

Ball Valves

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Clamps

Clamps



PREF

PREFORMED CLAMPS

HIGH-STRENGTH GALV. CARBON STEEL - 5/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
PREF-4	1	100
PREF-5	1-1/4	100
PREF-6	1-1/2	100
PREF-7	1-3/4	100
PREF-8	2	100
PREF-9	2-1/4	100
PREF-10	2-1/2	50
PREF-11	2-3/4	50
PREF-12	3	50
PREF-14	3-1/2	50
PREF-16	4	25
PREF-18	4-1/2	25
PREF-20	5	25
PREF-24	6	25
PREF-28	7	25
PREF-32	8	25

201-STEEL - 3/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
PREF-3	13/16	100
PREF-311	1-3/8	100

STAINLESS STEEL - 5/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
PREF-4S	1	100
PREF-5S	1-1/4	100
PREF-6S	1-1/2	100
PREF-7S	1-3/4	100
PREF-8S	2	100
PREF-9S	2-1/4	100
PREF-10S	2-1/2	50
PREF-11S	2-3/4	50
PREF-12S	3	50
PREF-14S	3-1/2	50
PREF-16S	4	25
PREF-18S	4-1/2	25
PREF-20S	5	25
PREF-24S	6	25

STAINLESS STEEL - 3/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
PREF-3S	13/16	100
PREF-311S	1-3/8	100



OPEN

OPEN END CLAMPS

STEEL - 5/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
OPEN-8	2	100
OPEN-10	2-1/2	50
OPEN-12	3	50
OPEN-14	3-1/2	50
OPEN-16	4	25
OPEN-18	4-1/2	25
OPEN-20	5	25
OPEN-24	6	25
OPEN-28	7	25
OPEN-32	8	25
OPEN-36	9	25
OPEN-40	10	25
OPEN-48	12	25

STEEL - 3/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
OPEN-311	1-3/8	100
OPEN-316	2	100
OPEN-325	3-3/8	100

* 10% surcharge on non-standard box quantities.

STAINLESS STEEL - 5/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
OPEN-8S	2	100
OPEN-10S	2-1/2	50
OPEN-12S	3	50
OPEN-14S	3-1/2	50
OPEN-16S	4	25
OPEN-18S	4-1/2	25
OPEN-20S	5	25
OPEN-24S	6	25
OPEN-28S	7	25
OPEN-32S	8	25
OPEN-36S	9	25
OPEN-40S	10	25
OPEN-48S	12	25

STAINLESS STEEL - 3/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
OPEN-311S	1-3/8	100
OPEN-316S	2	100
OPEN-325S	3-3/8	100

* 10% surcharge on non-standard box quantities.

Clamps

Clamps



STRAPPING AND BUCKLES

STRAPPING

Parts No.	Size Inches	Gauge Inches
STRP-203	3/8	.025
STRP-204	1/2	.030
STRP-205	5/8	.030
STRP-206	3/4	.030

BUCKLES

Parts No.	Size Inches	Gauge Inches
BUK-253	3/8	.025
BUK-254	1/2	.030
BUK-255	5/8	.030
BUK-256	3/4	.030

TOOLS



PB-001 BANDING TOOL
PART NUMBER: TOOL-001



CENTRE PUNCH LOCKING TOOL (NO MALLET)
PART NUMBER: PLP-1



P38 CENTRE PUNCH LOCKING TOOL
PART NUMBER: PLP-38



CENTRE PUNCH LOCKING TOOL
PART NUMBER: P-1000



MH

MH GEAR CLAMPS

For use in applications where space is limited. Not recommended for underground applications. 1/4" slotted HEX head screw & 5/16" wide band. 301 stainless steel band and housing. Carbon steel screw.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
MH-4	10	1000	7/32	7/16	5/8
MH-5	10	1000	7/16	1/2	11/16
MH-6	10	1000	5/16	5/8	7/8
MH-8	10	1000	7/16	3/4	1
MH-10	10	1000	1/2	3/4	1-1/16
MH-12	10	500	9/16	13/16	1-1/4
MH-16	10	500	11/16	1-1/16	1-1/2
MH-20	10	500	7/8	1-5/16	1-3/4
MH-24	10	500	1-5/16	1-5/8	2
MH-28	10	500	1-9/16	1-7/8	2-1/4
MH-32	10	500	1-13/16	2-1/8	2-1/2
MH-36	10	500	2-1/16	1-7/16	2-3/4



MAS-6

MAH & MAS GEAR CLAMPS

For use in corrosive applications where space is limited. Recommended for underground applications.

