



Active Alliance LLC
pipeline engineering

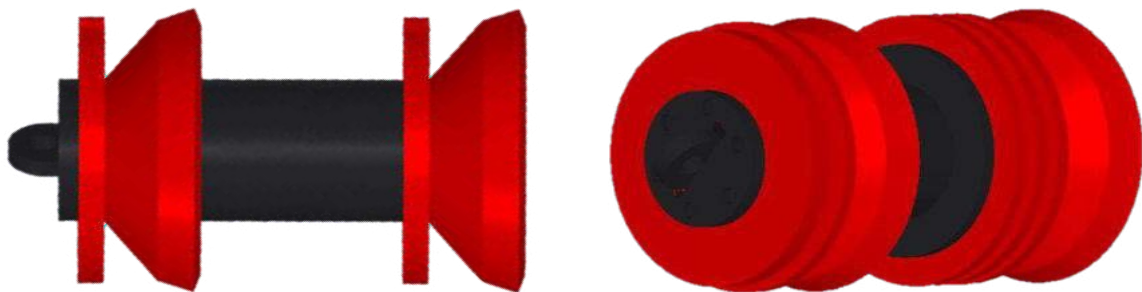
CLEANING PIGS



CLUN 4" - 32"

Cleaning pig CLUN has high maneuverability and is universal. This pig can be equipped with a soft and hard cleaning discs, or a disc with magnets to remove ferromagnetic contaminated particles, or a calibration plate to detect critical constrictions.

The configuration of this cleaning pig is made for the passage of 1.5D radius bends.

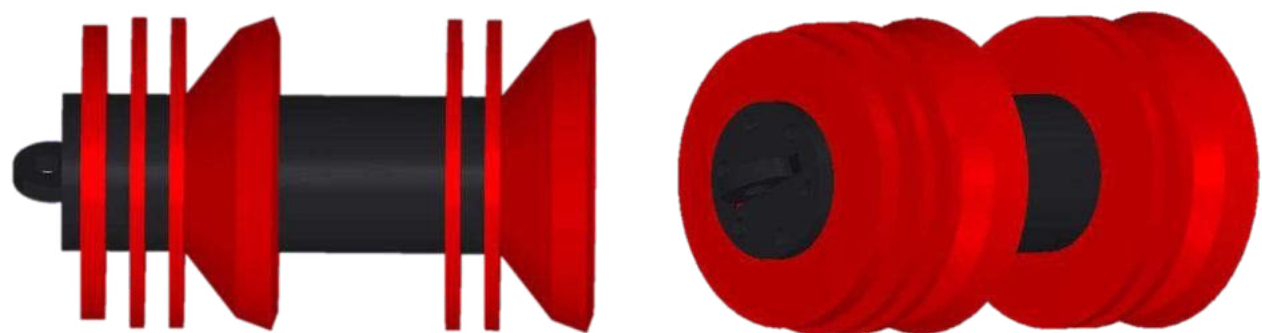


DN		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	150	110	2
6	150	230	160	5
8	200	300	215	7
10	250	382	265	10
12	300	460	320	14
14	350	535	370	16
16	400	600	420	30
18	450	685	470	60
20	500	740	520	90
22	550	830	570	140
24	600	908	620	180
26	650	1022	670	220
28	700	1054	720	290
30	750	1187	770	330
32	800	1219	820	400

CLSF 4“ - 32"

A CLSF-type cleaning pig with soft cups is used to remove a variety of mobile deposits that are formed in the pipeline after passing through CLBS and/or CLBR pigs. The configuration of this cleaning pigs is designed to make a turn with a radius of 1.5D.

The configuration of this cleaning pig is made for the passage of 1.5D radius bends.

