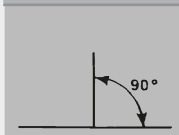
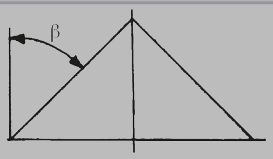
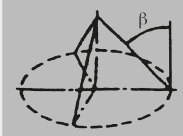
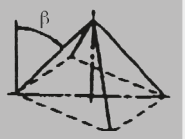
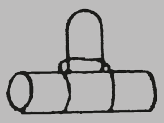
GRADE 80

MAXIMUM WORK LOADS IN TONNES

	"NEWS" SEE STAINLESS CHAIN SLINGS					
	1 LEG	2 LEGS		3 LEGS	4 LEGS	ENDLESS SLING IN HANGING
						
CHAIN Ø (MM.)	M.W.L	0° < ß ≤ 45° FACTOR 1,4	45° < ß ≤ 60° FACTOR 1,0	0° < ß ≤ 45° FACTOR 2,1	45° < ß ≤ 60° FACTOR 1,5	FACTOR 1,6
6	1,12	1,60	1,12	2,36	1,70	1,90
9	2,00	2,80	2,00	4,25	3,00	3,15
10	3,15	4,25	3,16	6,70	4,75	5,00
13	5,30	7,50	5,30	11,20	8,00	8,50
16	8,00	11,20	8,00	17,00	11,80	12,50
29	12,50	17,00	12,50	26,50	19,90	20,00
22	15,00	21,20	15,00	31,50	22,40	23,60
26	21,20	30,80	21,20	45,00	31,50	33,50
32	31,50	45,00	31,50	64	47	50,00
NOTE: SAFETY FACTOR 4:1. THE MAXIMUM CAPACITY OF WORKLOADS IS REFERRED TO THE NORMAL WORKING CONDITIONS AND WITH LOAD UNIFORMLY DISTRIBUTED ON EACH LEG.						



Recommendations for handling unbalanced loads

For chain slings with uneven loads maximum workload is recommended to be determined in the following way:

- 2 leg slings calculated as a 1-leg sling as to the M.W.L.
- 3 and 4 leg slings calculated as 2-leg slings as to the M.W.L.

Severe Conditions

The chain and its components should not be used in contact with acids.

Periodic reviews should be carried out when using slings under hard work, corrosion or may be some danger.

For any doubt contact your dealer.

Temperature influence

G.80 chain slings can be used in temperatures of -40 ° C without its features being changed.

For high temperatures the maximum workload should be reduced as follows:

SLING TEMPERATURE	REDUCTION IN THE M.W.L.
–40°C to 200°C	None
+200 C to 300°C	10%
+300°C to 400°C	25%

Chain Slings G-80 should not be used at higher temperatures or lower than those indicated.

GRADE 80
ONE LEG CHAIN SLINGS

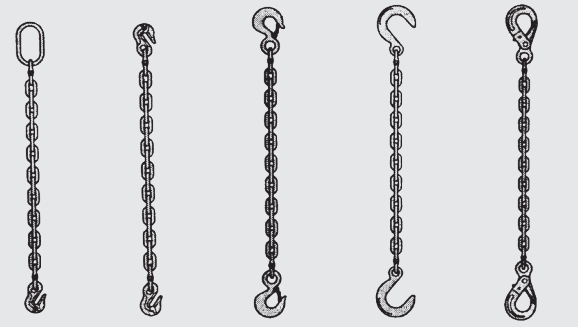




TYPE **SOS** | TYPE **SAS** | TYPE **SOF** | TYPE **SAF**



TYPE **SOL** | TYPE **SAL** | TYPE **CO** | TYPE **CAO**



TYPE **SOG** | TYPE **SGG** | TYPE **SSS** | TYPE **SFF** | TYPE **SLL**

GRADE 80
TWO LEG CHAIN SLINGS





TYPE **DOS** | TYPE **DAS** | TYPE **DOF**



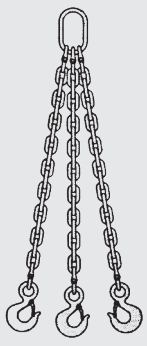
TYPE **DAF** | TYPE **DOL** | TYPE **DAL**



