



INTERNATIONAL  
Drill Guide, INC.



Gun Drill and other  
deep hole tooling.

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# How to use this Guide

All part specification pages are arranged with the following helpful guide points as shown below.

**Page Subject** — 17 MM OD SnapGuide™

**Page Number** — 6

**Part Notes** — NOTE: All SnapGuide™ bushings should be used in round holes. Custom hole bushings in these ranges may contribute to premature tool breakage. Call us for custom bushings in this range and we will meet your application.

**Advice in selecting the best parts.** — The BEST SnapGuide™ to use when drilling any hole... 50% or smaller.

**Pricing Information** — PRICING - US Dollars  
17 mm OD Bushing

**Size Selection Guide** — Diagrams showing chip formation and drill range selection.

**Schematic Size Guide** — Diagrams showing drill range and part number selection.

**Part Sizes** — Table listing part numbers, drill ranges, and bearing dimensions.

Bushing ID	Standard Part No.	Drill Range	Standard Part No.	Bushing ID
066	1278-17	066-080	1278-17	066
070	1278-17	066-080	1278-17	070
074	1278-17	066-080	1278-17	074
078	1278-17	066-080	1278-17	078
082	1278-17	066-080	1278-17	082
086	1278-17	066-080	1278-17	086
090	1278-17	066-080	1278-17	090
094	1278-17	066-080	1278-17	094
098	1278-17	066-080	1278-17	098
102	1278-17	066-080	1278-17	102
106	1278-17	066-080	1278-17	106
110	1278-17	066-080	1278-17	110
114	1278-17	066-080	1278-17	114
118	1278-17	066-080	1278-17	118
122	1278-17	066-080	1278-17	122
126	1278-17	066-080	1278-17	126
130	1278-17	066-080	1278-17	130
134	1278-17	066-080	1278-17	134
138	1278-17	066-080	1278-17	138
142	1278-17	066-080	1278-17	142
146	1278-17	066-080	1278-17	146
150	1278-17	066-080	1278-17	150
154	1278-17	066-080	1278-17	154
158	1278-17	066-080	1278-17	158
162	1278-17	066-080	1278-17	162
166	1278-17	066-080	1278-17	166
170	1278-17	066-080	1278-17	170
174	1278-17	066-080	1278-17	174
178	1278-17	066-080	1278-17	178
182	1278-17	066-080	1278-17	182
186	1278-17	066-080	1278-17	186
190	1278-17	066-080	1278-17	190
194	1278-17	066-080	1278-17	194
198	1278-17	066-080	1278-17	198
202	1278-17	066-080	1278-17	202
206	1278-17	066-080	1278-17	206
210	1278-17	066-080	1278-17	210
214	1278-17	066-080	1278-17	214
218	1278-17	066-080	1278-17	218
222	1278-17	066-080	1278-17	222
226	1278-17	066-080	1278-17	226
230	1278-17	066-080	1278-17	230
234	1278-17	066-080	1278-17	234
238	1278-17	066-080	1278-17	238
242	1278-17	066-080	1278-17	242
246	1278-17	066-080	1278-17	246
250	1278-17	066-080	1278-17	250
254	1278-17	066-080	1278-17	254
258	1278-17	066-080	1278-17	258
262	1278-17	066-080	1278-17	262
266	1278-17	066-080	1278-17	266
270	1278-17	066-080	1278-17	270
274	1278-17	066-080	1278-17	274
278	1278-17	066-080	1278-17	278
282	1278-17	066-080	1278-17	282
286	1278-17	066-080	1278-17	286
290	1278-17	066-080	1278-17	290
294	1278-17	066-080	1278-17	294
298	1278-17	066-080	1278-17	298
302	1278-17	066-080	1278-17	302
306	1278-17	066-080	1278-17	306
310	1278-17	066-080	1278-17	310
314	1278-17	066-080	1278-17	314
318	1278-17	066-080	1278-17	318
322	1278-17	066-080	1278-17	322
326	1278-17	066-080	1278-17	326
330	1278-17	066-080	1278-17	330
334	1278-17	066-080	1278-17	334
338	1278-17	066-080	1278-17	338
342	1278-17	066-080	1278-17	342
346	1278-17	066-080	1278-17	346
350	1278-17	066-080	1278-17	350
354	1278-17	066-080	1278-17	354
358	1278-17	066-080	1278-17	358
362	1278-17	066-080	1278-17	362
366	1278-17	066-080	1278-17	366
370	1278-17	066-080	1278-17	370
374	1278-17	066-080	1278-17	374
378	1278-17	066-080	1278-17	378
382	1278-17	066-080	1278-17	382
386	1278-17	066-080	1278-17	386
390	1278-17	066-080	1278-17	390
394	1278-17	066-080	1278-17	394
398	1278-17	066-080	1278-17	398
402	1278-17	066-080	1278-17	402
406	1278-17	066-080	1278-17	406
410	1278-17	066-080	1278-17	410
414	1278-17	066-080	1278-17	414
418	1278-17	066-080	1278-17	418
422	1278-17	066-080	1278-17	422
426	1278-17	066-080	1278-17	426
430	1278-17	066-080	1278-17	430
434	1278-17	066-080	1278-17	434
438	1278-17	066-080	1278-17	438
442	1278-17	066-080	1278-17	442
446	1278-17	066-080	1278-17	446
450	1278-17	066-080	1278-17	450
454	1278-17	066-080	1278-17	454
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462	1278-17	066-080	1278-17	462
466	1278-17	066-080	1278-17	466
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474	1278-17	066-080	1278-17	474
478	1278-17	066-080	1278-17	478
482	1278-17	066-080	1278-17	482
486	1278-17	066-080	1278-17	486
490	1278-17	066-080	1278-17	490
494	1278-17	066-080	1278-17	494
498	1278-17	066-080	1278-17	498
502	1278-17	066-080	1278-17	502
506	1278-17	066-080	1278-17	506
510	1278-17	066-080	1278-17	510
514	1278-17	066-080	1278-17	514
518	1278-17	066-080	1278-17	518
522	1278-17	066-080	1278-17	522
526	1278-17	066-080	1278-17	526
530	1278-17	066-080	1278-17	530
534	1278-17	066-080	1278-17	534
538	1278-17	066-080	1278-17	538
542	1278-17	066-080	1278-17	542
546	1278-17	066-080	1278-17	546
550	1278-17	066-080	1278-17	550
554	1278-17	066-080	1278-17	554
558	1278-17	066-080	1278-17	558
562	1278-17	066-080	1278-17	562
566	1278-17	066-080	1278-17	566
570	1278-17	066-080	1278-17	570
574	1278-17	066-080	1278-17	574
578	1278-17	066-080	1278-17	578
582	1278-17	066-080	1278-17	582
586	1278-17	066-080	1278-17	586
590	1278-17	066-080	1278-17	590
594	1278-17	066-080	1278-17	594
598	1278-17	066-080	1278-17	598
602	1278-17	066-080	1278-17	602
606	1278-17	066-080	1278-17	606
610	1278-17	066-080	1278-17	610
614	1278-17	066-080	1278-17	614
618	1278-17	066-080	1278-17	618
622	1278-17	066-080	1278-17	622
626	1278-17	066-080	1278-17	626
630	1278-17	066-080	1278-17	630
634	1278-17	066-080	1278-17	634
638	1278-17	066-080	1278-17	638
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646	1278-17	066-080	1278-17	646
650	1278-17	066-080	1278-17	650
654	1278-17	066-080	1278-17	654
658	1278-17	066-080	1278-17	658
662	1278-17	066-080	1278-17	662
666	1278-17	066-080	1278-17	666
670	1278-17	066-080	1278-17	670
674	1278-17	066-080	1278-17	674
678	1278-17	066-080	1278-17	678
682	1278-17	066-080	1278-17	682
686	1278-17	066-080	1278-17	686
690	1278-17	066-080	1278-17	690
694	1278-17	066-080	1278-17	694
698	1278-17	066-080	1278-17	698
702	1278-17	066-080	1278-17	702
706	1278-17	066-080	1278-17	706
710	1278-17	066-080	1278-17	710
714	1278-17	066-080	1278-17	714
718	1278-17	066-080	1278-17	718
722	1278-17	066-080	1278-17	722
726	1278-17	066-080	1278-17	726
730	1278-17	066-080	1278-17	730
734	1278-17	066-080	1278-17	734
738	1278-17	066-080	1278-17	738
742	1278-17	066-080	1278-17	742
746	1278-17	066-080	1278-17	746
750	1278-17	066-080	1278-17	750
754	1278-17	066-080	1278-17	754
758	1278-17	066-080	1278-17	758
762	1278-17	066-080	1278-17	762
766	1278-17	066-080	1278-17	766
770	1278-17	066-080	1278-17	770
774	1278-17	066-080	1278-17	774
778	1278-17	066-080	1278-17	778
782	1278-17	066-080	1278-17	782
786	1278-17	066-080	1278-17	786
790	1278-17	066-080	1278-17	790
794	1278-17	066-080	1278-17	794
798	1278-17	066-080	1278-17	798
802	1278-17	066-080	1278-17	802
806	1278-17	066-080	1278-17	806
810	1278-17	066-080	1278-17	810
814	1278-17	066-080	1278-17	814
818	1278-17	066-080	1278-17	818
822	1278-17	066-080	1278-17	822
826	1278-17	066-080	1278-17	826
830	1278-17	066-080	1278-17	830
834	1278-17	066-080	1278-17	834
838	1278-17	066-080	1278-17	838
842	1278-17	066-080	1278-17	842
846	1278-17	066-080	1278-17	846
850	1278-17	066-080	1278-17	850
854	1278-17	066-080	1278-17	854
858				

# About International Drill Guide, Inc.

International Drill Guide, Inc. manufactures a full line of plastic support bushings and chip box seals for all deep hole drilling machines. Our products stop drill whipping, reduce vibration, increase hole accuracy and seal the chip box on every gun drill machine. We offer the best application engineering to optimize your job coupled with expertise in Chemistry and Polymers to maximize bushing life and performance. The products are molded on our state of the art CNC molding machine. Specials can be designed and built with minimal lead time in our own CNC mold making shop. Our signature **Blue Bushings®** always guarantee you top quality.

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The color blue is a registered trademark of International Drill Guide, Inc.

Pricing and specifications subject to change with out notice.

