

## BEAVER **B-Alloy** Grade T(80) Chain Slings TO AS 3775.2

CHAIN DIA. mm	SINGLE LEG SLINGS			SLINGS OF 2, 3 OR 4 LEGS				ENDLESS SLINGS	
	STRAIGHT SLING	ADJUSTABLE SLING	REEVED SLING	STRAIGHT SLING			REEVED SLING	BASKET SLING	REEVED SLING
				60°	90°	120°	60°	60°	
<b>MAXIMUM WORKING LOAD LIMITS IN TONNES OF 1000KG</b>									
6	1.1	0.8	0.8	1.9	1.6	1.1	1.5	1.5	1.7
7	1.5	1.1	1.1	2.6	2.1	1.5	2.0	2.0	2.3
8	2.0	1.5	1.5	3.5	2.8	2.0	2.6	2.6	3.0
10	3.2	2.4	2.4	5.5	4.5	3.2	4.1	4.1	4.8
13	5.3	4.0	4.0	9.2	7.5	5.3	6.9	6.9	8.0
16	8.0	6.0	6.0	13.8	11.3	8.0	10.4	10.4	12.0
20	12.5	9.4	9.4	21.6	17.6	12.5	16.3	16.3	18.8
22	15.0	11.3	11.3	26.0	21.2	15.0	19.5	19.5	22.5
26	21.2	15.9	15.9	36.7	29.9	21.2	27.6	27.6	31.8
32	31.5	23.6	23.6	54.5	44.4	31.5	41.0	41.0	47.3

### BEAVER ALLOY GRADE T(80) CHAIN SLINGS Care and Usage Instructions

**BEAVER ALLOY GRADE T(80) CHAIN SLINGS SHOULD ONLY BE USED BY A COMPETENT PERSON**

Maximum Working Load Limit in Tonnes of 1000kg, under general conditions of use.

- DO NOT EXCEED WORKING LOAD LIMIT
- DO NOT EXCEED 120°
- WLL at 60° must never be exceeded, even at smaller angles.
- WLL at other angles - apply the next greater angle and relevant load factor.

Extreme care should be taken when using the Beaver Grade T(80) Chain Slings in high temperature environments. It is therefore our instruction that the user must always err on the side of caution and make ample provisions for reduced Working Load Limits.

The following are our instructions:

#### ACIDIC CONDITIONS

Beaver Alloy Grade T(80) slings shall not be used in acidic solutions or in any other corrosive environment.

#### TEMPERATURE CONDITIONS

-10°C up to 200°C No reduction in WLL  
200°C up to 300°C Reduce WLL by 10%  
300°C up to 400°C Reduce WLL by 25%  
**Do not use above 400°C**

#### GALVANISING

Beaver alloy chains and fittings should not be hot-dip galvanised or electro-plated, except by Beaver. Galvanised slings must always have the Working Load Limits reduced by 20%.

The WLL of a sling must not exceed the lowest working load limit of the components

## Grade 100 & Grade 120 Chain Slings

**GRADE 100** **GRADE 120**

CHAIN DIA. mm	SINGLE LEG SLINGS			SLINGS OF 2, 3 OR 4 LEGS				ENDLESS SLINGS	
	STRAIGHT SLING	ADJUSTABLE SLING*	REEVED SLING	STRAIGHT SLING			REEVED SLING	BASKET SLING	REEVED SLING
				60°	90°	120°	60°	60°	
<b>MAXIMUM WORKING LOAD LIMITS IN TONNES OF 1000KG</b>									
WIN 6	1.40	1.40	1.00	2.40	2.00	1.40	1.80	1.80	2.10
WIN 8	2.50	2.50	1.90	4.30	3.55	2.50	3.25	3.25	3.75
WINPRO 8	3.00	3.00	2.35	5.20	4.20	3.00	3.90	3.90	4.50
WIN 10	4.00	4.00	3.00	6.90	5.60	4.00	5.20	5.20	6.00
WINPRO 10	5.00	5.00	4.00	8.60	7.00	5.00	6.50	6.50	7.50
WIN 13	6.70	6.70	5.00	11.60	9.50	6.70	8.70	8.70	10.00
WINPRO 13	8.00	8.00	6.30	13.80	11.30	8.00	10.40	10.40	12.00
WIN 16	10.00	10.00	7.50	17.30	14.10	10.00	13.00	13.00	15.00
WIN 20	16.00	16.00	12.00	27.70	22.56	16.00	20.80	20.80	24.00
WIN 22	19.00	19.00	14.20	32.90	26.50	19.00	24.70	24.70	28.50
WIN 26	26.50	26.50	19.80	45.80	37.30	26.50	34.40	34.40	39.70
WIN 32	40.00	40.00	30.00	69.20	56.40	40.00	52.00	52.00	60.00

The load capacity listed are maximum values of various sling types, stated according to the standard (uniform load) method of rating similar to AS 3775.2

**GRADE 100 & 120 CHAIN SLINGS SHOULD ONLY BE USED BY A COMPETENT PERSON.**

Maximum Working Load Limit in Tonnes of 1000kg, under general conditions of use.

- DO NOT EXCEED WORKING LOAD LIMIT
- DO NOT EXCEED 120°
- WLL at other angles - apply the next greater angle and relevant load factor.

#### SAFETY WARNING OF HAZARDOUS CONDITIONS:

Extreme care should be taken when using the Beaver Grade 100 & 120 Chain and fittings in high temperature environments. It is therefore our instruction that the user must always err on the side of caution and NEVER EXCEED 200°C

\* If the grab hook comes with suitable wing, no reduction factor is required, otherwise WLL should be reduced by 25%