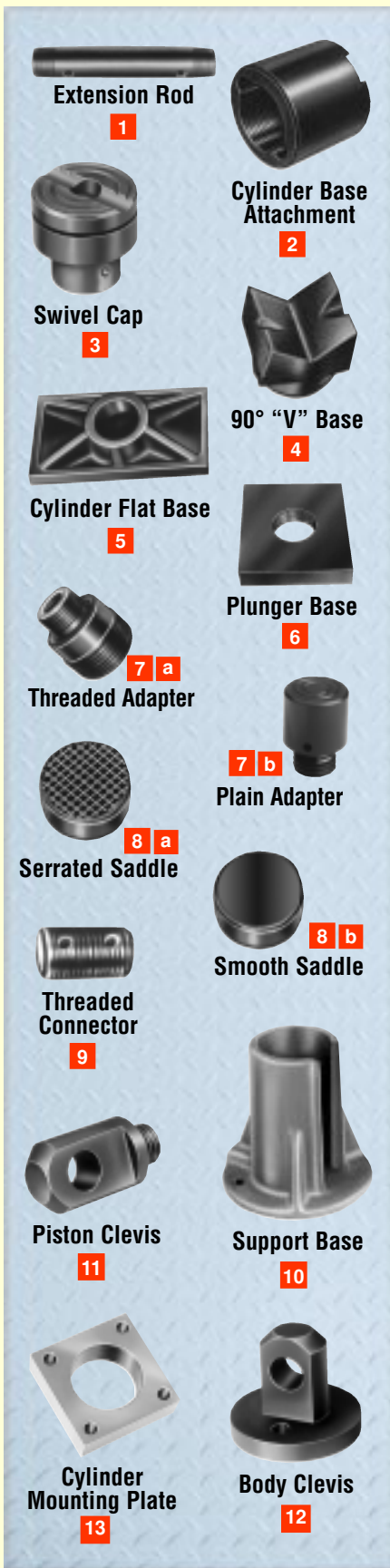


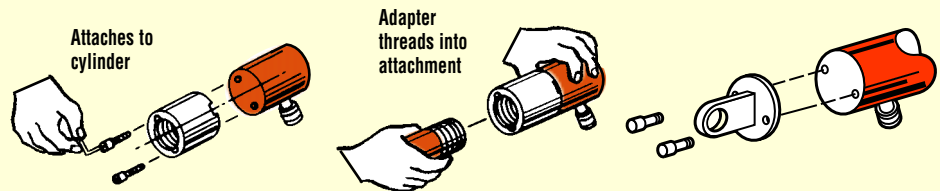
Cylinder Accessories

Mounting accessories for "C" Series cylinders

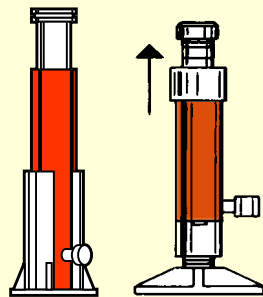


These accessories, which attach directly onto cylinder top or bottom, permit additional flexibility in the application of Power Team hydraulic cylinders to perform a wide variety of tasks. Rated for full capacity (700 bar) of cylinders, making them more versatile than they are already.

Cylinder base or body attachment — Cap screws attach this accessory to base of cylinder. Allows you to thread many male adapters into this attachment. Cap screws attach the body clevis accessory to base of cylinder for clevis attaching applications.

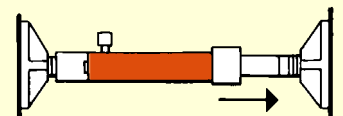


Lifting applications — Illustration below shows lifting application using cylinder flat base, cylinder base attachment and threaded tube coupling. Support base helps hold cylinder in an upright position by increasing the flat base area. Swivel cap tilts 5° to help reduce the effect that off-center loading will have on a hydraulic cylinder.

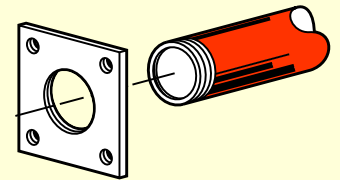


⚠ Lifting loads where the base of the cylinder is not parallel with the surface of the load engaged by the cylinder lifting cap is NOT recommended. If you must lift such a load, be aware that even with the use of a swivel cap, the cylinder can "kick out" from beneath the load and cause serious personal injury and/or property damage.