T 864.225.2214

F 864.226.0832

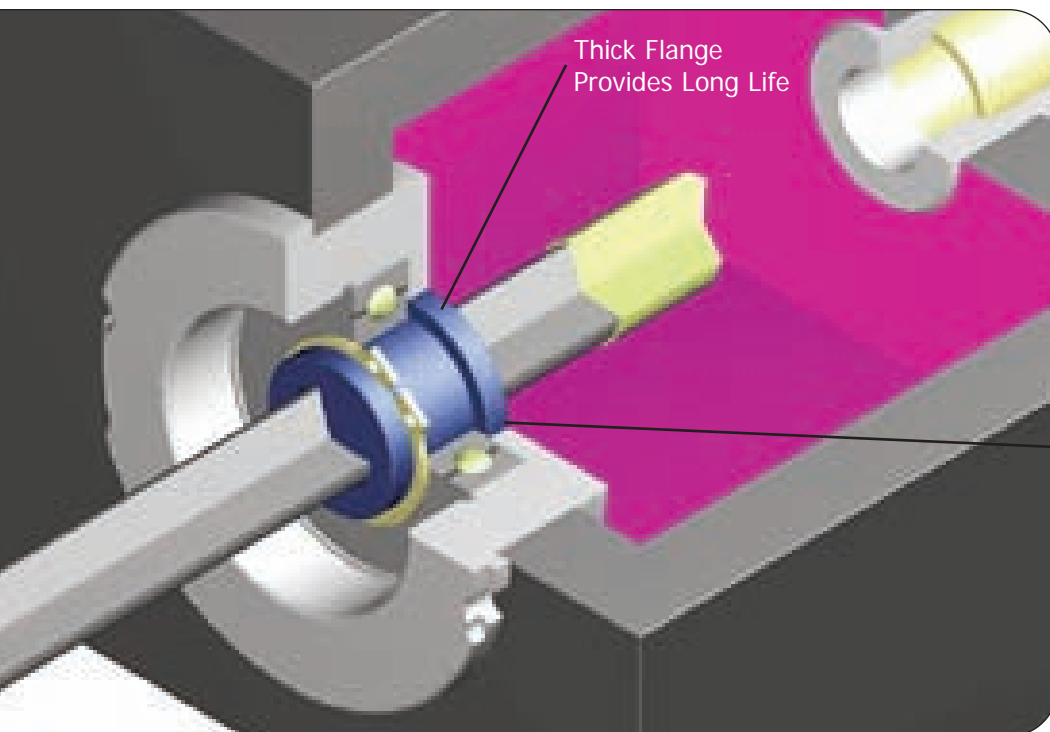
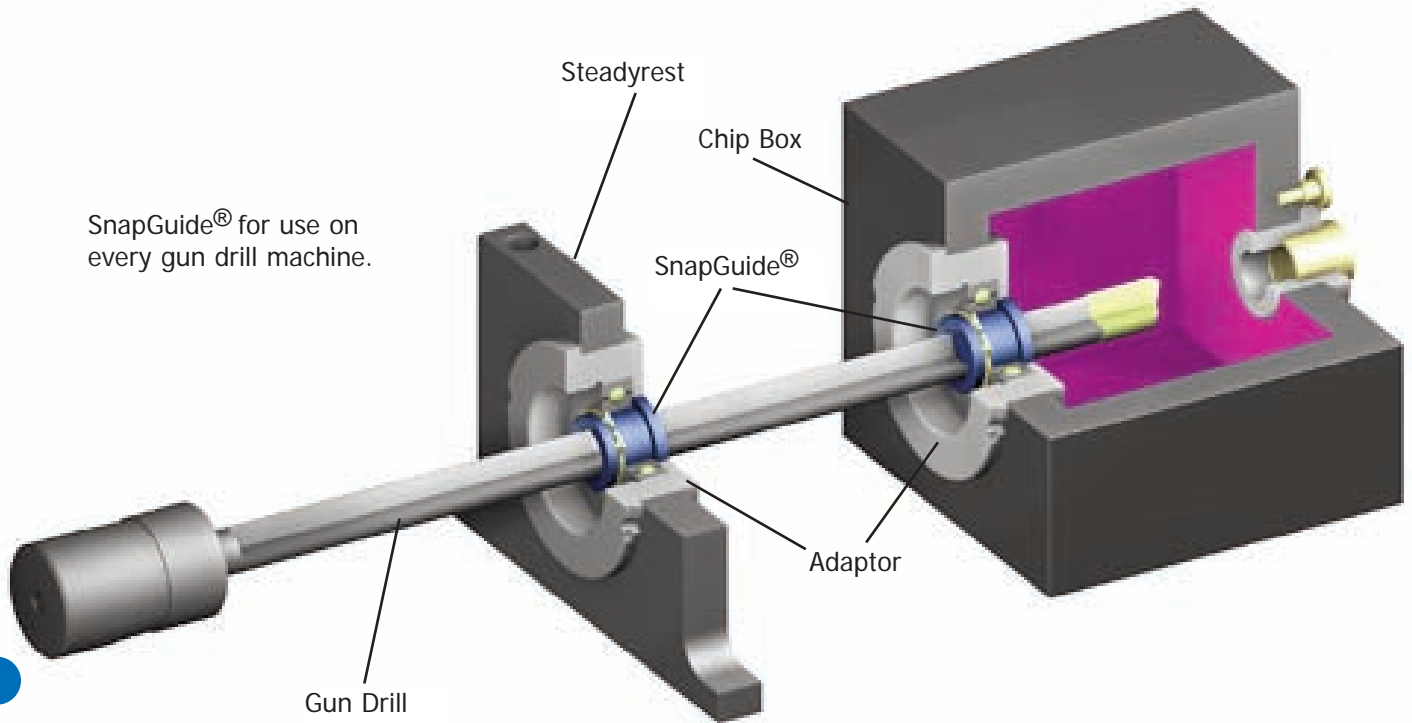
[www.gundrill.com](http://www.gundrill.com)

[sales@gundrill.com](mailto:sales@gundrill.com)



# SnapGuide®

Quick-change support bushing held in place with snap ring.



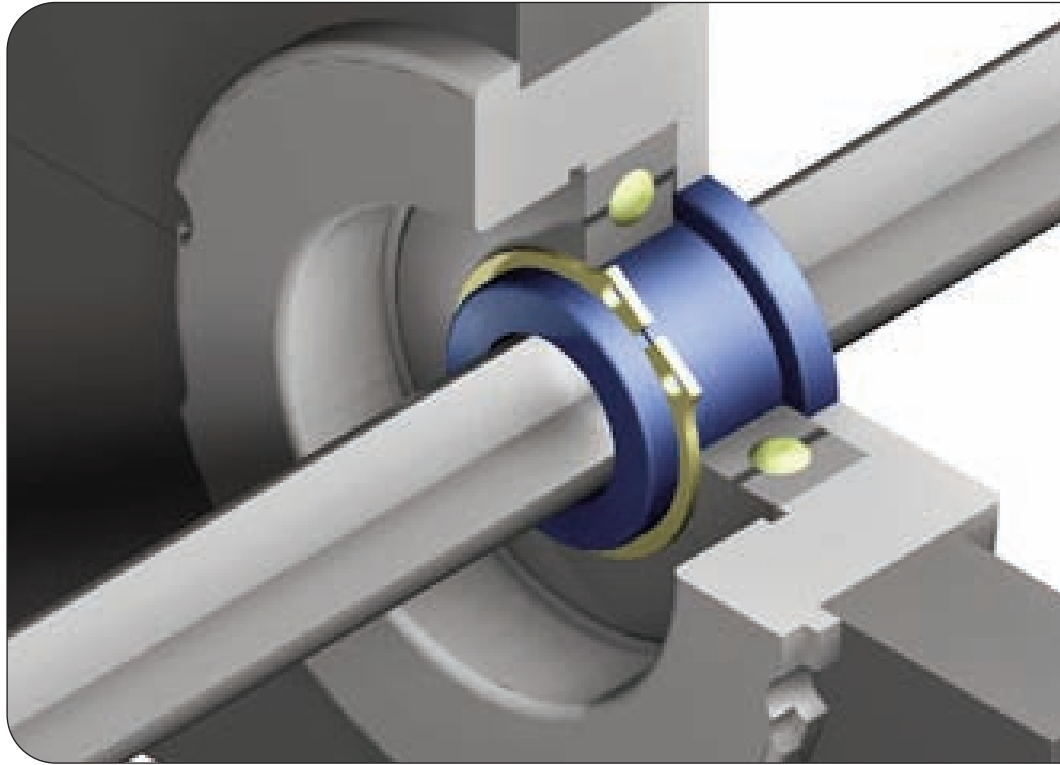
## Chip Box

Flexible plastic SnapGuide® bushings stretch over carbide gun drill tip and contract over steel tube to stop drill whipping and vibration. Contoured hole in SnapGuide® forms perfect seal on gun drill.

Our signature **Blue Bushings®** always guarantee you top quality.

# Steadyrest

SnapGuide® with round holes are used in the steadyrest. This speeds drill loading by eliminating the need to orient the contoured hole in the SnapGuide® with the drill. Extra clearance in SnapGuide® allows drill tip to slide through easier. Also helps prevent steadyrest from being dragged out of position.

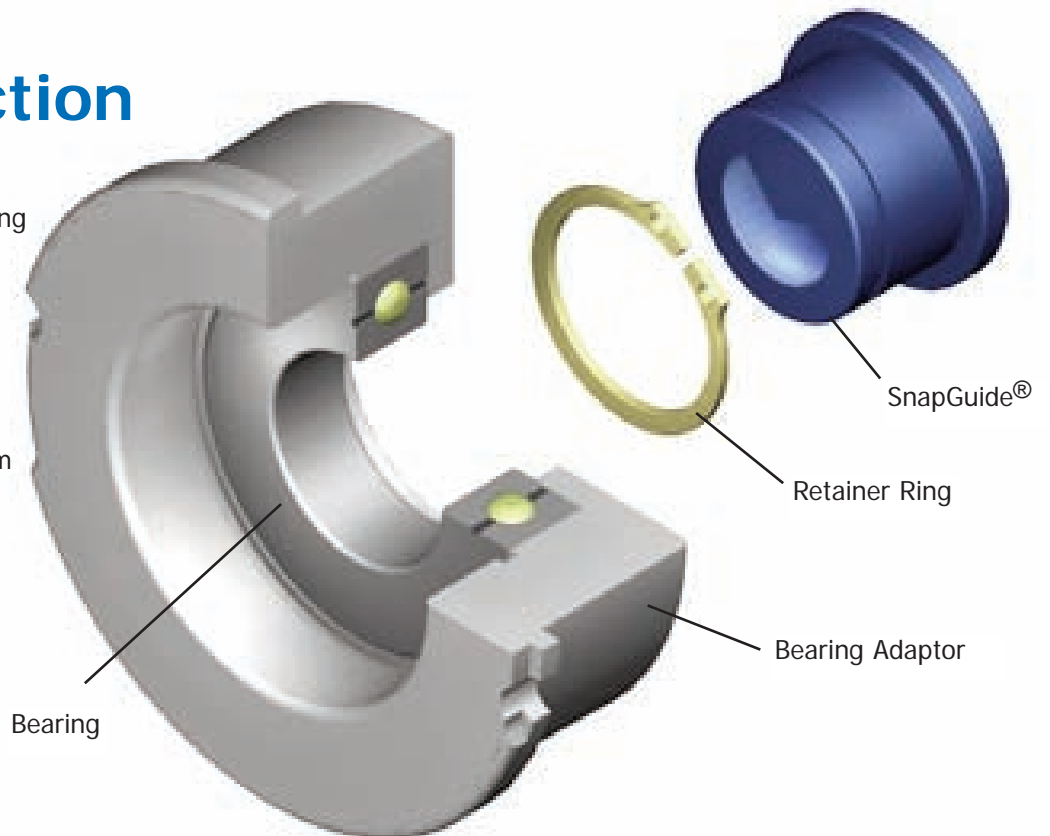


# Set Up Reduction

Each bearing holder has large drill range capacity reducing or eliminating holder change-overs on machine.

## SnapGuide® Drill Range

- 17mm OD - 1,70 mm - 13,00 mm
- 20mm OD - 1,70 mm - 16,00 mm
- 30mm OD - 2,90 mm - 26,99 mm
- 45mm OD - 20,80 mm - 38,69 mm
- 75mm OD - 38,70 mm - 51,00+ mm



# 17 mm OD SnapGuide®

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[Click here to request free 17mm OD SnapGuide sample](#)

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## NOTE

All SnapGuide® bushings shaded red have round holes. Contour hole bushings in these ranges may contribute to premature drill breakage. Call us for contour bushings in this range and we will review your application.

The **BEST** SnapGuide® to use when drilling any hole 13,499 or smaller.

