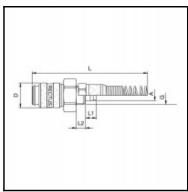
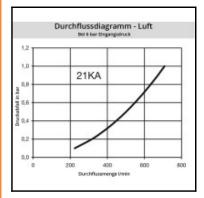
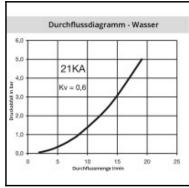


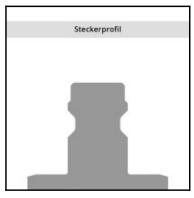
## Datasheet of 21KAKK06MEN Quick coupling with hose nut and spring guard E











## Description

Quick coupling single shut-off, with hose nut and spring guard 4 x 6 mm, nominal diameter 5, <35 bar, brass nickel plated, seal EPDM

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous medio. Coupling system with single-hand operation. Small dimensions and large band width in materials and valve variants.

## **Details**

Series long:  Bore in mm:  5 Bore area in mm²:  20 One-hand operation. Small dimensions. All variants are compatible.  Compatibility:  RECTUS 90 Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off:  Connection:  Tube nut with spring guard 4 x 6 mm Connection description:  Connection type:  Connection nut  Material description:  Brass nickel plated  Material description:  Ethylene-propylene-diene rubber  Surface:  Inche plated  Material sleeve:  Material sleeve:  Material sleeve:  Material sleeve:  Material sleeve:  Brass nickel plated  Material sleeve:  Material sleeve:  Brass nickel plated  Material sleeve:  Material	Series:	21
Bore in mm:  Bore area in mm?:  20  Advantages:  Compatibility:  RECTUS 90  Working pressure:  40 to 1.  20°C up to +100°C (R)BR) -40°C up to +120/150°C  (FFKM) depending on the medium.  Shut-Off:  Connection:  Connection:  Connection:  Tube nut with spring guard 4 x 6 mm  Connection type:  Material:  Brass nickel plated  Material connection:  Brass cickel plated  Material seleve:  Material valve body:  Material valve body:  Material valve:  Material spring snap ring:  Material coupling:  Stainless steel AISI 301  Material operation:  No  Self-venting coupling:  Self-venting coupling:  Self-venting coupling:  No  Self-venting coupling:  No  Silloshing:  Yes  Pin lock:  Ultra-FLO-valve:  No  Ves  Haterial-ver  No  Surface:  No  No  Sultable breath / respiratory protection:  No  Sultable breath / respiratory protection:  No  Pressure eliminator:  No  Sultable breath / respiratory protection:  No  Pressure eliminator:  No	Series long:	21KA
Advantages:  Compatibility:  RECTUS 90  Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off:  Connection:  Connection:  Connection description:  Connection description:  Material:  Brass nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material sleeve:  Material sleeve:  Material sleeve:  Brass nickel plated  Material slerve:  Material slerve:  Material slerve:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Ou409  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presumatics:  No  No  Pressure eliminator:  No  Presumatics:  No  No  Pressure eliminator:  No  Presumatics:  No  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No		5
Advantages: Compatibility: RECTUS 90 Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/150°C (EFMM) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off: Quick coupling Single Shut-Off Connection: Tube nut with spring guard 4 x 6 mm Connection description: Tube nut with spring guard 4 x 6 mm Connection nut Material: Brass nickel plated Material description: Brass cuznagebae Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material valve: Brass nickel plated Material seve: Brass nickel plated Material valve: Brass nickel plated Material seve: Brass nickel plated Material seve		20
Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off Connection:  Tube nut with spring guard 4 x 6 mm Connection description:  Tube nut with spring guard 4 x 6 mm Connection type:  Connection nut  Material:  Brass nickel plated  Material description:  Brass CuZn39Pb3 2.0401 (except sleeve)  Seal description:  Brass nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material valve body:  Brass nickel plated  Material valve body:  Brass nickel plated  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  No  Self-venting coupling:  No  Safety locking system:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Ves  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No	Advantages:	l '
Working pressure:  factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/150°C (PFMM) of the +100°C (FFMM) of the +100°C (FFMM) of the +120/150°C (PFMM) of the +120/15	Compatibility:	RECTUS 90
Working temperature: (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium.  Shut-Off: Quick coupling Single Shut-Off Connection: Tube nut with spring guard 4 x 6 mm Connection description: Tube nut with spring guard 4 x 6 mm Connection type: Connection nut Material: Brass nickel plated Material description: Ethylene-propylene-diene rubber Seal description: Ethylene-propylene-diene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass Material slery: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Weight in kg: 0,0409 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: Yes Water-resistant: Yes Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: Yes Standard product: No	Working pressure:	
Connection:  Tube nut with spring guard 4 x 6 mm  Connection description:  Tube nut with spring guard 4 x 6 mm  Connection type:  Connection nut  Material:  Brass nickel plated  Material description:  Ethylene-propylene-diene rubber  Surface:  Inickel plated  Material connection:  Brass nickel plated  Material valve body:  Material valve body:  Material sleeve:  Brass nickel plated  Material sleeve:  No  No  Ultra-FLO-valve:  No  No  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description:  Tube nut with spring guard 4 x 6 mm  Connection type:  Connection nut  Material:  Brass nickel plated  Material description:  Ethylene-propylene-diene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material valve:  Brass nickel plated  Material valve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material sleeve:  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Weight in kg:  0,0409  Self-venting coupling:  No  Single-hand operation:  Yes  Two-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  Yes  Hat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Shut-Off:	Quick coupling Single Shut-Off
