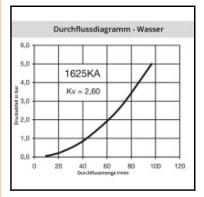
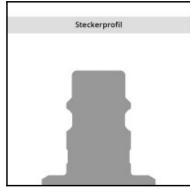


# Datasheet of 1625KAKU10SPN Quick coupling with hose nut and spring guard



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## Description

Quick coupling single shut-off, with hose nut and spring guard 8 x 10 mm, nominal diameter 7,8, <35 bar, steel nickel plated, seal NBR

Rectus Tema premium industrial coupling 3/8 with European standard profile. Suitable for compressed air applications with greater than average air consumption. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Extremely robust and ergonomically shaped, 2-component plastic sleeve.

### Details

Series         1625           Bore in mm:         7,8           Bore area in mm²:         48           One-hand operation. UltraFlo valve. Reduced coupling forces. Ergonomic plastic sleeve.           Compatibility:         RECTUS 25 + 26 RECTUS 1600 TEMA 1600           Working pressure:         35 bar maximum static working pressure with safety factor 4 to 1.           Working temperature:         -20°C up to +80°C (NBR) -20°C up to +80°C (PPDM) -20°C up to +80°C (FKM) depending on the medium.           Shut-Off:         Quick coupling Single Shut-Off           Connection:         Tube nut with spring guard 8 x 10 mm           Connection description:         Tube nut with spring guard 8 x 10 mm           Connection type:         Connection nut           Material description:         Steel nickel-plated           Material description:         Steel pSMRPb28K 1.0718           Seal description:         Nitrite-butadiene rubber           Surface:         nickel plated           Material valve body:         Steel, QPQ treated           Material spring snap ring:         stainless steel AISI 301           Material spring snap ring:         stainless steel AISI 420           Material spring snap ring:         stainless steel AISI 420           Material spring sprap ring:         No           Material spring sprap ring		
Bore in mm:  Advantages:  Advantages:  Compatibility:  RECTUS 25 + 26 RECTUS 1600 TEMA 1600  Working pressure:  Bore area in mm?  Advantages:  Compatibility:  RECTUS 25 + 26 RECTUS 1600 TEMA 1600  Working pressure:  Bore area in maximum static working pressure with safety factor 4 to 1.  Working temperature:  -20°C up to +80°C (FMM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  Tube nut with spring guard 8 x 10 mm  Connection type:  Connection type:  Connection type:  Connection type:  Connection type:  Material description:  Steel 9SMnPb28K 1,0718  Steel sexription:  Nitrite-butadiene rubber  Material valve body:  Material valve body:  Material sleeve:  Material valve:  Brass  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material balls/pins:  No  Safety locking system:  No  Sultable breath / respiratory protection:  No  Pressure eliminator:  Yes  Standard product:  Yes  Standard product:  Yes	Series:	1625
Bore area in mm²: Advantages: One-hand operation. UltraFio valve. Reduced coupling forces. Ergonomic plastic sleeve. Compatibility: RECTUS 25 + 26 RECTUS 1600 TEMA 1600 Working pressure:  ### RECTUS 25 + 26 RECTUS 1600 TEMA 1600 ### Working pressure:  ### Working temperature:  ### Page 20°C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (FMM) depending on the medium.  ### Shut-Off:  ### Quick coupling Single Shut-Off Connection:  ### Tube nut with spring guard 8 x 10 mm Connection description:  ### Connection type:  ### Connection nut  ### Material:  ### Steel nickel-plated  ### Material:  ### Steel description:  ### Steel sinckel plated  ### Material connection:  ### Material connection:  ### Material connection:  ### Brass nickel plated  ### Material valve body:  ### Material valve body:  ### Material valve:  ### Brass  ### Material seleve:  ### PA6 + TPE  ### Material valve:  ### Brass  ### Material selalis/pins:  ### Stainless steel AISI 301  ### Material seal:  ### Perbunan®  ### Weight in kg:  ### O,086  ### Self-venting coupling:  ### No  ### Safety locking system:  ### No  ### Safety loc	Series long:	1625KA