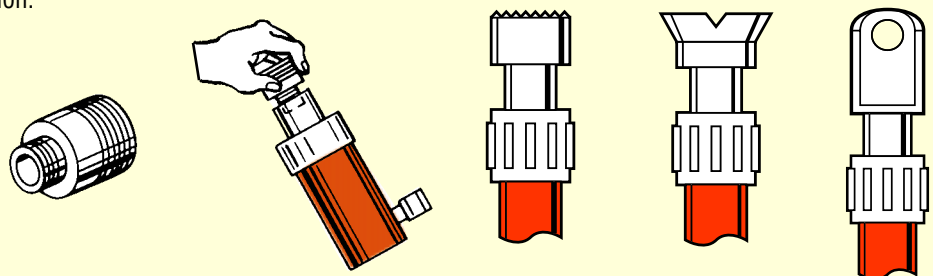
Spreading applications — Spreading application with two cylinder flat bases, threaded adapter, cylinder base attachment and threaded connector or extension rod.



Fixed applications — Cylinder mounting plate threads to the cylinder body, for fixed application.



Threaded adapter — Easily threads into threaded plunger end of cylinder. You are now ready to attach the saddles shown. Piston clevis threads into piston rod for clevis attaching application.



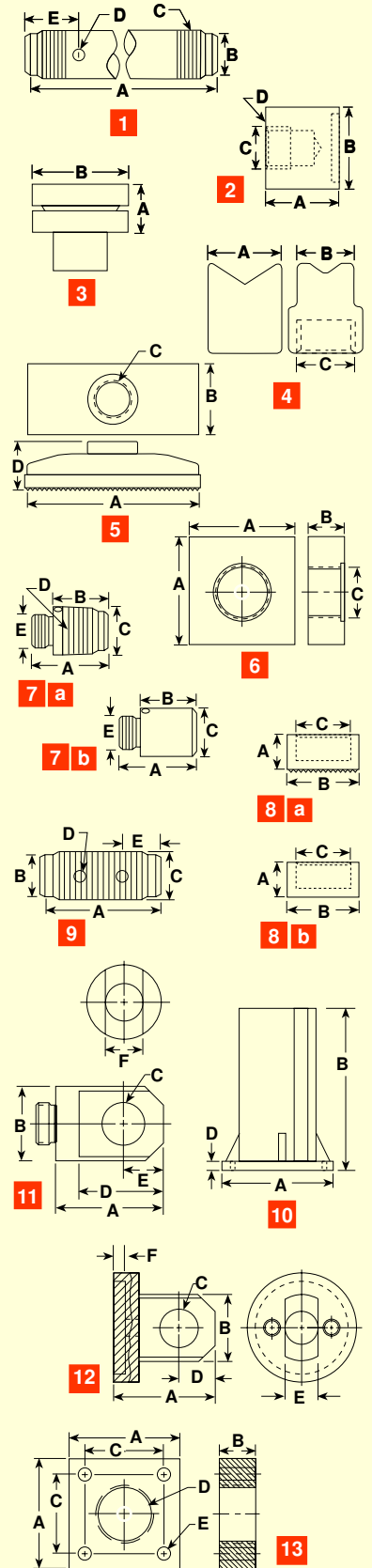
ORDERING INFORMATION

Item No.	Cylinder Tonnage	Order Number	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
1	5	350895	127	22.4 Dia.	3/4 — 14 NPT	8.4 Dia.	50.8	—
1	5	38908	254	22.4 Dia.	3/4 — 14 NPT	8.4 Dia.	50.8	—
1	5	350896	457.2	22.4 Dia.	3/4 — 14 NPT	8.4 Dia.	50.8	—
1	10	350897	127	36.6 Dia.	1 1/4 — 11 1/2 NPT	8.4 Dia.	50.8	—
1	10	38909	254	36.6 Dia.	1 1/4 — 11 1/2 NPT	8.4 Dia.	50.8	—
1	10	350898	457.2	36.6 Dia.	1 1/4 — 11 1/2 NPT	8.4 Dia.	50.8	—
2†	5	208380	41.4	44.5 Dia.	3/4 — 14 NPSM	7.1 Dia. (2) 1/4 -20 UNC x 19.1 Lg. Socket Head Cap Screws	—	—
2†	10	208381	47.8	63.5 Dia.	1 1/4 — 11 1/2 NPSM	8.6 Dia. (2) 5/16-18 UNC x 19.1 Lg. Socket Head Cap Screws	—	—
2†	25	208382	60.5	98.6 Dia.	2 — 11 1/2 NPSM	13.5 Dia. (2) 1/2 -13 UNC x 25.4 Lg. Socket Head Cap Screws	—	—
3	10 or 15	350144	22.4	30.1	—	—	—	—
3	25	350145	28.7	50.8	—	—	—	—
3	55 or 75	350376	31.8	71.4	—	—	—	—
3	100	351574	48.5	88.1	—	—	—	—
4	5	25388*	35.1	26.9	3/4 — 14 NPSM	—	—	—
4	10	25395*	54.1	54.1	1 1/4 — 11 1/2 NPSM	—	—	—
5	5	25750*	114.3	63.5	3/4 — 14 NPSM	34	—	—
5	10	32325*	166.6	88.9	1 1/4 — 11 1/2 NPSM	36.6	—	—
6	25	25652	152.4	31.8	2 — 11 1/2 NPSM	—	—	—
7a**	5	202178	41.4	28.7	26.9 Dia.	3/4 — 14 NPT	3/4 — 16 UNF-2A	—
