

# INSERTS - BUTT FUSION

Our cast inserts have been surface-hardened for longer life. All inserts are serrated for maximum grip on the pipe. Inserts are made for one size pipe only. Other sizes are available upon request. Contact your McElroy representative.

## MINI-MC® & 1LC

BUTT FUSION INSERTS, Set = 4 inserts, screws and wrench

INSERTS	PIPE OD	PART NUMBER
<i>Inserts are required for pipe sizes less than 1" IPS or 32mm</i>		
1" CTS	1.13" (29mm)	<b>CTS07101</b>
3/4" IPS	1.05" (27mm)	<b>CTS07201</b>
25mm	0.98" (25mm)	<b>CTS09201</b>
25mm	0.98" (25mm)	<b>CTS09301</b> <sup>1</sup>
3/4" CTS	0.88" (22mm)	<b>CTS07301</b>
1/2" IPS	0.84" (21mm)	<b>CTS07401</b>
20mm	0.79" (20mm)	<b>CTS09101</b>
20mm	0.79" (20mm)	<b>CTS13501</b> <sup>1</sup>
1/2" CTS	0.63" (16mm)	<b>CTS07501</b>

## 2LC & 2CU

BUTT FUSION INSERTS, Set = 4 inserts, screws and wrench

INSERTS	PIPE OD	PART NUMBER
<i>Inserts are required for pipe sizes less than 2"</i>		
50mm	1.97" (50mm)	<b>207531</b>
1 1/2" IPS	1.90" (48mm)	<b>207515</b>
1 1/4" IPS	1.66" (42mm)	<b>207514</b>
1 1/2" CTS	1.63" (41mm)	<b>207533</b>
40mm	1.57" (40mm)	<b>207529</b>
1 1/4" CTS	1.38" (35mm)	<b>207519</b>
1" IPS	1.32" (33mm)	<b>207513</b>
32mm	1.26" (32mm)	<b>207527</b>
1" CTS	1.13" (29mm)	<b>207518</b>
3/4" IPS	1.05" (27mm)	<b>207512</b>
25mm	0.98" (25mm)	<b>207525</b>
3/4" CTS	0.88" (22mm)	<b>207517</b>
1/2" IPS	0.84" (21mm)	<b>207521</b>
20mm	0.79" (20mm)	<b>207523</b>
1/2" CTS	0.63" (16mm)	<b>207516</b>

## PIT BULL® 14

BUTT FUSION INSERTS, Set = 4 inserts

INSERTS	PIPE OD	PART NUMBER
<i>All inserts below fit in machine jaws: 4" DIPS (4.80"/122mm)</i>		
4" IPS Master	4.50" (114mm)	<b>430701</b> <sup>2</sup>
<i>All inserts below require 4" Master inserts</i>		
110mm	4.33" (110mm)	<b>410105</b>
3" DIPS	3.96" (101mm)	<b>410115</b>
90mm	3.54" (90mm)	<b>410107</b>
3" IPS	3.50" (89mm)	<b>410103</b>
75mm	2.95" (75mm)	<b>410021</b>
2 1/2" IPS	2.88" (73mm)	<b>410008</b>
63mm	2.48" (63mm)	<b>410019</b>
2" CTS	2.13" (54mm)	<b>428302</b>
2" IPS Master	2.38" (60mm)	<b>410007</b>
<i>All inserts below require 2" Master inserts</i>		
50mm	1.97" (50mm)	<b>207531</b>
1 1/2" IPS	1.90" (48mm)	<b>207515</b>
1.78" OD	1.78" (45mm)	<b>207545</b>
1 1/4" IPS	1.66" (42mm)	<b>207514</b>
1 1/2" CTS	1.63" (41mm)	<b>207533</b>
40mm	1.57" (40mm)	<b>207529</b>
1 1/4" CTS	1.38" (35mm)	<b>207519</b>
1" IPS	1.32" (34mm)	<b>207513</b>
32mm	1.26" (32mm)	<b>207527</b>

