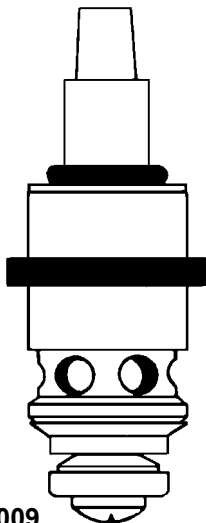


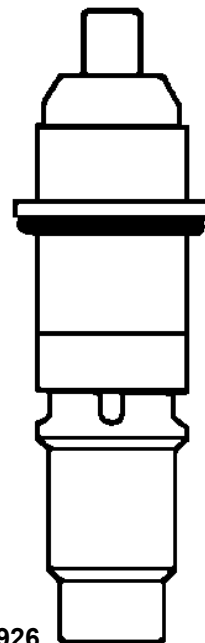
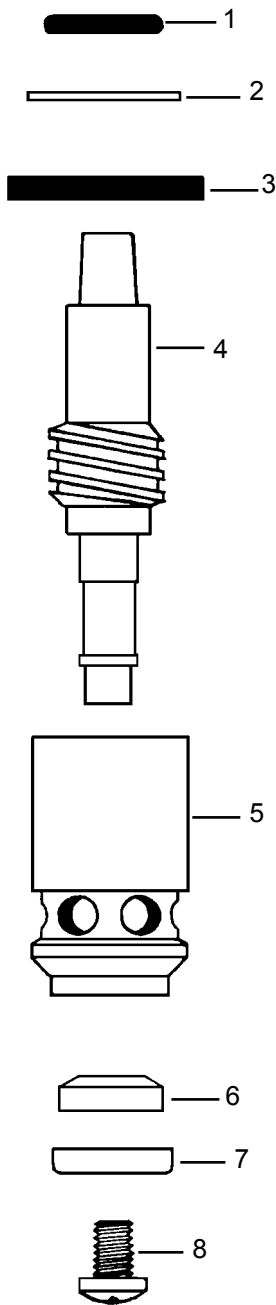
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Flo-Cloz assembly



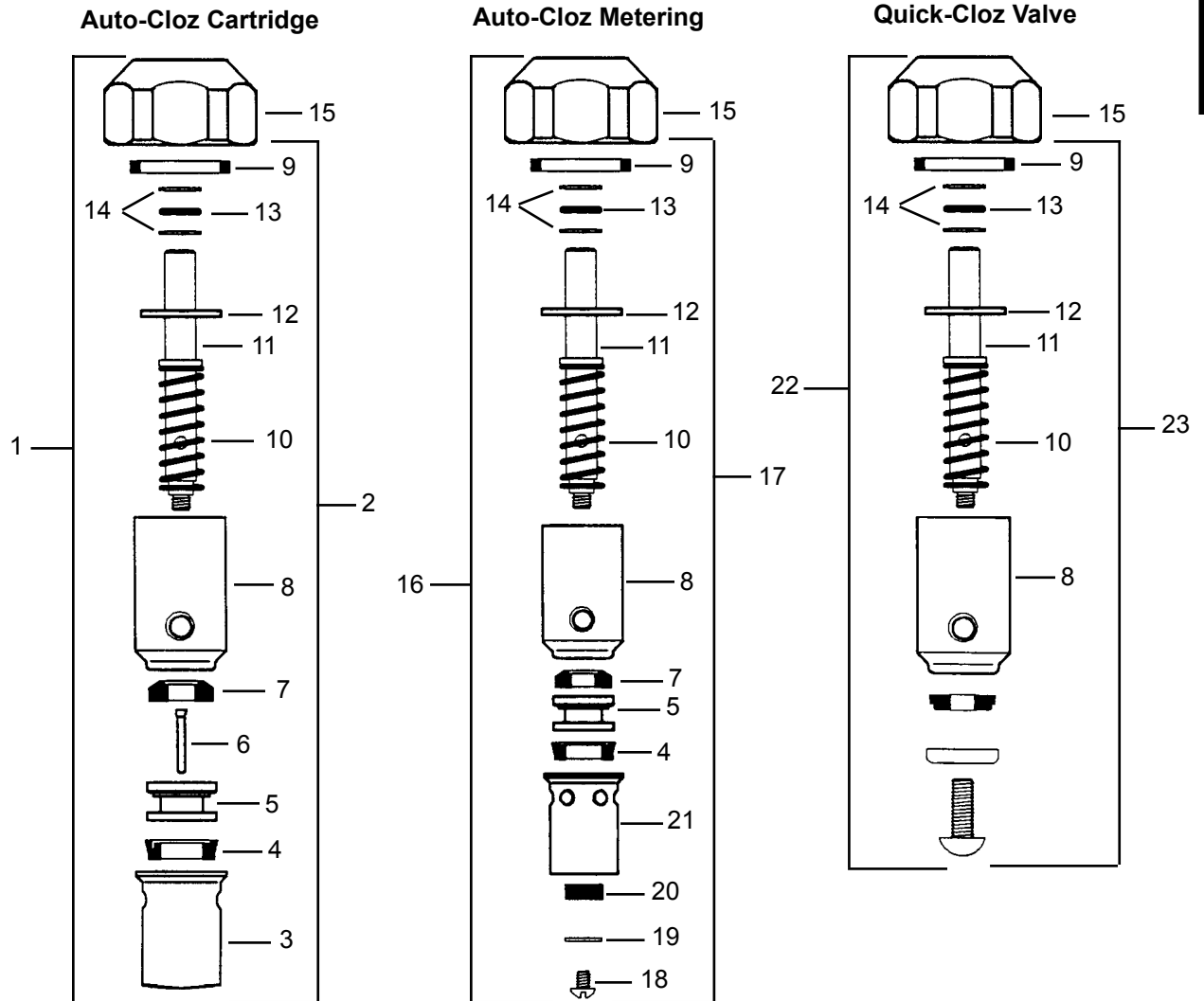
47009
ACN-1L stem assembly



46926
penal matic cartridge

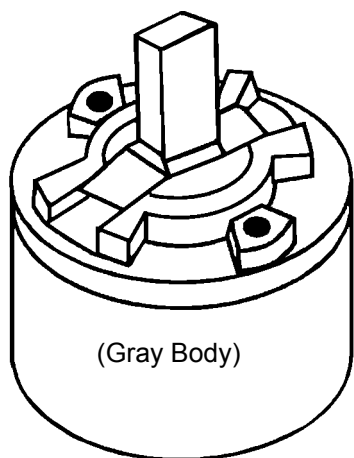
Item	Cat #	Description
1	11533	o-ring
2	11445	brass washer
3	11386	plastic washer
4	47000	ACN -1L threaded stem
5	47006	sleeve w/integral seat
6	47007	seat washer
7	44011	monel washer retainer
8	47008	screw

47010 rebuilding kit includes items (1, 2, 3, 6, 7, 8)



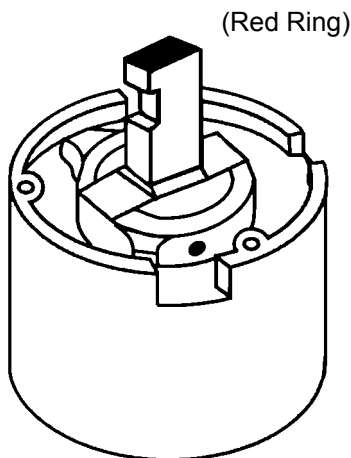
Item	Cat #	Description
1	46965	cartridge assembly complete
2	46966	cartridge assy. less bonnet
3	46967	dashpot
4	46953	"U" packing
5	46954	piston
6	46968	timing needle
7	46955	gasket disc
8	46956	sleeve
9	46928	bonnet gasket
10	46957	spring
11	46958	rod

Item	Cat #	Description
12	46960	o-ring retainer
13	11506	o-ring
14	46931	back up ring
15	46932	bonnet
16	46947	cartridge assembly complete
17	46948	cartridge assy. less bonnet
18	46949	screw
19	46950	washer
20	46951	felt gasket
21	46952	dashpot
22	46937	cartridge assembly complete
23	46930	cartridge assy. less bonnet



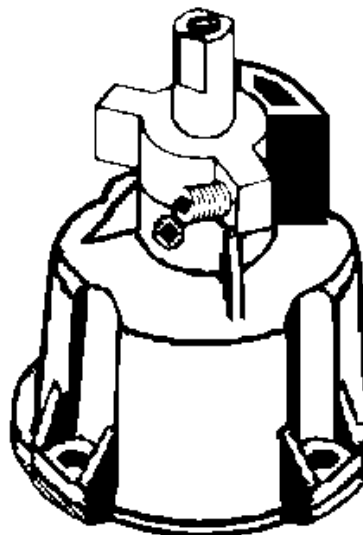
(Gray Body)

