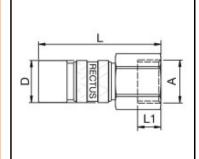
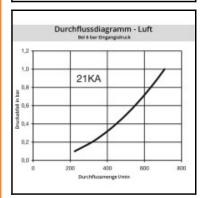
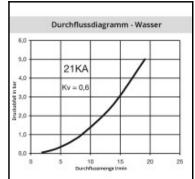
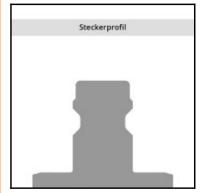
Datasheet of 21KAIN13MPX6 Quick coupling with female thread U S T R I E











Description

Quick coupling single shut-off, coded system (6 = blue, hexagon), female thread NPSF 1/4, nominal diameter 5, <35 bar, brass, seal NBR

Coded industrial coupling system developed on the basis of series 21 with above-average flow rate for liquid and gaseous medio. Coupling system with single-hand operation. The mechanical coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling, which is complemented by the color coding of the anodised sleeves. Double shut-off version available on request.

Details

Series long:21KABore in mm:5Bore area in mm²:20Advantages:Quality product. One-hand operation.Working pressure:35 bar maximum static working pressure with safety factor 4 to 1.Working temperature:-20°C up to +100°C (NBR)Shut-Off:Quick coupling Single Shut-OffConnection:Female thread NPSF 1/4"Connection description:Female thread NPSF-Gewinde ANSI B 1.20.3 1/4"Connection type:Female threadMaterialBrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:6 = blue, hexagonMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:Brass	Series:	21
Bore in mm: 5 Bore area in mm?: 20 Advantages: Quality product. One-hand operation. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Single Shut-Off Connection: Female thread NPSF 1/4" Connection description: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection: Brass Material description: Nitrite-butadiene rubber Surface: blank finish Coding: 6 = blue, hexagon Material valve body: Brass Material valve: Brass Material valve: Brass Material seleve: Brass Material seleve: Brass Material seleve: Brass Material valve: Brass		
Bore area in mm*: 20 Advantages: Quality product. One-hand operation. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Single Shut-Off Connection: Female thread NPSF 14" Connection type: Female thread NPSF -Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF -Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF -Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF -Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF -Gewinde ANSI B 1.20.3 1/4" Connection: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Saface: blank finish Coding: 6 = blue, hexagon Material connection: Brass Material valve body: Brass Material leave: Brass Material sleeve: Brass <td></td> <td></td>		
Advantages: Quality product. One-hand operation. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Single Shut-Off Connection description: Female thread NPSF 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection: Brass Material description: Brass Surface: blank finish Coding: 6 = blue, hexagon Material source Brass Material selewe: Brass Material selewe: Brass Material selewe: Brass Material selewe: Brass Material spring snap ring: stainless steel AISI 301 <td></td> <td></td>		
35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Single Shut-Off Connection Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection description: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection description: Brass Material description: Brass Surface: blank finish Coding: 6 = blue, hexagon Material soluce: Brass Material soluce: Brass Material soluce: Brass Material soling sonp ring: stainless steel AISI 301 Material soling sonp ring: stainless steel AISI 420 Material soling: Yes Self-venting coupling: No Safety		
Working pressure: factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Single Shut-Off Connection Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection description: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4" Connection type: Female thread Material Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Connection: Brass Material valve body: Brass Material valve body: Brass Material valve Brass Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0.0539 Coded: Yes Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Weight in kg: Yes <td>Advantages:</td> <td>• •</td>	Advantages:	• •
Shut-Off: Quick coupling Single Shut-Off Connection: Female thread NPSF 1/4* Connection description: Female thread NPSF-Gewinde ANSI B 1.20.3 1/4* Connection type: Female thread Material: Brass Material: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Coding: 6 = blue, hexagon Material connection: Brass Material valve body: Brass Material valve body: Brass Material spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0539 Coded: Yes Self-venting coupling: No Safety locking system: No Sall locking: Yes Pin lock: No Vacuum suitable: Yes Water-resistant: Yes Further of the prior protection: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Pressure elimin	Working pressure:	factor 4 to 1.
Connection:Female thread NPSF 1/4"Connection description:Female thread NPSF-Gewinde ANSI B 1.20.3 1/4"Connection type:Female threadMaterialBrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishConnectionG = blue, hexagonMaterial connection:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial balls/pins:Stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0.0539Coded:YesSafety locking system:NoSafety locking system:NoBall locking:YesPin lock:NoUltra-FLO-valve:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:No	Working temperature:	-20°C up to +100°C (NBR)
