

BOX RIPPER SYSTEMS FOR EXCAVATORS

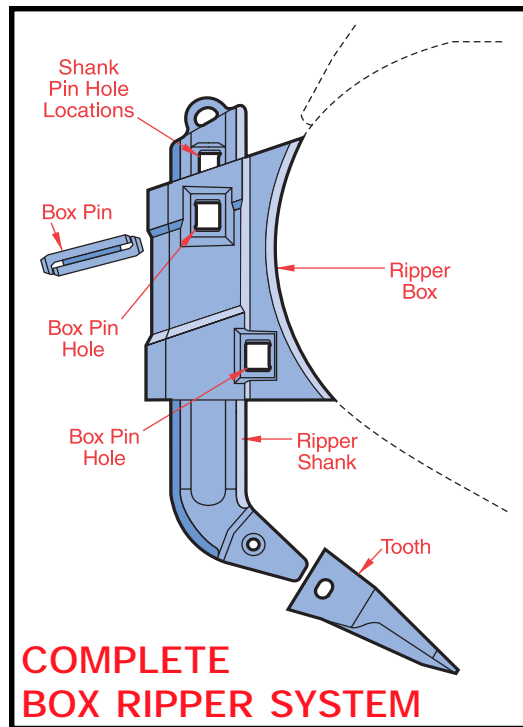
You can **break up** dense material without removing your excavator bucket by using this **updated** Box Ripper System from Hensley.

Hensley Box Ripper Systems are currently available for use on five classes of excavators.

Excavator Class	Operating Weight (Lbs.)
B200	20,000-39,000
B250	40,000-59,000
B300	60,000-84,000
B350	85,000-109,000
B400	110,000-169,000

FEATURES INCLUDE:

- High quality alloy steel castings for both box and ripper shank
- **Re-engineered** tighter fit between box and shank
- New stronger, **reusable** box pin to reduce shank movement
- Second box pin location to further eliminate shank movement on older systems
- Three pin hole locations in shank to cover greater range of bucket profiles and ripping depths
- Uses universal **Caterpillar Style** ripper teeth



TYPICAL MACHINE USAGE

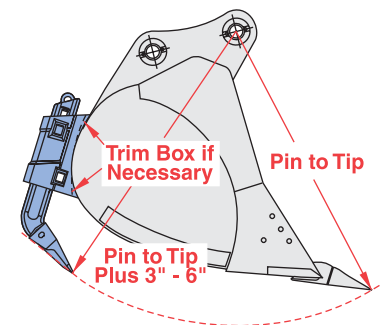
System	B200	B250	B300	B350	B400
Machine Make	Machine Model				
J.I. Case	9010B 9020B	9030 9040	9050	9060B	-
Caterpillar	311, 312 315	215, 225 320, 322	325, 330	235C	350L, 245
Daewoo	S130-3 DH170-2	DH220LC	DH280 320	DH450	-
Deere	490, 590	690, 790	892	992ELC	-
Hitachi	EX100 EX150	EX200	EX270LC 300	EX400-3 EX400LC-3	EX550 EX700
Hyundai	R130LC R180LC	R200LC	R290LC 320	R420LC R450LC	-
Kobelco	SK100 SK120 SK150	SK200, 220	SK300	SK400LC	-
Komatsu	PC120 PC150	PC200, 210, 220	PC250 300	PC400LC-5	PC650LC-5
Liebherr	-	R902, 912 922, 932	R942	R954	R964, R974
Linkbelt	2650, 2700	LS2800, 3400	LS4300	LS-5800C	-
Samsung	SE130	SE210LC	SE280LC, 350	SE450LC-2	-

INSTALLATION

Special Note: Before installing ripper box, you may wish to add plate steel to back of bucket for extra strength.

1. Assemble ripper shank and box utilizing the **middle hole** location of the shank.
2. After determining the pin-to-tip dimension on the bucket, position the ripper box on back of bucket so that ripper tooth is 3" greater than

- pin-to-tip for extreme ripping conditions or up to 6" greater for less extreme digging conditions. Tack weld box into position.
3. Remove box pin and shank.
4. Inside contour of box can be trimmed to accommodate the bucket shell radius.
5. Finish welding box into position (use E7018 rod or equivalent).



PARTS NEEDED FOR SYSTEM*

Part	System					
	200	250	300	350	350	400
Box	B200	B250	B300	B350	B350	B400
Shank	C200-12	C250-14	C300-20	C350-20	C350-22	C400-22
Box Pin	B250P	B250P	B250P	B350P	B350P	B350P
Tiger Tooth	T9J8910	T6Y0352	T9W2452	T9W2452	T366503	T366503
Tooth Fastener	9J6583P 6Y9459W	9W2678P 6Y9459W	6Y3394P 8E5559W	6Y3394P 8E5559W	6Y3909P 4T4707W	6Y3909P 4T4767W
Kit #	BK200	BK250	BK300	BK350-1	BK350-2	BK400

* A complete system may be ordered by Kit Number.