43196 Aquarian cartridge 4 gpm
43509 Aquarian cartridge 8 gpm

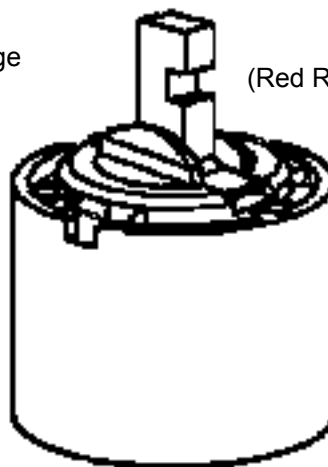


(Red Ring)

40208 Aquarian cartridge
Ceramic cartridge
Reliant + cartridge
Connoisseur cartridge

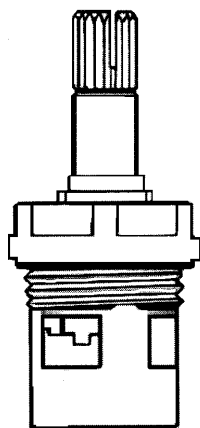


43784 Ultramix



(Red Ring)

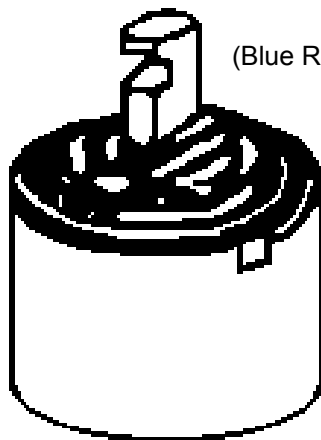
43198 Colony cartridge
Cadet cartridge



45025 Heritage cartridge

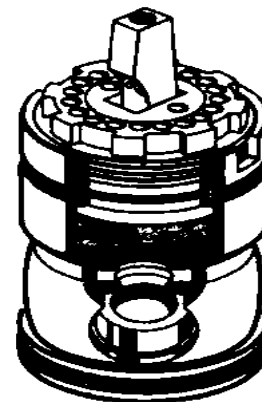


45027 Monterrey cartridge

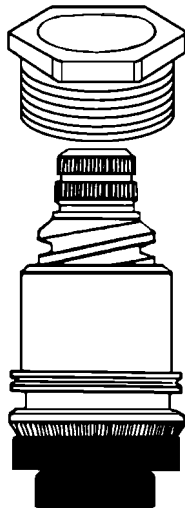


(Blue Ring)

40220 Ceralin cartridge



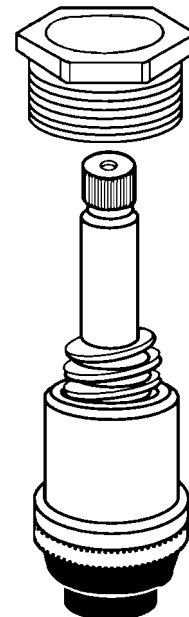
40215 Reliant cartridge



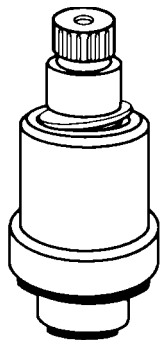
43064 OEM stem assy.
(2 right hand/pk)
43065 OEM stem assy.
(1 left, 1 right/pk)



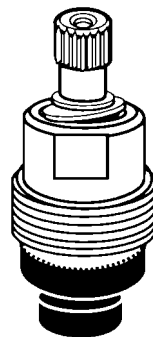
43066 AS-1R stem assy.
43067 AS-1L stem assy.
43068 AS-1R stem assy.
with locknut
43069 AS-1L stem assy.
with locknut



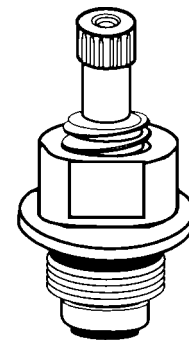
43673 AS-2R stem assy.
43674 AS-2L stem assy.
43055 Locknut only



43127 AS-5L stem assy.
43128 AS-5R stem assy.



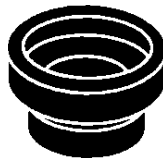
43008 Cadet LH stem assy.
43009 Cadet RH stem assy.



43082 Colony LH stem assy.
43083 Colony RH stem assy.



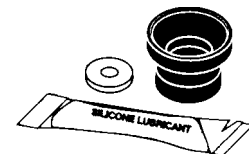
10075 OEM Aquaseal
diaphragm (2/pk)



11075 Aquaseal
diaphragm

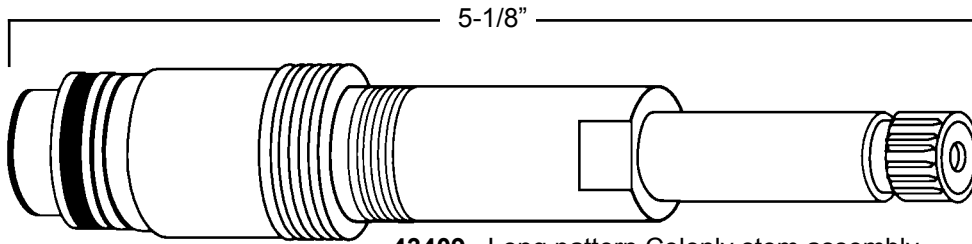


43066 Cadet
diaphragm

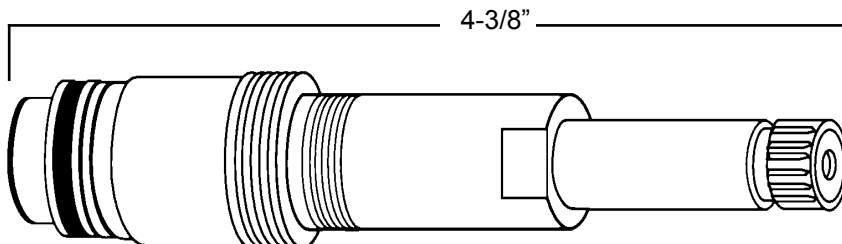


43007 OEM Cadet
diaphragm (2/pk)

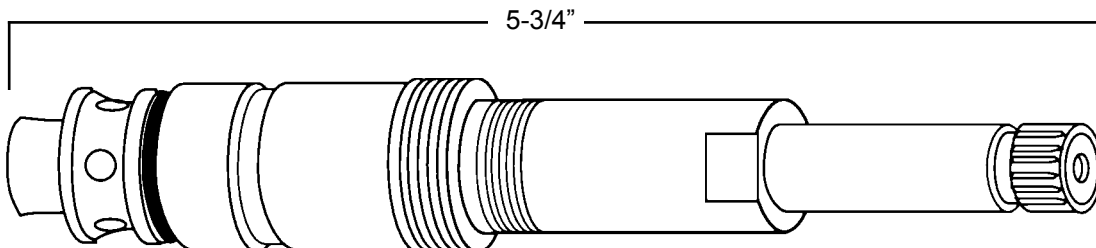
1



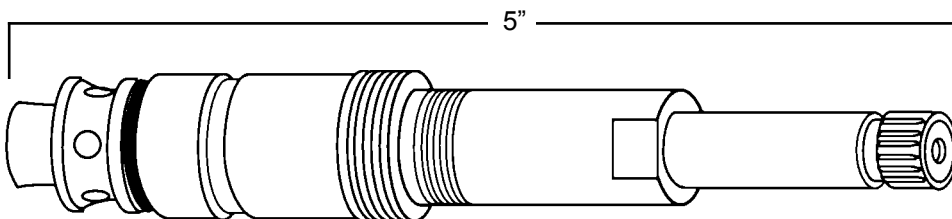
43409 Long pattern Colony stem assembly



43410 Short pattern Colony stem assembly

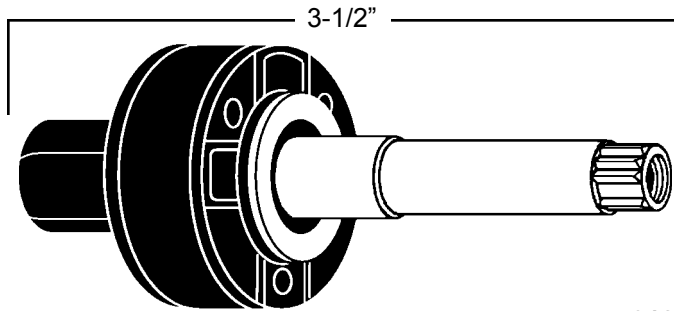


43411 Long pattern Colony transfer stem assy.

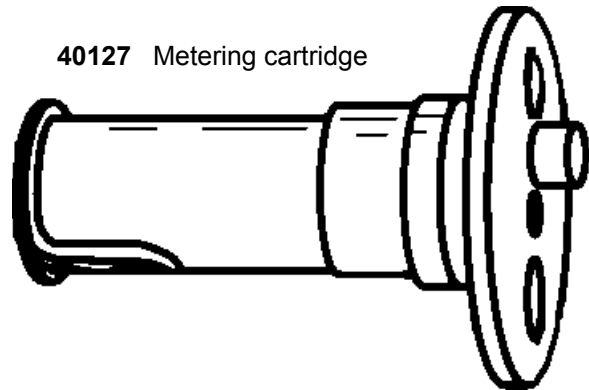


43413 Short pattern Colony transfer stem assy.

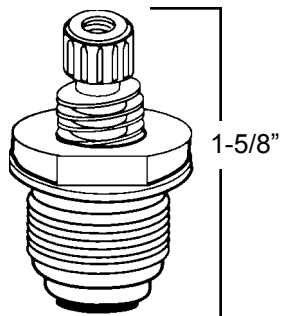
42417 Cartridge for Bradley, Briggs and Kohler