Connection description:Female thread NPSF-Gewinde ANSI B 1.20.3 1/4"Connection type:Female threadMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:6 = blue, hexagonMaterial valve body:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial pring snap ring:stainless steel AISI 301Material slesity:Q.0539Coded:YesSelf-venting coupling:NoSingle-hand operation:YesSingle-hand operation:NoBall locking:YesPin lock:NoVacuum suitable:YesSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator: </td <td>Shut-Off:</td> <td>Quick coupling Single Shut-Off</td>	Shut-Off:	Quick coupling Single Shut-Off
Connection type:Female threadMaterial:BrassMaterial description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:6 = blue, hexagonMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial valve body:BrassMaterial valve body:BrassMaterial spring snap ring:stainless steel AISI 301Material spring snap ring:Stainless steel AISI 301Material seal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminato	Connection:	Female thread NPSF 1/4"
Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Coding: 6 = blue, hexagon Material connection: Brass Material connection: Brass Material valve body: Brass Material sleeve: Brass Material valve: Brass Material spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0539 Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Flat-sealing: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No Pressure eliminator: No Suitable breath / respiratory protection: No Presu	Connection description:	Female thread NPSF-Gewinde ANSI B 1.20.3 1/4"
Material description:Brass CuZn39Pb3 2.0401 (except sleeve)Seal description:Nitrite-butadiene rubberSurface:blank finishCoding:6 = blue, hexagonMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0.0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Connection type:	Female thread
Seal description: Nitrite-butadiene rubber Surface: blank finish Coding: 6 = blue, hexagon Material connection: Brass Material valve body: Brass Material seleve: Brass Material spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0539 Coded: Yes Self-venting coupling: No Safety locking system: 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 Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No	Material:	Brass
Surface:blank finishCoding:6 = blue, hexagonMaterial connection:BrassMaterial valve body:BrassMaterial valve body:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesVacuum suitable:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:<	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Coding:6 = blue, hexagonMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial valve:BrassMaterial valve:BrassMaterial seal:Brebunn®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesYeesPin Lock:Ultra-FLO-valve:NoVacuum suitable:YesVacuum suitable:YesSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:YesStandard product:No	Seal description:	Nitrite-butadiene rubber
Material connection:BrassMaterial valve body:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:	Surface:	blank finish
Material valve body:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesPin lock:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator: <td< td=""><td>Coding:</td><td>6 = blue, hexagon</td></td<>	Coding:	6 = blue, hexagon
Material sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AISI 301Material sal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesVater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator	Material connection:	Brass
Material valve:BrassMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesVater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure elimina	Material valve body:	Brass
Material spring snap ring:stainless steel AISI 301Material salis/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:Yes <td>Material sleeve:</td> <td>Brass</td>	Material sleeve:	Brass
Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesFlat-sealing:NoSuitable breath / respiratory protection:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Material valve:	Brass
Material seal:Perbunan®Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material spring snap ring:	stainless steel AISI 301
Weight in kg:0,0539Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Material balls/pins:	Stainless steel AISI 420
Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Material seal:	Perbunan®
Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:YesStandard product:No	Weight in kg:	0,0539
Safety locking system:NoSingle-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Coded:	Yes
Single-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Self-venting coupling:	No
Two-hand operation:NoBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard product:No	Safety locking system:	No
Ball locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoHydraulics:NoPneumatics:YesStandard 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: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Water-resistant:	Yes
Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: No	Pressure eliminator:	No
Standard product: No	Hydraulics:	No
	Pneumatics:	Yes
	Standard product:	No
	· · · ·	No

Dimensions

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