



## CHIEF™ Tie-Rod Cylinders Dimensional Data in Inches (Millimeters)

BORE	A*	B*	C	D	E	F	G	H	I	J	K	L	M	PORT SIZE
2.00 (51)	10.25 (260)	1.015 (25.8)	2.125 (53.9)	1.625 (41.3)	1.000 (25.4)	1.000 (25.4)	1.125 (28.6)	2.500 (63.5)	2.750 (69.8)	1.125 (28.6)	2.500 (63.5)	.375 (9.5)	1 1/8-12 UNF	3/8" NPTF
2.50 (64)	10.25 (260)	1.015 (25.8)	2.125 (53.9)	1.625 (41.3)	1.000 (25.4)	1.000 (25.4)	1.125 (28.6)	2.500 (63.5)	3.125 (79.4)	1.125 (28.6)	2.500 (63.5)	.375 (9.5)	1 1/8-12 UNF	3/8" NPTF
3.00 (76)	10.25 (260)	1.015 (25.8)	2.125 (53.9)	1.625 (41.3)	1.125 (28.6)	1.000 (25.4)	1.125 (28.6)	2.625 (66.7)	3.750 (95.3)	1.125 (28.6)	2.500 (63.5)	.500 (12.7)	1 1/4-12 UNF	1/2" NPTF
3.50 (89)	10.25 (260)	1.015 (25.8)	2.125 (53.9)	1.625 (41.3)	1.125 (28.6)	1.125 (28.6)	1.125 (28.6)	2.625 (66.7)	4.125 (104.8)	1.125 (28.6)	2.500 (63.5)	.500 (12.7)	1 1/4-12 UNF	1/2" NPTF
4.00 (102)	10.25 (260)	1.015 (25.8)	2.125 (53.9)	1.625 (41.3)	1.125 (28.6)	1.125 (28.6)	1.125 (28.6)	2.625 (66.7)	4.625 (117.5)	1.125 (28.6)	2.625 (66.7)	.500 (12.7)	1 1/4-12 UNF	1/2" NPTF
5.00 (127)	12.25 (311)	1.015 (25.8)	2.125 (53.9)	2.250 (57.2)	1.250 (31.8)	1.500 (38.1)	1.250 (31.8)	2.625 (66.7)	6.000 (152.4)	1.250 (31.8)	3.500 (88.9)	.625 (15.9)	1 1/4-12 UNF	1/2" NPTF

\* Except 8" and 16" ASAE cylinders.

## CHIEF™ ASAE & Log Splitter Cylinders

• 2500 PSI

HERCULES NO.	MFG. NO.	BORE	STROKE	ROD DIA.	DIMENSIONS		CLEVIS PIN SIZE	SHIP DIAMETER	WT.
					RETRACTED	EXTENDED			
CTR-2008A	214-103	2	8	1 1/8	20 1/4	x 28 1/4	3/8 NPTF	1	18
CTR-2508A	214-112	2 1/2	8	1 1/8	20 1/4	x 28 1/4	3/8 NPTF	1	21
CTR-3008A	214-121	3	8	1 1/4	20 1/4	x 28 1/4	1/2 NPTF	1	26
CTR-3508A	214-131	3 1/2	8	1 1/4	20 1/4	x 28 1/4	1/2 NPTF	1	29
CTR-4008A	214-141	4	8	1 1/4	20 1/4	x 28 1/4	1/2 NPTF	1	35
CTR-4024	214-148	4	24	1 1/2	34 1/4	x 58 1/4	1/2 NPTF	1	61

## ■ 2" Bore

• 2500 PSI

HERCULES NO.	MFGR. NO.	STROKE	ROD DIA.	DIMENSIONS		PORT SIZE	CLEVIS PIN DIAMETER	SHIP WT.
				RETRACTED	X EXTENDED			
CTR-2004	214-099	4	1 1/8	14 1/4	x 18 1/4	3/8 NPTF	1	17
CTR-2006	214-101	6	1 1/8	16 1/4	x 22 1/4	3/8 NPTF	1	17
CTR-2008	214-102	8	1 1/8	18 1/4	x 26 1/4	3/8 NPTF	1	17
CTR-2008A	214-103	8	1 1/8	20 1/4	x 28 1/4	3/8 NPTF	1	18
CTR-2010	214-104	10	1 1/8	20 1/4	x 30 1/4	3/8 NPTF	1	20
CTR-2012	214-105	12	1 1/8	22 1/4	x 34 1/4	3/8 NPTF	1	21
CTR-2014	214-106	14	1 1/8	24 1/4	x 38 1/4	3/8 NPTF	1	22
CTR-2016	214-107	16	1 1/8	26 1/4	x 42 1/4	3/8 NPTF	1	23
CTR-2018	214-108	18	1 1/8	28 1/4	x 46 1/4	3/8 NPTF	1	24
CTR-2020	214-109	20	1 1/8	30 1/4	x 50 1/4	3/8 NPTF	1	25
CTR-2024	214-110	24	1 1/8	34 1/4	x 58 1/4	3/8 NPTF	1	27
CTR-2030	214-162	30	1 1/8	40 1/4	x 70 1/4	3/8 NPTF	1	33
CTR-2036	214-163	36	1 1/8	46 1/4	x 82 1/4	3/8 NPTF	1	36