**PRICING - US Dollars**  
17mm OD Bushing

Bushing ID	Standard Part No.	Drill Range	Steadyrest Part No.	Bushing ID
0,80	0,8R-17		0,8R-17	0,80
1,20	1,2R-17		1,2R-17	1,20
1,40	1,4R-17		1,4R-17	1,40
1,67	1,67R-17		1,67R-17	1,67
1,77	1,77R-17		1,77R-17	1,77
1,87	1,87R-17	1,85 - 1,999	1,87R-17	1,87
1,97	1,97R-17	2,00 - 2,099	1,97R-17	1,97
2,07	2,07R-17	2,10 - 2,199	2,07R-17	2,07
2,17	2,17R-17	2,20 - 2,299	2,17R-17	2,17
2,27	2,27R-17	2,30 - 2,399	2,27R-17	2,27
2,37	2,37R-17	2,40 - 2,499	2,37R-17	2,37
2,47	2,47R-17	2,50 - 2,599	2,47R-17	2,47
2,57	2,57R-17	2,60 - 2,699	2,57R-17	2,57
2,67	2,67R-17	2,70 - 2,799	2,67R-17	2,67
2,8	2,8R-17	2,80 - 3,099	2,8R-17	2,8
3,0	3,0R-17	3,10 - 3,359	3,0R-17	3,0
3,2	3,2R-17	3,36 - 3,459	3,2R-17	3,2
3,4	3,4R-17	3,46 - 3,799	3,4R-17	3,4
3,5	3,5R-17		3,5R-17	3,5
3,65	3,65R-17	3,80 - 3,959	3,65R-17	3,65
3,8	3,8R-17	3,96 - 4,259	3,8R-17	3,8
3,87	3,87-17			
4,07	4,07-17	4,26 - 4,499	4,0R-17	4,27
4,27	4,27-17	4,50 - 4,749	4,27R-17	4,47
4,47	4,47-17	4,75 - 4,999	4,47R-17	4,6
4,67	4,67-17			
4,87	4,87-17	5,00 - 5,249	4,8R-17	5,0
5,07	5,07-17	5,25 - 5,499	5,0R-17	5,2
5,27	5,27-17	5,50 - 5,749	5,2R-17	5,4
5,47	5,47-17	5,75 - 5,999	5,47R-17	5,47
5,67	5,67-17		5,67R-17	5,67
5,75	5,75-17	6,00 - 6,249	5,75R-17	5,75
6,0	6,0-17	6,25 - 6,449	6,0R-17	6,0
6,25	6,25-17	6,45 - 6,749	6,25R-17	6,25
6,6	6,6-17	6,75 - 7,299	6,6R-17	6,6
6,9	6,9-17	7,30 - 7,599	6,9R-17	6,9
7,2	7,2-17	7,60 - 7,799	7,2R-17	7,2
7,5	7,5-17	7,80 - 7,999	7,45R-17	7,45
7,8	7,8-17	8,00 - 8,699	7,8R-17	7,8
8,15	8,15-17		8,15R-17	8,15
8,45	8,45-17	8,70 - 8,999	8,45R-17	8,45
8,65	8,65-17	9,00 - 9,299	8,65R-17	8,65
9,15	9,15-17	9,30 - 9,699	9,15R-17	9,15
9,45	9,45-17	9,70 - 9,999	9,45R-17	9,45
9,75	9,75-17	10,00 - 10,299	9,75R-17	9,75
10,05	10,05-17	10,30 - 10,799	10,05R-17	10,05
10,45	10,45-17	10,80 - 11,299	10,45R-17	10,45
10,85	10,85-17	11,30 - 11,799	10,85R-17	10,9
11,15	11,15-17		11,15R-17	11,15
11,55	11,55-17	11,80 - 12,399	11,55R-17	11,55
11,75	11,75-17		11,75R-17	11,75
12,1	12,1-17	12,40 - 12,899	12,1R-17	12,1

Bearing dimensions 35 mm OD x 10 mm wide x 17 mm bore

### Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings	Snap Rings
\$6.15	\$5.62	\$4.55	\$3.48	\$8.56 (6003-2RS)	\$.27 (DSH-17)

Bushing ID	Chip Box SnapGuide® Standard Part No.	Appropriate Drill Sizes Drill Range	Steady Rest SnapGuide® Steadyrest Part No.	Bushing ID
1,8	1,8R-20		1,8R-20	1,8
1,9	1,9R-20	1,85 - 1,999	1,9R-20	1,9
2,0	2,0R-20	2,00 - 2,099	2,0R-20	2,0
2,1	2,1R-20	2,10 - 2,199	2,1R-20	2,1
2,2	2,2R-20	2,20 - 2,299	2,2R-20	2,2
2,3	2,3R-20	2,30 - 2,399	2,3R-20	2,3
2,4	2,4R-20	2,40 - 2,499	2,4R-20	2,4
2,5	2,5R-20	2,50 - 2,599	2,5R-20	2,5
2,6	2,6R-20	2,60 - 2,699	2,6R-20	2,6
2,7	2,7R-20	2,70 - 2,799	2,7R-20	2,7
2,8	2,8R-20	2,80 - 3,099	2,8R-20	2,8
3,0	3,0R-20	3,10 - 3,359	3,0R-20	3,0
3,2	3,2R-20	3,36 - 3,459	3,2R-20	3,2
3,4	3,4R-20	3,46 - 3,559	3,4R-20	3,4
3,5	3,5R-20	3,56 - 3,959	3,5R-20	3,5
3,8	3,8R-20	3,96 - 4,259	3,8R-20	3,8
4,0	4,0R-20	4,26 - 4,499	4,0R-20	4,0
4,2	4,2R-20	4,50 - 4,749	4,2R-20	4,2
4,27	4,27-20		4,4R-20	4,4
4,47	4,47-20	4,75 - 4,999	4,47R-20	4,47
			4,6R-20	4,6
4,67	4,67-20	5,00 - 5,249	4,67R-20	4,67
			4,8R-20	4,8
4,87	4,87-20			
5,07	5,07-20	5,25 - 5,449	5,0R-20	5,2
5,27	5,27-20	5,50 - 5,749	5,2R-20	5,4
5,47	5,47-20	5,75 - 5,999	5,47R-20	5,47
5,67	5,67-20		5,67R-20	5,6
5,75	5,75-20	6,00 - 6,249	5,75R-20	5,75
6,0	6,0-20	6,25 - 6,449	6,0R-20	6,0
6,25	6,25-20	6,45 - 6,749	6,25R-20	6,25
6,6	6,6-20	6,75 - 7,299	6,6R-20	6,6
6,9	6,9-20	7,30 - 7,599	6,9R-20	6,9
7,2	7,2-20	7,60 - 7,799	7,2R-20	7,2
7,5	7,50-20	7,80 - 7,999	7,5R-20	7,5
7,8	7,8-20	8,00 - 8,699	7,80R-20	7,8
			8,0R-20	8,0
8,15	8,15-20		8,15R-20	8,15
8,45	8,45-20	8,70 - 8,999	8,45R-20	8,45
8,65	8,65-20	9,00 - 9,299	8,65R-20	8,65
9,15	9,15-20	9,30 - 9,699	9,15R-20	9,15
9,45	9,45-20	9,70 - 9,999	9,45R-20	9,45
9,65	9,65-20			
9,75	9,75-20	10,00 - 10,299	9,75R-20	9,75
10,05	10,05-20	10,30 - 10,799	10,05R-20	10,05
10,45	10,45-20	10,80 - 11,299	10,45R-20	10,45
10,85	10,85-20	11,30 - 11,799	10,85R-20	10,85
11,15	11,15-20		11,15R-20	11,15
11,55	11,55-20	11,80 - 12,399	11,55R-20	11,55
11,75	11,75-20	12,40 - 12,899	11,75R-20	11,75
12,4	12,4-20	12,90 - 13,399	12,4R-20	12,4
12,8	12,8-20	13,40 - 13,899	12,8R-20	12,8
13,3	13,3-20	13,90 - 14,399	13,3R-20	13,3
13,8	13,8-20	14,40 - 14,899	13,8R-20	13,8
14,3	14,3-20	14,90 - 15,399	14,3R-20	14,3
14,8	14,8-20	15,40 - 15,899	14,8R-20	14,8
15,25	15,25-20		15,25R-20	15,25
15,4	15,4-20	15,90 - 16,399	15,4R-20	15,4

Bearing dimensions 42 mm OD x 12 mm wide x 20 mm bore

**Quantity discounts for individual sizes only**

1-24	25-47	48-99	100+	Bearings	Snap Rings
\$7.22	\$5.89	\$4.82	\$3.75	\$10.70 (6004-2RS)	\$.27 (DSH-20)

# 20 mm OD SnapGuide®

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**NOTE**  
All SnapGuide® bushings shaded red have round holes. Contour hole bushings in these ranges may contribute to premature drill breakage. Call us for contour bushings in this range and we will review your application.

The **BEST** SnapGuide® to use for any hole smaller than 16,399 but larger than 13,499. Also best when a bushing with total range of 1,70 - 16,399 is required.

**PRICING - US Dollars**  
20mm OD Bushing





# 30mm OD SnapGuide®

**CONTINUED**



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## NOTE

All SnapGuide® bushings shaded red have round holes. Contour hole bushings in these ranges may contribute to premature drill breakage. Call us for contour bushings in this range and we will review your application.

The **BEST** SnapGuide® for large holes up to 26,99. Excellent job shop bushing with largest range of any of our bushings. Drill range is 2,40 - 26,99.

**PRICING - US Dollars**  
30mm OD Bushing



Bushing ID



Standard Part No.

Appropriate Drill Sizes

Drill Range

Steady Rest



Steadyrest Part No.



Bushing ID

Bushing ID	Standard Part No.	Drill Range	Steadyrest Part No.	Bushing ID
16,0	16,0-30	16,40 - 16,899	15,9R-30	15,9
16,4	16,4-30	16,90 - 17,399	16,0R-30	16,0
			16,4R-30	16,4
			16,9R-30	16,9
17,2	17,2-30	17,40 - 18,399	17,2R-30	17,2
18,0	18,0-30	18,40 - 19,509	17,9R-30	17,9
18,8	18,8-30	19,51 - 20,509	18,8R-30	18,8
			19,1R-30	19,1
19,75	19,75-30	20,51 - 21,509	19,75R-30	19,75
			19,9R-30	19,9
20,8	20,8-30	21,51 - 22,609	20,8R-30	20,8
			21,2R-30	21,2
21,5	21,5-30		21,5R-30	21,5
21,7	21,7-30		21,8R-30	21,8
22,0	22,0-30	22,61 - 23,609	22,0R-30	22,0
			22,35R-30	22,35
22,7	22,7-30		22,7R-30	22,7
			22,8R-30	22,8
23,0	23,0-30	23,61 - 24,609	23,0R-30	23,0
			23,35R-30	23,35
23,7	23,7-30			
.937	23,8-30		23,8R-30	23,8
24,0	24,0-30	24,61 - 25,609	24,0R-30	24,0
24,4	24,4-30		24,4R-30	24,4
24,9	24,9-30	25,61 - 26,609	24,9R-30	24,9

Bearing dimensions 55mm OD x 13mm wide x 30mm bore.

**Note:** 30 mm OD x 16 mm wide bushings also in stock. To order insert the letter "L" in front of any of the above part numbers. Example- 24,9-30 becomes L24,9-30.

## Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings	Snap Rings
\$8.29	\$6.96	\$6.42	\$5.89	\$13.91 (6006-2RS)	\$.27 (DSH-30)



The color blue is a registered trademark of International Drill Guide, Inc.

Pricing and specifications subject to change with out notice.

Can't find the special bushing you need? Let us quote it!

