GOR-RS-304
 (WLL): 4 Tonne
 Length: 3 Metre
 Item No: 4211258



5 Tonne (Red)
GOR-RS-105
 (WLL): 5 Tonne
 Length: 1 Metre
 Item No: 4211259

GOR-RS-205
 (WLL): 5 Tonne
 Length: 2 Metre
 Item No: 4211260

GOR-RS-305
 (WLL): 5 Tonne
 Length: 3 Metre
 Item No: 4211261



Marked WLL in basic configuration	Working load limits under general conditions of use						tonnes	
	Straight lift	Choked straight lift	Parallel basket	Basket hitch or 2, 3 & 4-leg slings			Choke hitch or 2, 3 & 4-leg slings	
				a = 60°	a = 90°	a = 120°	Single wrap a = max 45°	Double wrap a = max 60°
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Yellow	3	2.4	6	5.1	4.2	3	4.14	4.14
Grey	4	3.2	8	6.9	5.6	4	5.52	5.52
Red	5	4.0	10	8.6	7.0	5	6.9	6.9

Round Slings are manufactured in accordance with AS 4497

Grade 'S' Bow Shackles

GOR-SH-S05
Size: 5mm (3/16")
WLL: 0.33 Tonne
Item No: 4220584

GOR-SH-S06
Size: 6mm (1/4")
WLL: 0.5 Tonne
Item No: 4220585

GOR-SH-S08
Size: 8mm (5/16")
WLL: 0.75 Tonne
Item No: 4220586

GOR-SH-S10
Size: 10mm (3/8")
WLL: 1 Tonne
Item No: 4220590

GOR-SH-S11
SIZE: 11mm (7/16")
WLL: 1.5 Tonne
Item No: 4220587

GOR-SH-S13
Size: 13mm (1/2")
WLL: 2 Tonne
Item No: 4220588

GOR-SH-S16
Size: 16mm (5/8")
WLL: 3.25 Tonne
Item No: 4220589

GOR-SH-S19
Size: 19mm (3/4")
WLL: 4.75 Tonne
Item No: 4220592

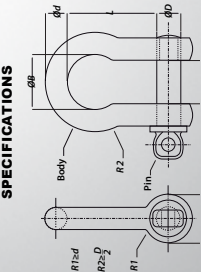
GOR-SH-S22
Size: 22mm (7/8")
WLL: 6.5 Tonne
Item No: 4220593

GOR-SH-S25
Size: 25mm (1")
WLL: 8.5 Tonne
Item No: 4220594

Features and Benefits
Screw pin bow shackle
Suitable for lifting and
towing applications
Every shackle stamped
with working load limit
and batch number



Product code	Nominal size mm	Dimension, mm (Tolerance +8%, -5%)						WLL t	Test Force, kN	
		d	D	W	B	L	E		Destructive test	Proof test
GOR-SH-S05	5	5	6	10	15	22	14	0.33	19.5	6.5
GOR-SH-S06	6	6	8	12	20	29	17	0.50	29.5	9.9
GOR-SH-S08	8	8	10	13	21	31	21	0.75	44.2	14.8
GOR-SH-S10	10	10	11	17	26	37	25	1.0	58.9	19.7
GOR-SH-S11	11	11	13	18	29	43	27	1.5	88.3	29.5
GOR-SH-S13	13	13	16	21	33	48	33	2.0	118	39.3
GOR-SH-S16	16	16	19	27	43	61	40	3.2	189	62.8
GOR-SH-S19	19	19	22	32	51	72	48	4.7	277	92.3
GOR-SH-S22	22	22	25	37	58	84	54	6.5	383	128
GOR-SH-S25	25	25	29	43	68	95	60	8.5	501	167



Load Restraints



CHAIN
GOR-LR-CH68
Lashing Capacity: 3800kg
Length: 6 Metre
8mm Chain
Item No: 4211266

GOR-LR-CH98
Lashing Capacity: 3800kg
Length: 9 Metre
8mm Chain
Item No: 4211267

Features and Benefits
8mm, Grade 70 chain
3800kg lashing capacity
Individually proof load tested
Forged alloy grab hooks
Complies with AS/NZS 4344