## ■ 2 1/2" Bore

• 2500 PSI

HERCULES NO.	MFGR. NO.	STROKE	ROD DIA.	DIMENSIONS		PORT SIZE	CLEVIS PIN DIAMETER	SHIP WT.
				RETRACTED	X EXTENDED			
CTR-2506	214-158	6	1 1/8	16 1/4	x 22 1/4	3/8 NPTF	1	19
CTR-2508	214-111	8	1 1/8	18 1/4	x 26 1/4	3/8 NPTF	1	20
CTR-2508A	214-112	8	1 1/8	20 1/4	x 28 1/4	3/8 NPTF	1	21
CTR-2510	214-113	10	1 1/8	20 1/4	x 30 1/4	3/8 NPTF	1	22
CTR-2512	214-114	12	1 1/8	22 1/4	x 34 1/4	3/8 NPTF	1	24
CTR-2514	214-115	14	1 1/8	24 1/4	x 38 1/4	3/8 NPTF	1	25
CTR-2516	214-116	16	1 1/8	26 1/4	x 42 1/4	3/8 NPTF	1	27
CTR-2518	214-117	18	1 1/8	28 1/4	x 46 1/4	3/8 NPTF	1	28
CTR-2520	214-118	20	1 1/8	30 1/4	x 50 1/4	3/8 NPTF	1	30
CTR-2524	214-119	24	1 1/8	34 1/4	x 58 1/4	3/8 NPTF	1	33
CTR-2530	214-164	30	1 1/4	40 1/4	x 70 1/4	3/8 NPTF	1	34
CTR-2536	214-165	36	1 1/4	46 1/4	x 82 1/4	3/8 NPTF	1	38

## ■ 3" Bore

• 2500 PSI

HERCULES NO.	MFGR. NO.	STROKE	ROD DIA.	DIMENSIONS		PORT SIZE	CLEVIS PIN DIAMETER	SHIP WT.
				RETRACTED	X EXTENDED			
CTR-3004	214-160	4	1 1/4	14 1/4	x 18 1/4	1/2 NPTF	1	17
CTR-3006	214-159	6	1 1/4	16 1/4	x 22 1/4	1/2 NPTF	1	24
CTR-3008	214-120	8	1 1/4	18 1/4	x 26 1/4	1/2 NPTF	1	25
CTR-3008A	214-121	8	1 1/4	20 1/4	x 28 1/4	1/2 NPTF	1	26
CTR-3010	214-122	10	1 1/4	20 1/4	x 30 1/4	1/2 NPTF	1	27
CTR-3012	214-123	12	1 1/4	22 1/4	x 34 1/4	1/2 NPTF	1	29
CTR-3014	214-124	14	1 1/4	24 1/4	x 38 1/4	1/2 NPTF	1	31
CTR-3016	214-125	16	1 1/4	26 1/4	x 42 1/4	1/2 NPTF	1	33
CTR-3016A	214-126	16	1 1/4	31 1/2	x 47 1/2	1/2 NPTF	1 1/4	34
CTR-3018	214-127	18	1 1/4	28 1/4	x 46 1/4	1/2 NPTF	1	35
CTR-3020	214-128	20	1 1/4	30 1/4	x 50 1/4	1/2 NPTF	1	37
CTR-3024	214-129	24	1 1/4	34 1/4	x 58 1/4	1/2 NPTF	1	41
CTR-3030	214-166	30	1 1/2	40 1/4	x 70 1/4	1/2 NPTF	1	40
CTR-3036	214-167	36	1 1/2	46 1/4	x 82 1/4	1/2 NPTF	1	42
CTR-3048	214-184	48	1 1/2	58 1/4	x 94 1/4	1/2 NPTF	1	46