TYPE **DOO** | TYPE **DAO** | TYPE **DOG**

GRADE 80

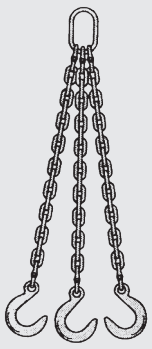
THREE LEG CHAIN SLINGS



TYPE **TOS**



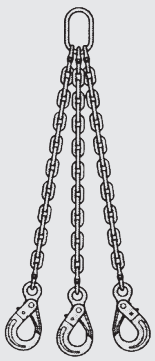
TYPE **TAS**



TYPE **TOF**



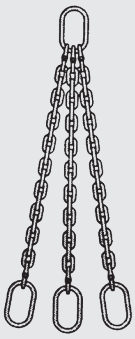
TYPE **TAF**



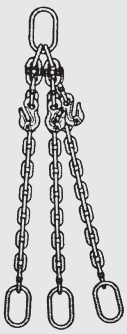
TYPE **TOL**



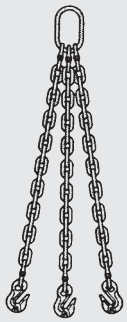
TYPE **TAL**



TYPE **TOO**



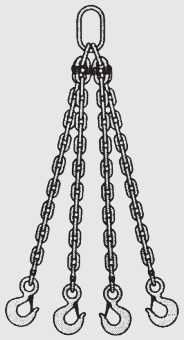
TYPE **TAO**



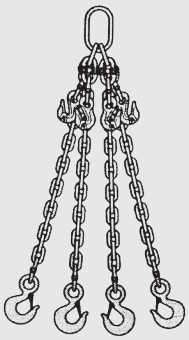
TYPE **TOG**

GRADE 80

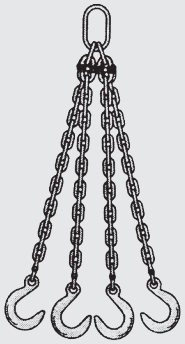
FOUR LEG CHAIN SLINGS



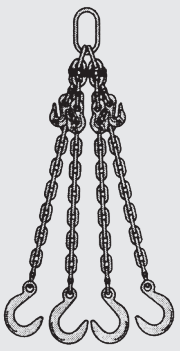
TYPE **QOS**



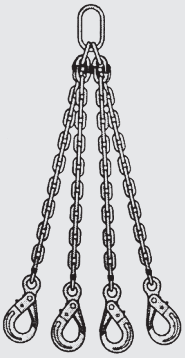
TYPE **QAS**



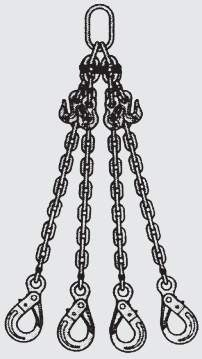
TYPE **QOF**



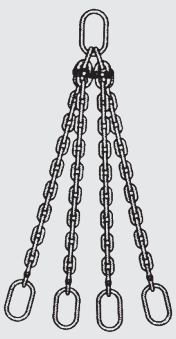
TYPE **QAF**



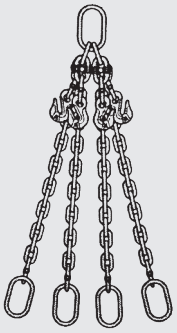
TYPE **QOL**



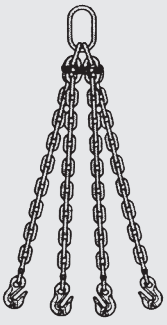
TYPE **QAL**



TYPE **QOO**



TYPE **QAO**



TYPE **QOG**

GRADE 80

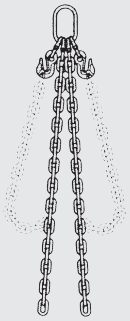
DIFFERENT CHAIN SLINGS



TYPE
GARZA RECOGIBLE



TYPE
SENCILLO DE CESTO



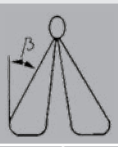
TYPE
DOBLE LAZO AJUSTABLE



TYPE
DOBLE CANASTA

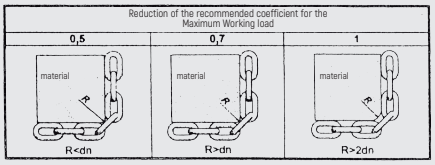
GRADE 80

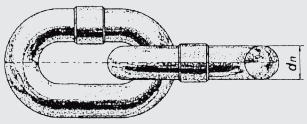
MAXIMUM WORK LOADS IN TONNES

					
CHAIN Ø (MM.)	W.M.L.	0° < ß≤ 45° FACTOR 1,1	45° < ß≤ 60° FACTOR 0,8	0° < ß≤ 45° FACTOR 1,7	45° < ß≤ 60° FACTOR 1,2
6	1,12	1,23	0,89	1,90	1,34
8	2,00	2,20	1,60	3,40	2,40
10	3,15	3,46	2,52	5,35	3,78
13	5,30	5,83	4,24	9,01	6,36
16	8,00	8,80	6,40	13,60	9,60
20	12,50	13,75	10,00	21,25	15,00
22	15,00	16,50	12,00	25,50	18,00
26	21,20	23,32	16,96	36,04	25,44
32	31,50	34,65	25,20	53,55	37,80

NOTE: SAFETY FACTOR 4:1. THE MAXIMUM CAPACITY OF WORKLOADS IS REFERRED TO THE NORMAL WORKING CONDITIONS AND WITH LOAD UNIFORMLY DISTRIBUTED ON EACH LEG.

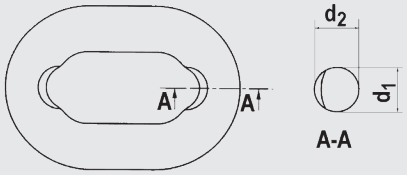
COEFFICIENT REDUCTION DUE TO SHARP EDGES





CHAIN REPLACEMENTS

$$\frac{d_1 + d_2}{2} > 0{,}9\, d_n$$



At least once a year and at regular intervals periodic inspection must be carried out under the application condition.

Wear caused by friction with other objects usually occurs on the outside of the straight portions of the links, where it is easily visible and measurable. Wear between adjacent links is hidden.

The chain should be loosened and turn the adjacent links, so both sides are visible inside the links. Wear between links is measured by taking the indicated diameter (d 1) and the diameter at 90 ° (d2), and it is accepted if the average of these diameters is not less than 90% of the nominal diameter (dn).