7a**	10 or 15	202179	46.0	26.9	41.4 Dia.	1 1/4 — 11 1/2 NPT	1 — 8 UNC-2A	—
7a**	25	202180	69.9	47.8	60.5 Dia.	2 — 11 1/2 NPT	1 1/2 — 16 UN-2A	—
7b**	10 or 15	350724	50.8	31.8	37.6 Dia.	—	1 — 8 UNC-2A	—
7b**	25	350723	54.1	31.8	57.2 Dia.	—	1 1/2 — 16 UN-2A	—
8a	5	25746*	28.7	33.3 Dia.	3/4 — 14 NPSM	—	—	—
8a	10 or 15	31772*	28.7	50.8 Dia.	1 1/4 — 11 1/2 NPSM	—	—	—
8a	25	31776*	33.3	76.2 Dia.	2 — 11 1/2 NPSM	—	—	—
8b	5	351575*	28.7	33.3 Dia.	3/4 — 14 NPSM	—	—	—
8b	10	24016*	28.7	50.8 Dia.	1 1/4 — 11 1/2 NPSM	—	—	—
8b	25	351576*	33.3	76.2 Dia.	2 — 11 1/2 NPSM	—	—	—
9	5	25748	44.5	22.4 Dia.	3/4 — 14 NPSM	4.8 Dia.	12.7	—
9	10	25664	41.4	36.6 Dia.	1 1/4 — 11 1/2 NPSM	7.9 Dia.	14.2	—
9	25	25654	57.2	54.1 Dia.	2 — 11 1/2 NPSM	9.7 Dia.	16	—
10	10	420062	177.8	127	—	11.2	—	—
10	25	420063	177.8	127	—	11.2	—	—
11**	5	350095	44.5	28.7	16	36.6	16	14.2
11**	10 or 15	350094	65	42.9	22.4	58.7	25.4	25.4
11**	25	420059	74.7	57.2	31.8	68.3	31.8	38.1
12†	5	350096	52.3	28.7	16	16	14.2	6.4
12†	10	350097	76.2	42.9	22.4	25.4	25.4	6.4
12†	15	350098	77.7	42.9	22.4	25.4	25.4	6.4
12†	25	420061	90.4	57.2	31.8	31.8	38.1	6.4
13	5	350099	76.2	25.4	54.1	1 1/2 — 16 UN-2B	8.6	—
13	10	350100	88.9	25.4	66.8	2 1/4 — 14 UNS-2B	8.6	—
13	15	350184	88.9	25.4	66.8	2 3/4 — 16 UN-2B	8.6	—
13	25	420064	127	50.8	93	3 3/16 — 12 UN-2B	16.8	—

* Items require threaded adapter (item No. 7a) when used with "C" series cylinders. They may be used on threaded "CBT" cylinders without the use of an adapter.

† Mounting screws are included.

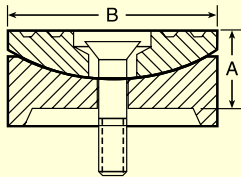
** Can be used with RD106, RD1010 Cyl.



Cylinder Accessories

Swivel Caps for "R..c" and "R..l" cylinders

Reduce the effects of off center loading. Tilts up to 5 degrees. Radial grooves on top of cap reduce load slippage.