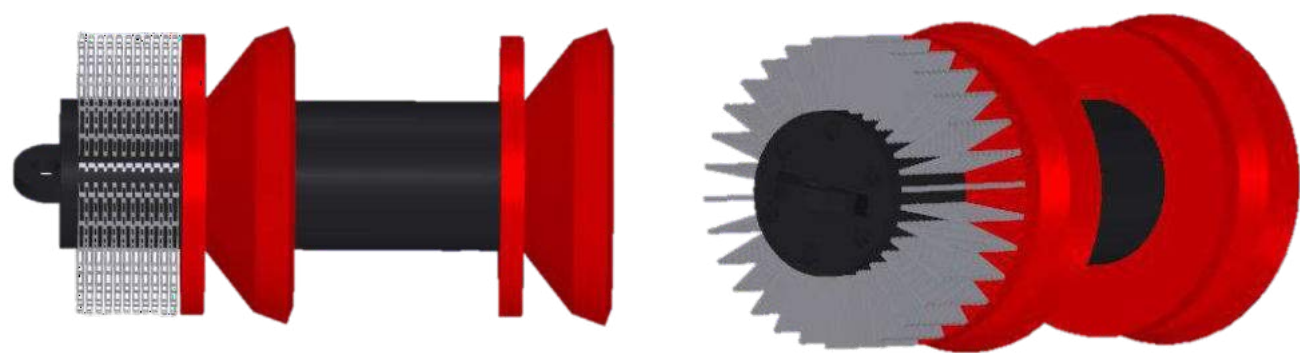


DN		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	150	110	2,5
6	150	230	160	6
8	200	300	215	8
10	250	382	265	12
12	300	460	320	16
14	350	535	370	22
16	400	600	420	37
18	450	685	470	57
20	500	740	520	100
22	550	830	570	161
24	600	908	620	207
26	650	1022	670	253
28	700	1054	720	333
30	750	1187	770	380
32	800	1219	820	460

CLBR 4" - 32"

The cleaning pig of the CLBR type with radial brushes is designed to remove soft moving sediments and tear off deposits of medium density from the inner wall of the pipeline.

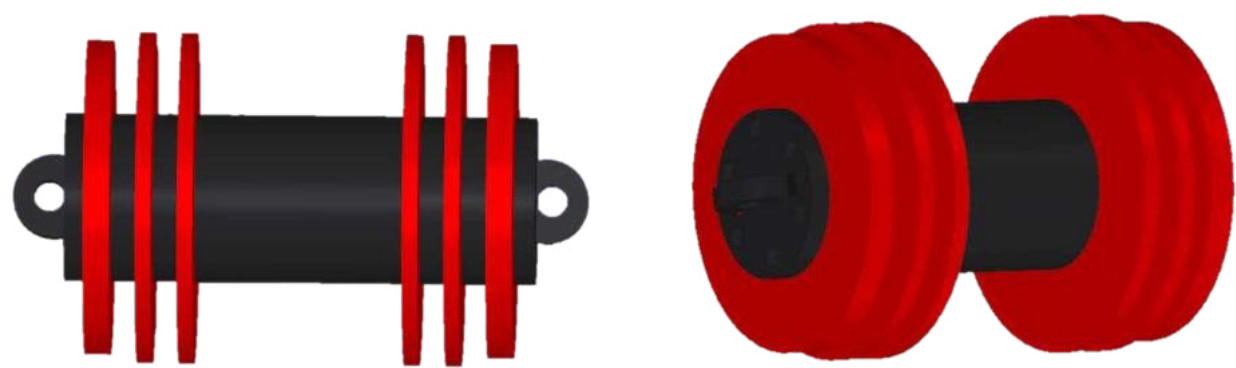
The configuration of this cleaning pig is made for the passage of 1.5D radius bends.



		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	150	110	2,5
6	150	230	160	6
8	200	300	265	18
10	250	382	265	17
12	300	460	320	29
14	350	535	370	39
16	400	600	420	48
18	450	685	470	57
20	500	740	520	98
22	550	830	570	152
24	600	908	620	190
26	650	1022	670	240
28	700	1054	720	315
30	750	1187	770	360
32	800	1219	820	437

BDSF 4" - 32"