Connection type:  Connection nut  Material:  Material:  Material description:  Seal description:  Ethylene-propylene-diene rubber  Surface:  Inickel plated  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Brass nickel plated  Material valve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material valve:  Brass nickel plated  Material sleeve:  Material sleeve:  Brass nickel plated  Material valve:  Material valve:  Brass nickel plated  Material valve:  Material valve:  Brass nickel plated  Material valve:  Notatine's steel AISI 301  Material valve:  No  Stainless steel AISI 420  O,0409  Self-venting coupling:  No  Single-hand operation:  Yes  Two-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  No	Connection:	Tube nut with spring guard 4 x 6 mm
Material:  Material description:  Brass CuZn39Pb3 2.0401 (except sleeve)  Seal description:  Ethylene-propylene-diene rubber  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material valve body:  Material sleeve:  Brass nickel plated  Material valve:  Material spring snap ring:  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Weight in kg:  0,0409  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  No	Connection description:	Tube nut with spring guard 4 x 6 mm
Material description:  Seal description:  Ethylene-propylene-diene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material seve:  Brass nickel plated  Material valve body:  Brass nickel plated  Material seve:  Brass nickel plated  Material valve:  Brass nickel plated  Material valve:  Brass nickel plated  Material seve:  Brass nickel plated  Material valve:  Brass sevel AISI 301  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Weight in kg:  0,0409  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Presure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Connection type:	Connection nut
Seal description:  Surface:  nickel plated  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Weight in kg:  Safety locking system:  No  Safety locking system:  Two-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Thiok:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  No  No  No  Pneumatics:  Yes  Standard product:  No  No  No  No  No  No  No  No  No  N	Material:	Brass nickel plated
Surface:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Weight in kg:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Mo Ball locking:  Prin lock:  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  No	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material balls/pins:  Moleght in kg:  0,0409  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Seal description:	Ethylene-propylene-diene rubber
Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Weight in kg:  0,0409  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Surface:	nickel plated
Material sleeve:  Material valve:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Weight in kg:  O,0409  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Material connection:	Brass nickel plated
Material valve:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Weight in kg:  O,0409  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Material valve body:	Brass nickel plated
Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Weight in kg:  0,0409  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  No	Material sleeve:	Brass nickel plated
Material balls/pins:  Weight in kg:  O,0409  Self-venting coupling: No Safety locking system: No Single-hand operation: Yes  Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Material valve:	Brass
Weight in kg:  Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  No Ultra-FLO-valve:  Vacuum suitable:  Ves Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No Pneumatics:  Yes Standard product:  No	Material spring snap ring:	stainless steel AISI 301
Self-venting coupling:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  No Ultra-FLO-valve:  Vacuum suitable:  Ves Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No Pressure eliminator:  No Pneumatics:  Standard product:  No	Material balls/pins:	Stainless steel AISI 420
Safety locking system:  Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Standard product:  No  No  No  No  No  No  No  No  No  N	Weight in kg:	0,0409
Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Yes  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Phydraulics:  No  Pneumatics:  Standard product:  No  No  No  No  No  No  No  No  No  N	Self-venting coupling:	No
Two-hand operation:  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Phydraulics:  No  Pneumatics:  Yes  Standard product:  No	Safety locking system:	No
Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Single-hand operation:	Yes
Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Two-hand operation:	No
Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         No	Ball locking:	Yes
Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Pin lock:	No
Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  No Hydraulics:  No Pneumatics:  Yes Standard product:  No	Ultra-FLO-valve:	No
Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Vacuum suitable:	Yes
Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Water-resistant:	Yes
Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Flat-sealing:	No
Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  No	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: No		No
Standard product: No	Hydraulics:	No
·	Pneumatics:	Yes
Mould coupling: No	Standard product:	No
	Mould coupling:	No

## Dimensions

Connection A:	4 x 6 mm
D mm:	16
G mm:	M 10 x 1
L mm:	125
L1 mm:	7
L2 mm:	6
SW mm:	14