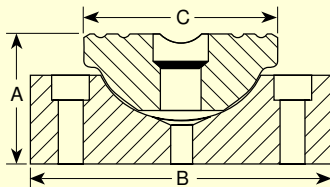


For use with "R..c" cylinders					
Use with Cyl. No.	Swivel Cap Order No.	A (mm)	B (mm)	Wt. (kg)	
150-200 ton	420867	38.1	130.2	4.0	
280 ton	420868	44.5	149.2	6.1	
355 ton	420869	69.9	195.3	16.8	
435 ton	420870	79.4	225.4	23.6	
565 ton	420871	92.1	250.8	35.4	

For use with "R..l" cylinders					
Use with Cyl. No.	Swivel Cap Order No.	A (mm)	B (mm)	Wt. (kg)	
55-100 ton	420866	25.4	71.4	0.8	
150-200 ton	420867	38.1	130.2	4.0	
280 ton	420868	44.5	149.2	6.1	
355 ton	420869	69.9	195.3	16.8	
435 ton	420870	79.4	225.4	23.6	
565 ton	420871	92.1	250.8	35.4	

Swivel Caps for "RSS", "RA" and "RD" cylinders

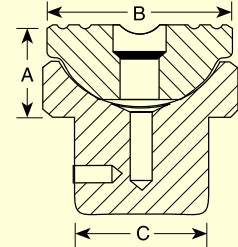
Reduce the effects of off center loading. Tilts up to 5 degrees. Radial grooves on top of cap reduce load slippage. Notch across face of each cap helps keep loads having a protruding or round shaped centered. Mounting screws included



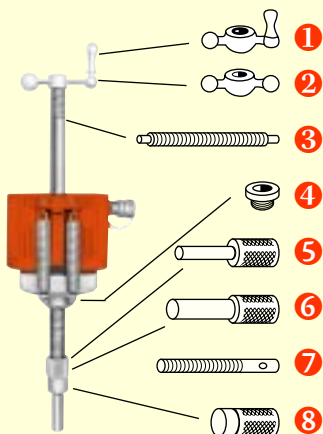
For use with "RSS" cylinders					
Use with Cyl. No.	Swivel Cap Order No.	A (mm)	B (mm)	C (mm)	Wt. (kg)
RSS101	350320	25.4	36.5	36.5	0.2
RSS202	350321	34.9	54	54	0.6
RSS302	350322	34.9	63.5	54	0.7
RSS502	350331	36.5	82.6	54	1.2
RSS1002	350332	46	111.1	85.7	3.0

For use with "RA" cylinders					
Cylinder Tonnage	Swivel Cap Order No.	A (mm)	B (mm)	C (mm)	Prod. Wt. (kg)
55	350376	31.8	71.4	71.4	0.9
100	350984	49.2	95.3	79.4	2.5

For use with "RD" cylinders					
Cylinder Tonnage	Swivel Cap Order No.	A (mm)	B (mm)	C (mm)	Prod. Wt. (kg)
10	350144	22.2	36.5	21.8	0.4
25	350145	28.6	54.0	36.5	0.6
55	351325	61.9	63.5	39.3	1.9
100	351324	75.0	95.3	67.5	5.1
150	351334	66.7	111.1	77.8	5.8



"Center-Hole" cylinder accessories



	To use with Cyl. No. →	RT172, RH203	RT302, RH302 RH303, RH306	RT503, RH503, RH603 RH605, RH606	RT1004
	No. Order Set No. →	RHA20	RHA30	RHA50	RHA100
①	Speed Crank	24814	27198	29595	303785
②	Speed Nut	302482	302483	33439	34136
		1"-8 thd.	1 1/4"-7 thd.	1 5/8"-5 1/2 thd.	2 1/2"-8 thd.
③	Adjusting Screw	32118	34758	32698	32699
		1"-8 thd. 508 mm lg.	1 1/4"-7 thd. 609.6 mm lg.	1 5/8"-5 1/2 thd. 762 mm lg.	2 1/2"-8 thd. 869.9 mm lg.
④	Threaded Insert	Order threaded insert for RH series cylinders with the accessory set. (See page 161). Threaded insert supplied with RT series cylinders			
⑤	Pushing Adapter	201923	34510	34755	—
		1"-8 thd. 12.7 mm dia. shank	1 1/4"-7 thd. 19.1 mm dia. shank	1 5/8"-5 1/2 thd. 25.4 mm dia. shank	—
⑥	Pushing Adapter	201454	34511	34756	—
		1"-8 thd. 19.5 mm dia. shank	1 1/4"-7 thd. 25.4 mm dia. shank	1 5/8"-5 1/2 thd. 31.7 mm dia. shank	—
⑦	Jack Screw	24813	25931	32701	32702
		1"-8 thd. 177.8 mm lg.	1 1/4"-7 thd. 228.6 mm lg.	1 5/8"-5 1/2 thd. 279.4 mm lg.	2 1/2"-8 thd. 406.4 mm lg.
⑧	Screw	28228	28229	28230	—
	Cap	1"-8 thd. 38.1 mm dia.	1 1/4"-7 thd. 44.4 mm dia.	1 5/8"-5 1/2 thd. 57.15 mm dia.	—

