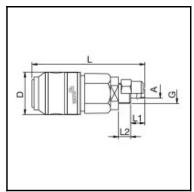
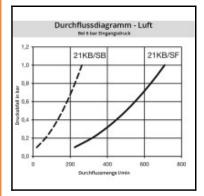
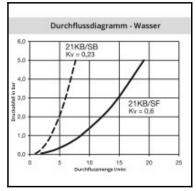


## Datasheet of 21KBKO08FVXGR Quick coupling with tube nut N D U S T R I











## Description

Quick coupling double shut-off, color coded (R = red), with hose nut 6 x 8 mm, nominal diameter 5, <10 bar, PVDF, seal FKM

Mini industrial coupling in plastics POM and PVDF with the world's most popular profile in this nominal diameter. Above average flow performance for liquidand gaseous medio.

## Details

Series:         21           Series long:         21KB           Bore in mm:         5           Bore area in mm²:         20           Coupling system with single-hand operat type of plastic locking system with handy considerably expands the applications of Two sleeve forms - tapered and cylindric tapered sleeve form facilitates handling volor coding of the coupling and plug off for avoiding mix-ups between media whe working pressure:           Working pressure:         10 bar (POM, at 20°C), 8 bar (PVDF, at 1 static working pressure with safety factor depending on the medium.           Working temperature:         -20°C up to +80°C (POM) -20°C up to +1 depending on the medium.           Shut-Off:         Quick coupling Double Shut-Off           Connection description:         with tube nut 6 x 8 mm           Connection description:         with tube nut 6 x 8 mm           Connection type:         Connection nut           Material description:         PVDF           Material description:         Pluororubber           Surface:         blank finish           Coding:         R = red           Material valve body:         PVDF, white           Material sleeve:         PVDF, white           Material sping snap ring:         Stainless steel AISI 316Ti           Material balls/pins:         No           Meight in kg:         0,018	
Bore in mm:  Bore area in mm²:  Coupling system with single-hand operat type of plastic locking system with handy considerably expands the applications of Two sleeve forms - tapered and cylindric tapered sleeve forms - tapered and cylindric tapered sleeve form facilitates handling volor coding of the coupling and plug offe for avoiding mix-ups between media whe working pressure:  10 bar (POM, at 20°C), 8 bar (PVDF, at static working pressure with safety factor -20°C up to +80°C (POM) -20°C up to +1 depending on the medium.  Shut-Off:  Quick coupling Double Shut-Off  Connection:  with tube nut 6 x 8 mm  Connection description:  with tube nut 6 x 8 mm  Connection type:  Connection nut  Material description:  PVDF  Material description:  PVDF  Material description:  Fluororubber  Surface:  blank finish  Coding:  R = red  Material connection:  PVDF, white  Material valve body:  Material sleeve:  PVDF, white  Material sleeve:  PVDF, white  Material spring snap ring:  Material spring snap ring:  Material sless steel AISI 316Ti  Material balls/pins:  PVDF, white  Material seal:  Viton®  Weight in kg:  Coded:  Yes  Safety locking system:  No  Single-hand operation:  No  Ball locking:  No	
Bore area in mm²:  20  Coupling system with single-hand operat type of plastic locking system with name occasionary and type of plastic locking system with hand occasionary and the applications of Two sleeve forms - tapered and cylindric tapered sleeve form facilitates handling color coding of the coupling and plug off for avoiding mix-ups between media whe working pressure:  10 bar (POM, at 20°C), 8 bar (PVDF, at 2 static working pressure with safety factor -20°C up to +80°C (POM) -20°C up to +1 depending on the medium.  Shut-Off:  Quick coupling Double Shut-Off  Connection:  with tube nut 6 x 8 mm  Connection description:  With tube nut 6 x 8 mm  Connection description:  PVDF  Material description:  PVDF  Seal description:  PVDF  Seal description:  Fluororubber  blank finish  Coding:  R = red  Material connection:  PVDF, white  Material valve body:  Material valve body:  Material sleeve:  PVDF, white  Material sleeve:  PVDF, white  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Mo  Safety locking system:  No  Single-hand operation:  No  Ball locking:  No  Safety locking system:  No  Single-hand operation:  No	
Coupling system with single-hand operat type of plastic locking system with handy considerably expands the applications of Two sleeve forms - tapered and cylindric tapered sleeve form facilitates handling wolor coding of the coupling and plug of for avoiding mix-ups between media whe static working pressure with safety factor -20°C up to +80°C (POM) -20°C up to +1 depending on the medium.  Shut-Off: Quick coupling Double Shut-Off Connection: with tube nut 6 x 8 mm Connection description: with tube nut 6 x 8 mm Connection type: Connection type: Connection type: Material: PVDF Material description: PVDF Seal description: PVDF Seal description: PVDF Material connection: PVDF, white Material valve body: PVDF, white Material valve body: Material sleeve: PVDF, white Material sleeve: PVDF, white Material spring snap ring: Material balls/pins: PVDF, white Material balls/pins: PVDF, white Material seal: Viton® Weight in kg: Ooded: Yes Self-venting coupling: No Single-hand operation: No Ball locking: No	