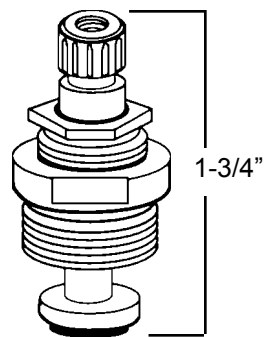
40127 Metering cartridge



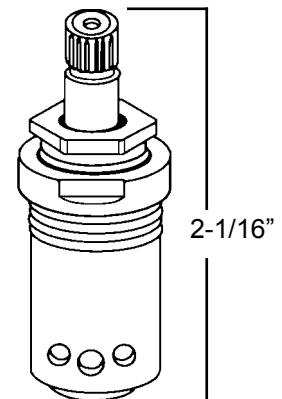
Central Brass



46014 Right hand
46015 Left hand

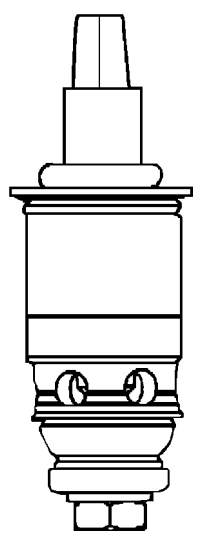


46025 Left hand
46026 Right hand

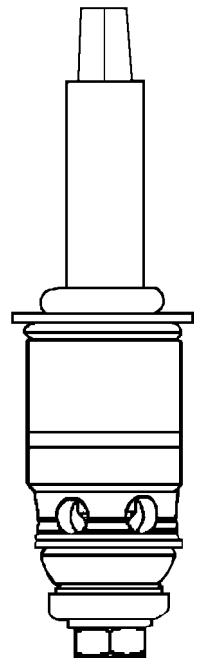


46033 Right hand
46034 Left hand

Quatern

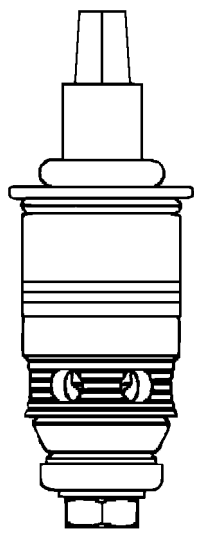


43983 CH-1R cold
43984 CH-1L hot

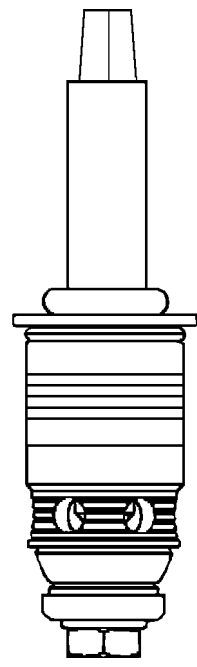


43997 CH-2R cold
43998 CH-2L hot

**Slow
Compression**

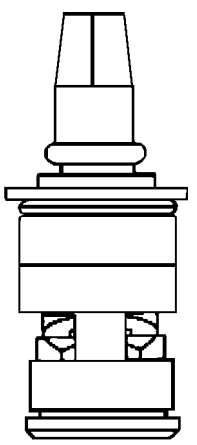


43848 CH-3R cold
43849 CH-3L hot

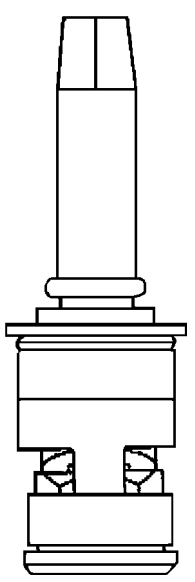


43980 CH-4R cold
43981 CH-4L hot

Ceramic

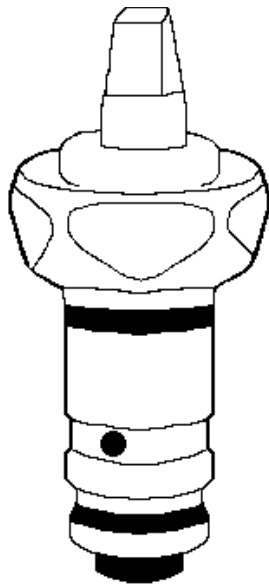


43900 CH-5R cold ceramic
43901 CH-5L hot ceramic

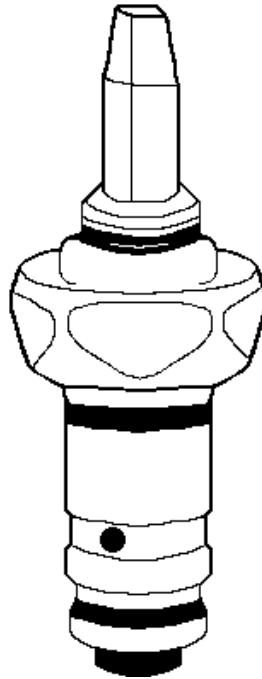


43902 CH-6R cold ceramic
43903 CH-6L hot ceramic

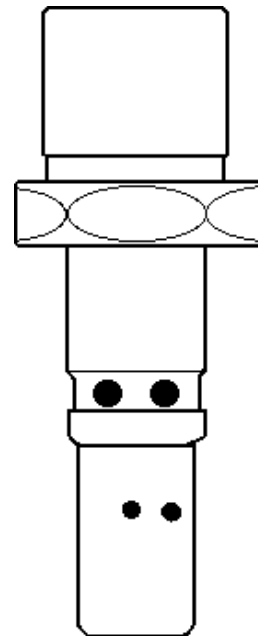
43999 CH-1NS repair kit
for above cartridges



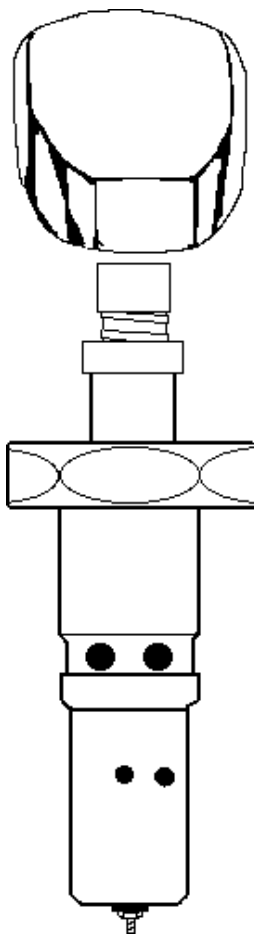
43842 Self closing



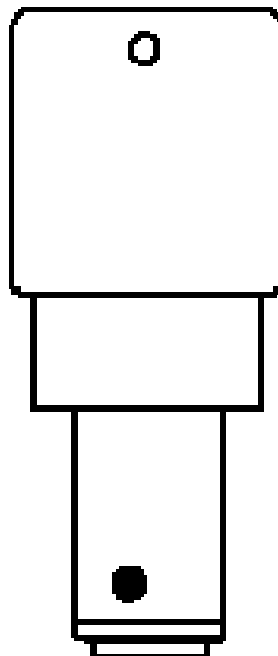
43843 Self closing



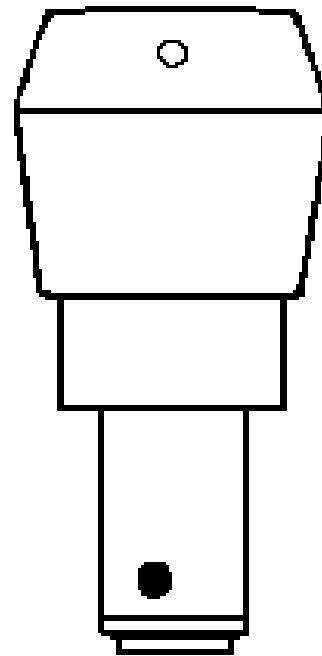
44030 Naiad push
44042 Naiad slow push
44043 Naiad hot
44044 Naiad cold



