



# MULTI STRAND JACK

## Overview

Stressing with multi strand jacks means that all strands in a cable bundle can be stressed simultaneously. The advantage of this method is the fast and accurate stressing operation of the cables in one step.

Our multi-strand jacks come with a variety of options to suit your specific requirements. They have capacities of 110T to 1300T and strokes from 100mm to 300mm.

## Standard Features

- 690 bar operating pressure - high tonnage at low weight
- Pressure relief valve
- Hard chromed rod and inner
- Bronzed piston and gland
- Lifting bar
- Anti-rotation
- Feet

## Optional accessories

- Nose, internal strand guide, back block and shaker plate all custom drilled to your hole pattern
- Hydraulic nose
- Multi-strand reusable chrome plated wedges w/screws
- Nose extension/adaptor
- NATA Calibrated gauge

## Custom Multi Strand Jacks

Do you have a job that requires a specific capacity or stroke? Need a compact design to fit into a tight cavity?

McMillan Engineering Group can design and manufacture a multi strand jack to suit. This can be achieved by utilising our in house manufacturing equipment and 40 plus years of multi strand jack design and research.



## Ordering Information

IHS - CH - <input type="text"/> - <input type="text"/> - DA	
0110	100
0150	150
0200	200
0250	250
0300	300
0350	Stroke
0400	
0500	
0700	
1000	
1300	
Tonnage	

Note: See specification table for standard sizes.

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# MULTI STRAND JACK

## Specifications

Part No.	Tonnage (T)	Stroke (mm)	Ret. Length (mm)	Ext. Length (mm)	O.D. (mm)	Load Cap O.D. (mm)	C/ Hole Dia. (mm)	Eff. Area (cm <sup>2</sup> )	Oil to Extend (l)	Theoretical Tonnage @ 690 bar (T)	No. Strands		Weight (kg)
											0.5"	0.6"	
IHS-CH-0110-04-DA	110	100	260	360	235	138	80	158.82	1.6	111.7	7	5	71
IHS-CH-0110-06-DA		150	310	460					2.4				83
IHS-CH-0110-08-DA		200	360	560					3.2				95
IHS-CH-0110-10-DA		250	410	660					4.0				112
IHS-CH-0110-12-DA		300	460	760					4.8				124
IHS-CH-0150-04-DA	150	100	290	390	295	185	102	239.11	2.4	168.2	9	7	130
IHS-CH-0150-06-DA		150	340	490					3.6				149
IHS-CH-0150-08-DA		200	390	590					4.8				170
IHS-CH-0150-10-DA		250	440	690					6.0				189
IHS-CH-0150-12-DA		300	490	790					7.2				218
IHS-CH-0200-04-DA	200	100	300	400	322	216	110	304.02	3.0	213.9	12	9	158
IHS-CH-0200-06-DA		150	350	500					4.6				183
IHS-CH-0200-08-DA		200	400	600					6.1				210
IHS-CH-0200-10-DA		250	450	700					7.6				233
IHS-CH-0200-12-DA		300	500	800					9.1				260
IHS-CH-0250-04-DA	250	100	325	425	365	225	125	380.36	3.8	267.6	16	9	212
IHS-CH-0250-06-DA		150	375	525					5.7				241
IHS-CH-0250-08-DA		200	425	625					7.6				270
IHS-CH-0250-10-DA		250	475	725					9.5				299
IHS-CH-0250-12-DA		300	525	825					11.4				330
IHS-CH-0300-06-DA	300	150	420	570	404	275	160	465.58	7.0	327.6	19	12	318
IHS-CH-0300-08-DA		200	470	670					9.3				369
IHS-CH-0300-10-DA		250	520	770					11.6				405
IHS-CH-0300-12-DA		300	570	870					14.0				443
IHS-CH-0350-06-DA	350	150	425	575	455	315	175	519.34	7.8	365.4	19	12	423
IHS-CH-0350-08-DA		200	475	675					10.4				470
IHS-CH-0350-10-DA		250	525	775					13.0				521
IHS-CH-0350-12-DA		300	575	875					15.6				570
IHS-CH-0400-06-DA	400	150	430	580	457	315	185	602.40	9.0	423.9	27	19	404
IHS-CH-0400-08-DA		200	480	680					12.0				462
IHS-CH-0400-10-DA		250	530	780					15.1				501
IHS-CH-0400-12-DA		300	580	880					18.1				546

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# MULTI STRAND JACK

## Specifications Cont.

Part No.	Tonnage (T)	Stroke (mm)	Ret. Length (mm)	Ext. Length (mm)	O.D. (mm)	Load Cap O.D. (mm)	C/ Hole Dia. (mm)	Eff. Area (cm <sup>2</sup> )	Oil to Extend (l)	Theoretical Tonnage @ 690 bar (T)	No. Strands		Weight (kg)
											0.5"	0.6"	
IHS-CH-0500-06-DA	500	150	500	650	508	330	195	718.71	10.8	505.7	31	19	606
IHS-CH-0500-08-DA		200	550	750					14.4				665
IHS-CH-0500-10-DA		250	600	850					18.0				721
IHS-CH-0500-12-DA		300	650	950					21.6				780
IHS-CH-0700-06-DA	700	150	520	670	630	400	230	1004.33	15.1	706.7	42	31	965
IHS-CH-0700-08-DA		200	570	770					20.1				1053
IHS-CH-0700-10-DA		250	620	870					25.1				1142
IHS-CH-0700-12-DA		300	670	970					30.1				1230
IHS-CH-1000-06-DA	1000	150	569	719	740	490	305	1468.61	22.0	1033.3	55	42	1394
IHS-CH-1000-08-DA		200	619	819					29.4				1506
IHS-CH-1000-10-DA		250	669	919					36.7				1618
IHS-CH-1000-12-DA		300	719	1019					44.1				1729
IHS-CH-1300-08-DA	1300	200	715	915	870	580	355	1903.25	38.1	1339.2	64	55	2500
IHS-CH-1300-10-DA		250	765	1015					47.6				2662
IHS-CH-1300-12-DA		300	815	1115					57.1				2824

## Accessories / Spares

Part No.	Description
IHS-GAU-A-6	6" Analogue Gauge
IHS-W-1313-MS	0.5" Multi-strand Reusable Wedge - Chrome Plated w/Screws
IHS-W-1515-MS	0.6" Multi-strand Reusable Wedge - Chrome Plated w/Screws
IHS-QA-06M-06M	Quick action coupler - 3/8" Male body / 3/8" NPT Male thread
IHS-QA-06F-06M	Quick action coupler - 3/8" Female body / 3/8" NPT Male thread
IHS-QA-06-CAP	Quick action coupler protection cap - 3/8"
IHS-QA-06-PLUG	Quick action coupler protection plug - 3/8"
IHS-PRV-697/738	Pressure Relief Valve - 697 to 738 bar

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