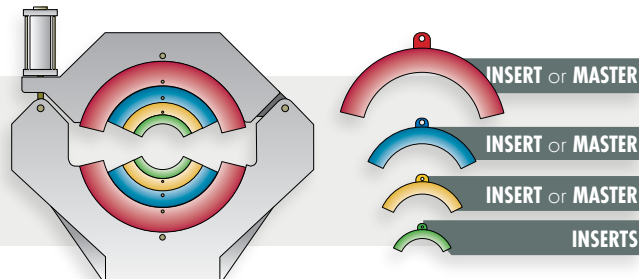
<sup>1</sup> For use in machines with 32mm jaws with (CTS08001, ACTS23303 and ACTS23304)

<sup>2</sup> Included in machine package

## PIT BULL 26

BUTT FUSION INSERTS, Set = 4 inserts

INSERTS	PIPE OD	PART NUMBER
<i>All inserts below fit in machine jaws: 6" DIPS (6.90"/175mm)</i>		
6" IPS/DIPS Master	6.63" (168mm)	<b>709307</b> <sup>2</sup>
160mm/6" DIPS	6.30" (160mm)	<b>709313</b>
<i>All inserts below fit in 180mm jaws</i>		
6" IPS/180mm Master	6.63" (168mm)	<b>709306</b> <sup>2</sup>
160mm/180mm	6.30" (160mm)	<b>709310</b>
<i>All inserts below require 6" IPS/180mm or 6" IPS/DIPS Master inserts</i>		
5" IPS	5.56" (141mm)	<b>809435</b>
140mm	5.51" (140mm)	<b>809439</b>
5 3/8" OD	5.38" (137mm)	<b>809437</b>
5 1/4" OD	5.25" (133mm)	<b>809436</b>
125mm	4.92" (125mm)	<b>809438</b>
4" DIPS	4.80" (122mm)	<b>809327</b>
4" IPS/100mm JIS	4.50" (114mm)	<b>809434</b>
110mm	4.33" (110mm)	<b>809324</b>
3" DIPS	3.96" (101mm)	<b>809326</b>
90mm	3.54" (90mm)	<b>809325</b>
3" IPS	3.50" (89mm)	<b>809323</b>
75mm	2.95" (75mm)	<b>809217</b>
63mm	2.48" (63mm)	<b>809216</b>
2" IPS	2.38" (60mm)	<b>809215</b>



## BUTT FUSION INSERTS

Not all inserts fit directly in the jaws. Some inserts nest inside other inserts called master inserts.

## ACROBAT™ 180

BUTT FUSION INSERTS, Set = 8 inserts

INSERTS	PIPE OD	4-JAW PART NUMBER
<i>All inserts below fit in machine jaws: 180mm</i>		
6" DIPS	6.9" (175mm)	<b>716834</b>
6" IPS	6.63" (168mm)	<b>716832</b>
160mm	6.3" (160mm)	<b>716830</b>
150mm	5.91" (150mm)	<b>716828</b>
5" IPS	5.56" (141mm)	<b>716814</b>
125mm	4.92" (125mm)	<b>716802</b>
4" DIPS	4.8" (122mm)	<b>716824</b>
4" IPS	4.5" (114mm)	<b>716816</b>
110mm	4.33 (110mm)	<b>716804</b>
3" DIPS	3.96" (101mm)	<b>716826</b>
100mm	3.94" (100mm)	<b>716806</b>
90mm	3.54" (90mm)	<b>716808</b>
3" IPS	3.5" (89mm)	<b>716818</b>
75mm	2.95" (75mm)	<b>716810</b>
2 1/2"	2.87" (73mm)	<b>716820</b>
63mm	2.48" (63mm)	<b>716812</b>
2"	2.37" (60mm)	<b>716822</b>

