

SKYWARD- DEEP HOLE DRILLING SOLUTIONS.

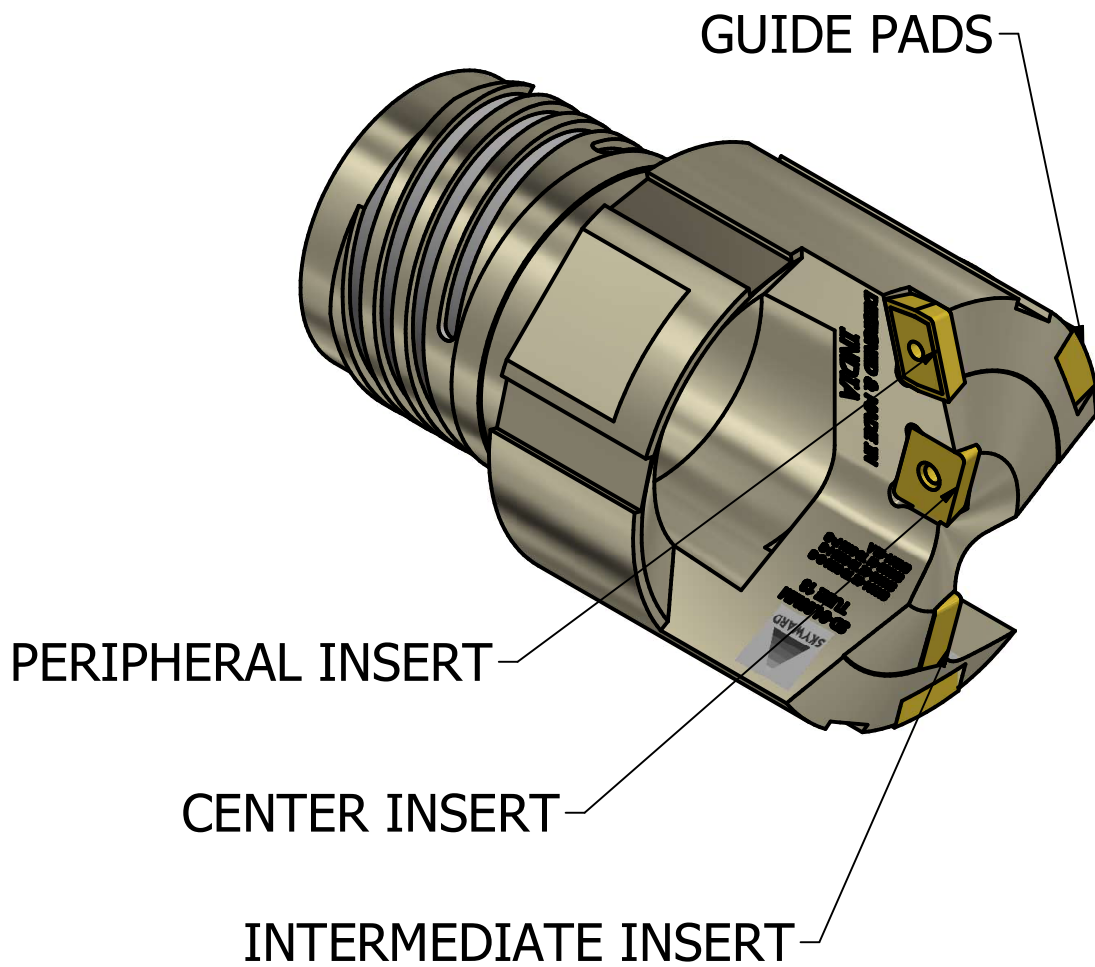


DESIGNED AND MADE IN
INDIA

8 7 6 5 4 3 2 1

STS SOLID DRILL HEADS

SIZE AVAILABE FROM 25MM-65MM



ORDERING CODE
FOR DRILL
SD-XX-XX.XX MM

EXAMPLE: FOR 32.50MM DRILL
SD-06-32.50 MM

NOTE: THE DRILL IS MANUFACTURED TO MINUS TOLERANCE OF IT10
SO THAT IT WILL NOT EXCEED THE DRILL DIAMETER



ACTUAL PRODUCT MAY VARY FROM DESIGN SHOWN ABOVE

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8 7 6 5 4 3 2 1

SANDVIK COMPATIBLE INSERTS

DRILL SIZE	DRILL TUBE	DIMENSIONS		INSERTS		
		TUBE OD	PERIPHERAL	CENTRAL	INTERMEDIATE	GUIDE PAD
25.00 - 26.40 mm	3	22 mm	800-06 03 08H-P-G	800-05 03 08M-C-G	800-05 03 08M-I-G	800-06A
26.41 - 28.70 mm	4	24 mm	800-06 03 08H-P-G	800-05 03 08M-C-G	800-05 03 08M-I-G	800-06A
28.71 - 31.00 mm	5	26 mm	800-06 03 08H-P-G	800-06 T3 08M-C-G	800-05 03 08M-I-G	800-06A
31.01 - 33.30 mm	6	28 mm	800-08 T3 08H-P-G	800-06 T3 08M-C-G	800-06 T3 08M-I-G	800-07A
33.31-33.99 mm	7	30 mm	800-08 T3 08H-P-G	800-06 T3 08M-C-G	800-06 T3 08M-I-G	800-07A
34.00-34.99 mm	7	30 mm	800-08 T3 08H-P-G	800-08 T3 08M-C-G	800-06 T3 08M-I-G	800-07A