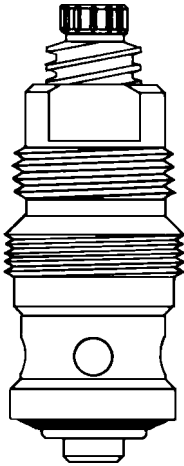
44172 Tip Tap stem assembly
44167 Push handle
44165 Hot handle
44166 Cold handle
*Handle and stem sold separate



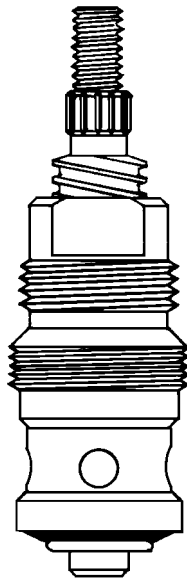
No Longer Available



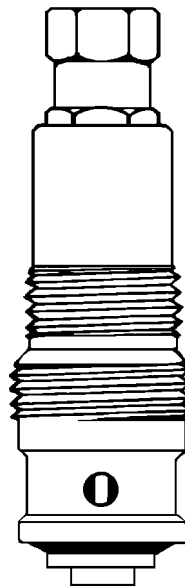
43875 Tapered assy. push
43876 Tapered assy. hot
43877 Tapered assy. cold



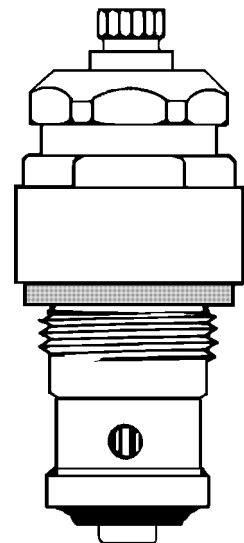
- 41016 CR-1R brass stem
- 41017 CR-1L brass stem
- 41014 CR-2R monel stem
- 41015 CR-2L monel stem



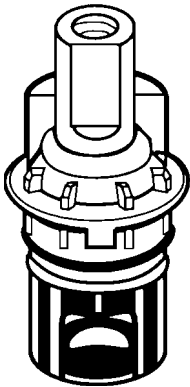
- 41111 CR-3R threaded stem
- 41112 CR-3L threaded stem



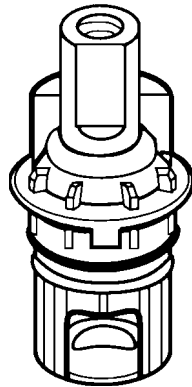
- 41122 Knee action unit, hot
- 41123 Knee action unit, cold



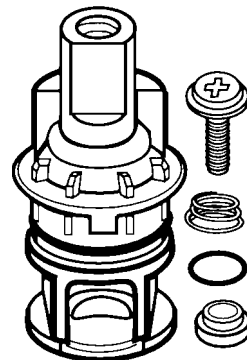
41187 Magiclose unit



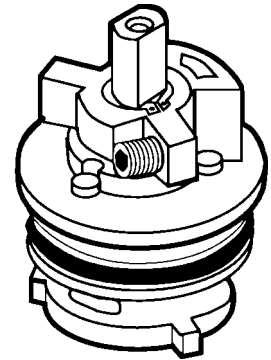
46123 Cartridge for
2 handle faucets



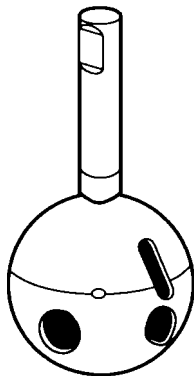
46080 Cartridge for
2 handle faucets



46120 Ceramic cartridge
for HDF faucets

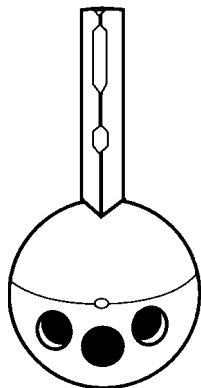


46099 Scaldguard
cartridge



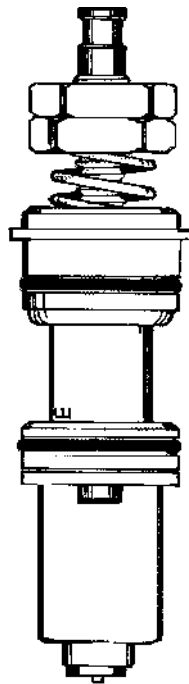
46056 Brass ball assembly
for single lever faucets

46055 Stainless steel

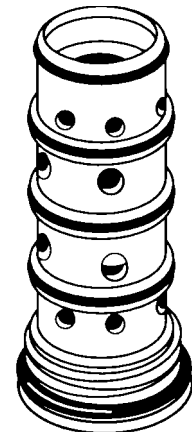


46069 Brass ball assembly for
single lever faucets, Del Dial

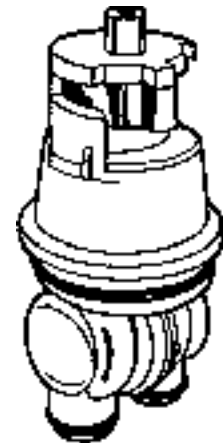
46070 Stainless steel



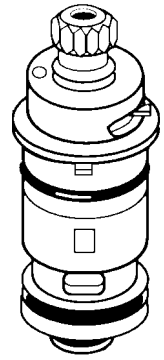
46121 Metering cartridge



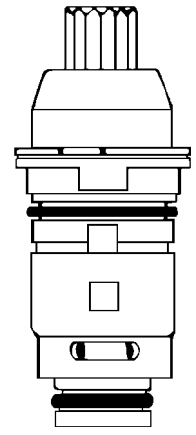
46100 Balancing spool



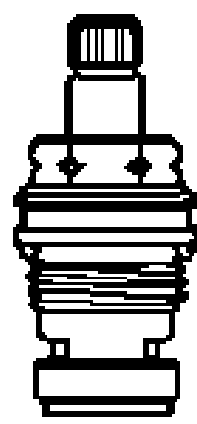
46094 Cartridge for Monitor
1300 and 1400 series
(not actual size)



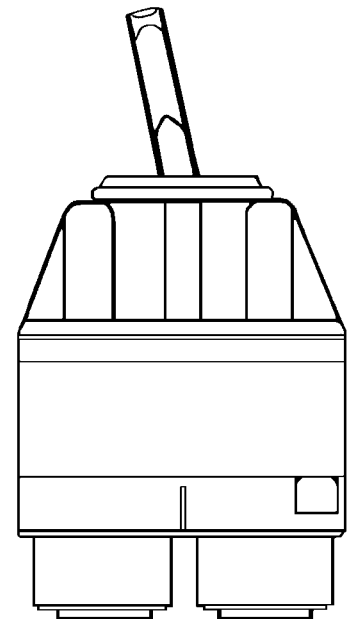
49000 Green, right hand
49001 Yellow, left hand



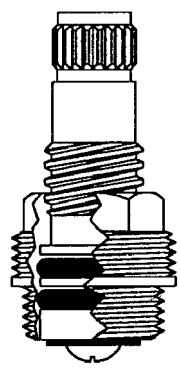
49002 Brown, left hand
49003 Gray, right hand



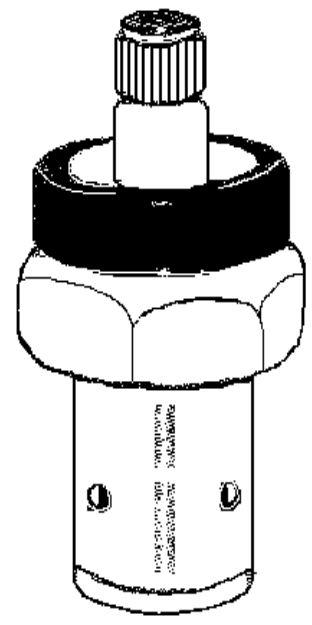
48994 Cartridge hot
48995 Cartridge cold