CYLINDER SEAL KITS

Cylinder Order No.	Nitrile Seal Kit*	Viton Seal Kit
C51C	300404	300210
C53C	300404	300210
C55C	300404	300210
C57C	300404	300210
C59C	300404	300210
C101C	300116	300211
C102C	300116	300211
C104C	300116	300211
C106C	300116	300211
C108C	300116	300211
C1010C	300116	300211
C1012C	300116	300211
C1014C	300116	300211
C1016C	300116	300211
C151C	300453	300471
C152C	300453	300471
C154C	300453	300471
C156C	300453	300471
C158C	300453	300471
C1510C	300453	300471
C1512C	300453	300471
C1514C	300453	300471
C1516C	300453	300471
C251C	300147	300213
C252C	300147	300213
C254C	300147	300213
C256C	300147	300213
C258C	300147	300213
C2510C	300147	300213
C2512C	300147	300213
C2514C	300147	300213
C552C	300114	300215
C554C	300114	300215
C556C	300114	300215
C5510C	300114	300215
C5513C	300114	300215
C756C	300647	300846
C7513C	300647	300846
C1002C	300112	300216
C1006C	300112	300216
C10010C	300112	300216
C55CBT	300404	300210
C106CBT	300116	300211
C1010CBT	300116	300211
C256CBT	300147	300213
C2514CBT	300147	300213
R1502C	300676	—
R1506C	300676	—
R15010C	300676	—

Cylinder Order No.	Nitrile Seal Kit*	Viton Seal Kit
R2002C	300677	—
R2006C	300677	—
R20010C	300677	—
R2802C	300678	—
R2806C	300678	—
R28010C	300678	—
R3552C	300679	—
R3556C	300679	—
R35510C	300679	—
R4302C	300680	—
R4306C	300680	—
R43010C	300680	—
R5652C	300681	—
R5656C	300681	—
R56510C	300681	—
R1002D	300928	—
R1006D	300928	—
R10010D	300928	—
R1502D	300929	—
R1506D	300929	—
R15010D	300929	—
R2002D	300930	—
R2006D	300930	—
R20010D	300930	—
R2802D	300931	—
R2806D	300931	—
R28010D	300931	—
R3552D	300932	—
R3556D	300932	—
R35510D	300932	—
R4302D	300933	—
R4306D	300933	—
R43010D	300933	—
R5652D	300934	—
R5656D	300934	—
R56510D	300934	—
R552L	300674	—
R556L	300674	—
R5510L	300674	—
R1002L	300675	—
R1006L	300675	—
R10010L	300675	—
R1502L	300676	—
R1506L	300676	—
R15010L	300676	—
R2002L	300677	—
R2006L	300677	—
R20010L	300677	—
R2802L	300678	—

Cylinder Order No.	Nitrile Seal Kit*	Viton Seal Kit
R2806L	300678	—
R28010L	300678	—
R3552L	300679	—
R3556L	300679	—
R35510L	300679	—
R4302L	300680	—
R4306L	300680	—
R43010L	300680	—
R5652L	300681	—
R5656L	300681	—
R56510L	300681	—
RA202	300631	—
RA204	300631	—
RA206	300631	—
RA302	300632	—
RA304	300632	—
RA306	300632	—
RA552	300391	—
RA554	300391	—
RA556	300391	—
RA5510	300391	—
RA1002	300444	—
RA1006	300444	—
RA556L	300395	—
RA1006L	300396	—
RD106	300117	—
RD1010	300117	—
RD256	300118	—
RD2514	300118	—
RD556	300005	—
RD5513	300005	—
RD5518	300005	—
RD8013	300410	—
RD1006	300006	—
RD10013	300006	—
RD10020	300006	—
RD1506	300007	—
RD15013	300007	—
RD15018	300007	—
RD2006	300008	—
RD20013	300008	—
RD3006	300466	—
RD30013	300466	—
RD4006	300467	—
RD40013	300467	—
RD5006	300468	—
RD50013	300468	—
RH102	300071	300221
RH108	300071	300221