35.00-36.20 mm	7	30 mm	800-08 T3 08H-P-G	800-08 T3 08M-C-G	800-08 T3 08M-I-G	800-07A
36.21-38.99 mm	8	33 mm	800-08 T3 08H-P-G	800-08 T3 08M-C-G	800-08 T3 08M-I-G	800-07A
39.00-39.60 mm	8	33mm	800-09 T3 08H-P-G	800-08 T3 08M-C-G	800-08 T3 08M-I-G	800-07A
39.61-43.00 mm	9	36mm	800-09 T3 08H-P-G	800-08 T3 08M-C-G	800-08 T3 08M-I-G	800-08A
43.01-47.00 mm	10	39 mm	800-09 T3 08H-P-G	800 10 T3 08M-C-G	800-08 T3 08M-I-G	800-08A
47.01-49.99 mm	11	43 mm	800-09 T3 08H-P-G	800-12 T3 08M-C-G	800-08 T3 08M-I-G	800-10A
50.00-51.70 mm	11	43 mm	800-11 T3 08H-P-G	800-10 T3 08M-C-G	800-08 T3 08M-I-G	800-10A
51.71-54.99 mm	12	47 mm	800-11 T3 08H-P-G	800-10 T3 08M-C-G	800-08 T3 08M-I-G	800-10A
55.00-56.20 mm	12	47 mm	800-11 T3 08H-P-G	800-10 T3 08M-C-G	800-12 T3 08M-I-G	800-12A
56.21-57.99 mm	13	51 mm	800-11 T3 08H-P-G	800-10 T3 08M-C-G	800-12 T3 08M-I-G	800-12A
58.00-65.00 mm	13	51 mm	800-11 T3 08H-P-G	800-12 T3 08M-C-G	800-12 T3 08M-I-G	800-12A



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DEEP HOLE DRILLING INSERTS FOR ISCAR/TUNGALOY COMPATIBLE DRILL HEADS.