MAH- 1/4" slotted HEX head screw & 5/16" wide band. 301 stainless steel band and housing. 410 stainless steel screw.

MAS- 1/4" slotted HEX head screw & 5/16" wide band. 301 stainless steel band, housing and screw.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
MAS-4	10	1000	7/32	7/16	5/8
MAS-6	10	1000	5/16	5/8	7/8
MAH-4	10	1000	7/32	7/16	5/8
MAH-6	10	1000	5/16	5/8	7/8
MAH-8	10	1000	7/16	3/4	1
MAH-10	10	1000	1/2	3/4	1-1/16
MAH-12	10	500	9/16	13/16	1-1/4
MAH-16	10	500	11/16	1-1/16	1-1/2
MAH-20	10	500	7/8	1-5/16	1-3/4
MAH-24	10	500	1-5/16	1-5/8	2
MAH-28	10	500	1-9/16	1-7/8	2-1/4
MAH-32	10	500	1-13/16	2-1/8	2-1/2
MAH-36	10	500	2-1/16	1-7/16	2-3/4

Clamps



HS

HS GEAR CLAMPS

General service gear clamps for use in OEM applications, manufacturing and jobsite repairs.

Not recommended for underground applications.

5/16" HEX slotted carbon steel screw.

1/2" 201 stainless steel band.

301 stainless steel housing.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
HS-6	10	500	3/8	7/16	7/8
HS-8	10	500	7/16	1/2	1
HS-10	10	500	9/16	5/8	1-1/16
HS-12	10	500	9/16	3/4	1-1/4
HS-16	10	500	11/16	1	1-1/2
HS-20	10	500	3/4	1-1/4	1-3/4
HS-24	10	500	1-1/16	1-1/2	2
HS-28	10	500	1-5/16	1-3/4	2-1/4
HS-32	10	400	1-9/16	2	2-1/2
HS-36	10	400	1-13/16	2-1/4	2-3/4
HS-40	10	400	2-1/16	2-1/2	3
HS-44	10	400	2-5/16	2-3/4	3-1/4
HS-48	10	300	2-9/16	3	3-1/2
HS-52	10	300	2-13/16	3-1/4	3-3/4
HS-56	10	300	3-1/16	3-1/2	4
HS-60	10	200	3-5/16	3-3/4	4-1/4
HS-64	10	100	2-1/2	3-1/2	4-1/2
HS-72	10	100	3	4	5
HS-80	10	100	3-1/2	4-1/2	5-1/2
HS-84	10	100	3-3/4	4-3/4	5-3/4
HS-88	10	100	4	5	6
HS-96	10	100	4-1/2	6	6-1/2
HS-104	10	100	5	6-1/2	7
HS-116	1	100	5-3/4	7	7-3/4
HS-128	1	100	6-1/2	8	8-1/2
HS-152	1	100	2	6	10
HS-164	1	100	1-3/4	6-1/4	10-3/4
HS-188	1	100	2-1/16	7-3/16	12-1/4
HS-200	1	100	11	12-1/2	13
HS-212	1	100	11-3/4	13-1/4	13-3/4
HS-224	1	100	12-1/2	14	14-1/2
HS-236	1	100	13-1/4	14-3/4	15-1/4
HS-248	1	100	1-3/4	8-7/8	16
HS-270	1	100	15-3/8	16-5/8	17-3/8
HS-312	1	100	18	19-1/2	20
HS-390	1	100	14-5/8	24	25



HAS

HAS GEAR CLAMPS

All stainless gear clamps for use in OEM applications, manufacturing and jobsite repairs.