LOAD BINDER
GOR-LR-LB810
WLL: 3800kg
Item No: 4211268

Features and Benefits
3800kg lashing capacity
8mm grab hooks
360° rotating hooks
Steel alloy construction
Complies with AS/NZS 4344



Chain and component capacity chart			tonnes
Normal chain size mm	Minimum breaking strength kN	Lashing capacity (LC) kg	
8	73.6	3800	

Clamps and Lifting Bags



GIRDER CLAMP
GOR-GC-2000
Max Capacity: 2 Tonne
Item no: 4211407

Features and Benefits
Stainless steel I.D. plates
Individually load tested
Complies with AS 4991





GOR-BLB-1000
SWL: 1000kg
Item No: 4211318

Features and Benefits
Size: 90x90x90cm
Single trip use
4 lifting loops
Polypropylene fabric
UV rated
27cm loop length
Complies with AS 3668



Appendices

WEIGHTS OF MATERIALS Approximate Metric Densities

Material	by unit	t/m³
Aluminium		2.7
Ballast, blue metal		1.9
Blocks, hollow concrete 100mm	1.6kg/m²/mm thick	1.6
Blocks, hollow concrete 200mm	1.2kg/m²/mm thick	1.2
Blocks, terracotta 100mm	1.0kg/m²/mm thick	1.0
Bricks, Clay, Common	2.5t/1000	1.6
Caneite	0.4kg/m²/mm thick	0.4
Cast Iron		7.2
Cement	20 bags/t	1.5
Concrete – wet or set		2.4
Distillate	0.8kg/litre	0.8
Drum – 200 litre empty	18kg	
Drum – 200 litre of petrol	168kg	
Earth, loose		1.8
Fibrous plaster	1.0kg/m²/mm thick	1.0
Glass	2.6kg/m²/mm thick	2.6
Gypsum plaster sheet	1.8kg/m²/mm thick	1.8
Hardwood	1.0kg/m²/mm thick	1.0
Hardwood (average)		1.0
Lead		11.3
Limestone – broken		2.1
Paint (average)	2.1kg/litre	2.1
Paint – red or white lead	3.1kg/litre	3.1
Pallet (hardwood)	40kg	
Petrol	0.7kg/litre	0.7
Road, metal or aggregate		1.9
Sand (dry)		1.7
Sand (wet)		1.9
Softwood (average)		0.6
Tiles – cement	380kg/100	
Tiles – terracotta	350kg/100	
Water	1.0kg/litre	1.0

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METRIC CONVERSION TABLES

Length

Inches x 25.4 = Millimetres
Feet x 0.3048 = Metres
Yards x 0.9144 = Metres
Miles x 1.60936 = Yards
Millimetres x 0.03937 = Inches
Metres x 1.0936 = Yards
Kilometres x 0.6214 = Miles

Weight

Grains x 0.0648 = Grams
Ounces x 28.35 = Grams
Pounds x 0.4536 = Kilograms
Tons x 1016.05 = Kilograms
Grams x 15.432 = Grains
Grams x 0.0353 = Ounces
Kilograms x 2.2046 = Pounds
Kilograms x 0.00098 = Tons
1 Tonne (metric) = 1000Kg = 2205 lbs. = 0.9842 British Tons

DEFINITIONS:

Working Load Limit (WLL): The maximum load that can be applied.

Lashing Capacity (LC): One half of the minimum breaking strength of the system which is designed to sustain in straight pull expressed in kilograms (kg).

Proof Load: The load which the component, chain or assembly must be able to withstand while remaining serviceable.

Nominal Size: The nominal diameter in millimeters of the material used in the manufacture of the chain or nominal diameter of the shackle body.

Round Sling: An endless sling comprising a load-bearing core of high-tenacity continuous multi-filament yarn that is completely enclosed in a woven cover.

Shackle: an assembly for interconnecting components in a lifting system, consisting of a body and removable pin.



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