# 45 mm OD SnapGuide®

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**NOTE**  
All SnapGuide® bushings shaded red have round holes. Contour hole bushings in these ranges may contribute to premature drill breakage. Call us for contour bushings in this range and we will review your application.

For Drills from 3,56 - 42,699 mm

**PRICING - US Dollars**  
45mm OD Bushing

Bushing ID	Standard Part No.	Drill Range	Steadyrest Part No.	Bushing ID
3,4	3,4R-45	3,56 - 3,799	3,4R-45	3,4
4,5	4,5R-45	4,75 - 4,999	4,5R-45	4,5
4,75	4,75R-45	5,00 - 5,249	4,75R-45	4,75
5,75	5,75-45	6,00 - 6,249	5,75R-45	5,75
6,0	6,0-45	6,25 - 6,449	6,0R-45	6,0
6,7	6,7-45	7,00 - 7,299	6,7R-45	6,7
7,3	7,3-45	7,60 - 7,799	7,3R-45	7,3
7,7	7,7-45	8,00 - 8,299	7,7R-45	7,7
8,7	8,7-45	9,00 - 9,299	8,7R-45	8,7
9,0	9,0-45	9,30 - 9,699		
9,7	9,7-45	10,00 - 10,299	9,7R-45	9,7
10,0	10,0-45	10,30 - 10,799		
10,5	10,5-45	10,80 - 11,299		
11,0	11,0-45	11,30 - 11,799		
11,5	11,5-45	11,80 - 12,399		
12,0	12,0-45	12,40 - 12,899	12,0R-45	12,0
12,5	12,5-45	12,90 - 13,399		
13,0	13,0-45	13,40 - 13,899	13,0R-45	13,0
13,5	13,5-45	13,90 - 14,399	13,5R-45	12,5
14,0	14,0-45	14,40 - 14,899		
14,5	14,5-45	14,90 - 15,399		
15,0	15,0-45	15,40 - 15,899		
15,5	15,5-45	15,90 - 16,399	15,5R-45	15,5
16,0	16,0-45	16,40 - 16,899		
16,5	16,5-45	16,90 - 17,399		
17,0	17,0-45	17,40 - 17,899	17,0R-45	17,0
17,5	17,5-45	17,90 - 18,399	17,5R-45	17,5
18,0	18,0-45	18,40 - 19,509	18,0R-45	18,0
19,0	19,0-45	19,51 - 20,509	19,0R-45	19,0
19,8	19,8-45	20,51 - 21,509	19,8R-45	19,8
20,8	20,8-45	21,51 - 22,609	20,8R-45	20,8
21,8	21,8-45	22,61 - 23,609	21,8R-45	21,8
23,0	23,0-45	23,61 - 24,609	23,0R-45	23,0
			23,4R-45	23,4
24,0	24,0-45	24,61 - 25,609	24,0R-45	24,0
25,0	25,0-45	25,61 - 26,609	25,0R-45	25,0
26,0	26,0-45	26,61 - 27,609	26,0R-45	26,0
			26,1R-45	26,1
27,0	27,0-45	27,61 - 28,609	27,0R-45	27,0
28,0	28,0-45	28,61 - 29,609	28,0R-45	28,0
29,0	29,0-45	29,61 - 30,609	29,0R-45	29,0
30,0	30,0-45	30,61 - 32,609	30,0R-45	30,0
31,0	31,0-45		31,0R-45	31,0
32,0	32,0-45	32,61 - 34,699	32,0R-45	32,0
			33,0R-45	33,0
34,0	34,0-45	34,70 - 36,699	34,0R-45	34,0
			35,4R-45	35,4
36,0	36,0-45	36,70 - 38,699	36,0R-45	36,0
37,0	37,0-45		37,0R-45	37,0
38,0	38,0-45	38,70 - 42,699	38,0R-45	38,0

Bearing dimensions: 75 mm OD x 16 mm wide x 45 mm bore

Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings	Snap Rings
\$10.70	\$10.17	\$9.10	\$8.56	\$32.10 (6009-2RS)	\$.96 (DSH-45)

# 75 mm OD SnapGuide®

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Bushing for drills from 39,11-51,00 +

**PRICING US Dollars**  
75mm OD Bushing

Bushing ID	Standard Part No.	Drill Range	Steadyrest Part No.	Bushing ID
38,0	38,0-75	38,70 - 42,699	38,0R-75	38,0
39,0	39,0-75		39,0R-75	39,0
40,0	40,0-75		40,0R-75	40,0
41,0	41,0-75		41,0R-75	41,0
42,0	42,0-75	42,70 - 45,699	42,0R-75	42,0
43,0	43,0-75		43,0R-75	43,0
44,0	44,0-75		44,0R-75	44,0
45,0	45,0-75	45,70 - 48,999	45,0R-75	45,0
46,0	46,0-75		46,0R-75	46,0
47,0	47,0-75		47,0R-75	47,0
48,0	48,0-75	49,00 +	48,0R-75	48,0
49,0	49,0-75		49,0R-75	49,0
50,0	50,0-75		50,0R-75	50,0
51,1	51,1-75		51,1R-75	51,1
			56,0R-75	56,0
			62,0R-75	62,0

Bearing OD 115 mm x 20 mm wide x 75 mm bore

### Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings	Snap Rings
\$11.77	\$11.24	\$10.17	\$9.63	\$95.23 (6015-2RS)	\$1.66 DSH-75



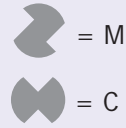
# 2 FLUTE SnapGuide®



Bushing  
ID



Bushing  
OD



Shape & Part #

Appropriate  
Drill  
Sizes

Drill  
Diameter

Bearing  
Number

Bearing  
OD

3,4036	17mm	C	3,4-2-17	3,60mm	6003-2RS	35mm
4,6736	"	C	4,7-2-17	5,1562	"	"
5,207	"	C	5,2-2-17	5,3848	"	"
5,3848	"	C	5,4-2-17	5,5626	"	"
5,969	"	C	6,0-2-17	6,35	"	"
6,86	"		6,85-2-17	"	"	"
10,3378	"	M	10,35-2-17	10,7442	"	"
12,0904	"	C	12,1-2-17	12,70	"	"
6,731	"	C	6,7-2-20	7,00mm	6004-2RS	42mm
9,35	"		9,35-2-20	"	"	"
12,09	"		12,1-2-20	"	"	"
12,4206	"	C	12,4-2-20	12,9286	"	"
8,4328	30mm	M	8,4-2-30	8,5852	6006-2RS	55mm
8,71	"		8,7-2-30	"	"	"
8,8138	"	M	8,81-2-30	9,6012	"	"
8,89	"	C	8,9-2-30	9,6012	"	"
9,60	"		9,6-2-30	"	"	"
9,906	"	C	9,9-2-30	10,0076	"	"
10,6172	"	M	10,3-2-30	11,0998	"	"
10,7188	"	M	10,7-2-30	10,9982	"	"
12,09	"		12,1-2-30	"	"	"
16,5862	"	M	16,6-2-30	17,4752	"	"
18,796	"	M	18,88-2-30	19,2786	"	"
18,9992	"	M	19,0-2-30	19,4818	"	"
19,41	"		19,4-2-30	"	"	"
20,9804	"	C	21,0-2-30	21,6916	"	"
24,4094	45mm	M	24,4-2-45	25,40	6009-2RS	75mm



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### Quantity discounts for individual sizes only

Part Numbers	1-24	25-47	48-99	100+	Bearing #	Price Each
4,7-2-17 thru 12,1-2-17	\$6.15	\$5.62	\$4.55	\$3.48	6003-2RS	\$8.56
6,7-20 thru 12,4-2-20	\$7.22	\$5.89	\$4.82	\$3.75	6004-2RS	\$10.70
8,81-2-30 thru 19,0-2-30	\$8.29	\$6.96	\$6.42	\$5.89	6006-2RS	\$13.91
24,4-2-45	\$10.70	\$10.17	\$9.10	\$8.56	6009-2RS	\$32.10

PRICING - US Dollars  
2 Flute SnapGuide®



SnapGuide®



Appropriate  
Drill  
Sizes

Bushing ID	Standard Part No.	Drill Range	Fits BTA Tube Dia.	Required Bearing	Bearing OD
6,9	6,9R-30	8,00 - 8,99	7,0	6006-2RS	55mm
8,15	8,15R-30	9,00 - 9,99	8,3	"	"
8,9	8,9R-30	10,00 - 10,99	9,0	"	"
9,9	9,9R-30	11,00 - 11,99	10,0	"	"
10,9	10,9R-30	12,00 - 13,59	11,0	"	"
11,9	11,9R-30	13,60 - 14,59	12,0	"	"
12,9	12,9R-30	14,60 - 15,59	13,0	"	"
13,9	13,9R-30	15,60 - 16,69	14,0	"	"
14,9	14,9R-30	16,70 - 17,69	15,0	"	"
15,9	15,9R-30	17,70 - 18,89	16,0	"	"
16,9	16,9R-30	18,90 - 19,99	17,0	"	"
17,9	17,9R-30	20,00 - 21,79	18,0	"	"
19,9	19,9R-30	21,80 - 24,08	20,0	"	"
21,9	21,9R-30	24,10 - 26,39	22,0	"	"
24,0	24,0R-30	26,40 - 28,69	24,0	"	"
26,0	26,0R-45	28,70 - 30,99	26,0	6009-2RS	75mm
28,0	28,0R-45	31,00 - 33,29	28,0	"	"
30,0	30,0R-45	33,30 - 36,19	30,0	"	"
33,0	33,0R-45	36,20 - 39,59	33,0	"	"
36,0	36,0R-45	39,60 - 42,99	36,0	"	"
39,0	39,0R-75	43,00 - 46,99	39,0	6015-2RS	115mm
43,0	43,0R-75	47,00 - 51,69	43,0	"	"
47,0	47,0R-75	51,70 - 56,19	47,0	"	"
51,0	51,0R-75	56,20 - 64,99	51,0	"	"
56,0	56,0R-75	65,00 - 66,99	56,0	"	"
62,0	62,0R-75	67,00 - 72,99	62,0	"	"

# BTA

## SnapGuide®



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### Quantity discounts for individual sizes only

Part Numbers	1-24	25-47	48-99	100+	Bearing #	Price Each	Snap Ring
6,9R-30 thru 24,0R-30	\$8.29	\$6.96	\$6.42	\$5.89	6006-2RS	\$13.91	\$.27 DSH-30
26,0R-45 thru 36,0R-45	\$10.70	\$10.17	\$9.10	\$8.56	6009-2RS	\$32.10	\$.96 DSH-45
39,0R-75 thru 62,0R-75	\$11.77	\$11.24	\$10.17	\$9.63	6015-2RS	\$95.23	\$1.66 DSH-75