Not recommended for underground applications.
 5/16" HEX slotted 305 stainless steel screw.
 1/2" 301 stainless steel band.
 301 stainless steel housing.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
HAS-6	10	500	3/8	7/16	7/8
HAS-8	10	500	7/16	1/2	1
HAS-10	10	500	9/16	5/8	1-1/16
HAS-12	10	500	9/16	3/4	1-1/4
HAS-16	10	500	11/16	1	1-1/2
HAS-20	10	500	3/4	1-1/4	1-3/4
HAS-24	10	500	1-1/16	1-1/2	2
HAS-28	10	500	1-5/16	1-3/4	2-1/4
HAS-32	10	400	1-9/16	2	2-1/2
HAS-36	10	400	1-13/16	2-1/4	2-3/4
HAS-40	10	400	2-1/16	2-1/2	3
HAS-44	10	400	2-5/16	2-3/4	3-1/4
HAS-48	10	300	2-9/16	3	3-1/2
HAS-52	10	300	2-13/16	3-1/4	3-3/4
HAS-56	10	300	3-1/16	3-1/2	4
HAS-60	10	200	3-5/16	3-3/4	4-1/4
HAS-64	10	100	2-1/2	3-1/2	4-1/2
HAS-72	10	100	3	4	5
HAS-80	10	100	3-1/2	4-1/2	5-1/2
HAS-84	10	100	3-3/4	4-3/4	5-3/4
HAS-88	10	100	4	5	6
HAS-96	10	100	4-1/2	6	6-1/2
HAS-104	10	100	5	6-1/2	7
HAS-116	1	100	5-3/4	7	7-3/4
HAS-128	1	100	6-1/2	8	8-1/2
HAS-152	1	100	2	6	10
HAS-164	1	100	1-3/4	6-1/4	10-3/4
HAS-188	1	100	2-1/16	7-3/16	12-1/4
HAS-200	1	100	11	12-1/2	13
HAS-212	1	100	11-3/4	13-1/4	13-3/4
HAS-224	1	100	12-1/2	14	14-1/2
HAS-236	1	100	13-1/4	14-3/4	15-1/4
HAS-248	1	100	1-3/4	8-7/8	16
HAS-270	1	100	15-3/8	16-5/8	17-3/8
HAS-312	1	100	18	19-1/2	20
HAS-390	1	100	14-5/8	24	25

Clamps



ET

ETM & ET GEAR CLAMPS

Shielded gear clamps used to seal silicone hoses without cutting the soft cover. Available in narrow and wide band.

301 stainless band & housing. Carbon steel screw.

ETM- 1/4" HEX slotted screw, 5/16" wide band.

ET- 5/16" HEX slotted screw, 1/2" wide band.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
ETM-4	10	1000	5/16	7/16	9/16
ETM-6	10	1000	9/16	11/16	7/8
ETM-12	500	500	13/16	1-1/8	1-5/16
ET-8	10	500	5/8	1/2	13/16
ET-10	10	500	9/16	13/16	1-1/16
ET-12	10	500	11/16	1	1-5/16
ET-16	10	500	3/4	1-1/8	1-1/2
ET-20	10	500	1-3/8	1-5/8	1-13/16
ET-24	10	500	1-1/2	1-3/4	2
ET-28	10	500	1-3/4	2	2-1/4
ET-32	10	400	2	2-1/4	2-1/2
ET-36	10	400	1-13/16	2-1/4	2-3/4
ET-40	10	400	2-1/6	2-9/16	3-1/16
ET-44	10	400	2-5/16	2-3/4	3-1/4
ET-48	10	300	2-9/16	3-1/16	3-9/16
ET-56	10	100	3-1/8	3-5/8	4-1/6
ET-60	10	100	3-5/16	3-1/4	4-1/4
ET-64	10	100	3-9/16	4	4-1/2



LAS

LAS (QUICK RELEASE) GEAR CLAMPS

Quick release are used in applications where a hose is continuously removed and reassembled on the fitting.

5/16" HEX slotted head screw & 9/16" wide band.

