

## WEIGHT LOADS AND SPECS

Chart For Griplock® Grippers using 7x7 or 7x19 STEEL CORE Uncoated Aircraft Cable									
The SWL represents the Safe Working Load for a specific Gripper / Cable combination									
Safe Working Loads are 20% of the minimum break strength of the Gripper / Cable combination									
Cable Diameter		Minimum Break Strength of Cable & Gripper Combination							5:1 SWL of Cable & Gripper Combination
		Gripper Type							
Inches	Mms.	Type-15	Type-18	Type-25	Type-30	Type-50		Type-80	
		3-Ball	3-Ball	3-Ball	3-Ball	3-Ball	6-Ball	6-Ball	
3/64"		165	165						33
	1.5 mm	280	280						56
1/16"	1.6 mm	300	300	300					60
5/64"	2.0 mm		450	450					90
3/32"	2.4 mm			630	630				126
	2.5 mm			675	675				135
	3.0 mm				1,000				200
1.8"					1,125				225
3/16"						2,250			450
3/16"							2,500		500
1/4"								4,500	900
5/16"	8.0 mm							5,500	1,100

\* Figures are in pounds.

\* The 5:1 SWL column reflects the US cable industry and the European TUV standard safety factor.

\*Where no minimum break strength is shown, grippers and cables are not considered compatible.

\*Use only bare galvanized or stainless steel cables. Do not use plastic coated cables.

\*This chart applies to Griplock®

Chart For Griplock® Grippers using 6x7 or 6x19 FIBER CORE Wire Rope ONLY						
The SWL represents the Safe Working Load for a specific Gripper / Cable combination						
Cable Size		Minimum Break Strength of Cable & Gripper Combination			5:1 SWL of Cable & Gripper Combination	12:1 SWL BGV C1 Standard See Below
		Gripper Type				
Inches	Mms.	Type -50		Type-80		
		3-Ball	6-Ball	6-Ball		
	4.0mm		1,650		330	187
3/16"		2,000			400	n/a
3/16"			2,125		425	n/a
	5.0 mm		2,750		550	287
	6.0 mm			3,300	660	419
1/4"				3,500	700	n/a
5/16"	8.0 mm			5,500	1,100	728

\* Figures are in pounds

\* The 5:1 SWL column reflects the US cable industry and the European TUV standard 5:1 safety factor.

\* The 12:1 SWL column reflects the BGV C1 safe working load standard according to European public event cable rigging protocols. The BGV C1 SWL is printed on each gripper. See discussion of BGV C1 on the next page.

\* Where no minimum break strength is shown, grippers and cables are not considered compatible.

\* This chart applies to Griplock® Grippers only. It is not applicable to any other cable gripping product, including Griplock's® Cablefast/ZF gripper line.