## ■ CHIEF™ Tie-Rod Cylinder Packing Kits

HERCULES NO.	BORE	ROD DIA.
CTR-203-001	2	1 1/8
CTR-203-002	2 1/2	1 1/8
CTR-203-003	3	1 1/4



## ■ 3 1/2" Bore

• 2500 PSI

HERCULES NO.	MFG. NO.	STROKE	ROD DIA.	DIMENSIONS		PORT SIZE	CLEVIS PIN DIAMETER	SHIP WT.
				RETRACTED	EXTENDED			
CTR-3508	214-130	8	1 1/4	18 1/4	x 26 1/4	1/2 NPTF	1	28
CTR-3508A	214-131	8	1 1/4	20 1/4	x 28 1/4	1/2 NPTF	1	29
CTR-3510	214-132	10	1 1/4	20 1/4	x 30 1/4	1/2 NPTF	1	30
CTR-3512	214-133	12	1 1/4	22 1/4	x 34 1/4	1/2 NPTF	1	33
CTR-3514	214-134	14	1 1/4	24 1/4	x 38 1/4	1/2 NPTF	1	35
CTR-3516	214-135	16	1 1/4	26 1/4	x 42 1/4	1/2 NPTF	1	36
CTR-3516A	214-136	16	1 1/2	31 1/2	x 47 1/2	1/2 NPTF	1 1/4	37
CTR-3518	214-137	18	1 1/4	28 1/4	x 46 1/4	1/2 NPTF	1	40
CTR-3520	214-138	20	1 1/4	30 1/4	x 50 1/4	1/2 NPTF	1	42
CTR-3522	214-176	22	1 1/2	32 1/4	x 54 1/4	1/2 NPTF	1	47
CTR-3524	214-139	24	1 1/2	34 1/4	x 58 1/4	1/2 NPTF	1	51
CTR-3530	214-168	30	1 1/2	40 1/4	x 70 1/4	1/2 NPTF	1	55
CTR-3536	214-169	36	1 1/2	46 1/4	x 82 1/4	1/2 NPTF	1	58
CTR-3548	214-177	48	1 1/2	58 1/4	x 94 1/4	1/2 NPTF	1	64

## ■ 4" Bore

• 2500 PSI

HERCULES NO.	MFG. NO.	STROKE	ROD DIA.	DIMENSIONS		PORT SIZE	CLEVIS PIN DIAMETER	SHIP WT.
				RETRACTED	EXTENDED			
CTR-4008	214-140	8	1 1/4	18 1/4	x 26 1/4	1/2 NPTF	1	34
CTR-4008A	214-141	8	1 1/4	20 1/4	x 28 1/4	1/2 NPTF	1	35
CTR-4010	214-142	10	1 1/4	20 1/4	x 30 1/4	1/2 NPTF	1	37
CTR-4012	214-143	12	1 1/4	22 1/4	x 34 1/4	1/2 NPTF	1	40
CTR-4016	214-144	16	1 1/4	26 1/4	x 42 1/4	1/2 NPTF	1	45
CTR-4016A	214-145	16	2	31 1/4	x 47 1/2	1/2 NPTF	1 1/4	46
CTR-4018	214-146	18	1 1/2	28 1/4	x 46 1/4	1/2 NPTF	1	49
CTR-4020	214-147	20	1 1/2	30 1/4	x 50 1/4	1/2 NPTF	1	53
CTR-4024	214-148	24	1 1/2	34 1/4	x 58 1/4	1/2 NPTF	1	61
CTR-4024HD	214-161	24	2	34 1/4	x 58 1/4	1/2 NPTF	1	63
CTR-4030	214-170	30	2	40 1/4	x 70 1/4	1/2 NPTF	1	77
CTR-4036	214-171	36	2	46 1/4	x 82 1/2	1/2 NPTF	1	88
CTR-4048	214-178	48	2	58 1/4	x 94 1/2	1/2 NPTF	1	97

## ■ CHIEF™ Tie-Rod Cylinder Packing Kits

HERCULES NO.	BORE	ROD DIA.
CTR-203-004	3 1/2	1 1/4
CTR-203-005	3 1/2	1 1/2
CTR-203-006	4	1 1/4
CTR-203-007	4	1 1/2
CTR-203-008	4	2
CTR-203-009	5	1 1/2
CTR-203-010	5	2

## ■ 5" Bore

• 1500 PSI

HERCULES NO.	MFG. NO.	STROKE	ROD DIA.	DIMENSIONS		PORT SIZE	CLEVIS PIN DIAMETER	SHIP WT.
				RETRACTED	EXTENDED			
CTR-5008	214-149	8	1 1/2	20 1/4	x 28 1/4	1/2 NPTF	1	65
CTR-5012	214-150	12	2	24 1/4	x 36 1/4	1/2 NPTF	1	77
CTR-5014	214-151	14	2	26 1/4	x 40 1/4	1/2 NPTF	1	82
CTR-5016	214-152	16	2	28 1/4	x 44 1/4	1/2 NPTF	1	86
CTR-5016A	214-153	16	2	31 1/2	x 47 1/2	1/2 NPTF	1 1/4	87
CTR-5018	214-154	18	2	30 1/4	x 48 1/4	1/2 NPTF	1	92
CTR-5020	214-155	20	2	32 1/4	x 52 1/4	1/2 NPTF	1	96
CTR-5024	214-156	24	2	36 1/4	x 60 1/4	1/2 NPTF	1	106
CTR-5030	214-157	30	2	42 1/4	x 72 1/4	1/2 NPTF	1	120