<sup>2</sup> Included in machine package

<sup>3</sup> Applicable to DynaMc machines only

## ROLLING, PIT BULL, DYNAMC® & TRACSTAR® 28

BUTT FUSION INSERTS, 2-Jaw Set = 4 inserts, 4-Jaw Set = 8 inserts

INSERTS	PIPE OD	2-JAW <sup>3</sup> PART NUMBER	4-JAW PART NUMBER
<i>All inserts below fit in machine jaws: 8" DIPS (9.05"/230mm)</i>			
225mm	8.86" (225mm)	<b>851208</b>	<b>851201</b>
8" IPS/DIPS Master	8.63" (219mm)	<b>807204</b> <sup>2</sup>	<b>807203</b> <sup>2</sup>
<i>All inserts below require 8" IPS/DIPS Master inserts</i>			
200mm	7.87" (200mm)	<b>801548</b>	<b>801511</b>
180mm / 7 1/8" OD	7.09" (180mm)	<b>801549</b>	<b>801513</b>
6" DIPS	6.90" (175mm)	<b>801550</b>	<b>801525</b>
6" IPS Master	6.63" (168mm)	<b>801547</b>	<b>801510</b>
160mm	6.30" (160mm)	<b>8078148</b>	<b>807813</b>
<i>All inserts below require 6" IPS and 8" IPS/DIPS Master inserts</i>			
5" IPS	5.56" (141mm)	<b>809435</b>	<b>809409</b>
140mm	5.51" (140mm)	<b>809439</b>	<b>809428</b>
5 3/8" OD	5.38" (137mm)	<b>809437</b>	<b>809411</b>
5 1/4" OD	5.25" (133mm)	<b>809436</b>	<b>809410</b>
125mm	4.92" (125mm)	<b>809438</b>	<b>809413</b>
4" DIPS	4.80" (122mm)	<b>809327</b>	<b>809315</b>
4" IPS / 100mm JIS	4.50" (114mm)	<b>809434</b>	<b>809408</b>
110mm	4.33" (110mm)	<b>809324</b>	<b>809305</b>
3" DIPS	3.96" (101mm)	<b>809326</b>	<b>809313</b>
90mm	3.54" (90mm)	<b>809325</b>	<b>809309</b>
3" IPS	3.50" (89mm)	<b>809323</b>	<b>809304</b>
75mm	2.95" (75mm)	<b>809217</b>	<b>809211</b>
63mm	2.48" (63mm)	<b>809216</b>	<b>809209</b>
2" IPS	2.38" (60mm)	<b>809215</b>	<b>809204</b>

## ROLLING, PIT BULL, DYNAMC® & TRACSTAR 250

BUTT FUSION INSERTS, 2-Jaw Set = 4 inserts, 4-Jaw Set = 8 inserts

INSERTS	PIPE OD	2-JAW <sup>3</sup> PART NUMBER	4-JAW PART NUMBER
<i>All inserts below fit in machine jaws: 250mm (9.84" OD)</i>			
8" IPS/250mm Master	8.63" (219mm)	<b>T2503516</b>	<b>T2503504</b>
225mm/250mm	8.86" (225mm)	<b>T2503517</b>	<b>T2503507</b>
<i>All inserts below require 8" IPS/250mm Master inserts</i>			
200mm	7.87" (200mm)	<b>801548</b>	<b>801511</b>
180mm / 7 1/8" OD	7.13" (180mm)	<b>801549</b>	<b>801513</b>
6" DIPS	6.90" (175mm)	<b>801550</b>	<b>801525</b>
6" IPS Master	6.63" (168mm)	<b>801547</b>	<b>801510</b>
160mm	6.30" (160mm)	<b>8078148</b>	<b>807813</b>
<i>All inserts below require 6" IPS and 8" IPS/250mm Master inserts</i>			
5" IPS	5.56" (141mm)	<b>809435</b>	<b>809409</b>
140mm	5.51" (140mm)	<b>809439</b>	<b>809428</b>
5 3/8" OD	5.38" (137mm)	<b>809437</b>	<b>809411</b>
5 1/4" OD	5.25" (133mm)	<b>809436</b>	<b>809410</b>
125mm	4.92" (125mm)	<b>809438</b>	<b>809413</b>
4" DIPS	4.80" (122mm)	<b>809327</b>	<b>809315</b>
4" IPS / 100mm JIS	4.50" (114mm)	<b>809434</b>	<b>809408</b>
110mm	4.33" (110mm)	<b>809324</b>	<b>809305</b>
3" DIPS	3.96" (101mm)	<b>809326</b>	<b>809313</b>
90mm	3.54" (90mm)	<b>809325</b>	<b>809309</b>
3" IPS	3.50" (89mm)	<b>809323</b>	<b>809304</b>
75mm	2.95" (75mm)	<b>809217</b>	<b>809211</b>
63mm	2.48" (63mm)	<b>809216</b>	<b>809209</b>
2" IPS	2.38" (60mm)	<b>809215</b>	<b>809204</b>

## MITERED INSERTS

See Replacement Parts & Accessories: page 19 for mitered inserts.