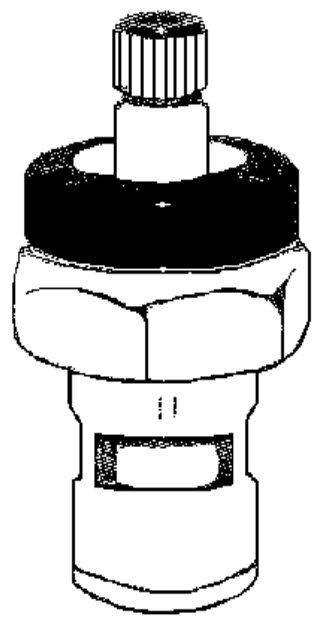
49350 Single lever cartridge

Encore/CHG

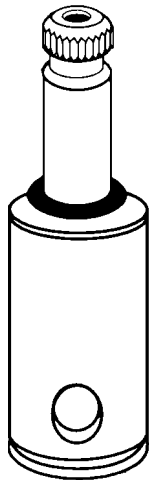
24560 CHG stem unit RH
24561 CHG stem unit LH



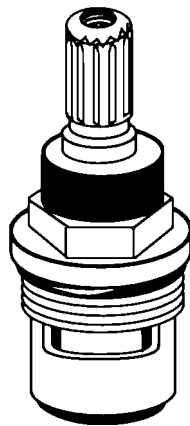
40725 CHG cartridge cold
40726 CHG cartridge hot



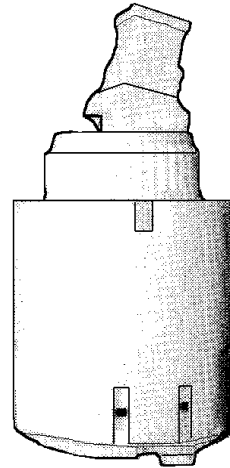
40732 CHG ceramic cold
40733 CHG ceramic hot



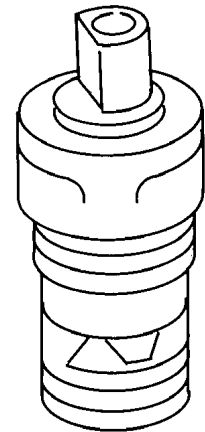
42157 Valvet, right hand
42158 Valvet, left hand



42700 Cartridge, hot
42701 Cartridge, cold

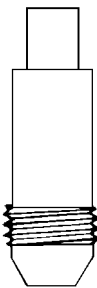


47408 Coralais single lever cartridge

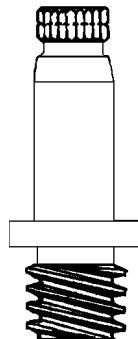


42702 Coralais cartridge, hot
42703 Coralais cartridge, cold

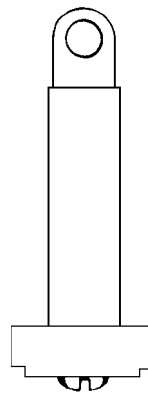
42003 Valvet with brass plunger, right hand
42004 Valvet with brass plunger, left hand



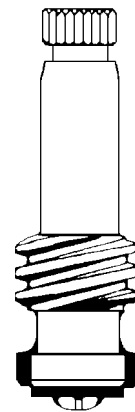
42474 Stem



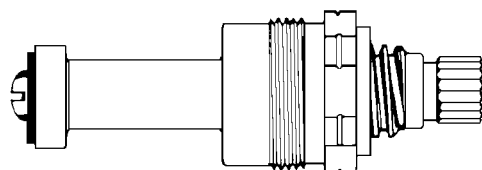
42009 Valvet stem LH
42089 Valvet stem RH



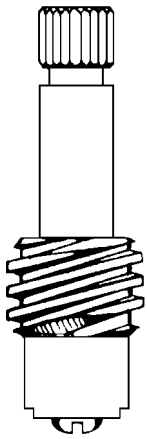
42541 Bedpan stem



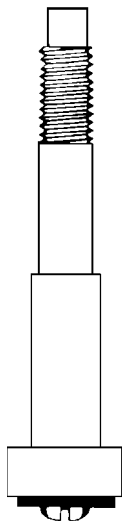
42045 Stem RH
42046 Stem LH



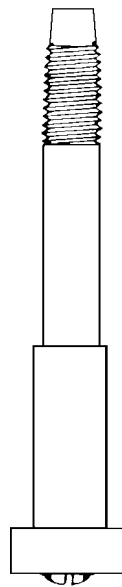
42164 KO-9R stem assy.
42165 KO-9L stem assy.



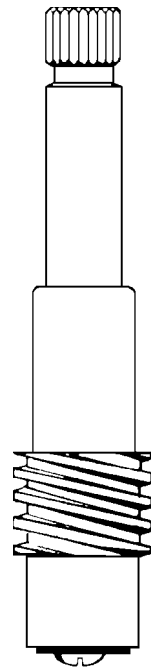
42258 KO-5L stem assy.
42259 KO-5R stem assy.



42214 Stem

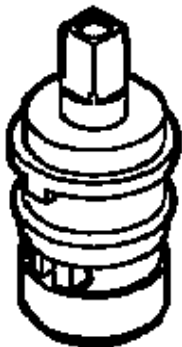


42551 Stem



42074 Stem LH
42075 Stem RH

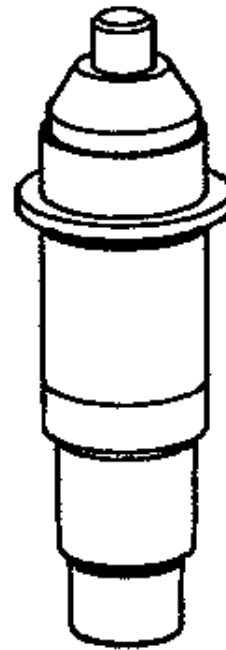
Moen



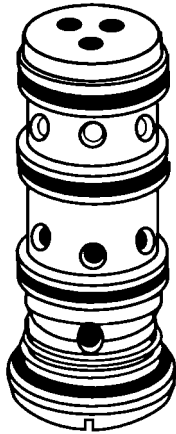
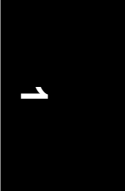
46618 Cartridge, Hot
46619 Cartridge, Cold



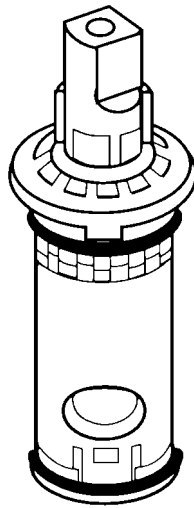
46623 Cartridge, Hot
46624 Cartridge, Cold