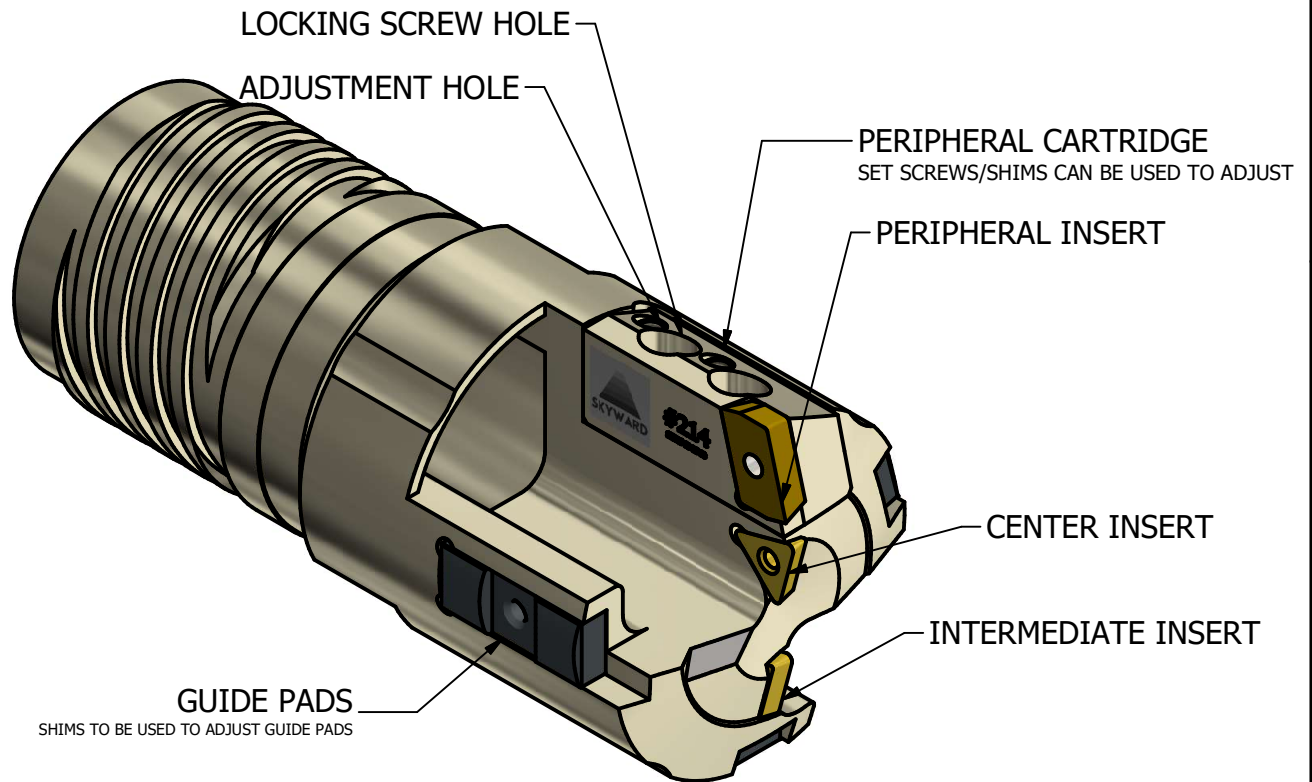
DRILL RANGE	PERIPHERAL INSERT		INTERMEDIATE INSERT		CENTRAL INSERT		GUIDE PAD	
	ISCAR	TUNGALOY	ISCAR	TUNGALOY	ISCAR	TUNGALOY	ISCAR	TUNGALOY
TRIDEEP/TRIFINE SERIES		TRIDEEP/TRIFINE SERIES		TRIDEEP/TRIFINE SERIES		TRIDEEP/TRIFINE SERIES		
22.00-25.00	TOGT 110405-DT/GF	TOHT110405R-NDL	NA	NA	NA	NA	GPS-06-20-100-DC	GP06-20-100-DC
25.01-28.00	TOGT 120405-DT/GF	TOHT120405R-NDL	NA	NA	NA	NA	GPS-06-20-120-DC	GP06-20-120-DC
FINE BEAM SERIES		FINE BEAM SERIES		FINE BEAM SERIES		FINE BEAM SERIES		
25.00-28.00	NPHT 060308R-G-P	FBH060304R-G-P	NPMT 050304R-G-I	FBM060304R-G-I	NPMT 050308L-G-C	FBM060308L-G-C	GPS-06-20-120	GP06-20-120
28.01-29.99	NPHT 060308R-G-P	FBH060304R-G-P	NPMT 050304R-G-I	FBM060304R-G-I	NPMT 060408L-G-C	FBM070408L-G-C	GPS-06-20-120	GP06-20-121
30.00-35.00	NPHT 070408R-G-P	FBH080404R-G-P	NPMT 060404R-G-I	FBM070404R-G-I	NPMT 060408L-G-C	FBM070408L-G-C	GPS-07-20-120	GP07-20-120
35.01-38.00	NPHT 070408R-G-P	FBH080404R-G-P	NPMT 060404R-G-I	FBM070404R-G-I	NPMT 080408L-G-C	FBM080408L-G-C	GPS-07-20-120	GP07-20-120
38.01-39.00	NPHT 090408R-G-P	FBH090404R-G-P	NPMT 060404R-G-I	FBM070404R-G-I	NPMT 080408L-G-C	FBM080408L-G-C	GPS-07-20-120	GP07-20-120
39.01-41.00	NPHT 090408R-G-P	FBH090404R-G-P	NPMT 060404R-G-I	FBM070404R-G-I	NPMT 080408L-G-C	FBM080408L-G-C	GPS-08-25-155	GP08-25-155