type of plastic locking system with handy considerably expands the applications of Two sleeve forms - tapered and cylindric tapered sleeve form facilitates handling vool coding of the coupling and plug offe for avoiding mix-ups between media whe static working pressure:  Working pressure:  10 bar (POM, at 20°C), 8 bar (PVDF, at 3 static working pressure with safety factor -20°C up to +80°C (POM) -20°C up to +10 depending on the medium.  Shut-Off:  Quick coupling Double Shut-Off  Connection:  with tube nut 6 x 8 mm  Connection description:  With tube nut 6 x 8 mm  Connection type:  Connection nut  Material:  PVDF  Material description:  PVDF  Seal description:  Surface:  blank finish  Coding:  R = red  Material connection:  Material valve body:  PVDF, white  Material valve body:  PVDF, white  Material sleeve:  PVDF, white  Material balls/pins:  Meterial balls/pins:  PVDF, white  Material balls/pins:  PVDF, white  Material seal:  Viton®  Weight in kg:  O,018  Coded:  Yes  Self-venting coupling:  No  Single-hand operation:  No  Ball locking:  No	
working pressure:  working temperature:  -20°C up to +80°C (POM) -20°C up to +1 depending on the medium.  Shut-Off:  Cuick coupling Double Shut-Off  Connection:  with tube nut 6 x 8 mm  Connection description:  Connection type:  Connection nut  Material:  PVDF  Material description:  Seal description:  Surface:  blank finish  Coding:  Material connection:  PVDF, white  Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material seal:  Witon®  Weight in kg:  Coded:  Yes  Self-venting coupling:  No  Single-hand operation:  No  Puble (POM) -20°C up to +1 depending on the medium.  20°C up to +80°C (POM) -20°C up to +1 depending on the medium.  Authority on the medium.  Cuick coupling Double Shut-Off  Quick coupling Double Shut-Off  Quick coupling number of the medium.  Suith tube nut 6 x 8 mm  Connection nut  PVDF  Material fx 8 mm  Connection nut  PVDF  Blank finish  R = red  Material connection:  PVDF, white  Material sleeve:  PVDF, white  Material spring snap ring:  Material balls/pins:  PVDF, white  Material seal:  Viton®  O,018  Coded:  Yes  Self-venting coupling:  No  Single-hand operation:  No  Ball locking:  No	r sleeve if this series. al, where the with gloves. The ers a guarantee en coupling.
working temperature:  depending on the medium.  Shut-Off:  Quick coupling Double Shut-Off  Connection:  with tube nut 6 x 8 mm  Connection type:  Connection nut  Material:  PVDF  Material description:  Seal description:  Surface:  Dlank finish  Coding:  R = red  Material connection:  PVDF, white  Material valve body:  Material sleeve:  Material valve:  Material spring snap ring:  Material spring snap ring:  Material seal:  Witon®  Weight in kg:  Coded:  Seafety locking system:  No  Single-hand operation:  With tube nut 6 x 8 mm  Connection with tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  Connection nut  PVDF  With finish  Stainless steel AlSI 316Ti  Material balls/pins:  PVDF, white  Material seal:  Viton®  Woo  Safety locking system:  No  Single-hand operation:  No  Ball locking:  No	
Connection:  With tube nut 6 x 8 mm  Connection description:  With tube nut 6 x 8 mm  Connection type:  Connection nut  Material:  PVDF  Material description:  Seal description:  Surface:  Undersial connection:  Material connection:  Material connection:  Material valve body:  Material valve body:  Material seeve:  PVDF, white  Material valve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Coded:  Self-venting coupling:  Sale locking system:  No  Single-hand operation:  No  Ball locking:  No  Connection nut  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  Connection nut  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  PVDF  With tube nut 6 x 8 mm  Connection nut  PVDF  With tube nut 6 x 8 mm  P	20°C (PVDF)
Connection description:  Connection type:  Connection nut  Material:  PVDF  Material description:  Seal description:  Surface:  Diank finish  Coding:  Material connection:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Coded:  Self-venting coupling:  No  Single-hand operation:  Two-hand operation:  Weight in kg:  No  Ball locking:  No	
Connection type:  Material:  Material description:  Seal description:  Surface:  Diank finish  Coding:  R = red  Material connection:  Material valve body:  Material seleve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Coded:  Self-venting coupling:  Single-hand operation:  No  Ball locking:  No  PVDF  Coded:  PVDF  Connection nut  PVDF  PVDF  PVDF  Fluororubber  Fluororubber  Fluororubber  Fluororubber  Fluororuber  Fluor	
Material:  Material description:  Seal description:  Fluororubber  Surface:  blank finish  Coding:  R = red  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Witon®  Weight in kg:  Coded:  Self-venting coupling:  Single-hand operation:  Two-hand operation:  No  Ball locking:  No	