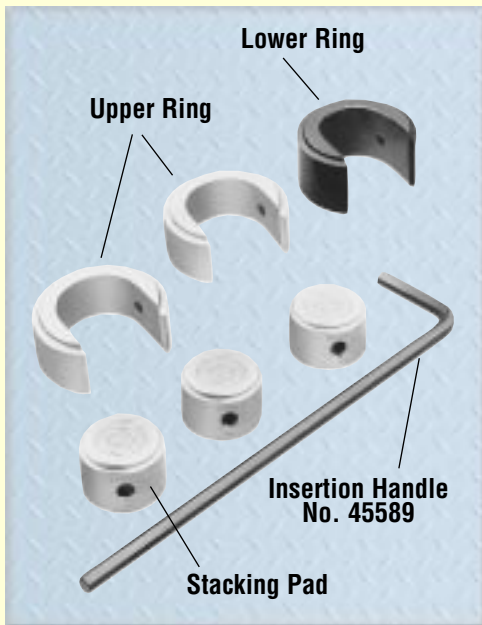
Cylinder Order No.	Nitrile Seal Kit	Viton Seal Kit
RH120	300657	—
RH121	300576	—
RH121T	300576	—
RH123	300576	—
RH202	300615	—
RH203	300069	300222
RH206	300615	—
RH302	300037	300223
RH306	300037	300223
RH503	300059	300225
RH603	300477	300476
RH606	300477	300476
RH1003	300485	300585
RH303	300077	300224
RH306D	300822	300224
RH3010	300625	—
RH605	300269	300226
RH6010	300626	—
RH1001	300927	—
RH1006	300295	300227
RH10010	300629	—
RH1505	300154	300228
RH1508	300583	—
RH2008	300582	—
RHA306	300867	300868
RHA604D	300269	300226
RLS50	300454	—
RLS100	300455	—
RLS200	300456	—
RLS300	300457	—
RLS500S	300458	—
RLS750S	300459	—
RLS1000S	300460	—
RLS1500S	300461	—
RP25	300628	—
RP55	300627	—
RSS101	300010	—
RSS202	300011	—
RSS302	300297	—
RSS502	300292	—
RSS1002	300293	—
RSS2503	—	—
RSS1002D	300578	—
RT172	300358	—
RT302	300359	—
RT503	300360	—
RT1004	300024	—

* Nitrile seals come standard on all cylinders.

Cylinder Accessories

Cribbing blocks

Cribbing block sets



Convert Power Team “Shorty” cylinders to mechanical cribbing devices; more stable than timber or other awkward, makeshift methods. Ideal for lifting applications such as structure moving. Reduce cribbing time dramatically. In effect, increases the stroke of the cylinder; stacking pads act as cylinder extensions:

1. Extend cylinder and insert lower supporting ring.
2. Retract cylinder, insert a stacking pad.
3. Extend cylinder again; pad increases cylinder stroke.
4. Repeat process until all rings and pads are used.

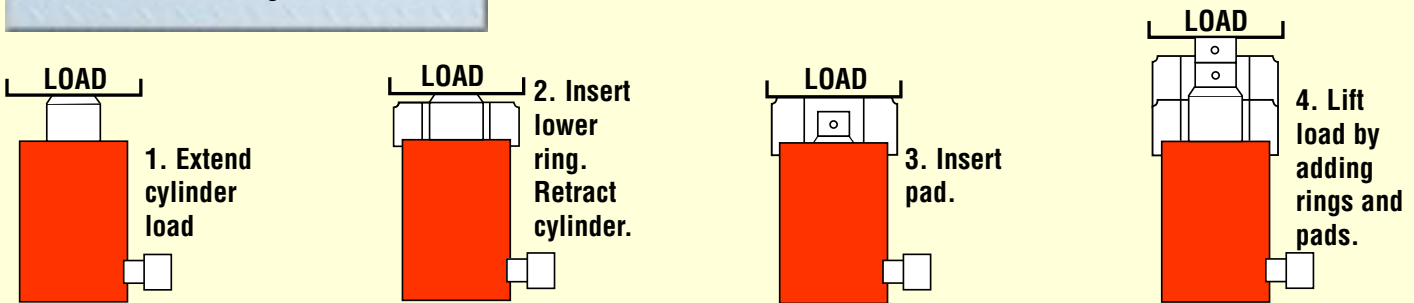
Each cribbing block set includes rings, pads and insertion handle.