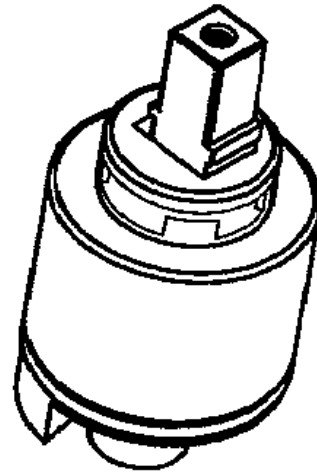
100444 Metering Cartridge



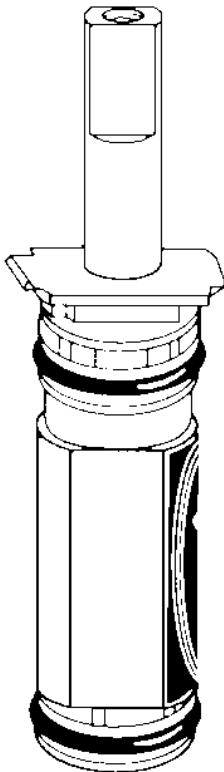
46621 Balancing spool



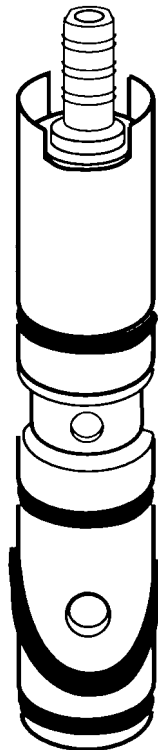
46529 Cartridge



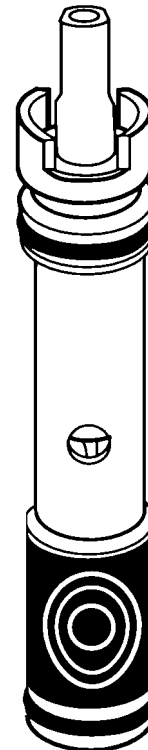
46597 Single lever cartridge



46625 Posi-Temp cartridge



46540 Brass cartridge



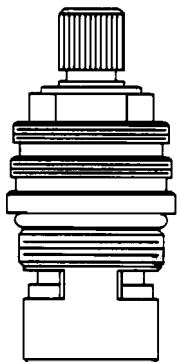
46548 Celcon cartridge

Speakman

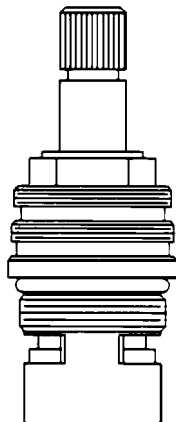
ACTUAL SIZE CARTRIDGES

RoJen

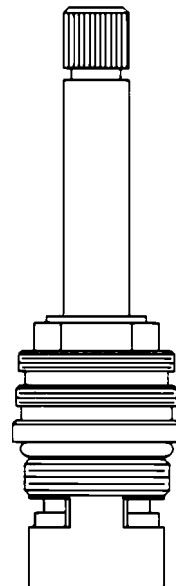
1



2" stubby cartridge
48904 Cold
48903 Hot

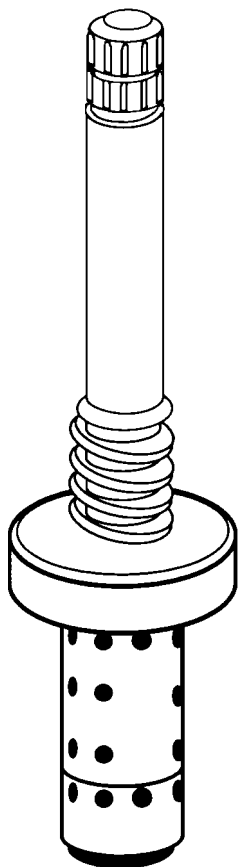


2-5/16" short cartridge
48902 Cold
48901 Hot

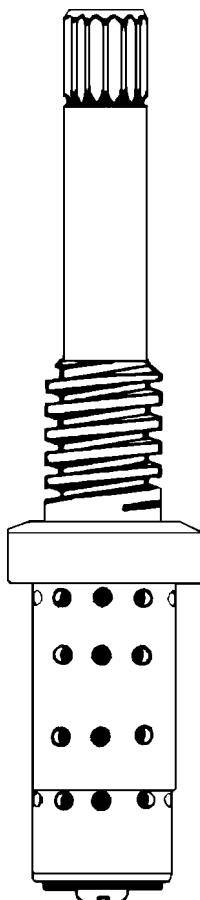


3-1/4" medium cartridge
48899 Cold
48900 Hot

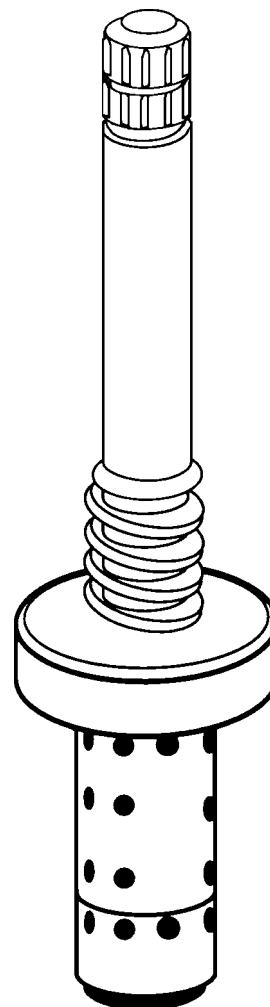
Symmons



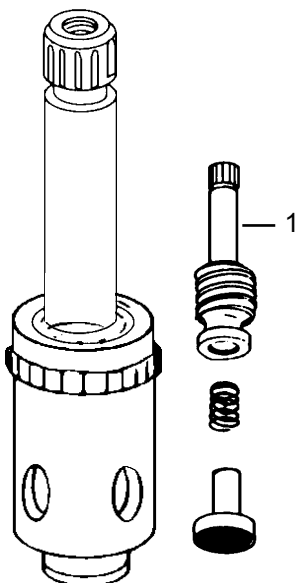
43461 TA-10/SA10 spindle



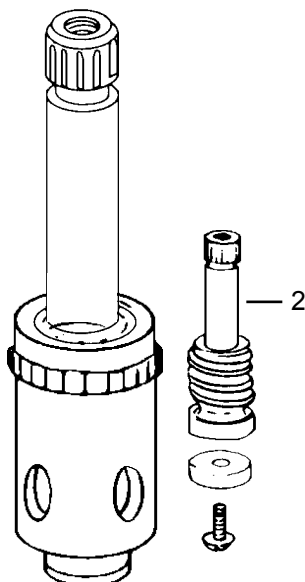
48364 J-4 spindle



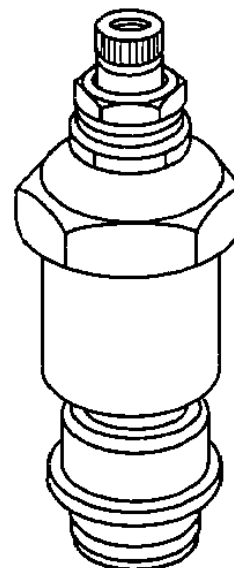
48288 C-5 spindle



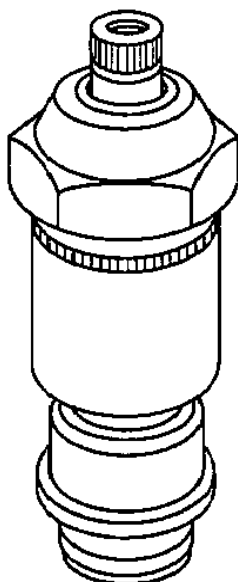
- 44472** Check stem assy. RH
- 44473** Check stem assy. LH
- 44500** Check stem RH (item 1)
- 44501** Check stem LH (item 1)



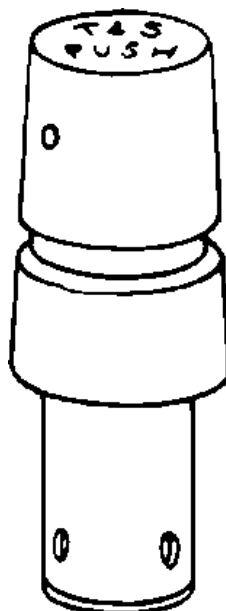
- 44466** Stem assy. hot
- 44467** Stem assy. cold
- 44382** Stem RH (item 2)
- 44383** Stem LH (item 2)



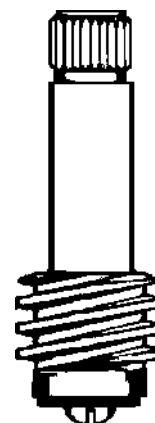
- 44462** Cerama cartridge, hot
- 44463** Cerama cartridge, cold (with escutcheon bonnet)



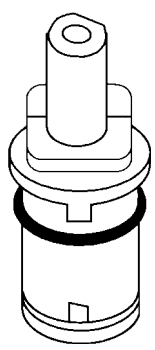
- 44557** Cerama cartridge, hot
- 44558** Cerama cartridge, cold
- 44560** Cerama w/check valve, hot
- 44561** Cerama w/check valve, cold (without escutcheon)



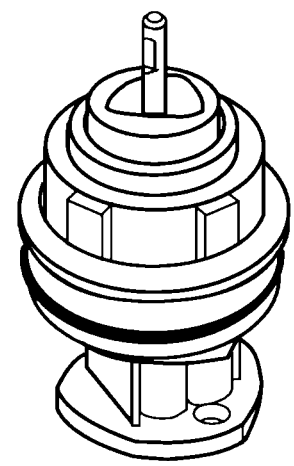
- 44499** TS-7 slo close cartridge



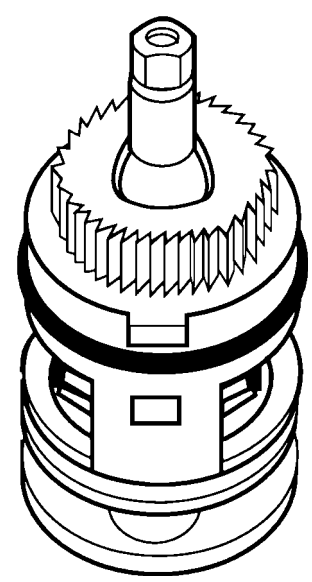
- 44475** Right hand stem
- 44474** Left hand stem



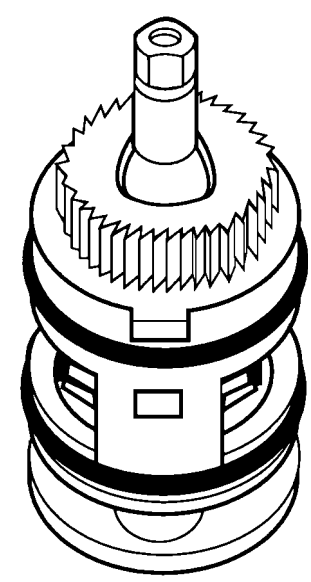
46630 Cartridge
1-7/8"