41.01-44.00	NPHT 090408R-G-P	FBH090404R-G-P	NPMT 080404R-G-I	FBM080404R-G-I	NPMT 080408L-G-C	FBM080408L-G-C	GPS-08-25-155	GP08-25-155
44.00-44.99	NPHT 090408R-G-P	FBH090404R-G-P	NPMT 080404R-G-I	FBM080404R-G-I	NPMT 090408L-G-C	FBM100408L-G-C	GPS-08-25-155	GP08-25-155
45.00-47.00	NPHT 090408R-G-P	FBH090404R-G-P	NPMT 080404R-G-I	FBM080404R-G-I	NPMT 090408L-G-C	FBM100408L-G-C	GPS-10-30-200	GP10-30-200
47.01-51.00	NPHT 110408R-G-P	FBH110404R-G-P	NPMT 080404R-G-I	FBM080404R-G-I	NPMT 090408L-G-C	FBM100408L-G-C	GPS-10-30-200	GP10-30-200
51.01-54.00	NPHT 110408R-G-P	FBH110404R-G-P	NPMT 090404R-G-I	FBM100404R-G-I	NPMT 090408L-G-C	FBM100408L-G-C	GPS-10-30-200	GP10-30-200
54.01-57.00	NPHT 110408R-G-P	FBH110404R-G-P	NPMT 090404R-G-I	FBM100404R-G-I	NPMT 120408L-G-C	FBM130408L-G-C	GPS-10-30-200	GP10-30-200
57.01-60.00	NPHT 110408R-G-P	FBH110404R-G-P	NPMT 090404R-G-I	FBM100404R-G-I	NPMT 120408L-G-C	FBM130408L-G-C	GPS-12-35-250	GP12-35-250
60.01-64.00	NPHT 130408R-G-P	FBH130404R-G-P	NPMT 090404R-G-I	FBM100404R-G-I	NPMT 120408L-G-C	FBM130408L-G-C	GPS-12-35-250	GP12-35-250
64.01-65.00	NPHT 130408R-G-P	FBH130404R-G-P	NPMT 120404R-G-I	FBM130404R-G-I	NPMT 120408L-G-C	FBM130408L-G-C	GPS-12-35-250	GP12-35-250



