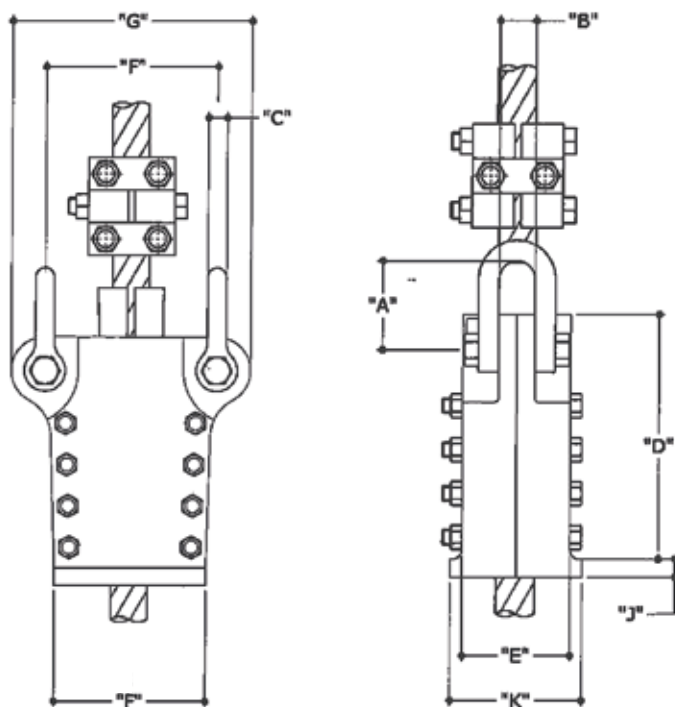


ROPE SUSPENSION - NU GLANDS

UNDERFRAME/OVER FRAME GLAND TYPE NU



The NU gland is used for suspending guide or rubbing ropes in mine shafts, the base being supported on girders in the headframe or tower. It is also used for rope anchorage and the suspension of ropes during installation or maintenance.

The gland cases are manufactured from 1.5% manganese steel to B.S. 2772, Part 2, 1989, 150 M19. The two bolt clamps and interlocking wedges in mild steel to B.S 970, Part 1, 1972 Grade 070M20 and the shackles and pins of high tensile steel to B.S. 3032:1958.

All glands are proof load tested to twice the safe working load.

BASIC DIMENSIONS - CASTED SIZES

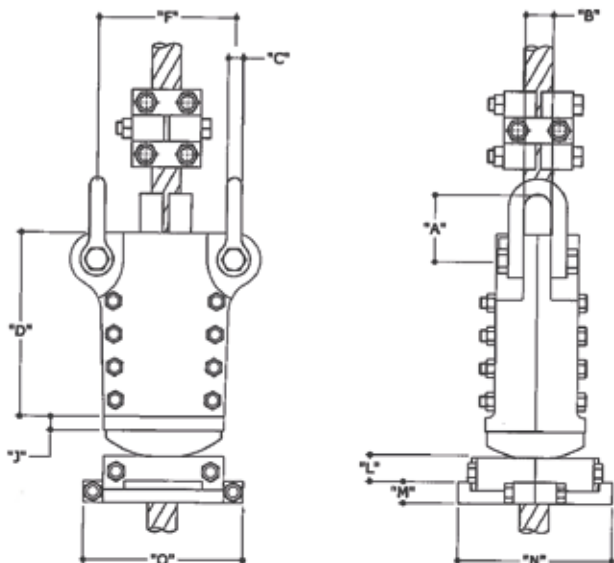
DESCRIPTION	DIMENSIONS (mm)									
	A	B	C	D	E	F	G	H	J	K
NU1	106	48	26	305	114	194	270	184	26	184
NU2	132	54	32	330	124	222	317	210	26	222
NU3	162	60	38	406	162	267	375	279	26	280
NU4	213	76	51	425	190	317	441	279	32	292
NU5	238	89	57	495	216	364	497	324	38	317
NU6	280	95	67	578	235	432	610	407	45	356
NU7	332	108	82	616	267	470	673	445	51	407

GENERAL DATA - CASTED SIZES

DESCRIPTION	MAXIMUM ROPE DIAMETERS	SAFE WORKING LOAD BASED ON FACTOR OF SAFETY 5:1		APPROXIMATE WEIGHT WHEN ASSEMBLED
	mm	Kg f	Ton f	kg
NU1	32	6096	6	59
NU2	41	10160	10	82
NU3	51	20320	20	144
NU4	60	30480	30	233
NU5	76	40640	40	313
NU6	83	40960	60	499
NU7	95	81280	80	746

ROPE SUSPENSION - SS GLANDS & WEDGES

SPHERICALLY SEATED SUSPENSION GLANDS - WEDGES TYPE SS/WF/NU



This gland has been developed from the "NU" type and has several features which make it particularly suited for the suspension of guide and rubbing ropes. The spherical seating enables the rope to be turned periodically to present fresh surfaces to the guide rope shoes and provides compensation adjustments for any uneven settlement of the headframe making vertical alignment of the rope in the gland easier.

All glands are proof load tested to twice the safe working load.

BASIC DIMENSIONS

DESCRIPTION	DIMENSIONS (mm)									
	A	B	C	D	F	J	L	M	N	O
SS/WF/NU8	106	48	26	305	194	26	70	26	330	305
SS/WF/NU9	132	54	32	330	222	26	81	26	330	305
SS/WF/NU10	162	60	38	406	267	26	105	32	406	356
SS/WF/NU11	213	76	51	425	317	32	105	32	406	356
SS/WF/NU12	238	89	57	495	364	38	117	38	457	406

GENERAL DATA

DESCRIPTION	MAXIMUM ROPE DIAMETERS	SAFE WORKING LOAD BASED ON FACTOR OF SAFETY 5:1		APPROXIMATE WEIGHT WHEN ASSEMBLED
	mm	Kg f	Ton f	kg
SS/WF/NU8	32	6096	6	91
SS/WF/NU9	41	10160	10	113
SS/WF/NU10	51	20320	20	218
SS/WF/NU11	60	30480	30	299
SS/WF/NU12	76	40640	40	408

Wedge type rope clamps are used for the lifting and maneuvering of wire ropes of every description and for their anchoring, suspension or tensioning. Embodying the wedge principle, no white metalling is necessary. They are readily assembled, their split construction enables them to be fitted on the rope at any given point. The types of glands available for differing duties together with dimension and other basic data relating to each type of gland are given in the data tables.

Each gland is of the same basic construction and adaptable for a number of uses. The two-bolt clamps which are fitted to the rope above the interlock wedges act as a "safety block" and will come into operation to assist the wedge action if and when necessary.

The glands are suitable for ropes of all types and constructions and a wide range of sizes are available.

Assembly instruction booklets relating to all glands are available on request.

