

KELLY VALVES



Metallic sealing Kelly Valves
for drilling service

Safe.
Low maintenance.
Long-lasting.

KELLY VALVES



TECHNICAL CHARACTERISTICS

DESIGN & QUALIFICATION

- One-piece-body
- Floating ball
- Metallic sealing
- Spring-loaded-seats
- H2S Trim
- CLASS 2
- Manufactured to API Specification 7-1 and in compliance with ISO 9001:2015
- Temperature Class - 46°C up to + 180°C (L/X)

Optional available with:

- Type Approval DNV or ABS
- Break in (power fitting for easy on-site assembly)



SPARE PARTS

- **Sealing Kit**
All o-rings and back-up-rings
- **Repair Kit**
Ball and seat-rings, shaft, holder ring, thrust bearing, springs and screws



DESIGNS

STANDARD KELLY VALVE (TYPE AUFR)

Standard Kelly Valve with Pin x Box thread connection with 1 shaft for use in a Top Drive system or for manually operation.



DOUBLE SHAFT KELLY VALVES (TYPE AUFR)

Double Shaft Kelly Valve with Pin x Box thread connection with 2 shafts for use in a Top Drive system or for manually operation. This type has the advantage that it can be operated from two sides after installation in the drill string.

TWIN BALL QUAD SHAFT KELLY VALVES (TYPE TUFR)

Twin Ball Quad Shaft Kelly Valve with Box x Box thread connection and with 4 shafts. This type has a double safety barrier in one body and can be operated from two sides after installation in the drill string. The upper ball can be operated with an external actuator and the lower ball manually with a hexagon wrench.



STANDARD SUPPLY RANGE

CONNECTION	PRESSURE [PSI]	OD [IN]	ID [IN]	OVERALL LENGTH [SH/SH]	CLASS 2	SIZE HEXAGON
STANDARD KELLY VALVES (TYPE AUFR) PIN X BOX THREADS						
6 5/8 REG	10.000	7 3/4	3 1/4	350 mm	●	22,3 mm
6 5/8 REG	15.000	7.677"	3 1/16"	400 mm	●	22,3 mm
7 5/8 REG	15.000	8 1/2	3 1/16	385 mm	●	22,3 mm
			540 mm	●	22,3 mm	
		3 1/2	406 mm	●	27 mm	
		8 5/8	385 mm	●	22,3 mm	
		10	385 mm	●	22,3 mm	
8 5/8 REG	15.000	10	4 1/4	457,2 mm	●	22,3 mm
NC61	15.000	9	3 1/16	365 mm	●	22,3 mm
	10.000		3 1/4	365 mm	●	22,3 mm
NC 38 (3 1/2 IF)	10.000	5 1/4	2	381 mm	●	19 mm
NC50 (4 1/2 IF)	10.000	6 5/8	2 13/16	381 mm	●	22,3 mm
DOUBLE SHAFT KELLY VALVES (TYPE AUFR) PIN X BOX THREADS						
8 5/8 REG	15.000	10	4 1/4	457,2 mm	●	22,3mm
6 5/8 REG	15.000	7.677"	3 1/16	470mm	●	22,3mm
TWIN BALL QUAD SHAFT KELLY VALVES (TYPE TUFR) BOX X BOX THREADS						
NC 50	10.000	6 5/8	2 13 /16	729,7 mm	●	19mm
NC 61	10.000	7 3/4	3 1/16	800,1 mm	●	22,3mm
NC 70	15.000	9 1/2	3 3/4	908 mm	●	22,3mm

In addition to the standard delivery program, other designs are available on request.

WHAT DISTINGUISHES US?

HARTMANN VALVES & WELLHEADS

Hartmann develops custom-build performance components of the highest quality.

Hartmann Valves is a leading manufacturer of ball valves, pigging valves and wellheads with global presence. The decades of experience in the fields of crude oil, natural gas, petrochemicals, power stations, and storage technology are now being utilized to advance deep geothermal, hydrogen storage, and lithium production for renewable energy applications. Our products are developed to meet custom requirements and are equipped with a pure metallic sealing system. Design, assembly and tests are carried out solely in our facilities in Celle and Burgdorf-Ehlershausen, Germany.

The company was founded in the post-war era as a small engineering office and has since grown into a globally operating system provider with more than 200 employees. It has remained in family ownership for three generations.

INSIGHTS INTO OUR PRODUCTION

www.hartmann-valves.com/en/film

YOUR BENEFITS WITH HARTMANN KELLY VALVES



**SHORT TERM AND
FAST DELIVERY**



**REDUCED COSTS THROUGH
PRODUCT LONGEVITY**



**EXPERIENCE IN THE OIL
AND GAS INDUSTRIE**



**SPARE PART KITS
AVAILABLE**

REFERENCE

„During our last drilling campaign in the second quarter of 2021, we have used Hartmann API 6A Wellhead components, **high pressure Kelly Valves (10.000 psi)** and cooperated with the Hartmann on-site Service Team.

Several pressure tests confirmed the high quality and outstanding performance. We are happy to give an unrestricted recommendation for the products from Hartmann Valves GmbH.“

BERTHOLD KIBELLUS
H. Anger's Söhne GmbH

GET IN CONTACT



NORA GREBIES

N.Gressies@hartmann-valves.com
+49 5141 3841 83

Hartmann Valves GmbH
Bussardweg 15
31303 Burgdorf-Ehlershausen
Germany