DESIGNED & MADE IN INDIA

STS ADJUSTABLE DRILL HEADS

AVAILABLE SIZE FROM 65MM - 102MM



RADIAL ADJUSTMENT CAN BE DONE ON THESE TYPES OF DRILL HEADS.
RADIAL ADJUSTMENT VARY FROM 1MM-2MM DEPENDING ON DRILL SIZE.

A SET OF CARTRIDGES WILL BE SOLD WITH DRILL HEAD

ORDERING CODE
FOR DRILL
SD-XX-XX.XX MM

EXAMPLE: FOR 70.20MM DRILL
SD-13-70.20 MM

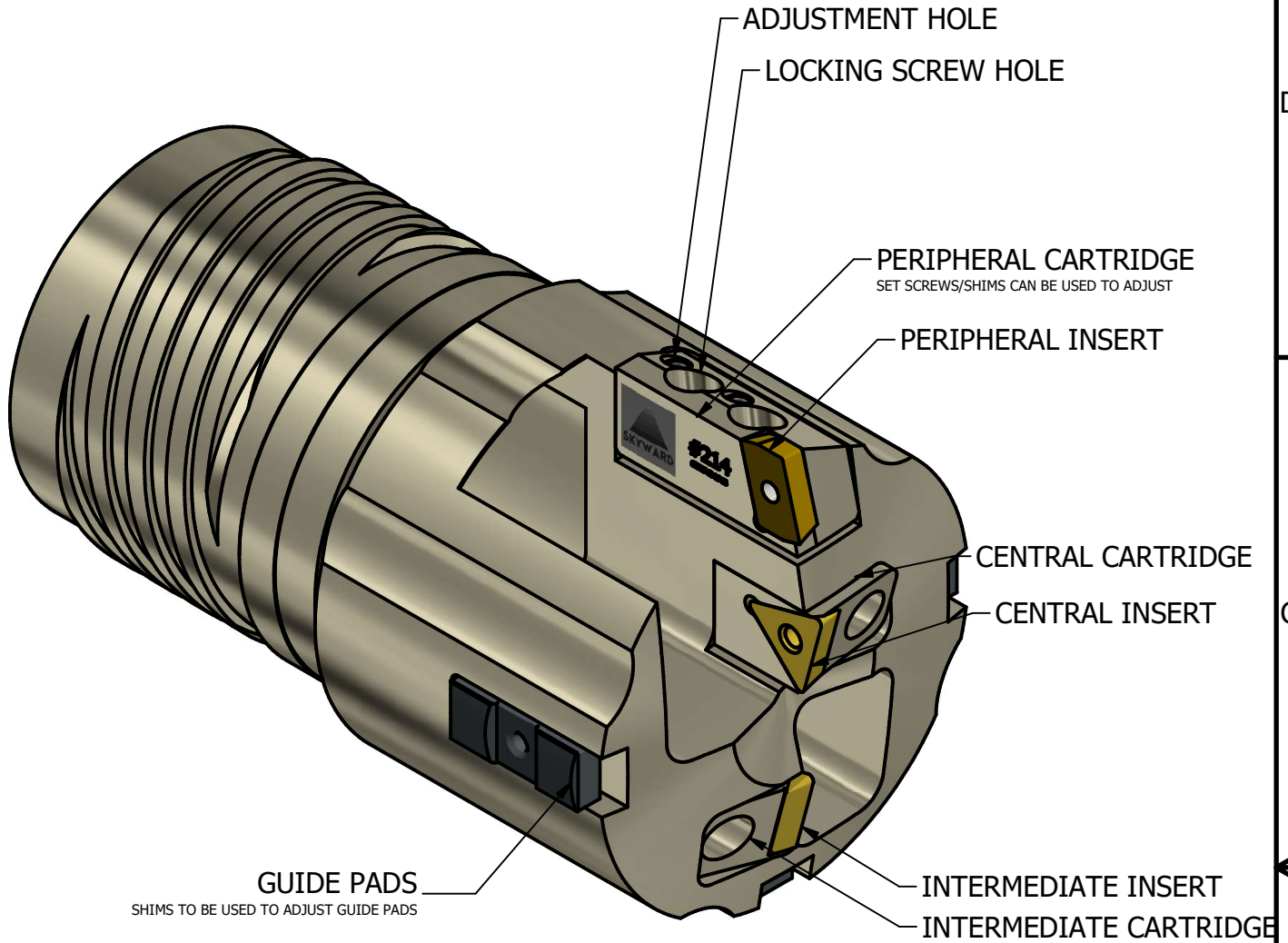
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ACTUAL PRODUCT MAY VARY FROM DESIGN SHOWN ABOVE

