

SAFETY FACTORIES

SAFETY FACTOR 4:1

Lifting method									
Number of legs	1	2	2	2	2	2	3 / 4	3 / 4	3 / 4
Inclination angle β	90°	0°	90°	0-45°	>45-60°	Asymm.	0-45°	>45-60°	Asymm.
Factor	1	2	2	1.4	1	1	2.1	1.5	1

Safety factor 4:1 for max. total load weight in tonnes, screwed tight and aligned in direction of pull

ACP M 12 / 1/2"	1.35	2.7	2.7	1.9	1.35	1.35	2.84	2	1.35
ACP M 16 / 5/8"	2.5	5	5	3.5	2.5	2.5	5.25	3.75	2.5
ACP M 20 / 3/4"	4	8	8	5.6	4	4	8.4	6	4
ACP M 24 / 1"	6.3	12.6	12.6	8.8	6.3	6.3	13.2	9.5	6.3
ACP M 30 / 1 1/4"	8	16	16	11.2	8	8	16.8	12	8

Safety factor 4:1 for max. total load weight in lbs, screwed tight and aligned in direction of pull

ACP M 12 / 1/2"	4400	5940	5940	4158	2970	2970	6237	4455	2970
ACP M 16 / 5/8"	8800	11000	11000	7700	5500	5500	11550	8250	5500
ACP M 20 / 3/4"	13200	17600	17600	12320	8800	8800	18480	13200	8800
ACP M 24 / 1"	17600	27720	27720	19404	13860	13860	29106	20790	13860
ACP M 30 / 1 1/4"	26400	35200	35200	24640	17600	17600	36960	26400	17600

Working load limit in tonnes (top) and in lbs (bottom).

The right to make technical changes is reserved.

SAFETY FACTOR 5:1

Lifting method									
Number of legs	1	2	2	2	2	2	3 / 4	3 / 4	3 / 4
Inclination angle β	90°	0°	90°	0-45°	>45-60°	Asymm.	0-45°	>45-60°	Asymm.
Factor	1	2	2	1.4	1	1	2.1	1.5	1

Safety factor 5:1 for max. total load weight in tonnes, screwed tight and aligned in direction of pull

ACP M 12 / 1/2"	1.1	2.2	2.2	1.5	1.1	1.1	2.3	1.6	1.1
ACP M 16 / 5/8"	2	4	4	2.8	2	2	4.2	3	2
ACP M 20 / 3/4"	3.2	6.4	6.4	4.5	3.2	3.2	6.7	4.8	3.2
ACP M 24 / 1"	5	10	10	7	5	5	10.5	7.5	5
ACP M 30 / 1 1/4"	6.4	12.8	12.8	9	6.4	6.4	13.5	9.6	6.4

Safety factor 5:1 for max. total load weight in lbs, screwed tight and aligned in direction of pull

ACP M 12 / 1/2"	2375	4750	4750	3325	2375	2375	4988	3563	2375
ACP M 16 / 5/8"	4400	8800	8800	6160	4400	4400	9240	6600	4400
ACP M 20 / 3/4"	7040	14080	14080	9856	7040	7040	14784	10560	7040
ACP M 24 / 1"	11080	22160	22160	15512	11080	11080	23268	16620	11080
ACP M 30 / 1 1/4"	14080	28160	28160	19712	14080	14080	29568	21120	14080

Working load limit in tonnes (top) and in lbs (bottom).

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