**PRICING**  
US Dollars  
BTA Bushings

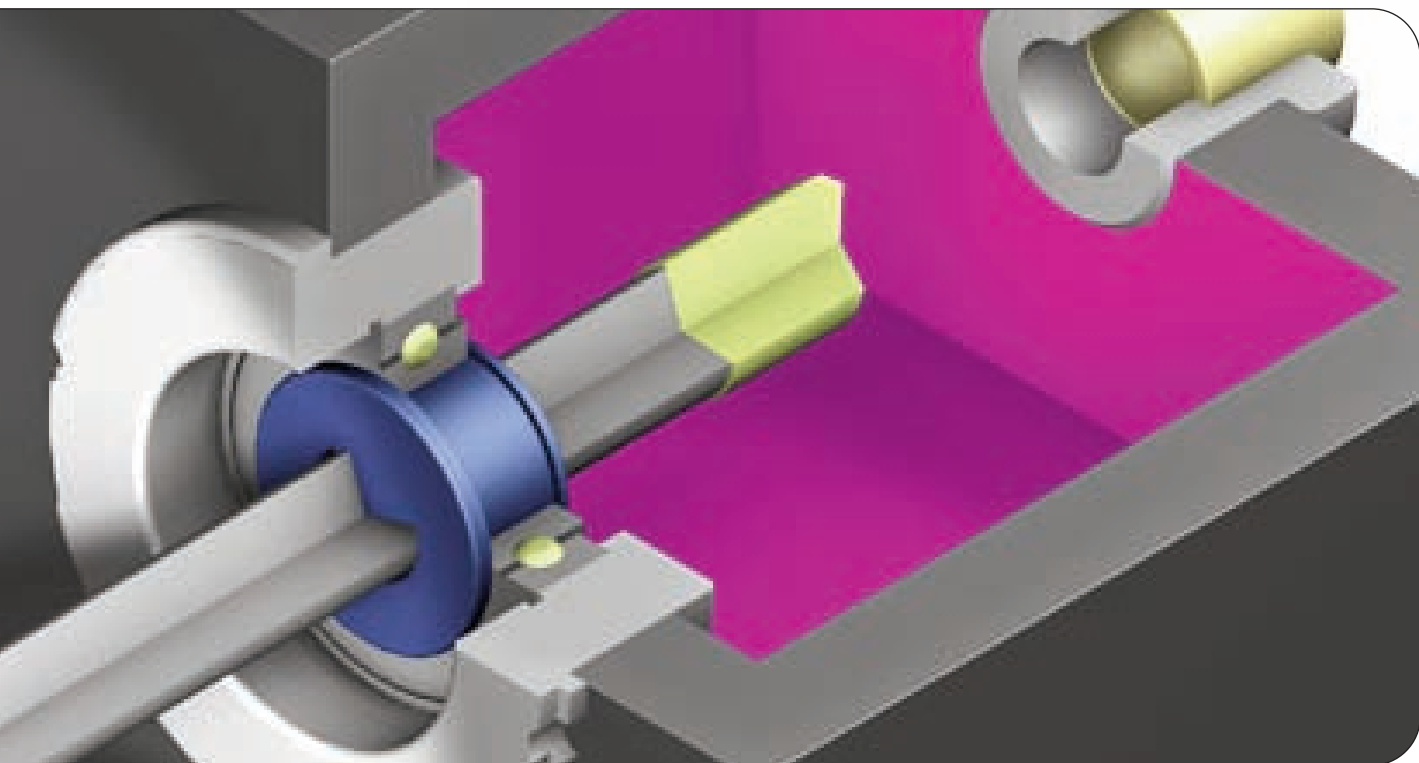
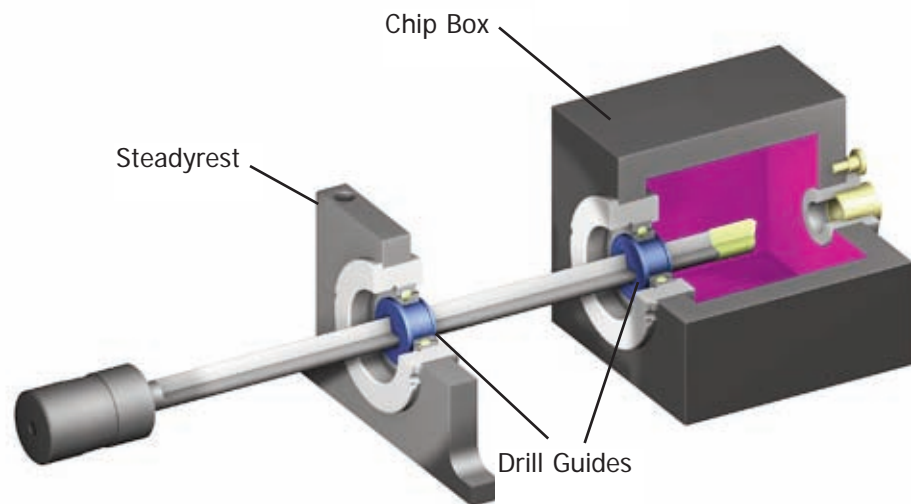
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BTA bushings are round hole bushings designed to be used on the steadyrest of BTA drilling machines. They support the drill tube with a slight compression fit and help limit vibration.



# About Drill Guides

Flexible plastic Drill Guide bushings stop drill whipping and seal the chip box by stretching over the carbide drill tip and contracting onto the steel drill body. They are typically mounted in a bearing and rotate with the drill. This is our first and oldest product and is still used by many customers to maximize penetration rates, accuracy, and stop vibration. These bushings perform the same function as our SnapGuide®. Our signature **Blue Bushings®** guarantee you top quality.





Appropriate  
Drill  
Sizes

Bushing ID	Drill Guide Part No.	Drill Range	Bearing ID	Bearing OD
1,78	A100	1,85 - 1,999	8	24
2,03	A110	2,00 - 2,299		
2,29	A120	2,30 - 2,599		
2,67	A130	2,60 - 3,099		
3,05	A140	3,10 - 3,459		
3,30	A150	3,46 - 3,799		
3,56	A160	3,80 - 3,959		
3,96	A170	3,96 - 4,499		
4,34	A180	4,50 - 4,999		
4,75	A190	5,00 - 5,499		
	A192			
5,00	B090	5,25 - 5,490		
5,16	B100	5,50 - 5,749	15	35
5,56	B110	5,75 - 6,249		
6,02	B120	6,25 - 6,749		
6,35	B130	6,75 - 6,999		
6,68	B140	7,00 - 7,299		
7,14	B150	7,03 - 7,799		
7,57	B160	7,80 - 8,299		
7,98	B170	8,30 - 8,699		
8,33	B174	8,70 - 8,999		
8,71	B180	9,00 - 9,299		
9,07	B190	9,30 - 9,699		
9,53	B200	9,70 - 10,299		
9,91	B210	10,30 - 10,799		
6,35	C020	6,75 - 6,999		
10,31	C100	10,80 - 11,299	20	47
10,90	C110	11,30 - 11,799		
11,10	C120			
11,51	C130	11,80 - 12,399		
11,89	C140	12,40 - 12,899		
12,29	C150	12,90 - 13,399		
12,70	C160			
12,93	C170	13,40 - 13,899		
13,49	C180	13,90 - 14,399		
13,87	C190	14,40 - 14,899		
14,27	C200	14,90 - 15,399		
11,84	D030	12,40 - 12,899	25	52
12,24	D050	12,90 - 13,399		
12,95	D070	13,40 - 13,899		
14,68	D100			
15,06	D110	15,40 - 15,899		
15,47	D120	15,90 - 16,399		
15,88	D130	16,40 - 16,899		
16,26	D140	16,90 - 17,399		
16,66	D150			
17,04	D160	17,40 - 17,899		
17,45	D170	17,90 - 18,399		
17,86	D180	18,4 - 19,509		
18,24	D190			
13,87	E050	14,40 - 14,899		
14,27	E070	14,90 - 15,399		
17,86	E090	18,40 - 19,509	35	72
18,24	E100			
18,64	E110			
19,05	E120	19,51 - 20,509		
19,43	E130			
19,84	E140	20,51 - 21,509		
20,22	E150			
20,62	E160			

# Drill Guide Parts



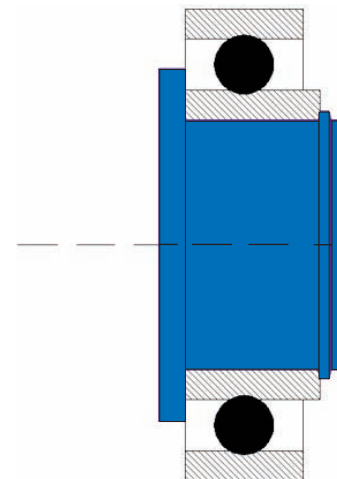
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## NOTE

Drill Guides are also available in a softer material by placing an "S" at the end of the part # example A100S

Continued on next page

# Drill Guide Parts

**CONTINUED**

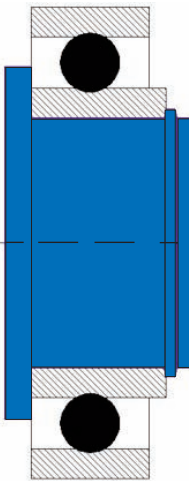


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Bushing  
ID

Drill Guide  
Part No.

Appropriate  
Drill  
Sizes

Drill Range

Bearing  
ID

Bearing  
OD

21,03	E170	21,51 - 22,609		
21,41	E180			
21,82	E190	22,61 - 23,609		
22,23	E200			
22,61	E210			
23,01	E220	23,61 - 24,609		
23,39	E230		35	72
23,80	E240	24,61 - 25,609		
24,21	E250			
24,59	E260	25,61 - 26,609		
25,60	E280	26,61 - 27,609		
27,25	E290	27,61 - 28,609		
28,91	E300	28,61 - 29,609		
30,05	E310	30,61 - 32,609		
24,51	F100	24,61 - 25,609	45	85
25,10	F104	25,61 - 26,609		
25,53	F110			
26,11	F114	26,61 - 27,609		
27,05	F120	27,61 - 28,609		
28,83	F130	28,61 - 29,609		
29,08	F134	29,61 - 30,609		
29,97	F140	30,61 - 32,609		
31,37	F150			
32,39	F160	32,61 - 34,699		
33,15	F170			
33,91	F180			
34,19	F190	34,70 - 36,699		
35,00	F200			
34,67	G090		55	100
35,56	G100			
36,58	G110	36,70 - 38,699		
37,47	G120	38,70 - 42,699		
39,24	G130			
42,29	G140	42,70 - 45,699		
43,69	H100		65	120
45,85	H110	45,70 - 48,999		
48,90	H120	49,00+		
51,69	H130			
55,37	H140			

## PRICING - US Dollars Drill Guide Parts

### Quantity discounts for individual sizes only

Part #	1-9	10-24	25-47	48-99	100+	Bearing #	Price Each
A100-A190	\$8.83	\$7.22	\$5.62	\$4.55	\$3.21	87008	\$14.98
B100-B210	\$8.83	\$7.22	\$5.62	\$4.55	\$3.48	87502	\$14.98
C100-C200	\$9.10	\$7.49	\$5.89	\$4.82	\$3.75	87504	\$21.40
D030-D190	\$9.36	\$8.29	\$6.96	\$6.42	\$5.89	87505	\$23.54
E090-E310	\$9.63	\$8.56	\$8.03	\$6.96	\$6.42	87507	\$36.38
F100-F200	\$11.24	\$10.43	\$9.36	\$8.83	\$8.29	87509	\$49.22
090-G140	\$12.31	\$11.50	\$10.43	\$9.90	\$9.36	6211-2RS	\$58.85
H100-H140	\$13.38	\$12.57	\$11.50	\$11.24	\$10.43	6213-2RS	\$75.97

### NOTE

Drill Guides are also available in a softer material by placing an "S" at the end of the part # example A100S

"G" and "H" series parts also available to fit old style 211KLD and 213KLD. Call for details.