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STS DRILL HEADS ABOVE 102MM



A SET OF CARTRIDGES WILL BE SOLD WITH DRILL HEAD

ORDERING CODE
FOR DRILL
SD-XX-XX.XX MM

EXAMPLE: FOR 105.10MM DRILL
SD-14-105.10 MM

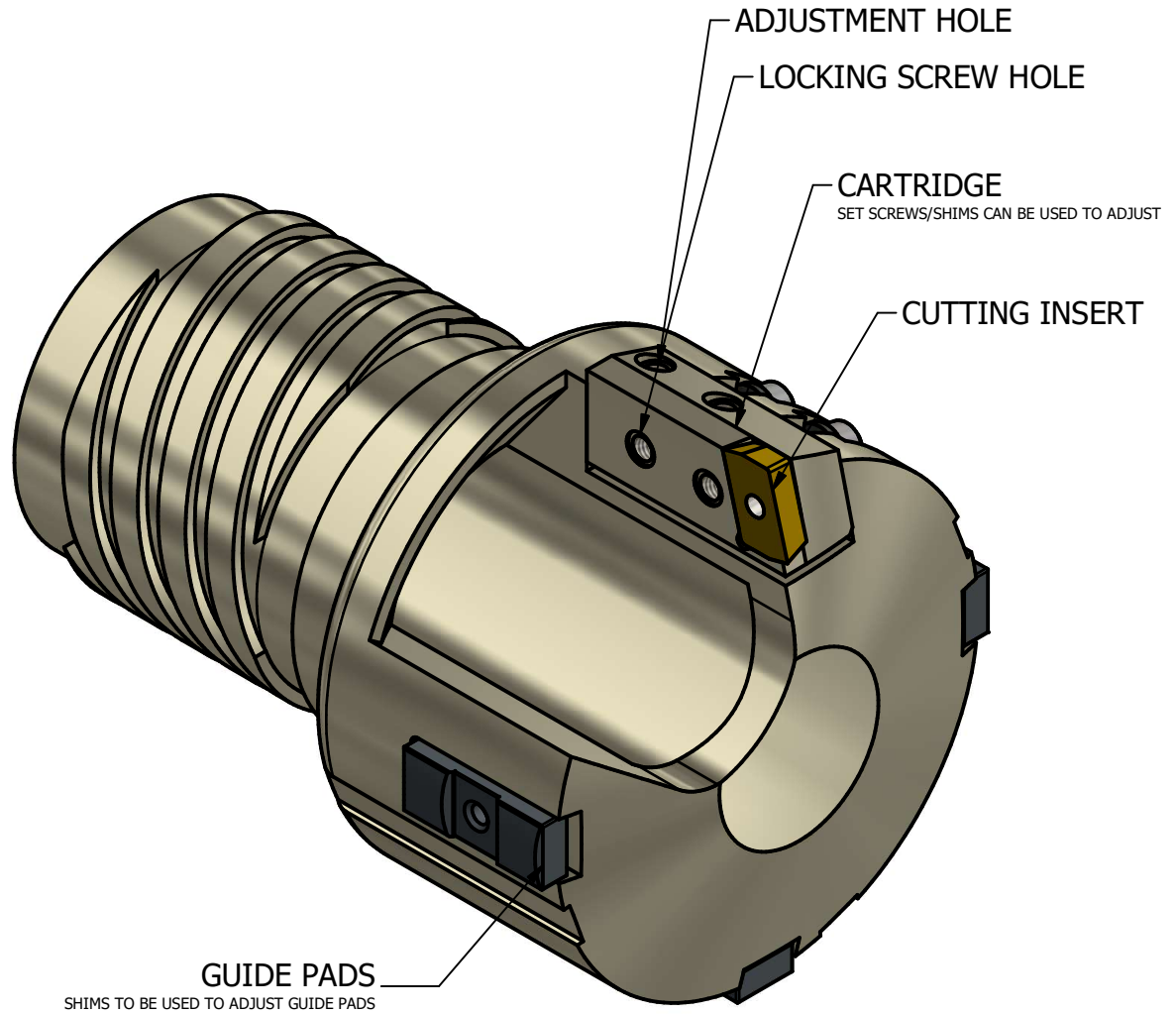
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ACTUAL PRODUCT MAY VARY FROM DESIGN SHOWN ABOVE