No. CB30 — Cribbing block set for use with No. RSS302; 30 ton cylinder.

No. CB50 — Cribbing block set for use with No. RSS502; 50 ton cylinder.

No. CB100 — Cribbing block set for use with No. RSS1002; 30 ton cylinder.

No. 45589 — Insertion handle is used for inserting rings and pads.

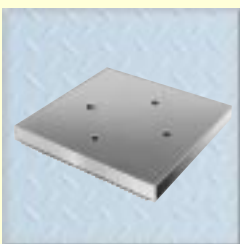


ORDERING INFORMATION

For Use with →	30 ton Cylinder No. RSS302			50 ton Cylinder No. RSS502			100 ton Cylinder No. RSS1002		
Order Number →	30 ton Set No. CB30			50 ton Set No. CB50			100 ton Set No. CB100		
	Lower Ring	Upper Ring	Stacking Pad	Lower Ring	Upper Ring	Stacking Pad	Lower Ring	Upper Ring	Stacking Pad
No. Included in Set	1	2	3	1	2	3	1	3	4
Outside Diameter (mm)	114.3	114.3	69.9	139.7	139.7	85.7	187.7	187.7	120.7
Inside Diameter (mm)	71.4	71.4	—	87.7	87.7	—	122.2	122.2	—
Height, each (mm)	57.9	45.6	45.2	56.4	43.7	42.8	54	44.5	43.7
Total Stacked Height of Rings in Set (mm)	138.1			131.7			174.6		
Weight of Set (kg)	9.1			12.7			29		

Each set includes one **Insertion Handle No. 45589** - 1/2" Hex. x 457 mm Long, 102 mm Bend

Aluminum cylinder base



Aluminum Cylinder Base – For use when an enlarged cylinder base is needed or advantageous. Attaches to bottom of RA556, RA556L and RA5510 with four 3/8"–16 screws (included). Serrated base for extra stability.

No. 208406 – Aluminum cylinder base, 178 mm square. For use with RA556, RA556L and RA5510 cylinders. Wt.: 1.8 kg

Cylinder lifting handle

- No. 4206550R9** — Lifting handle accessory for “C” series, 25 ton cylinders.
- No. 4213120R9** — Lifting handle accessory for RH302, RH303, RH306 and RH306D, 30 ton cylinders.
- No. 252215** — Lifting handle accessory for RHA306, 30 ton cylinder.
- No. 4204960R9** — Lifting handle accessory for RA552 and RA554, 55 ton cylinders.
- No. 4204980R9** — Lifting handle accessory for RA1002, 100 ton cylinder.



Head inserts

Head inserts for RH Series cylinders



For Use With:	Threaded Insert Order No.
RH102, RH108	28632 3/4"-16
RH203	28612 1"-8
RH302, RH306	38904 1 1/4"-7
RH303	28644 1 1/4"-7
RH503	38855 1 5/8"-5 1/2
RH603, RH605 RH606	34251 1 5/8"-5 1/2

“Quick Change” head inserts for RT Series cylinders



Switch from a tapped hole to a plain hole quickly with these cylinder head inserts. They are held in place with a socket screw. Plain hole permits use of a speed nut for readjusting cylinder after extension.

Quick-Change Inserts		
For Use With:	Threaded Order No. *	Plain Order No.
RT172	21669	21714
RT302	21873	21872
RT503	22274	22275
RT1004	24197	24196

* Provided with cylinder

Storage box for hydraulic cylinder and pump sets

Rugged industrial strength material, strong as steel, never needs painting, won't rust, dent or chip. Weatherproof lid is self sealing and lockable. Molded-in handles and removable heavy duty utility tray. Water-tight, one piece bottom and side construction. Strong enough to stand on.

- No. 350722** – 889 mm L x 356 mm H x 242 mm W, storage box.



Foot pump conversion kit

- No. FK59** – Foot pump conversion kit for use on P55/P59 pumps. Wt., 2.7 kg.
- No. FK159B** – Foot pump conversion kit for use on P157/P159 and P300/P300D pumps. Wt., 2.7 kg.