301 stainless steel band & housing. 410 stainless steel screw.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
LAS-36	10	100	1	2-1/4	2-3/4
LAS-48	10	100	1-1/2	3	3-1/2
LAS-56	10	100	1	3-1/2	4
LAS-72	10	100	2	4-1/2	5
LAS-88	10	100	2-1/16	5-1/2	6
LAS-96	10	100	3-1/2	6	6-9/16
LAS-104	10	100	1-3/4	6-1/2	7
LAS-128	10	100	1-3/4	8	8-9/16
LAS-152	10	100	2	9-1/2	10
LAS-188	10	100	2-1/6	11-3/4	12-5/16
LAS-216	10	100	10-3/16	13-1/2	14
LAS-248	10	100	1-3/4	14	16
LAS-280	10	100	14-1/4	17-1/2	18
LAS-312	10	100	1-7/8	11	20



359-006

ALL 316 STAINLESS STEEL GEAR CLAMPS

Recommended for underground, marine and highly corrosive environments.

- 359-** 1/4" HEX slotted screw, 5/16" wide band
665- 5/16" HEX slotted screw, 1/2" wide band

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
359-004	10	1000	7/32	7/16	5/8
359-006	10	1000	5/16	5/8	7/8
665-010	10	500	9/16	13/16	1-1/16
665-012	10	500	9/16	15/16	1-5/16
665-016	10	500	11/16	1	1-1/2
665-020	10	500	3/4	1-1/4	1-3/4
665-024	10	500	1-1/16	1-1/2	2
665-028	10	500	1-5/16	1-3/4	2-1/4
665-032	10	400	1-9/16	2	2-1/2
665-036	10	400	1-13/16	2-1/4	2-3/4
665-044	10	400	2-5/16	2-3/4	3-1/4
665-052	10	300	2-13/16	3-1/4	3-3/4
665-060	10	200	3-5/16	3-3/4	4-1/4
665-072	10	200	4-1/6	4-1/2	5
665-088	10	200	4-1/8	5-1/6	5
665-104	10	100	5	6-1/2	7



OET

OETIKER 2 EAR CLAMPS

Zinc plated two ear clamps used for OEM, automotive and field repairs for hoses.

Please note: Check the hose O.D. before ordering.

Parts No.	Normal Size	Inside Dia. Inches		Standard Box Quantities
		Closed	Open.	
OET-0041	5/32	.122	.161	100
OET-0045	11/64	.138	.177	100
OET-0305	3/16	.118	.197	100
OET-0507	1/4	.197	.276	100
OET-0709	5/16	.276	.354	100
OET-0811	3/8	.315	.433	100
OET-1113	1/2	.433	.512	100
OET-1315	9/16	.512	.591	100
OET-1517	19/32	.591	.669	100
OET-1518	5/8	.591	.708	100
OET-1720	3/4	.669	.787	100
OET-1922	13/16	.748	.866	100
OET-2023	7/8	.787	.905	100
OET-2225	15/16	.866	.984	100
OET-2327	1	.905	1.063	100
OET-2528	1-1/16	.984	1.012	100
OET-2731	1-1/8	1.063	1.220	100
OET-3134	1-5/16	1.220	1.339	100
OET-3740	1-1/2	1.457	1.575	100
OET-4043	1-5/8	1.575	1.693	100
OET-4346	1-3/4	1.693	1.811	100

Narrow width clamps, 3-ear clamps, twin clamps, stainless steel clamps, clamp kits, and other special tools and fittings are available. Prices on request.

Clamps

Clamps



OETIKER PINCERS

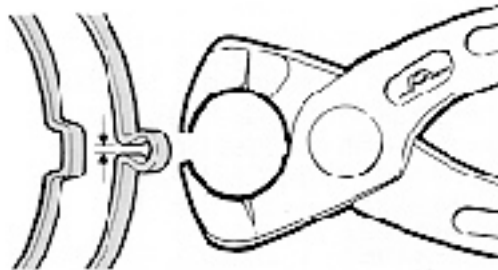
Used for Oetiker one ear, two ear and stepless clamps.