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COUNTER BORING DRILL HEAD FROM 50MM AND ABOVE



COUNTER BORING CUTTERS ARE RADIALLY ADJUSTABLE UPTO 1.5MM

ORDERING CODE
FOR COUNTER BORING DRILL HEAD
CB-XX-XX.XX MM

EXAMPLE: FOR 105.00 MM DRILL
CB-14-105.00 MM

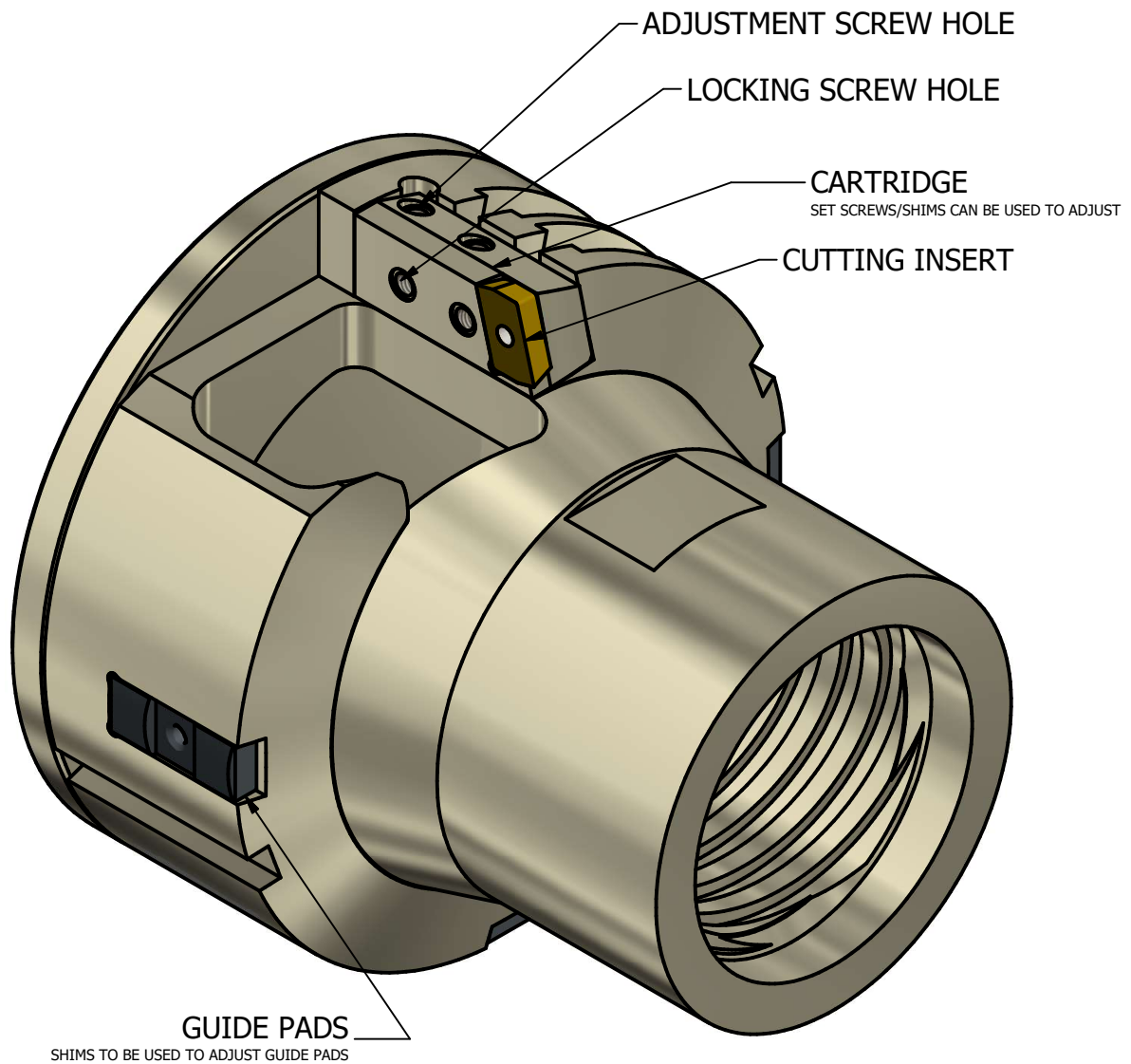
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REVERSE BORING DRILL HEAD FROM 80MM AND ABOVE