# Drill Guide Parts

## Two Flute & Special Bushings



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Bushing ID & Shape	Drill Guide Part No.	Drill Diameter	Bearing ID	Bearing OD
1,45 R	R057	1,52 - 1,650	8	24
1,83 R	R072	1,85 - 1,999		
1,93 R	R076	2,00 - 2,099		
2,03 R	R080	2,10 - 2,199		
2,11 R	R083	2,20 - 2,299		
2,21 R	R087	2,30 - 2,399		
2,31 R	R091	2,40 - 2,499		
2,41 R	R095	2,50 - 2,599		
2,54 R	R100	2,60 - 2,699		
2,67 R	R105	2,70 - 2,899		
2,79 R	R110	2,90 - 3,099		
2,92 R	R115			
3,02 R	R119	3,10 - 3,359		
3,40 R	R134	3,46 - 3,799		
4,29 R	R169	4,50 - 4,749		
4,88 R	R192	5,00 - 5,249		
4,24 C	A185	4,76		
4,50 R	R177	4,75 - 4,999		
4,75 R	R187	5,00 - 5,249		
5,54 R	R218	5,75 - 5,999	15	35
5,84 R	R230	6,00 - 6,249		
5,97 R	R235	6,25 - 6,449		
6,07 R	R239	6,45 - 6,749		
5,54 M	B115	6,35		
6,60 C	B123	7,14		
6,38 M	B135	7,14		
6,60 M	B137	7,14		
7,37 C	B145	7,92		
7,11 M	B155	7,92		
7,24 C	B157	7,92		
7,92 M	B175	8,74		
8,71 M	B195	9,53		
8,84 C	B197	9,53		
9,50 M	B215	10,31		
9,53 C	B217	10,01		
9,60 C	C095	10,20	20	47
9,78 M	C103	10,59		
10,29 M	C105	11,10		
10,46 R	R412			
11,10 M	C125	11,89		
11,89 M	C145	12,70		

Continued on page 18

Note: More round hole bushings on page 19 under BTA Drill Guides

# Drill Guide Parts

Two Flute & Special Bushings

CONTINUED

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PRICING - US Dollars  
Drill Guide Parts  
Two Flute & Special Bushings

Bushing ID & Shape	Drill Guide Part No.	Drill Diameter	Bearing ID	Bearing OD
12,70 M	C165	13,49		
13,46 M	C185	14,27		
13,97 M	C195	14,81		
14,27 M	C205	15,06		
14,86 M	D115	15,88	25	52
15,62 M	D135	16,66		
16,38 M	D155	17,45		
16,89 M	D165	17,70		
17,27 M	D175	18,24		
18,03 M	D185	19,05		
19,61 M	E103	20,62	35	72
19,69 C	E104	20,62		
19,48 M	E105	19,99		
23,50 M	E235	24,00		
25,53 M	E295	27,31		
29,21 M	E305	30,00		
41,88 M	H095			
45,72 M	H097			
47,24 M	H115			
49,48 M	H125			
51,05 M	H135			

Note: More round hole bushings on page 19 under BTA Drill Guides

### Quantity discounts for individual sizes only

Part #	1-9	10-24	25-47	48-99	100+	Bearing #	Price Each
A185	\$8.83	\$7.22	\$5.62	\$4.55	\$3.21	87008	\$14.98
B115-B215	\$8.83	\$7.22	\$5.62	\$4.55	\$3.48	87502	\$14.98
C103-C205	\$9.10	\$7.49	\$5.89	\$4.82	\$3.75	87504	\$21.40
D115-D185	\$9.36	\$8.29	\$6.96	\$6.42	\$5.89	87505	\$23.54
E103-E305	\$9.63	\$8.56	\$8.03	\$6.96	\$6.42	87507	\$36.38
R057-R169	\$8.83	\$7.22	\$5.62	\$4.55	\$3.21	87008	\$14.98
R230-R239	\$8.83	\$7.22	\$5.62	\$4.55	\$3.48	87502	\$14.98



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# BTA

## Drill Guides

Bushing ID	Standard Part No.	Appropriate Drill Sizes Drill Range	Fits BTA Tube Dia.	Required Bearing	Bearing OD
7,0	R276	8,00 - 8,99	7,0	87502	35
8,2	R323	9,00 - 9,99	8,3		
8,9	R350	10,00 - 10,99	9,0		
9,9	R390	11,00 - 11,99	10,0		
10,9	R429	12,00 - 13,59	11,0	87504	47
11,9	R468	13,60 - 14,59	12,0		
12,9	R508	14,60 - 15,59	13,0		
13,9	R547	15,60 - 16,69	14,0		
14,9	R587	16,70 - 17,69	15,0	87505	52
15,9	R626	17,70 - 18,89	16,0		
16,9	R666	18,90 - 19,99	17,0		
17,9	R705	20,00 - 21,79	18,0		
19,9	R783	21,80 - 24,08	20,0	87507	72
21,9	R862	24,10 - 26,39	22,0		
23,9	R941	26,40 - 28,69	24,0		
25,9	R1020	28,70 - 30,99	26,0	87509	85
27,9	R1098	31,00 - 33,29	28,0		
29,9	R1177	33,30 - 36,19	30,0		
32,9	R1295	36,20 - 39,59	33,0		
35,9	R1413	39,60 - 42,99	36,0	6211-2RS	100
38,9	R1531	43,00 - 46,99	39,0		
42,9	R1689	47,00 - 51,69	43,0		
46,9	R1846	51,70 - 56,19	47,0	6213-2RS	120
50,9	R2004	56,20 - 64,99	51,0		
55,9	R2201	65,00 - 66,99	56,0		
61,9	R2437	67,00 - 72,99	62,0		

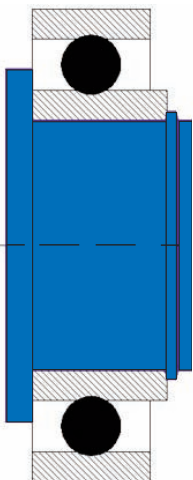
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### Quantity - Quantity discounts for individual sizes only

Part #	1-9	10-24	25-47	48-99	100+	Bearing #	Price Each
R276-R390	\$8.83	\$7.22	\$5.62	\$4.55	\$3.48	87502	\$14.98
R429-R547	\$9.10	\$7.49	\$5.89	\$4.82	\$3.75	87504	\$21.40
R587-R705	\$9.36	\$8.29	\$6.96	\$6.42	\$5.89	87505	\$23.54
R783-R941	\$9.63	\$8.56	\$8.03	\$6.96	\$6.42	87507	\$36.38
R1020-R1413	\$11.24	\$10.43	\$9.36	\$8.83	\$8.29	87509	\$49.22
R1531-R1689	\$12.31	\$11.50	\$10.43	\$9.90	\$9.36	6211-2RS	\$58.85
R1846-R2437	\$13.38	\$12.57	\$11.50	\$11.24	\$10.43	6213-2RS	\$75.97

### PRICING - US Dollars BTA Bushings



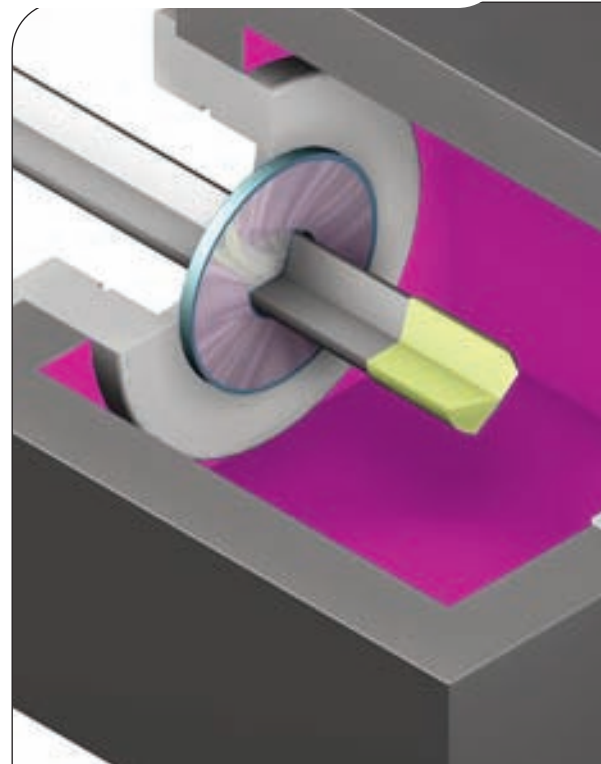
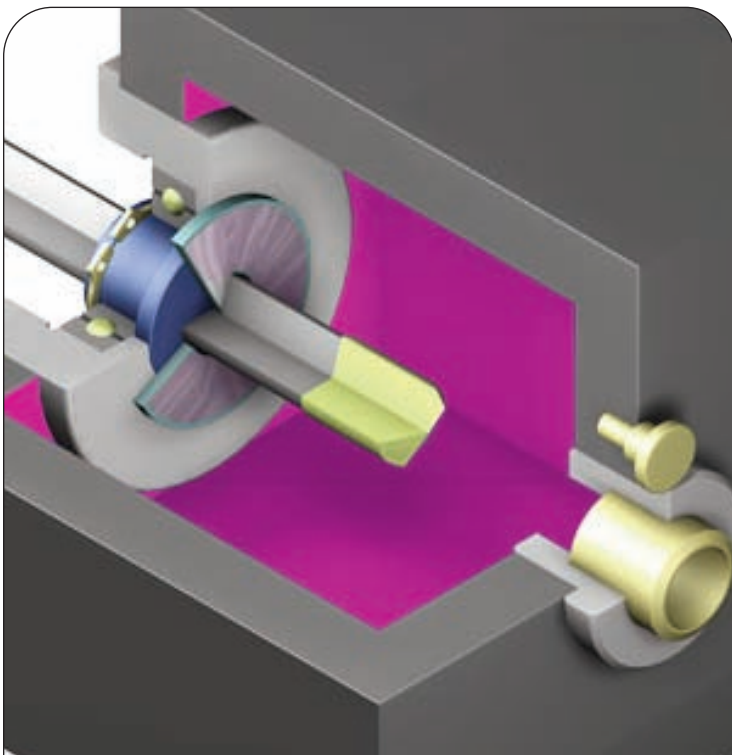
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BTA bushings are round hole bushings designed to be used on the steadyrest of BTA drilling machines. They support the drill tube with a slight compression fit and help limit vibration.

# Chip Deflectors

Chip Deflectors stop metal chips and cutting oil from exiting the back of the chip box. They provide sealing only and no drill support. They are used on gun drill machines on short rigid drills when whipping is not a problem. They are also used in front of a Drill Guide or a SnapGuide® to extend bushing and bearing life. Chip Deflectors feature a hardened steel face bonded to a flexible polymer backing to provide perfect sealing on the drill and long life.

