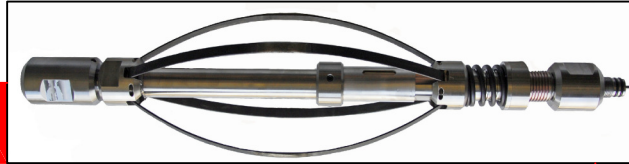




Centralizers are used within the tool string to keep the tools centralized within the tubing. Advanced offers two types of Centralizers Bow Spring and Roller Arm. Springs are used mainly for vertical applications and the roller arm for horizontal (rollers help guide the tool string through deviations).

Temperature rating:	500°F
Pressure rating:	20,000 psi
Tool diameter range:	1" – 3 1/2" O.D.
Tool length:	Varies
Type:	Bow Spring and Roller Arm
Connections:	"GO" Gearheart and "GO" Quick Change
I.D. Range:	1 1/4" – 20"





**2 3/4" ADJUSTABLE SPRING  
CENTRALIZER**

ITEM #	DESCRIPTION	MIN ID	MAX ID
CEN3001	CENTRALIZER, 1" (ADJUSTABLE)	1.250"	5.000"
CEN4001	CENTRALIZER, 1 3/8" (ADJUSTABLE)	1.500"	5.500"
CEN4002	CENTRALIZER, 1 3/8" (ADJUSTABLE)	1.500"	9.000"
CEN5001-13	CENTRALIZER, 1 7/16 X 13" SPRINGS (NON-ADJUSTABLE)	1.750"	10.500"
CEN5001-6	CENTRALIZER, 1 7/16 X 6" SPRINGS (NON-ADJUSTABLE)	1.750"	5.500"
CEN5001-9	CENTRALIZER, 1 7/16 X 9" SPRINGS (NON-ADJUSTABLE)	1.750"	8.500"
CEN6001-13	CENTRALIZER, 1 11/16 X 13" SPRINGS (NON-ADJUSTABLE)	2.000"	10.500"
CEN6001-6	CENTRALIZER, 1 11/16 X 6" SPRINGS (NON-ADJUSTABLE)	2.000"	5.500"
CEN6001-9	CENTRALIZER, 1 11/16 X 9" SPRINGS (NON-ADJUSTABLE)	2.000"	8.500"
CEN6002	CENTRALIZER, 1 5/8" (ADJUSTABLE)	1.625"	5.500"
CEN6003	CENTRALIZER, 1 5/8" (ADJUSTABLE)	1.625"	9.000"
CEN9001	CENTRALIZER, 2 3/4" (SPRING ADJUSTABLE)	3.000"	10.500"
CEN9002	CENTRALIZER, 2 3/4" (ROLLER ADJUSTABLE)	4.250"	14.000"
CEN9003	CENTRALIZER, 3 1/2" (ROLLER ADJUSTABLE)	10.000"	20.000"



**2 3/4" ADJUSTABLE ROLLER  
CENTRALIZER**