Advantages:  One-hand operation. UltraFlo valve. Reduced coupling forces. Ergonomic plastic sleeve.  Compatibility:  RECTUS 25 + 26 RECTUS 1600 TEMA 1600  35 bar maximum static working pressure with safety factor 4 to 1.  Working temperature:  -20°C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  Tube nut with spring guard 8 x 10 mm  Connection description:  Tube nut with spring guard 8 x 10 mm  Connection type:  Connection nut  Material:  Steel nickel-plated  Material description:  Steel SSMnPb28K 1.0718  Seal description:  Nitrite-butadiene rubber  surface:  nickel plated  Material connection:  Material valve body:  Material seleve:  PA6 + TPE  Material spring snap ring:  Material selese:  Perbunan®  Weight in kg:  0,086  Self-venting coupling:  No  Single-hand operation:  No  Single-hand operation:  No  Single-hand operation:  No  Sill-te-Fit-O-valve:  Yes  Water-resistant:  No  Flat-sealing:  No  Sutlable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  Yes  Standard product:  Yes  Standard product:  Yes	Bore in mm:	7,8
forces. Ergonomic plastic sleeve.  Compatibility: RECTUS 25 + 26 RECTUS 1600 TEMA 1600  Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1.  Working temperature: -20°C up to +80°C (RBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (RM) depending on the medium.  Shut-Off: Quick coupling Single Shut-Off Connection: Tube nut with spring guard 8 x 10 mm Connection description: Connection type: Connection type: Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718  Seal description: Nitrite-butadiene rubber nickel plated Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material sleeve: PA6 + TPE Material valve: Brass Material spring snap ring: stainless steel AISI 301  Material balls/pins: Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: Safety locking system: No Safety locking system: No Safety locking system: No Ball locking: Press Pin lock: No Ultra-FLO-valve: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vatuadics: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: Yes Standard product: Yes	Bore area in mm <sup>2</sup> :	48
Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  Working temperature:  -20°C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  Tube nut with spring guard 8 x 10 mm  Connection description:  Connection nut  Material:  Steel nickel-plated  Material description:  Steel 9SMnPb28K 1.0718  Seal description:  Nitrite-butadiene rubber  Inickel plated  Material valve body:  Steel, QPQ treated  Material valve:  Brass nickel plated  Material sleeve:  PA6 + TPE  Material balls/pins:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  Qu86  Self-venting coupling:  No  Safety locking system:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Yes  Vacuum suitable:  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  Yes  Standard product:  Yes	Advantages:	
Working pressure:  ### factor 4 to 1.  ### 1.  ### Vorking temperature:  ### 2-0°C up to +80°C (NBR) -20°C up to +80°C (EPDM) -20°C up to +80°C (FKM) depending on the medium.  ### Substitute of the medium.  ### Substi	Compatibility:	RECTUS 25 + 26 RECTUS 1600 TEMA 1600
Votring temperature:  -20°C up to +80°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Tube nut with spring guard 8 x 10 mm  Connection description:  Tube nut with spring guard 8 x 10 mm  Connection type:  Connection nut  Material:  Steel nickel-plated  Material description:  Steel 9SMnPb28K 1.0718  Seal description:  Nitrite-butadiene rubber  Nitrite-butadiene rubber  Sinckel plated  Material connection:  Brass nickel plated  Material valve body:  Material seeve:  PA6 + TPE  Material serve:  Material spring snap ring:  Material spring snap ring:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  O.086  Self-venting coupling:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Ves  Vaccuum suitable:  Water-resistant:  No  Pressure eliminator:  No  Pressure eliminator:  No  Presure eliminator:  No  Presuratics:  Yes  Standard product:  Yes	Working pressure:	
Connection:  Tube nut with spring guard 8 x 10 mm Connection description:  Tube nut with spring guard 8 x 10 mm Connection type:  Connection nut Material:  Steel nickel-plated Material description:  Steel 9SMnPb28K 1.0718 Seal description:  Nitrite-butadiene rubber  Inickel plated Material connection:  Brass nickel plated Material valve body:  Steel, QPQ treated Material sleeve:  PA6 + TPE Material valve:  Brass Material spring snap ring:  stainless steel AISI 301 Material balls/pins:  Stainless steel AISI 420 Material seal:  Perbunan®  Weight in kg:  O.086 Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  Yes  Vacuum suitable:  Yes  Water-resistant:  No Fiat-sealing:  No Suitable breath / respiratory protection:  No Presume discreption in the simple of the search	Working temperature:	