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Appropriate  
Drill  
Sizes

Appropriate  
Drill  
Sizes

Appropriate  
Drill  
Sizes

# Chip Deflectors

Part # Drill Range

Part # Drill Range

Part # Drill Range

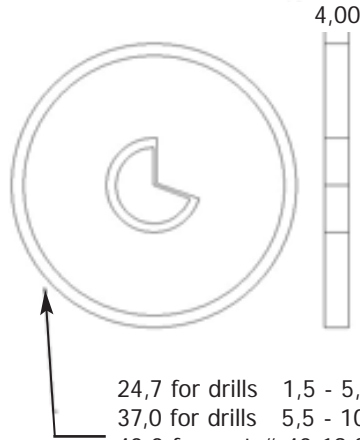
070	1,85 - 1,999
075	2,00 - 2,099
080	2,10 - 2,199
085	2,20 - 2,399
090	2,40 - 2,499
095	2,50 - 2,599
100	2,60 - 2,699
105	2,70 - 2,899
110	2,90 - 3,099
115	
120	3,10 - 3,359
125	3,36 - 3,459
130	3,46 - 3,559
135	3,56 - 3,799
140	3,80 - 3,959
145	
150	3,96 - 4,259
155	4,26 - 4,499
160	
165	4,50 - 4,749
170	
175	4,75 - 4,999
180	
185	5,00 - 5,249
190	
195	5,25 - 5,499
200	
205	5,50 - 5,749
210	
215	5,75 - 5,999
220	
225	6,00 - 6,249
230	
235	6,25 - 6,449
240	
245	6,45 - 6,749
250	
255	6,75 - 6,999
265	7,00 - 7,299
275	7,30 - 7,599
280	
285	7,60 - 7,799
295	7,80 - 7,999
305	8,00 - 8,299

315	8,30 - 8,699
325	
335	8,70 - 8,999
345	9,00 - 9,299
355	9,30 - 9,699
365	
370	9,70 - 9,999
375	
385	10,00 - 10,299
400	10,30 - 10,799
410	10,80 - 11,299
415	
420	
430	11,30 - 11,799
445	
460	11,80 - 12,399
475	12,40 - 12,899
490	12,90 - 13,399
505	13,40 - 13,899
520	
535	13,90 - 14,399
545	14,40 - 14,899
560	
570	14,90 - 15,399
580	
600	15,40 - 16,399
620	
630	16,40 - 16,899
640	16,90 - 17,399
660	17,40 - 17,899
680	17,90 - 18,399
700	18,40 - 19,509
720	
40-19,3S	19,80 - 20,799
40-20,3S	20,80 - 21,799
40-21,3S	21,80 - 22,799
800	
820	21,51 - 22,609
840	
860	22,61 - 23,609
40-22,3S	22,80 - 23,799
920	
940	24,61 - 25,609
40-24,3S	24,80 - 25,999

993	25,61 - 26,609
1033	26,61 - 27,609
1080	27,61 - 28,609
1150	28,61 - 30,609
1195	30,61 - 32,609
1250	32,61 - 34,699
1320	34,70 - 36,699
1455	36,70 - 38,699
1575	38,70 - 42,699
1680	42,70 - 45,699
1820	45,70 - 48,999
1940	49,00 - +



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Chip Deflector sample

24,7 for drills 1,5 - 5,49  
37,0 for drills 5,5 - 10,5  
40,0 for part # 40-19,3S - 40,24,3S  
52,3 for drills 10,6 - 19,7  
72,6 for drills 19,8 - 50,0



### Quantity discounts for individual sizes only

Part #	Pricing	Discounts
070 - 110	\$4.82 each	10% off 100 or more any one size
115 - 235	\$4.28 each	10% off 100 or more any one size
240 - 355	\$5.35 each	10% off 100 or more any one size
365 - 600	\$6.42 each	10% off 100 or more any one size
620 - 720	\$7.49 each	10% off 100 or more any one size
40-19,3S - 40-24,3S	\$8.56 each	10% off 100 or more any one size
800 - 1195	\$8.56 each	10% off 100 or more any one size
1250 - 1680	\$10.70 each	10% off 100 or more any one size
1820 - 1940	\$12.84 each	10% off 100 or more any one size

PRICING - US Dollars  
Chip Deflectors

# 32 mm

# OD

## Chip Deflectors with hardened steel face

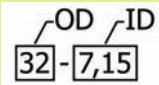
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Chip Deflector sample](#)

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### How to read part #s:

32 mm OD Chip Deflectors part numbers contain both outer diameter (OD) and inner diameter (ID) measurements. The number before the hyphen (-) is the OD. The number after the hyphen is the ID.



### NOTE

These Chip Deflectors have smaller outside diameters than standard Chip Deflectors. They are designed for non U.S. made gun drill machines that require smaller outside diameters due to the chip box and bearing housing design. Order this style of Chip Deflector only if your machine requires it.

**PRICING - US Dollars  
Chip Deflectors**

Part #		Appropriate Drill Sizes	Part #		Appropriate Drill Sizes	Part #		Appropriate Drill Sizes
OD	ID	Drill Range	OD	ID	Drill Range	OD	ID	Drill Range
32-2,4S		2.515 - 2.766	32-7,45S		7.796 - 8.049	32-13,15S		13.714 - 14.094
32-3,0S		3.172 - 3.388	32-7,75S		8.050 - 8.303	32-13,65S		14.095 - 14.399
32-3,6S		3.810 - 4.021	32-8,05S		8.304 - 8.557	32-14,0S		14.400 - 14.780
32-3,85S		4.022 - 4.188	32-8,4S		8.558 - 8.913	32-14,15S		
32-4,0S		4.189 - 4.567	32-8,7S		8.914 - 9.319	32-14,5S		14.781 - 15.364
32-4,5S		4.568 - 5.067	32-9,0S		9.320 - 9.599	32-14,65S		
32-4,85S		5.068 - 5.281	32-9,4S		9.600 - 9.954	32-15,2S		15.365 - 16.253
32-5,05S		5.282 - 5.405	32-9,7S		9.955 - 10.208	32-16,0S		16.254 - 17.117
32-5,25S		5.406 - 5.611	32-10,0S		10.209 - 10.513	32-16,8S		17.118 - 17.854
32-5,45S		5.612 - 5.738	32-10,3S		10.514 - 10.818	32-17,6S		17.855 - 18.539
32-5,65S		5.739 - 5.992	32-10,5S		10.819 - 11.300	32-18,4S		18.540 - 19.555
32-5,85S		5.993 - 6.220	32-10,7S			32-19,3S		19.556 - 20.521
32-6,05S		6.221 - 6.449	32-11,1S		11.301 - 11.605	32-20,3S		20.522 - 21.511
32-6,25S		6.450 - 6.779	32-11,4S		11.606 - 12.062	32-21,3S		21.512 - 22.603
32-6,55S		6.780 - 7.109	32-11,8S		12.063 - 12.342	32-22,3S		22.604 - 23.746
32-6,7S		7.110 - 7.313	32-12,0S		12.343 - 12.845	32-23,3S		23.747 - 24.635
32-6,85S		7.314 - 7.414	32-12,15S			32-24,3S		24.636 - 25.778
32-7,15S		7.415 - 7.795	32-12,5S		12.851 - 13.358			
32-7,3S			32-12,65S		13.359 - 13.713			



Standard: Hardened steel on one side	Optional: Steel face on both sides
	<p>32 mm x 11 mm wide Contact for price and delivery</p>

### Quantity discounts for individual sizes only

Part #	Pricing	Discounts
32-2,4S thru 32-5,85S	\$4.28 each	10% off 100 pieces or more of any one size
32-6,05S thru 32-9,0S	\$5.35 each	10% off 100 pieces or more of any one size
32-9,4S thru 32-14,65S	\$6.42 each	10% off 100 pieces or more of any one size
32-15,2S thru 32-24,3S	Contact for price and delivery	

# 40 mm OD Chip Deflectors

Part # OD ID	Appropriate Drill Sizes Drill Range	Part # OD ID	Appropriate Drill Sizes Drill Range	Part # OD ID	Appropriate Drill Sizes Drill Range
40-2,4	2.515 - 2.766	40-7,45	7.796 - 8.049	40-13,15	13.714 - 14.094
40-3,0	3.172 - 3.388	40-7,75	8.050 - 8.303	40-13,65	14.095 - 14.399
40-3,6	3.810 - 4.021	40-8,05	8.304 - 8.557	40-14,0	14.400 - 14.780
40-3,85	4.022 - 4.188	40-8,4	8.558 - 8.913	40-14,15	
40-4,0	4.189 - 4.567	40-8,7	8.914 - 9.319	40-14,5	14.781 - 15.364
40-4,5	4.568 - 5.067	40-9,0	9.320 - 9.599	40-14,65	
40-4,85	5.068 - 5.281	40-9,4	9.600 - 9.954	40-15,2	15.365 - 16.253
40-5,05	5.282 - 5.405	40-9,7	9.955 - 10.208	40-16,0	16.254 - 17.117
40-5,25	5.406 - 5.611	40-10,0	10.209 - 10.513	40-16,8	17.118 - 17.854
40-5,45	5.612 - 5.738	40-10,3	10.514 - 10.818	40-17,6	17.855 - 18.539
40-5,65	5.739 - 5.992	40-10,5	10.819 - 11.300	40-18,4	18.540 - 19.555
40-5,85	5.993 - 6.220	40-10,7		40-19,3	19.556 - 20.521
40-6,05	6.221 - 6.449	40-11,1	11.301 - 11.605	40-20,3	20.522 - 21.511
40-6,25	6.450 - 6.779	40-11,4	11.606 - 12.062	40-21,3	21.512 - 22.603
40-6,55	6.780 - 7.109	40-11,8	12.063 - 12.342	40-22,3	22.604 - 23.746
40-6,7	7.110 - 7.313	40-12,0	12.343 - 12.845	40-23,3	23.747 - 24.635
40-6,85	7.314 - 7.414	40-12,15		40-24,3	24.636 - 25.778
40-7,15	7.415 - 7.795	40-12,5	12.851 - 13.358		
40-7,3		40-12,65	13.359 - 13.713		



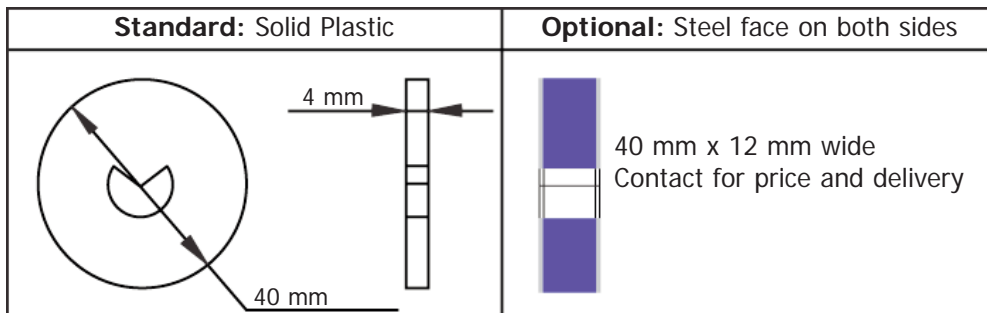
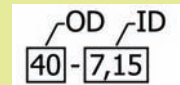
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### How to read part #s:

40 mm OD Chip Deflectors part numbers contain both outer diameter (OD) and inner diameter (ID) measurements. The number before the hyphen (-) is the OD. The number after the hyphen is the ID.



### NOTE

These Chip Deflectors have smaller outside diameters than standard Chip Deflectors. They are designed for non U.S. made gun drill machines that require smaller outside diameters due to the chip box and bearing housing design. Order this style of Chip Deflector only if your machine requires it.