46637 Cartridge
2-3/8"

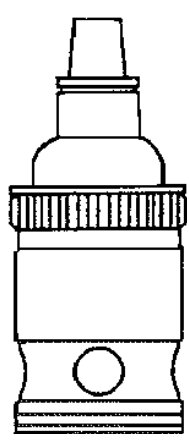


46653 For faucets less
diverter
2-15/16"

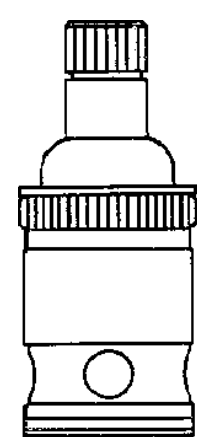


46654 For faucets with
diverter for spray
2-15/16"

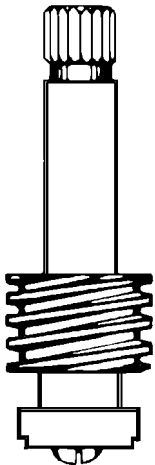
Water Saver



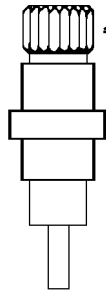
48389 Cold WS-200R
48390 Hot WS-200R



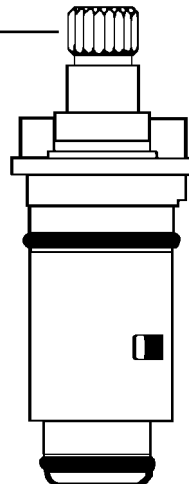
Not available



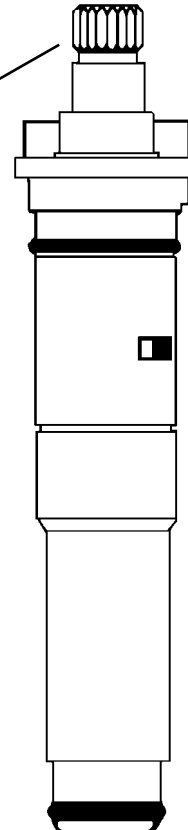
26173 Stem RH
26174 Stem LH



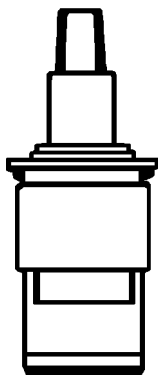
Stem only, for short & long
49010 Cold
49011 Hot



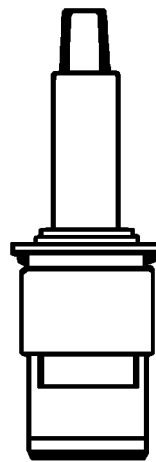
Short cartridge assy.
49005 Cold
49006 Hot



Long cartridge assy.
49007 Cold
49008 Hot



40801 ZN-1C short cartridge
40802 ZN-1H short cartridge



40803 ZN-2C long cartridge
40804 ZN-2H long cartridge

Faucet Seat

ACTUAL SIZE



1

American Brass



7/16

9/16-20 thrd
12000 brass
13000 monel

American Standard



3/8

9/16-24 thrd
12006 brass
13006 monel

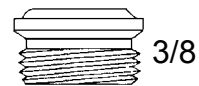
American Standard



13/32

7/16-24 thrd
12007 brass
13007 monel

American Standard



3/8

9/16-18 thrd
12008 brass
13008 monel

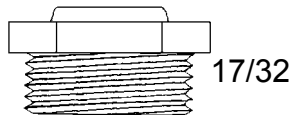
American Standard



.30

9/16-20 thrd
12009 brass
 rubber molded

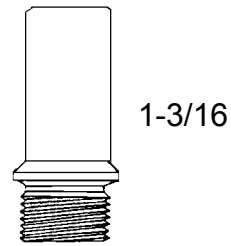
American Standard



17/32

13/16-24 thrd
12010 brass

American Standard



1-3/16

7/16-24 thrd
12011 brass
 OEM cadet pair

American Standard



13/32

7/16-24 thrd
12012 brass
 OEM

Barnes/Eljer



11/32

1/2-20 thrd
12020 brass
13020 monel

Barnes/Western



3/8

9/16-24 thrd
12021 brass
13021 monel

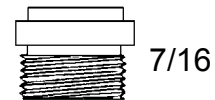
Bradley



3/8

3/4-16 thrd
12025 brass

Briggs



7/16

1/2-24 thrd
12030 brass
13030 monel

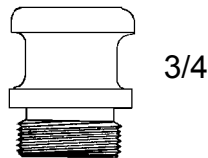
Briggs



3/8

9/16-20 thrd
12031 brass
13031 monel

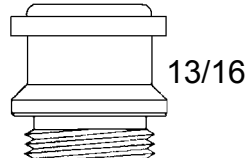
Briggs



3/4

1/2-20 thrd
12032 brass

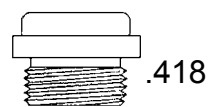
Briggs



13/16

5/8-20 thrd
12033 brass

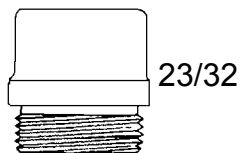
Central Brass



.418

1/2-24 thrd
12040 brass
13040 monel

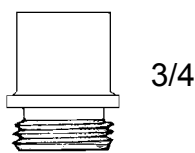
Central Brass



23/32

5/8-24 thrd
12041 brass

Central Brass



3/4

1/2-24 thrd
12042 brass

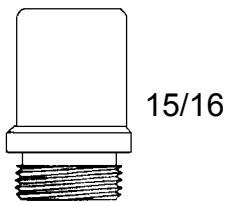
Central Brass



13/32

9/16-27 thrd
12043 brass

Central Brass



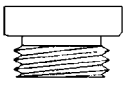
15/16

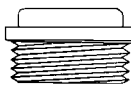
1/2-24 thrd
12044 brass

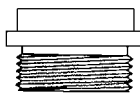
Faucet Seat

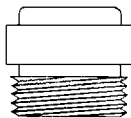
ACTUAL SIZE

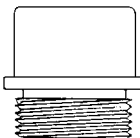


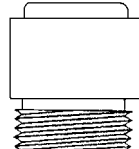
Crane

 3/8
 7/16-27 thrd
12050 brass
13050 monel

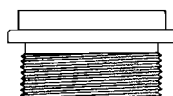
Crane

 3/8
 9/16-18 thrd
12051 brass
13051 monel

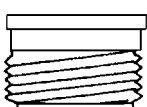
Crane

 13/32
 9/16-22 thrd
12052 brass
13052 monel

Crane

 35/62
 9/16-18 thrd
12053 brass

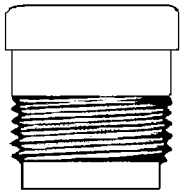
Crane

 11/16
 9/16-22 thrd
12054 brass

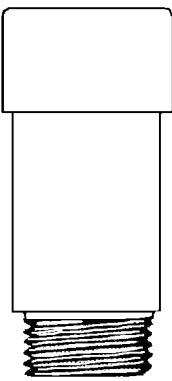
Crane

 3/4
 9/16-18 thrd
12055 brass

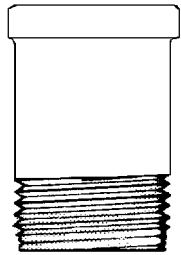
Crane

 7/16
 11/16-22 thrd
12056 brass
13056 monel

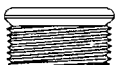
Crane

 1/2
 13/16-16 thrd
12057 brass

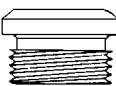
CRANE SEAT EXTENSIONS


Crane

 15/16
 13/16-16 thrd
12058 brass

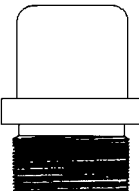
Crane

 1-15/16
 5/8-16 thrd
12059 brass

Crane

 1-5/16
 13/16-16 thrd
12060 brass

Dick Brothers

 5/16
 1/2-27 thrd
12065 brass
13065 monel

Eljer

 3/8
 1/2-20 thrd
12070 brass
13070 monel

Eljer

 1/2
 1/2-27 thrd
12071 brass
13071 monel

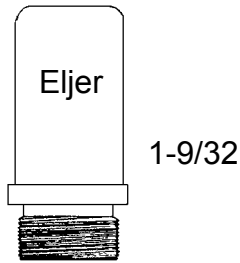
Eljer

 15/16
 9/16-27 thrd
12072 brass

Faucet Seat

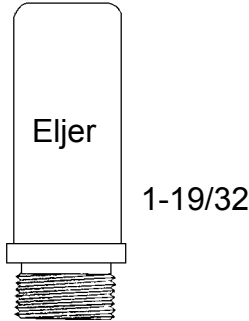
ACTUAL SIZE



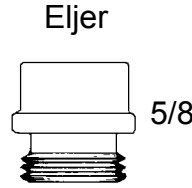
1



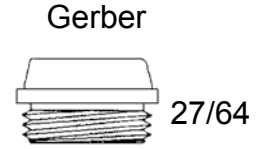
1-9/32
1/2-27 thrd
12073 brass



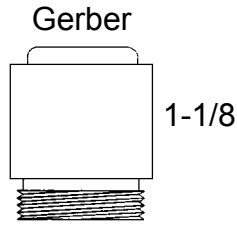
1-19/32
1/2-27 thrd
12074 brass



5/8
1/2-27 thrd
12075 brass



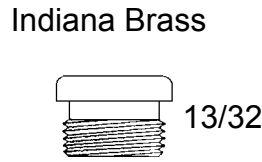
27/64
5/8-20 thrd
12080 brass
13080 monel