# INSERTS - BUTT FUSION

Our cast inserts have been surface-hardened for longer life. All inserts are serrated for maximum grip on the pipe. Inserts are made for one size pipe only. Other sizes are available upon request. Contact your McElroy representative.

## ROLLING, PIT BULL®, DYNAMC® & TRACSTAR® 412

BUTT FUSION INSERTS, Set = 8 inserts

INSERTS	PIPE OD	2-JAW PART NUMBER ③	4-JAW PART NUMBER
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All inserts below fit in machine jaws: 12" DIPS (13.20"/335mm)

12" IPS/DIPS Master	12.75" (324mm)	1203103 ②	1203102 ②
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All inserts below require 12" IPS/DIPS Master inserts

315mm	12.40" (315mm)	1211206	1211202
10" DIPS	11.10" (282mm)	1207231	1207221
280mm	11.02" (280mm)	1207230	1207205
10" IPS	10.75" (273mm)	1207229	1207204
250mm	9.84" (250mm)	1213512	1213503
8" DIPS	9.05" (230mm)	1207109	1207107
225mm	8.86" (225mm)	1207046	1207010
8" IPS	8.63" (219mm)	1207108	1207104
200mm	7.87" (200mm)	1207045	1207009
180mm / 7 1/8" OD	7.13" (180mm)	1207044	1207008
6" DIPS	6.90" (175mm)	1207048	1207020
6" IPS Master	6.63" (168mm)	1207043	1207007
160mm	6.30" (160mm)	1207047	1207011

All inserts below require 6" IPS and 12" IPS/DIPS Master inserts

5" IPS	5.56" (141mm)	809435	809409
140mm	5.51" (140mm)	809439	809428
5 3/8" OD	5.38" (137mm)	809437	809411
5 1/4" OD	5.25" (133mm)	809436	809410
125mm	4.92" (125mm)	809438	809413
4" DIPS	4.80" (122mm)	809327	809315
4" IPS / 100mm JIS	4.50" (114mm)	809434	809408
110mm	4.33" (110mm)	809324	809305

② Included in machine package

③ Applicable to DynaMc machines only

## ROLLING, PIT BULL & TRACSTAR 618

BUTT FUSION INSERTS, Set = 8 inserts

INSERTS	PIPE OD	CAST PART NUMBER	FABRICATED PART NUMBER
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All inserts below fit in machine jaws: 18" OD (457mm)

450mm	17.72" (450mm)	N/A	2418201
16" DIPS	17.40" (442mm)	2412117	N/A
16" OD	16.00" (406mm)	2412110	
400mm	15.75" (400mm)	2412111	
14" OD / 355mm	15.30" (389mm)	2412215	
355mm	14.00" (355mm)	2412206	N/A
340mm	13.39" (340mm)	2411811	
12" DIPS	13.20" (335mm)	2411826	
12" IPS Master	12.75" (324mm)	2411810	

All inserts below require 12" IPS Master inserts

315mm	12.40" (315mm)	1211202	N/A
10" DIPS	11.10" (282mm)	1207221	
280mm	11.02" (280mm)	1207205	
10" IPS	10.75" (273mm)	1207204	
250mm	9.84" (250mm)	1213503	
8" DIPS	9.05" (230mm)	1207107	
225mm	8.86" (225mm)	1207010	
8" IPS	8.63" (219mm)	1207104	
200mm	7.87" (200mm)	1207009	
180mm / 7 1/8" OD	7.13" (180mm)	1207008	
6" DIPS	6.90" (175mm)	1207020	
6" IPS Master	6.63" (168mm)	1207007	
160mm	6.30" (160mm)	1207011	

### CAST VS. FABRICATED

Fabricated inserts are constructed out of precision laser cut carbon steel and rolled components to ensure proper alignment in the jaws. They are also normally lighter weight than cast inserts.