COUNTER BORING CUTTERS ARE RADIALLY ADJUSTABLE UPTO 1.5MM

TO USE THIS TOOL, MAKE SURE YOUR MACHINE HAS CAPABILITY
TO RUN CLOCKWISE AND FEED CAN BE ADJUSTED WHEN REVERSED

NOTE: MODIFICATIONS NEEDS TO BE DONE ON MACHINE IF NEEDED.

ORDERING CODE
FOR REVERSE BORING DRILL HEAD
RB-XX-XX.XX MM

EXAMPLE: FOR 105.00 MM DRILL
RB-12-105.00 MM

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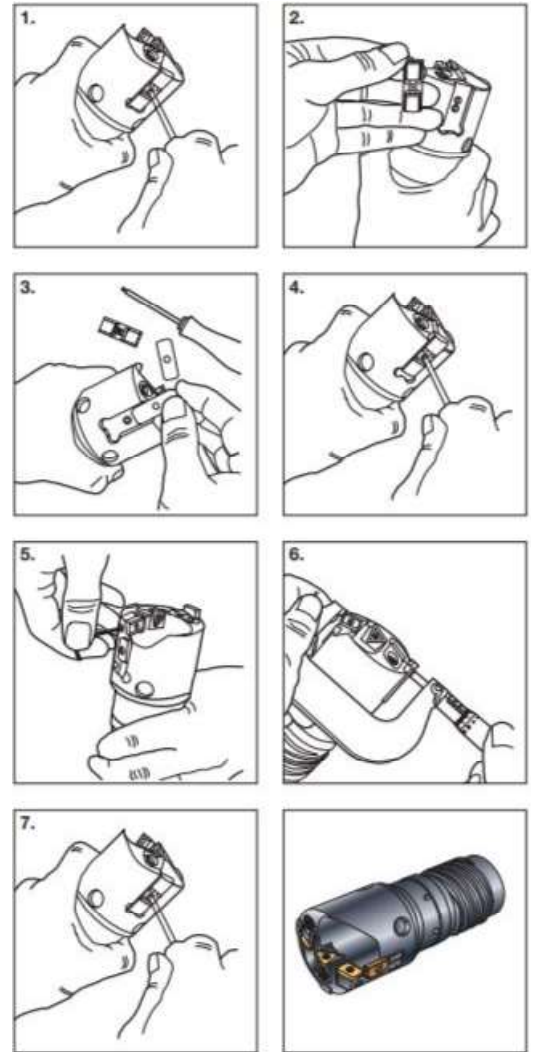


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HOW TO ADJUST SIZE IN ADJUSTABLE DRILL HEAD

1. Remove both support pads.
2. Check that the pad seats are free from burrs and dirt. Choose shim for the appropriate pads.
3. Place the shims under the respective pad and tighten the lock screws.
4. The support pad located opposite the periphery insert, should first be mounted in its upper position to allow checking of the tool diameter. The other pad has only one fixed location as it is not in position for the measuring operation.
5. If necessary to adjust the diameter further, the position of the peripheral insert can easily be set by its cartridge setting screw. Tighten the cartridge clamping screw carefully. Repeat the check of tool diameter after all setting or shim replacement operations.
6. Check the tool diameter with a micrometer.
7. Relocate the pad opposite the peripheral insert to its lower position and tighten its lock screw

SHIMS CAN BE PURCHASED FROM SKYWARD.



THIS IMAGE IS TAKEN FROM AN ONLINE SOURCE

FOR ASSISTANCE PLEASE CONTACT AT

Phone: +91-8898006654

Email: skyward.365@gmail.com