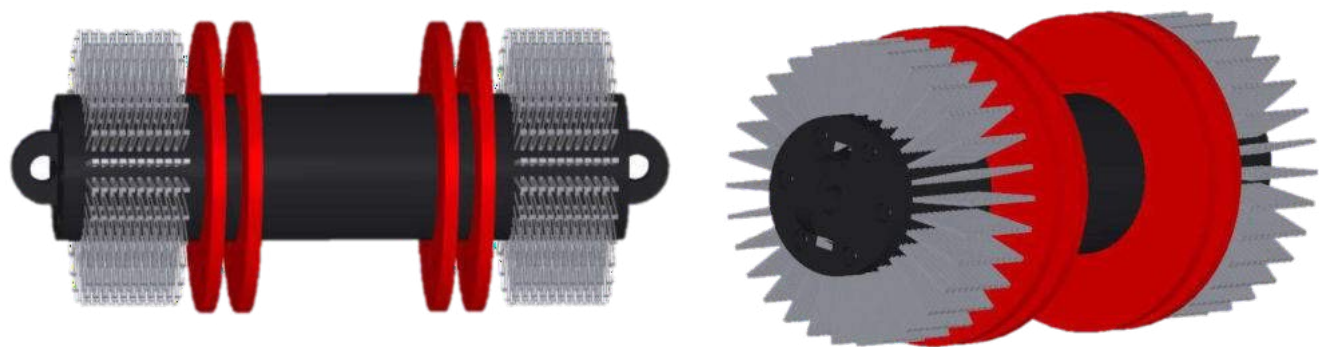
Cleaning pigs are used for mid-density debris removing. This type of pig is able to run in both forward and opposite direction. The configuration of this cleaning pig is made for the passage of 1.5D radius bends.



DN		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	150	110	2,5
6	150	230	160	7
8	200	300	215	11
10	250	382	265	19
12	300	460	320	23
14	350	535	370	25
16	400	600	420	30
18	450	685	470	42
20	500	740	520	95
22	550	830	570	147
24	600	908	620	190
26	650	1022	670	230
28	700	1054	720	290
30	750	1187	770	340
32	800	1219	820	400

BDBR 4" - 32"

Cleaning pigs of BDBR type is used for low- and mid-density debris removing. This type of pig is able to run in both forward and opposite direction. The configuration of this cleaning pig is made for the passage of 1.5D radius bends.

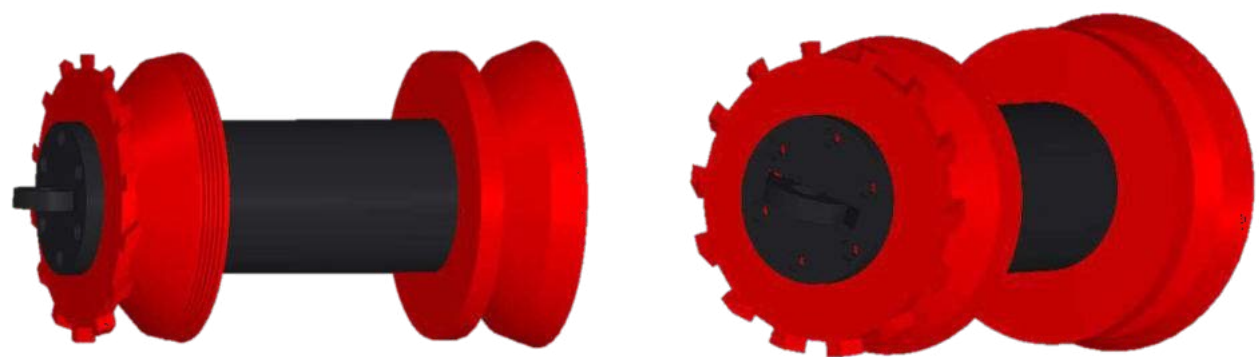


		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	150	110	3
6	150	230	160	8
8	200	300	215	12
10	250	382	265	20
12	300	460	320	24
14	350	535	370	26
16	400	600	420	33
18	450	685	470	44
20	500	740	520	110
22	550	830	570	160
24	600	908	620	226
26	650	1022	670	276
28	700	1054	720	364
30	750	1187	770	410
32	800	1219	820	500

CLCR 4" - 32"

Cleaning pig of CLCR type (cleaning, equipped with a cutting disk) is used for removing of high-density debris and used for aggressive cleaning of pipelines with a huge amount of mazut and paraffin debris.

The configuration of this cleaning pig is made for the passage of 1.5D radius bends.



DN		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	150	110	1.5
6	150	230	160	4
8	200	300	215	7
10	250	382	265	10
12	300	460	320	14
14	350	535	370	16
16	400	600	420	24
18	450	685	470	36
20	500	740	520	88
22	550	830	570	137
24	600	908	620	176
26	650	1022	670	215
28	700	1054	720	284
30	750	1187	770	323
32	800	1219	820	392

BDCR 4" - 32"

Cleaning pigs BDCR (Bi-directional, equipped with a threaded disk) are used for mid- and high-density debris removing. This type of pig is able to run in both forward and opposite direction throughout a pipeline. The configuration of this cleaning pig is made for the passage of 1.5D radius bends.