1098 STANDARD "STRAIGHT-JAW" PINCERS
PART NUMBER: OET-1098



1099 SIDE JAW PINCERS
PART NUMBER: OET-1099

INSTALLATION





TBOLTC

CARBON STEEL T-BOLT CLAMPS

Carbon Steel T-Bolt clamps have a wide variety of uses such as hydraulic suction and discharge and suction hose assemblies. These clamps are used where gear clamps do not provide adequate strength. They have a large size range and are tightened with a standard socket wrench. The band has a beveled edge which helps to prevent damage to the hose cover when tightened.

Please note: Check the hose O.D. before ordering

Parts No.	Size Range Inches	
	From	To
TBOLTC- 17-19	22/32	24/32
TBOLTC- 20-22	25/32	28/32
TBOLTC- 23-25	29/32	1
TBOLTC- 26-28	1-1/32	1-3/32
TBOLTC- 29-31	1-5/32	1-7/32
TBOLTC- 32-35	1-9/32	1-12/32
TBOLTC- 36-39	1-13/32	1-17/32
TBOLTC- 40-43	1-18/32	1-22/32
TBOLTC- 44-47	1-23/32	1-27/32
TBOLTC- 48-51	1-28/32	2
TBOLTC- 52-55	2-2/32	2-5/32
TBOLTC- 56-59	2-7/32	2-10/32
TBOLTC- 60-63	2-11/32	2-15/32
TBOLTC- 64-67	2-17/32	2-20/32
TBOLTC- 68-73	2-22/32	2-28/32
TBOLTC- 74-79	2-29/32	3-3/32
TBOLTC- 80-85	3-5/32	3-10/32
TBOLTC- 86-91	3-12/32	3-18/32
TBOLTC- 92-97	3-20/32	3-26/32
TBOLTC- 98-103	3-27/32	4-2/32
TBOLTC- 104-112	4-3/32	4-12/32
TBOLTC- 113-121	4-14/32	4-24/32
TBOLTC- 122-130	4-25/32	5-4/32
TBOLTC- 131-139	5-4/32	5-16/32
TBOLTC- 140-148	5-16/32	5-28/32
TBOLTC- 149-161	5-28/32	6-12/32
TBOLTC- 162-174	6-12/32	6-28/32
TBOLTC- 175-187	6-28/32	7-12/32
TBOLTC- 188-200	7-12/32	7-28/32
TBOLTC- 201-213	7-28/32	8-12/32
TBOLTC- 214-226	8-12/32	8-28/32
TBOLTC- 227-239	8-28/32	9-12/32
TBOLTC- 240-252	9-12/32	9-28/32

Clamps



TBOLTS

STAINLESS STEEL T-BOLT CLAMPS - 302 S.S.

Stainless Steel T-Bolt clamps are used where there is risk of corrosion such as marine, coolant and food applications. These clamps are used where gear clamps do not provide adequate strength. They have a large size range and are tightened with a standard socket wrench. The band has a beveled edge which helps to prevent damage to the hose cover when tightened.

Please note: Check the hose O.D. before ordering.

Parts No.	Size Range Inches	
	From	To
TBOLTS- 17-19	22/32	24/32
TBOLTS- 20-22	25/32	28/32
TBOLTS- 23-25	29/32	1
TBOLTS- 26-28	1-1/32	1-3/32
TBOLTS- 29-31	1-5/32	1-7/32
TBOLTS- 32-35	1-9/32	1-12/32
TBOLTS- 36-39	1-13/32	1-17/32
TBOLTS- 40-43	1-18/32	1-22/32
TBOLTS- 44-47	1-23/32	1-27/32
TBOLTS- 48-51	1-28/32	2
TBOLTS- 52-55	2-2/32	2-5/32
TBOLTS- 56-59	2-7/32	2-10/32
TBOLTS- 60-63	2-11/32	2-15/32
TBOLTS- 64-67	2-17/32	2-20/32
TBOLTS- 68-73	2-22/32	2-28/32
TBOLTS- 74-79	2-29/32	3-3/32
TBOLTS- 80-85	3-5/32	3-10/32
TBOLTS- 86-91	3-12/32	3-18/32
TBOLTS- 92-97	3-20/32	3-26/32
TBOLTS- 98-103	3-27/32	4-2/32
TBOLTS- 104-112	4-3/32	4-12/32
TBOLTS- 113-121	4-14/32	4-24/32
TBOLTS- 122-130	4-25/32	5-4/32
TBOLTS- 131-139	5-5/32	5-15/32
TBOLTS- 140-148	5-16/32	5-26/32
TBOLTS- 149-161	5-28/32	6-11/32
TBOLTS- 162-174	6-12/32	6-27/32
TBOLTS- 227-239	8-30/32	9-13/32