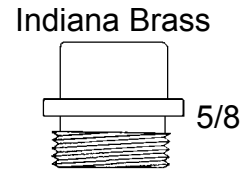
1-1/8
5/8-20 thrd
12081 brass



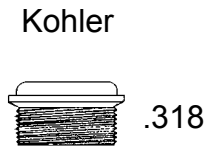
25/64
9/16-20 thrd
12095 brass
13095 monel



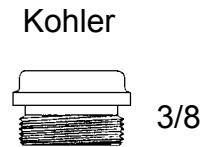
13/32
1/2-27 thrd
12100 brass
13100 monel



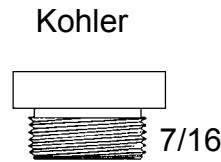
5/8
9/16-27 thrd
12101 brass
13101 monel



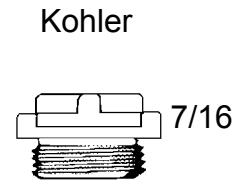
.318
1/2-27 thrd
12110 brass
13110 monel



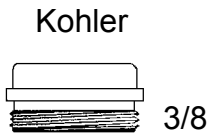
3/8
1/2-27 thrd
12111 brass
13111 monel



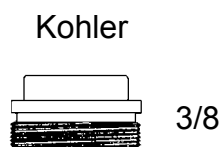
7/16
9/16-20 thrd
12112 brass



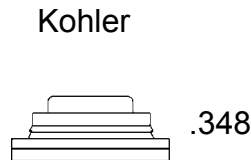
7/16
9/16-27 thrd
12113 brass



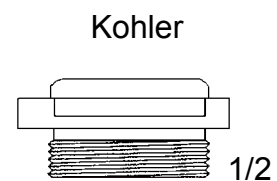
3/8
5/8-27 thrd
12114 brass
13114 monel



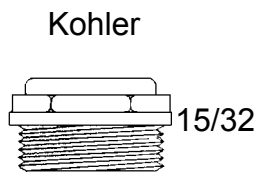
3/8
5/8-27 thrd
12115 brass
13115 monel



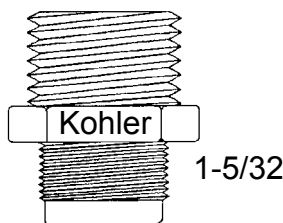
.348
no thrd
12116 brass



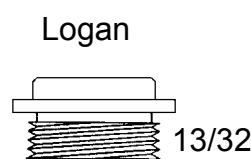
1/2
53/64-24 thrd
12118 brass



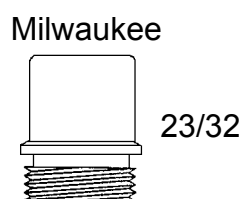
15/32
11/16-27 thrd
12120 brass



1-5/32
11/16-27, 1/2 thrd
12121 brass



13/32
5/8-27 thrd
12125 brass
13125 monel



23/32
33/64-27 thrd
12130 brass

Faucet Seat

ACTUAL SIZE

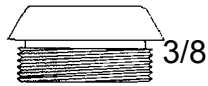


Price Pfister



3/8
1/2-20 thrd
12140 brass
13140 monel

Price Pfister



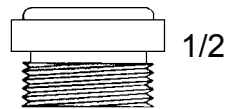
3/8
.65-18 thrd
12141 brass
13141 monel

Repcal



11/32
9/16-28 thrd
12145 brass
13145 monel

Royal Brass



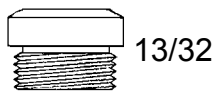
1/2
5/8-20 thrd
12147 brass

Royal Brass



3/8
1/2-20 thrd
12148 brass

Savoy



13/32
1/2-20 thrd
12150 brass
13150 monel

Savoy



7/16
35/64-20 thrd
12151 brass
13151 monel

Sayco



5/16
1/2-20 thrd
12153 brass
13153 monel

Schiabie



7/16
1/2-20 thrd
12155 brass
13155 monel

Schiabie



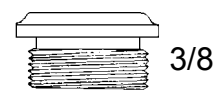
13/32
1/2-20 thrd
12156 brass
13156 monel

Speakman



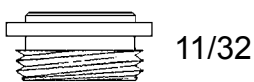
11/32
7/16-27 thrd
12165 brass
13165 monel

Speakman



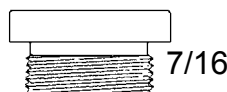
3/8
9/16-28 thrd
12166 brass
13166 monel

Speakman



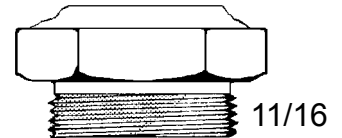
11/32
5/8-24 thrd
12167 brass
13167 monel

Speakman



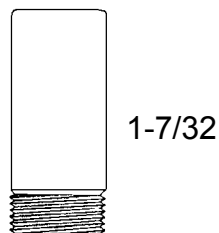
7/16
5/8-24 thrd
12168 brass
13168 monel

Speakman



11/16
15/16-20 thrd
12169 brass

Streamway



1-7/32
1/2-20 thrd
12161 brass

Sterling



3/8
1/2-24 thrd
12160 brass
13160 monel

Tracy



7/16
5/8-20 thrd
12175 brass
13175 monel

Union Brass



.30
33/64-18 thrd
12185 brass
13185 monel

Faucet Seat

ACTUAL SIZE



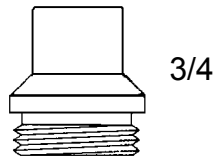
1

Union Brass



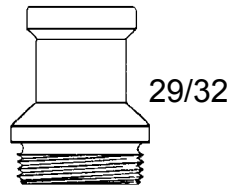
5/8-18 thrd
12186 brass
13186 monel

Union Brass



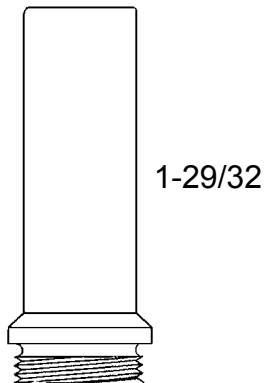
5/8-18 thrd
12187 brass

Union Brass



5/8-18 thrd
12188 brass

Union Brass



5/8-18 thrd
12189 brass

Universal Rundle



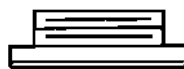
17/32-24 thrd
12180 brass
13180 monel

Universal Rundle



35/64-27 thrd
12181 brass
13181 monel

Watersaver



no thrd
48384 brass

Wolverine



7/16-24 thrd
12195 brass
13195 monel

Wolverine



1/2-24 thrd
12196 brass
13196 monel

Wolverine

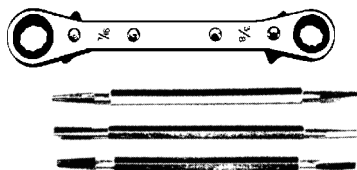


19/32-24 thrd
12197 brass
13197 monel

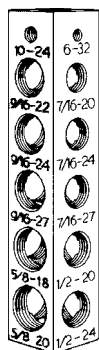
Wolverine



11/16-20 thrd
12198 brass

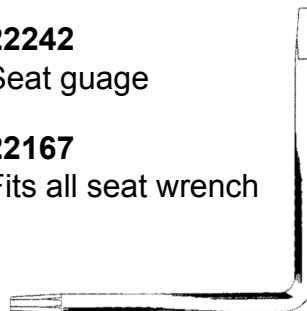


22240
 Bibb seat tool set



22242
 Seat gauge

22167
 Fits all seat wrench



23004
 faucet seat, wrench &
 gauge assortment - 21