Our cast inserts have been surface-hardened for longer life. All inserts are serrated for maximum grip on the pipe. Inserts are made for one size pipe only. Other sizes are available upon request. Contact your McElroy representative.

## TRACSTAR® 500

BUTT FUSION INSERTS, Set = 8 inserts

INSERTS	PIPE OD	CAST PART NUMBER	FABRICATED PART NUMBER
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All inserts below fit in machine jaws: 20" OD (508mm)

500mm	19.69 (500mm)	T5029803	N/A
18" DIPS	19.50 (495mm)	T5029706	
18"/20" OD Master	18.00 (457mm)	T5029703	

All inserts below fit in 500mm (19.69" OD) jaws

18" DIPS	19.50" (495mm)	T5004303	N/A
18" OD / 500mm Master	18.00" (457mm)	T5004206	

All inserts below require 18" OD/500mm Master inserts

450mm	17.72" (450mm)	N/A	2418201
16" DIPS	17.40" (442mm)	2412117	N/A
16" OD	16.00" (406mm)	2412110	
400mm	15.75" (400mm)	2412111	
14" DIPS	15.30" (389mm)	2412215	
14" OD / 355mm	14.00" (355mm)	2412206	
340mm	13.39" (340mm)	2411811	
12" DIPS	13.20" (335mm)	2411826	
12" IPS Master	12.75" (324mm)	2411810	

All inserts below require 12" IPS & 18" OD/500mm Master inserts

315mm	12.40" (315mm)	1211202	N/A
10" DIPS	11.10" (282mm)	1207221	
280mm	11.02" (280mm)	1207205	
10" IPS	10.75" (273mm)	1207204	
250mm	9.84" (250mm)	1213503	
8" DIPS	9.05" (230mm)	1207107	
225mm	8.86" (225mm)	1207010	
8" IPS	8.63" (219mm)	1207104	
200mm	7.87" (200mm)	1207009	
180mm / 7 1/8" OD	7.13" (180mm)	1207008	
6" DIPS	6.90" (175mm)	1207020	
6" IPS Master	6.63" (168mm)	1207007	
160mm	6.30" (160mm)	1207011	

## MEGAMC® 824 & TRACSTAR 630

BUTT FUSION INSERTS, Set = 8 inserts

INSERTS	PIPE OD	CAST PART NUMBER	FABRICATED PART NUMBER
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All inserts below fit in machine jaws: 24.80" (630mm)

24" OD	24.00 (610mm)	2411604 ②	N/A
22" OD	22.00 (560mm)	2411919	
20" DIPS	21.60 (549mm)	2411922	
20" OD	20.00 (508mm)	2412010	
500mm	19.69 (500mm)	2412011	
18" DIPS	19.50 (495mm)	2412023	
18" OD Master	18.00 (457mm)	2411708	

All inserts below require 18" OD Master inserts

450mm	17.72" (450mm)	N/A	2418201
16" DIPS	17.40" (442mm)	2412117	N/A
16" OD	16.00" (406mm)	2412110	
400mm	15.75" (400mm)	2412111	
14" DIPS	15.30" (389mm)	2412215	
355mm	14.00" (355mm)	2412206	
340mm	13.39" (340mm)	2411811	
12" DIPS	13.20" (335mm)	2411826	
12" IPS Master	12.75" (324mm)	2411810	

All inserts below require 12" IPS and 18" OD Master inserts

315mm	12.40" (315mm)	1211202	N/A
10" DIPS	11.10" (282mm)	1207221	
280mm	11.02" (280mm)	1207205	
10" IPS	10.75" (273mm)	1207204	
250mm	9.84" (250mm)	1213503	
8" DIPS	9.05" (230mm)	1207107	
225mm	8.86" (225mm)	1207010	
8" IPS	8.63" (219mm)	1207104	

② Included in machine package

### MITERED INSERTS

See Replacement Parts & Accessories: page 19 for mitered inserts.