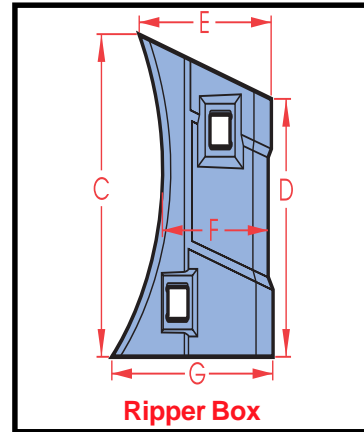


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BOX RIPPER SYSTEMS FOR EXCAVATORS

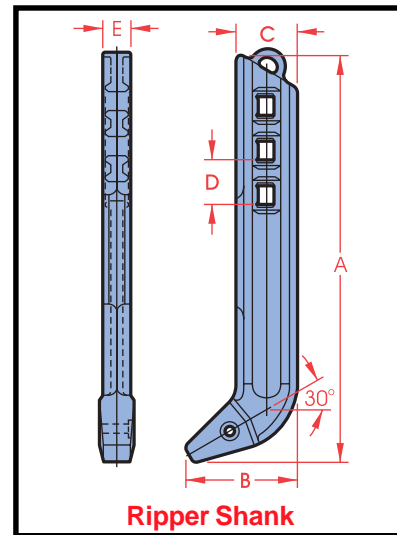
RIPPER BOXES

Box	A	B	C	D	E	F	G	Wt.
B200	6" (Typ.) (152)	2 1/2" (63)	14 7/8" (378)	11 7/8" (302)	8 9/16" (218)	6 13/16" (173)	10 1/2" (267)	55.0 (25)
B250	6" (Typ.) (152)	2 5/8" (67)	17 1/8" (435)	13 5/8" (346)	9 3/4" (248)	7 13/16" (198)	12" (305)	75.0 (34)
B300	6" (Typ.) (152)	3 1/8" (79)	19 1/8" (486)	15 5/16" (389)	11 3/16" (284)	8 3/4" (222)	13 1/2" (343)	105.0 (48)
B350	7 1/2" (Typ.) (191)	4" (102)	21 1/4" (540)	17" (432)	12 1/4" (311)	9 3/4" (248)	15" (381)	150.0 (68)
B400	7 15/16" (Typ.) (202)	5 1/4" (133)	25 1/2" (648)	20 7/16" (519)	14 3/4" (375)	11 3/4" (298)	18" (457)	245.0 (111)



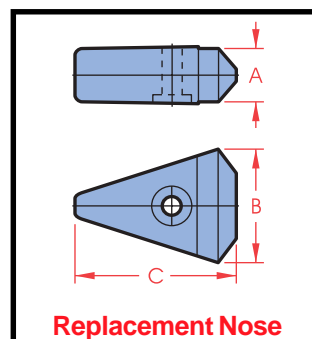
RIPPER SHANKS

Box	Shank	A	B	C	D	E	Wt.
B200	C200-12	31 3/16" (792)	8" (203)	4 13/16" (122)	3 1/2" (89)	2" (51)	65.0 (29)
B250	C250-14	36 3/4" (933)	10 1/8" (257)	5 1/2" (140)	4" (Typ.) (102)	2 1/2" (64)	95.0 (43)
B300	C300-20	41" (1041)	11 1/4" (286)	6 3/16" (157)	4 1/2" (Typ.) (114)	3" (76)	113.0 (51)
B350	C350-20	45" (1143)	11 1/8" (283)	6 7/8" (175)	5" (Typ.) (127)	3 1/8" (79)	185.0 (84)
	C350-22	46" (1168)	12 3/4" (324)	6 7/8" (175)	5" (Typ.) (127)	3 1/8" (79)	200.0 (91)
B400	C400-22	54" (1372)	13 3/4" (349)	8 1/4" (210)	6" (Typ.) (152)	3 3/4" (95)	300.0 (136)



REPLACEMENT NOSES

Weld-On Nose	For Shank#	A	B	C	Wt.
C12WN	C200-12	3" (76)	4 1/4" (108)	5 23/32" (145)	9.6 (4.4)
9W7488WN	C250-14	3" (76)	5 3/8" (137)	7 21/32" (194)	18.5 (8.4)
C20WN	C300-20 C350-20	2 15/16" (75)	6" (152)	8 13/16" (224)	24.5 (11)
C22WN	C350-22 C400-22	3 29/32" (99)	7 5/8" (194)	10 1/4" (260)	46.9 (21)



Safety First: Hensley recommends that you use a soft-faced hammer and ANSI-approved (Z87.1) eye protection while using our products.

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