

CMC mechanical-set liner hanger

Reduce costs when running medium to long liners

Applications

- Medium to long liners
- Wells where no reaming is anticipated to get to depth

Features and benefits

- Low-profile slips
 - Provide large supported slip area and reduce potential for damage while running in
- Staggered cone design
 - Provide maximum bypass area while running in and circulating
- T-slot bowsprings
 - Eliminate the use of set screws, increasing reliability
- Automatic J-cage
 - Allows hanger to return to run-in position if hanger presets while running in hole

The economical Baker Hughes CMC™ mechanical-set liner hanger handles medium to long liners. The liner hanger can be used in wells where mechanical hanger manipulation is possible, and when rotation is not anticipated while working the liner to depth. It is built with a right- or a left-hand, open-bottom, automatic J-cage to be run in the hole using a setting tool.

The CMC liner hanger uses a staggered cone design to increase the hanging capacity and effective bypass area. The low-profile slips help reduce the potential for damage while running in the hole.



Liner Hanger Size (Liner x Casing)	Casing Weight		Maximum OD	
	In.	Lb/ft	Kg/m	In.
3.500 x 5.000	13.0-15.0	19.4-22.4	4.188	106.4
	18.0	26.8	4.062	103.2
3.500 x 5.500	14.0-15.5	20.9-23.1	4.625	117.5
	17.0	25.4	4.500	114.3
	20.0-23.0	29.8-34.3	4.375	1
4.000 x 5.500	14.0-15.5	14.0-15.5	14.0-15.5	14.0-15.5
	20.9-23.1	20.9-23.1	20.9-23.1	20.9-23.1
	4.750	4.750	4.750	4.750
4.500 x 6.625	28.0-32.0	41.8-47.7	5.375	136.5
	35.0	52.2	5.350	135.9
4.500 x 7.000	20.0-26.0	29.8-38.8	6.000	152.4
	26.0-32.0	38.8-47.7	5.875	149.2
	35.0	52.2	5.750	146.1
	38.0-41.0	56.7-61.1	5.625	142.9
5.000 x 7.000	17.0-20.0	25.4-29.8	6.125	155.6
	23.0	34.3	6.000	152.4
	26.0-32.0	38.8-47.7	5.875	149.2
	35.0	52.2	5.750	146.1
	38.0-41.0	56.7-61.1	5.625	142.9
5.000 x 7.625	20.0-26.4	29.8-39.4	6.688	169.9
	29.7-33.7	44.3-50.3	6.500	165.1
	39.0	58.2	6.375	161.9
	39.0-45.3	58.2-67.6	6.250	158.8
	42.8-45.3	63.8-67.6	6.125	155.6
5.500 x 7.000	23.0	34.3	6.156	156.4
	23.0-26.0	34.3-38.8	6.062	154.0
	29.0	43.2	5.970	151.6
5.500 x 7.625	20.0-26.4	29.8-39.4	6.688	169.9
	29.7-33.7	44.3-50.3	6.500	165.1
	39.0	58.2	6.375	161.9
	42.8-45.3	63.8-67.6	6.250	158.8
5.500 x 8.625	32.0-36.0	47.7-53.7	7.562	192.1
6.625 x 8.625	40.0-44.0	59.6-65.6	7.375	187.3
7.000 x 8.625	24.0	35.8	7.875	2

Liner Hanger Size (Liner x Casing)	Casing Weight		Maximum OD	
	In.	Lb/ft	Kg/m	In.
7.000 x 9.265	32.3-36.0	48.2-53.7	8.500	215.9
	40.0-47.0	59.6-70.1	8.375	212.7
	47.0-53.5	70.1-79.8	8.312	211.1
	53.5-61.1	79.8-91.1	8.125	206.4
7.000 x 10.750	70.3	104.8	7.875	200.0
	45.5-55.5	67.8-82.8	9.500	241.3
	60.7-71.1	90.5-106.0	9.250	235.0
7.625 x 9.625	36.0-40.0	53.7-59.6	8.600	218.4
	43.5-47.0	64.9-70.1	8.437	214.3
	53.5	79.8	8.313	211.2
	58.4	87.1	8.250	209.6
7.625 x 10.750	32.7-40.5	48.8-60.4	9.750	247.7
	45.5-55.5	67.8-82.8	9.500	241.3
	60.7	90.5	9.375	238.1
	65.7-71.1	98.0-106.0	9.187	233.3
	73.2	109.2	9.125	231.8
9.625 x 11.750	85.3	127.2	8.875	225.4
	60.0-66.7	89.5-99.5	10.437	265.1
	71.1-73.6	106.0-109.8	10.312	261.9
9.625 x 13.375	80.5	120.1	10.188	258.8
	48.0-54.5	71.6-81.3	12.000	304.8
	62.0-68.0	92.5-101.4	11.875	301.6
10.750 x 13.375	72.0-85.0	107.4-126.8	11.750	298.5
	61.0-68.0	91.0-101.4	12.125	308.0
	72.0-77.0	107.4-114.8	12.000	304.8
11.750 x 13.375*	54.5-68.0	81.3-101.4	12.200	309.9
	68.0-72.0	101.4-107.4	12.130	308.1
11.875 x 16.000	77.0	114.8	12.070	306.6
	146.0	217.7	13.875	352.4
16.000 x 20.000	133.0-	198.3-	18.125	460.4
	169.0	252.0		

*Available only as SMC™ hanger (product family no. H29212).
Note: Additional sizes/weights may be available upon request. Contact your local Baker Hughes representative.