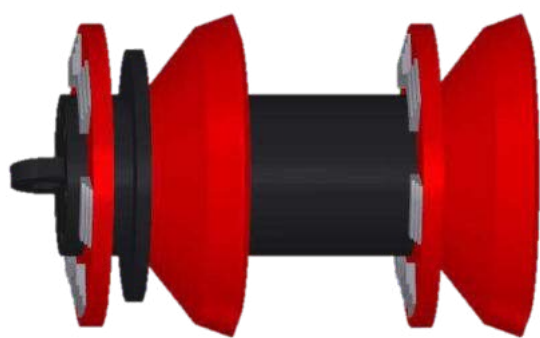


		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	150	110	3
6	150	230	160	7
8	200	300	215	12
10	250	382	265	20
12	300	460	320	24
14	350	535	370	26
16	400	600	420	33
18	450	685	470	54
20	500	740	520	93
22	550	830	570	145
24	600	908	620	185
26	650	1022	670	228
28	700	1054	720	300
30	750	1187	770	340
32	800	1219	820	410

CLMS 4"- 32"

A CLMS-type cleaning pig is used during an aggressive cleaning program to remove solid deposits and / or large amounts of oil and paraffin-like contaminants of high density.

The configuration of this cleaning pig is made for the passage of 1.5D radius bends.

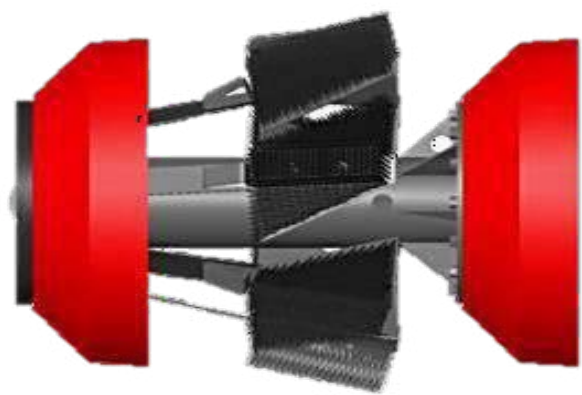


DN		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	-	-	-
6	150	-	-	-
8	200	300	215	9
10	250	382	265	16
12	300	460	320	25
14	350	535	370	30
16	400	600	420	41
18	450	685	470	60
20	500	740	520	95
22	550	830	570	150
24	600	908	620	190
26	650	1022	670	235
28	700	1054	720	310
30	750	1187	770	353
32	800	1219	820	425

CLBS 4"- 32"

Lightweight cleaning pig with metal segment brushes is designed to remove soft mobile deposits and tear off hard deposits from the inner wall of the pipeline.

The configuration of this cleaning pig is made for the passage of 1.5D radius bends.



DN		Length, mm	Diameter, mm	Weight, kg
Inches	mm			
4	100	-	-	-
6	150	-	-	-
8	200	300	215	14
10	250	382	265	20
12	300	460	320	25
14	350	535	370	35
16	400	600	420	60
18	450	685	470	90
20	500	740	520	120
22	550	830	570	164
24	600	908	620	230
26	650	1022	670	260
28	700	1054	720	300
30	750	1187	770	390
32	800	1219	820	450

REPLACEMENT PARTS

CUFFS

- The CC type cleaning cuff is used as an effective driving element for the cleaning piston. It can combine both a compression and thus a driving function and a cleaning function (depending on the modification). This type of cuff is universal and works equally well for cleaning all types of pipelines.



SUPPORT AND CLEANING DISKS

The CL type support disk is used as a support for the cleaning piston during movement and when passing through branches and tees. It is made of high-density polyurethane in the size of 98-99% of the internal diameter of the pipeline. The SF type cleaning disk is used to clean deposits in the pipeline. It is made of polyurethane of medium density in internal in the amount of 103-105% of the pipeline diameter for providing effective deposits cleaning.

These types of disks are universal and work equally well for cleaning all types of pipelines.