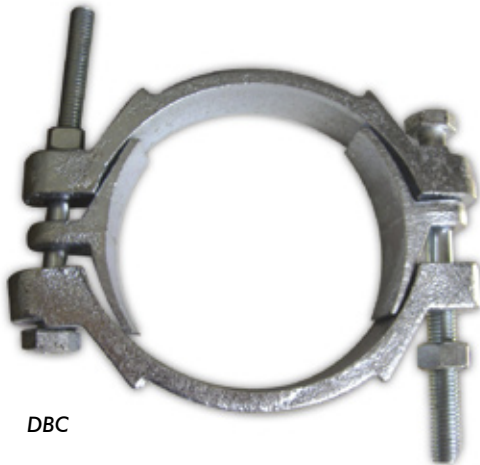
PLCR

POWERLOCK CLAMPS

Powerlock clamps are for use on PVC suction hoses with a convoluted cover. These fittings come in two different configurations. Left hand and right hand spiral. To determine which style is required look at the end of the hose: if the spiral helix runs in a clockwise direction (to the right), a right hand clamp is required. If the helix runs counter clockwise (to the left), a counter clockwise or left hand clamp should be used. These clamps are manufactured from plated steel. The spiral steel fits between the helices and creates a seal when tightened.

Kuritec - counter clockwise (left hand). Kanaflex, Pac Echo - clockwise (right hand).

Parts No. Left	Parts No. Right	Hose I.D. Inches
PLCL-1.5	PLCR-1.5	1-1/2
PLCL-2	PLCR-2	2
PLCL-2.5	PLCR-2.5	2-1/2
PLCL-3	PLCR-3	3
PLCL-4	PLCR-4	4
PLCL-5	PLCR-5	5
PLCL-6	PLCR-6	6
PLCL-8	PLCR-8	8
PLCL-10	PLCR-10	10



DBC

DOUBLE BOLT CLAMPS

Double bolt clamps are made of plated ductile iron. They are ideal for hose assemblies made on site. They are strong, durable and reusable.

Parts No.	Fits Hose O.D From Inches	To Inches
DBC-400	3-1/2	4
DBC-463	4-1/16	4-7/16
DBC-525	4-3/16	5
DBC-550	5	5-1/2
DBC-600	5-1/2	6-1/16
DBC-675	6-1/8	6-7/8
DBC-769	6-15/16	7-5/8
DBC-818	7-11/16	8-3/16
DBC-875	8-1/4	8-7/8
DBC-988	8-15/16	9-7/8
DBC-1125	9-15/16	11-3/8
DBC-1275	11-3/16	13

Couplings & Clamps



GJCL - 2 BOLT CLAMPS

HIGH PRESSURE INTERLOCKING CLAMPS

2-BOLT CLAMPS

Parts No.	Hose I.D. Inches	Hose O.D. Inches From	Hose O.D. Inches To
GJCL-4	1/2	60/64	1-4/64
GJCL-U9	3/4	1-12/64	1-20/64



GJCL - 4 BOLT CLAMPS

4-BOLT CLAMPS

Parts No.	Hose I.D. Inches	Hose O.D. Inches From	Hose O.D. Inches To
GJCL-U14	1	1-32/64	1-44/64
GJCL-19	1-1/4	2-4/64	2-16/64
GJCL-U24	1-1/2	2-12/64	2-24/64
GJCL-U29	2	2-32/64	2-50/64
GJCL-34	2-1/2	3-32/64	3-60/64
GJCL-35	3	3-52/64	4-4/64