Material description:  Seal description:  Surface:  Diank finish  R = red  Material connection:  Material valve body:  Material sleeve:  Material valve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Meterial seal:  Witon®  Weight in kg:  Coded:  Self-venting coupling:  Single-hand operation:  Two-hand operation:  Mo  Single-hand operation:  PVDF  Fluororubber  Fluororubber  Fluororubber  Fluororubber  Fluororubber  Fluororubber  Fluororubber  Fluororubber  Fluororubber  Fluororuber  Fluo	
Seal description:  Surface:  Surface:  Dlank finish  R = red  Material connection:  Material valve body:  Material sleeve:  Material valve:  Material syring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Viton®  Weight in kg:  Coded:  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  No  Single-mand operation:  No  Safety locking:  No  No  Safety locking:  No	
Surface:  Coding:  R = red  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  PVDF, white  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Viton®  Weight in kg:  Coded:  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  No  R = red  Blank finish  R = red  Note, white  PVDF, white  PVDF, white  Votan®  Viton®  No  Safety locking system:  No  No  No  Single-hand operation:  No  Ball locking:  No	
Coding:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material balls/pins:  Moterial seal:  Witon®  Weight in kg:  Coded:  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  No  No  PVDF, white  No  Stainless steel AISI 316Ti  No  Viton®  Viton®  No  No  No  No  Safety locking system:  No  No  No  No  No  No  No  No  No  N	
Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material valve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Weight in kg:  Coded:  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Material connection:  PVDF, white  No  Stainless steel AISI 316Ti  PVDF, white  Viton®  0,018  Coded:  Yes  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:	
Material valve body:  Material sleeve:  Material sleeve:  Material valve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Weight in kg:  Coded:  Self-venting coupling:  Self-venting system:  No  Single-hand operation:  Two-hand operation:  Mo  PVDF, white  Viton®  0,018  0,018  No  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  No	
Material sleeve:  Material valve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Weight in kg:  Coded:  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Material seal:  Viton®  0,018  Coded:  Yes  Self-venting coupling:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  No	
Material valve:  Material spring snap ring:  Material balls/pins:  Material seal:  Weight in kg:  Coded:  Self-venting coupling:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Material seal:  Viton®  Viton®  Viton®  No  0,018  Ves  No  Self-venting coupling:  No  Single-hand operation:  No  Ball locking:  No	
Material spring snap ring:  Material balls/pins:  PVDF, white  Material seal:  Weight in kg:  Coded:  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Ball locking:  Stainless steel AISI 316Ti  PVDF, white  Viton®  O,018  Ves  No  Self-venting coupling:  No  No  Safety locking system:  No  No  Ball locking:  No	
Material balls/pins:         PVDF, white           Material seal:         Viton®           Weight in kg:         0,018           Coded:         Yes           Self-venting coupling:         No           Safety locking system:         No           Single-hand operation:         Yes           Two-hand operation:         No           Ball locking:         No	
Material seal:         Viton®           Weight in kg:         0,018           Coded:         Yes           Self-venting coupling:         No           Safety locking system:         No           Single-hand operation:         Yes           Two-hand operation:         No           Ball locking:         No	
Weight in kg:         0,018           Coded:         Yes           Self-venting coupling:         No           Safety locking system:         No           Single-hand operation:         Yes           Two-hand operation:         No           Ball locking:         No	
Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No	
Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  No	
Safety locking system:  Single-hand operation:  Two-hand operation:  Ball locking:  No	
Single-hand operation:  Two-hand operation:  Ball locking:  No	
Two-hand operation:  Ball locking:  No	
Two-hand operation:  Ball locking:  No	
Ball locking: No	
Din lock:	
ILIII IOCK. INO	
Ultra-FLO-valve: No	
Vacuum suitable: Yes	
Water-resistant: No	
Flat-sealing: No	
Suitable breath / respiratory protection: No	
Pressure eliminator: No	
Hydraulics: No	
Pneumatics: Yes	
Standard product: No	
Mould coupling:	

## **Dimensions**

Connection A:	6 x 8 mm
D mm:	21
G mm:	M 12 x 1
L mm:	56
L1 mm:	6
L2 mm:	7
SW mm:	17