Connection description:  Connection type:  Connection nut  Material:  Steel nickel-plated  Material description:  Steel 9SMnPb28K 1.0718  Seal description:  Nitrite-butadiene rubber  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material valve body:  Material sleeve:  PA6 + TPE  Material valve:  Brass  Material spring snap ring:  Material spring snap ring:  Material steel AISI 301  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  0,086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Tube nut with spring guard 8 x 10 mm  Steel Ones (Steel) and (Steel) and (Steel)  No  Ultra-FLO-valve:  Yes  Water-resistant:  No  Flat-sealing:  No  No  Pressure eliminator:  No  Presumatics:  No  Pneumatics:  Yes  Standard product:	Shut-Off:	Quick coupling Single Shut-Off
Connection type:  Connection nut  Material:  Steel nickel-plated  Material description:  Steel 9SMnPb28K 1.0718  Seal description:  Nitrite-butadiene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material sleewe:  PA6 + TPE  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  O,086  Self-venting coupling:  No  Single-hand operation:  Two-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Yes  Water-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  Yes  Standard product:  Yes  Standard product:  Virite-putadiene rubber  Steel QSMnPb28K 1.0718  Steel QSMnP28	Connection:	Tube nut with spring guard 8 x 10 mm
Material:  Steel nickel-plated  Material description:  Steel 9SMnPb28K 1.0718  Seal description:  Nitrite-butadiene rubber  Surface:  nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,086  Seff-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Yes  Water-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  Yes  Standard product:  Yes  Steel nickel-plated  Nitrite-butadeine rubber  Steel AISI 407  Naterial pated  No  No  Stainless steel AISI 420  No  No  Safety locking system:  No  No  No  No  No  No  No  No  No  N	Connection description:	Tube nut with spring guard 8 x 10 mm
Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Steel, QPQ treated Material sleeve: PA6 + TPE Material valve: Brass Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,086 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: Yes Vacuum suitable: Yes Vacuum suitable: Yes Vater-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Presumatics: Yes Standard product: Yes	Connection type:	Connection nut
Seal description:  Nitrite-butadiene rubber  Surface:  nickel plated  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material seal:  Weight in kg:  0,086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Yes  Vacuum suitable:  Water-esistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Presumatics:  No  Pneumatics:  Yes  Standard product:  Ves  Yes  Standard product:  Ves  No  No  Pressure eliminator:  No  Presumatics:  Yes  Standard product:  Ves  Standard product:  No  Statel plated  Brass nickel plated  Brass nic	Material:	Steel nickel-plated
Surface:  Material connection:  Material valve body:  Material sleeve:  PA6 + TPE  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  Pin lock:  Ves Vacuum suitable:  Ves Water-resistant:  No Suitable breath / respiratory protection:  Presumatics:  No Pneumatics:  Yes Standard product:  Yes Standard product:  Yes Standard product:  Yes Standard product:  Steel, QPQ treated  Brass nickel plated  Brass  Brass  Brass  Material sele.  Perbunan®  No  No  No  No  No  No  No  No  No  Pressure eliminator:  No  Pr	Material description:	Steel 9SMnPb28K 1.0718
Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material seal:  Meterial seal:  Weight in kg:  Self-venting coupling:  Safely locking system:  No Single-hand operation:  Two-hand operation:  Moleking:  Wilder yes  Weight in kg:  No  Single-hand operation:  Wes  Wes  Wes  Wes  Wes  Wes  Wes  We	Seal description:	Nitrite-butadiene rubber
Material valve body:  Material sleeve: PA6 + TPE  Material valve: Brass  Material spring snap ring: Material balls/pins: Stainless steel AISI 301  Material balls/pins: Stainless steel AISI 420  Material seal: Perbunan®  Weight in kg: 0,086  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: Yes  Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes  Standard product: Yes	Surface:	nickel plated
Material sleeve: PA6 + TPE  Material valve: Brass  Material spring snap ring: stainless steel AISI 301  Material balls/pins: Stainless steel AISI 420  Material seal: Perbunan®  Weight in kg: 0,086  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: Yes  Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: Yes  Standard product: Yes	Material connection:	Brass nickel plated