### Quantity discounts for individual sizes only

Part #	Pricing	Discounts
40-2,4 thru 40-14,65	Contact for price and delivery	
40-15,2 thru 40-24,3	\$6.42 each	10% off 100 pieces or more of any one size

**PRICING - US Dollars  
Chip Deflectors**

# 15mm OD SnapGuide®

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**PRICING - US Dollars**  
15 mm OD SnapGuide®

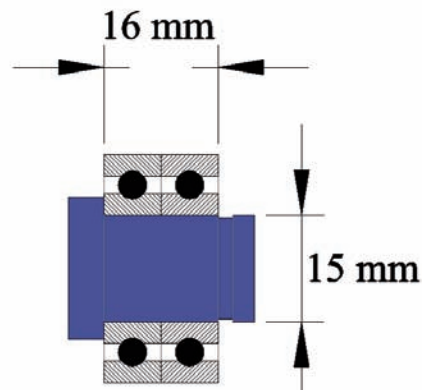
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# Extra Wide Drill Guides

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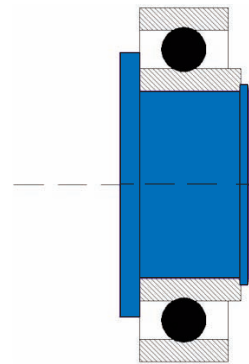
**PRICING - US Dollars**  
Extra Wide Drill Guide



<b>Bushing ID</b>	<b>Steadyrest Part No.</b>	<b>Drill Range</b>
5,75 6,0	5,75R-15 6,0R-15	

Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings (16002)
\$8.29	\$6.96	\$6.42	\$5.89	



<b>Bushing ID</b>	<b>Drill Guide Part No.</b>	<b>Drill Range</b>	<b>Bearing ID</b>	<b>Bearing OD</b>	<b>Bearing Width</b>
37,59	G400S				
39,37	G412S				
43,71	H460S				
45,87	H480S				
47,65	H490S				
48,82	H510S				

Quantity discounts for individual sizes only

Part #	1-9	10-24	25-47	48-99	100+	Bearing #	Price Each
G400S - G412S	\$12.31	\$11.50	\$10.43	\$9.90	\$9.36	8511	\$58.85
H460S - H510S	\$13.38	\$12.57	\$11.50	\$11.24	\$10.43	8513	\$75.97



# Small Diameter Bushings SnapGuide®

## Small Diameter 17mm OD SnapGuide Bushings with Contour Hole

Bushing ID	Standard Part No.	Drill Range
2,0	2,0-17	2,1 - 2,199
2,87	2,87-17	2,9 - 3,099
3,07	3,07-17	3,1 - 3,359
3,27	3,27-17	3,36 - 3,459
3,37	3,37-17	3,46 - 3,799
3,55	3,55-17	3,8 - 3,959

### Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings	Snap Rings
\$6.15	\$5.62	\$4.55	\$3.48	\$8.56 (6003-2RS)	\$.27 (DSH-17)



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## Small Diameter 20mm OD SnapGuide Bushings with Contour Hole

Bushing ID	Standard Part No.	Drill Range
2,27	2,27-20	2,3 - 2,499
2,67	2,67-20	2,7 - 2,899
3,07	3,07-20	3,1 - 3,359
3,27	3,27-20	3,36 - 3,559
3,87	3,87-20	3,96 - 4,259

### Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings	Snap Rings
\$7.22	\$5.89	\$4.82	\$3.75	\$10.70 (6004-2RS)	\$.27 (DSH-20)

## Small Diameter 30mm OD SnapGuide Bushings with Contour Hole

Bushing ID	Standard Part No.	Drill Range
2,67	2,67-30	2,7 - 2,799
2,87	2,87-30	2,8 - 3,099
3,07	3,07-30	3,1 - 3,359
3,27	3,27-30	3,36 - 3,459
3,37	3,37-30	3,46 - 3,799
3,55	3,55-30	3,8 - 3,959
3,87	3,87-30	3,96 - 4,259
4,27	4,27-30	4,5 - 4,749
4,47	4,47-30	
4,50	4,50-30	4,75 - 4,999
4,67	4,67-30	
4,87	4,87-30	5,0 - 5,249

### Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings	Snap Rings
\$8.29	\$6.96	\$6.42	\$5.89	\$13.91 (6006-2RS)	\$.27 (DSH-30)

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### NOTE

Contour hole bushings in these ranges may contribute to premature drill breakage. Use these bushings at your own risk. Call us for contour bushings in this range and we will review your application.

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Small Diameter Bushings

# SnapGuide® Bushings for SUMOGUN Drills

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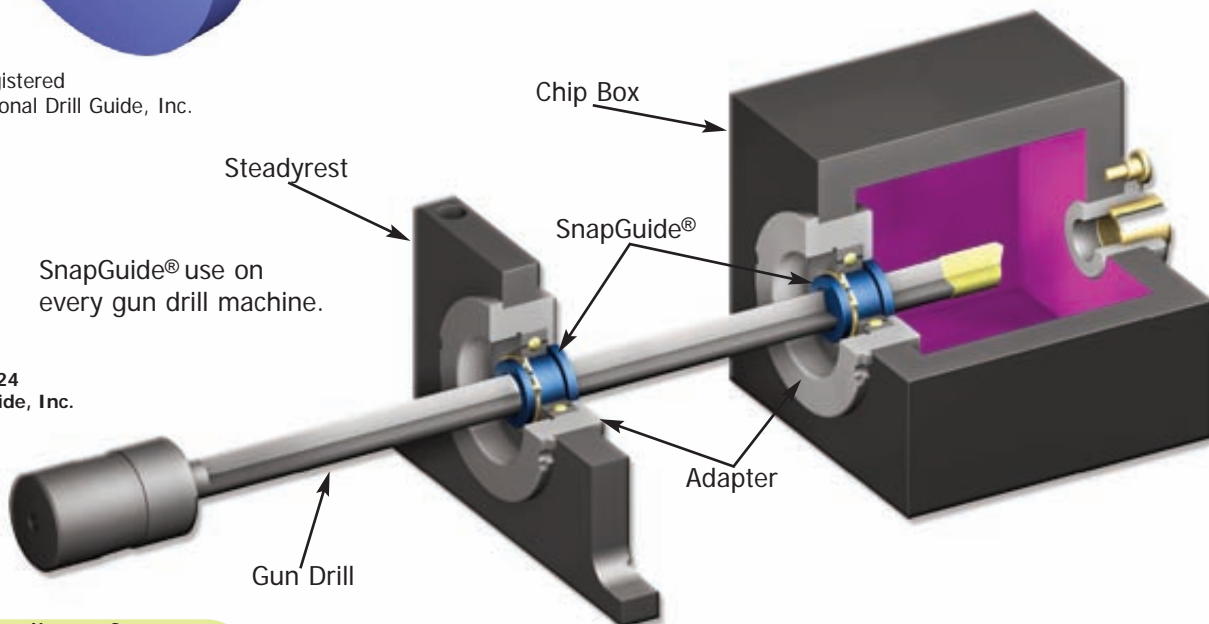
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SnapGuide® use on every gun drill machine.

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See our complete line of support bushings and seals for all deep hole tools at [www.gundrill.com](http://www.gundrill.com).

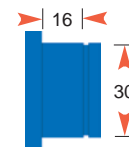
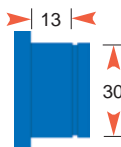
6006-2RS  
Bearing\*

Appropriate  
Drill  
Sizes

6206-2RS  
Bearing\*\*

SnapGuide®

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Drill Range

SI9,6-30	10,00 - 10,49	LSI9,6-30
SI10,1-30	10,50 - 10,99	LSI10,1-30
SI10,6-30	11,00 - 11,49	LSI10,6-30
SI11,1-30	11,50 - 11,99	LSI11,1-30
SI11,6-30	12,00 - 12,49	LSI11,6-30
SI12,1-30	12,50 - 12,99	LSI12,1-30
SI12,6-30	13,00 - 13,49	LSI12,6-30
SI13,1-30	13,50 - 13,99	LSI13,1-30
SI13,6-30	14,00 - 14,49	LSI13,6-30
SI14,1-30	14,50 - 14,99	LSI14,1-30
SI14,6-30	15,00 - 15,99	LSI14,6-30
SI15,4-30	16,00 - 16,99	LSI15,4-30
SI16,4-30	17,00 - 17,99	LSI16,4-30
SI17,4-30	18,00 - 18,99	LSI17,4-30
SI18,4-30	19,00 - 19,99	LSI18,4-30
SI19,4-30	20,00 - 20,99	LSI19,4-30
SI20,4-30	21,00 - 21,99	LSI20,4-30
SI21,4-30	22,00 - 22,99	LSI21,4-30
SI22,4-30	23,00 - 23,99	LSI22,4-30
SI23,4-30	24,00 - 24,99	LSI23,4-30
SI24,5-30	25,00 - 25,99	LSI24,5-30

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Bearing 6006-2RS\* dimensions 55 mm OD X 30 mm ID X 13 mm wide  
Bearing 6206-2RS\*\* dimensions 62 mm OD X 30 mm ID X 16 mm wide

Quantity discounts for individual sizes only

1-24	25-47	48-99	100+	Bearings	SnapRings
\$8.29	\$6.96	\$6.42	\$5.89	\$13.91 (6006-2RS)	\$.27 (DSH-30)

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SnapGuide®



Bushing ID

Part No.

Appropriate Drill Sizes  
Drill Diameter

Bearing ID

Bearing OD

11,10	S11,1-17		17	35
12,93	S509-20		20	42
13,72	S540-20			
15,32	S603-20			
13,84	S548-30		30	55
14,71	S555-30			
15,24	S598-30			
15,37	S605-30			
17,48	S688-30			
19,00	S748-30			
19,99	S787-30			
21,56	S850-30			
22,05	S875-30			
22,56	S888-30			
23,06	S908-30			
24,84	S978-45		45	75
28,80	S1134-45			
31,09	S1224-45			
31,57	S1246-45			

Quantity discounts for individual sizes only

Part #	1-24	25-47	48-99	100+	Bearing #	Price Each
S11,1-17	\$6.15	\$5.62	\$4.55	\$3.48	6003-2RS	\$8.56
S509-20 thru S603-20	\$7.22	\$5.89	\$4.82	\$3.75	6004-2RS	\$10.70
S548-30 thru S908-30	\$8.29	\$6.96	\$6.42	\$5.89	6006-2RS	\$13.91
S978-45 thru S1246-45	\$10.70	\$10.17	\$9.10	\$8.56	6009-2RS	\$32.10



Bushing ID

Part No.

Appropriate Drill Sizes  
Drill Diameter

Bearing ID

Bearing OD

9,6012	B378S			
9,6012	C378S	10,0 mm		
9,6012	C393C	10,0 mm		
	C463			
13,3952	C488S	13,0 mm		
	D591S			
15,113	D595S	15,5 mm		
15,9512	D628S	16,35 mm		
17,4752	D688S	18,0 mm		
18,0594	D711	18,24 mm		
19,4564	E766S	20,0 mm		
23,3172	E918			
28,9306	F1139S			
36,7284	G1446			
43,18	G1671			

Quantity discounts for individual sizes only

Part #	1-9	10-24	25-47	48-99	100+	Bearing #	Price Each
B378S	\$8.83	\$7.22	\$5.62	\$4.55	\$3.48	87008	\$14.98
C378S - C488S	\$9.10	\$7.49	\$5.89	\$4.82	\$3.75	87502	\$21.40
D595S - D711	\$9.36	\$8.29	\$6.96	\$6.42	\$5.89	87504	\$23.54
D115 - D185	\$9.36	\$8.29	\$6.96	\$6.42	\$5.89	87505	\$23.54
E766S - E918	\$9.63	\$8.56	\$8.03	\$6.96	\$6.42	87507	\$36.38
F1139S	\$11.24	\$10.43	\$9.36	\$8.83	\$8.29	87008	\$49.22
G1446 - G1671	\$12.31	\$11.50	\$10.43	\$9.90	\$9.36	6211-2RS	\$58.85

# SnapGuide<sup>®</sup> for Allied Drills



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# Bearing Adaptors

International Drill Guide Inc. has designed and manufactured a variety of special bearing adaptors to retrofit our products onto countless gundrill machines, transfer lines, and other special machines. We can help you retrofit our product simply and economically on any machine with little or no lead time. Most gun drill machine builders currently stock holders for our SnapGuide® or Drill Guide designed specifically for their machines. They are another quality source for your bearing adaptor inquiries.



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Fax:  E-mail:   
Address:   
City, Country, Postal Code:

### Product requested

SnapGuide® O.D.	<input type="text"/> Drill Size:	Drill Type (Check One)
Drill Guide	<input type="text"/> Drill Size:	Single Flute <input type="checkbox"/>
Chip Deflector	<input type="text"/> Drill Size:	Two Flute <input type="checkbox"/>
		Other <input type="checkbox"/>

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