Material valve:  Material spring snap ring:  Material spring snap ring:  Stainless steel AISI 301  Material balls/pins:  Stainless steel AISI 420  Material seal:  Perbunan®  Weight in kg:  0,086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Yes  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  Ultra-FLO-valve:  Yes  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  Yes	Material valve body:	Steel, QPQ treated
Material spring snap ring:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  O,086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pin lock:  Ultra-FLO-valve:  Ves  Water-resistant:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  No  Stainless steel AISI 301  Stainless steel AISI 301  Stainless steel AISI 420  No  O,086  Self-venting coupling:  No  No  Single-hand operation:  No  No  Single-hand operation:  No  Pes  Wes  No  Ultra-FLO-valve:  Yes  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Phydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Material sleeve:	PA6 + TPE
Material balls/pins:  Material seal:  Perbunan®  O,086  Self-venting coupling:  No Safety locking system:  No Single-hand operation:  Two-hand operation:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No Pneumatics:  Stainless steel AISI 420  Perbunan®  O,086  Stainless steel AISI 420  No  No  No  No  No  No  No  No  No  N	Material valve:	Brass
Material seal:  Weight in kg:  O,086  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No  Pressure eliminator:  No  Pneumatics:  Yes  O,086  O,086  No  No  No  No  Suitable breath or espiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Pneumatics:  Yes  Standard product:  Yes	Material spring snap ring:	stainless steel AISI 301
Weight in kg:  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:  No Flat-sealing:  No Suitable breath / respiratory protection:  No Hydraulics:  No Pneumatics:  Yes  O,086  No No No No No Single-hand operation:  No	Material balls/pins:	Stainless steel AISI 420
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:         Yes           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Material seal:	Perbunan®
Safety locking system:  Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  Ultra-FLO-valve:  Ves  Vacuum suitable:  Ves  Water-resistant:  No  Flat-sealing:  Suitable breath / respiratory protection:  Hydraulics:  No  Pneumatics:  Standard product:  No  Yes  No  No  No  No  No  Press  Standard product:  No  Yes  No  No  No  No  No  No  Press  Standard product:  No  Yes	Weight in kg:	0,086
Single-hand operation:         Yes           Two-hand operation:         No           Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         Yes           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Self-venting coupling:	No
Two-hand operation:         No           Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         Yes           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Safety locking system:	No
Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         Yes           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Single-hand operation:	Yes
Pin lock:         No           Ultra-FLO-valve:         Yes           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Two-hand operation:	No
Ultra-FLO-valve:         Yes           Vacuum suitable:         Yes           Water-resistant:         No           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes           Standard product:         Yes	Ball locking:	Yes
Vacuum suitable:  Ves  Water-resistant:  No  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Pin lock:	No
Water-resistant:  No Flat-sealing:  No Suitable breath / respiratory protection:  No Pressure eliminator:  No Hydraulics:  No Pneumatics:  Yes Standard product:  Yes	Ultra-FLO-valve:	Yes
Flat-sealing:  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Vacuum suitable:	Yes
Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Water-resistant:	No
Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes  Standard product:  Yes	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes Standard product: Yes	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: Yes	Pressure eliminator:	No
Standard product: Yes	Hydraulics:	No
	Pneumatics:	Yes
Mould coupling: No	Standard product:	Yes
	Mould coupling:	No

### Dimensions