
KAMLOK / AUTOLOK



Schudel ag



Arm Locked

With one arm locked down firmly and the other arm in the unique 45° detent position, adaptor remains secure in coupler.

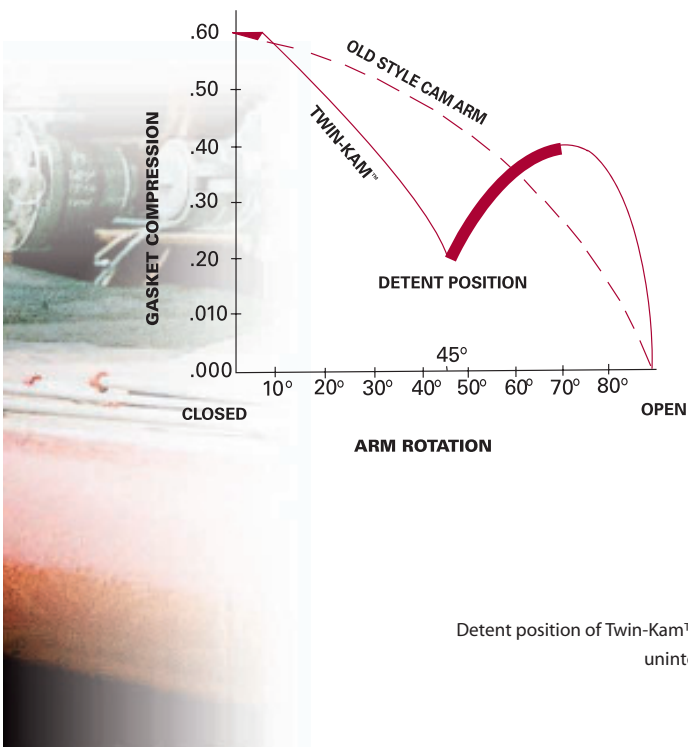
One Arm Fully Released

with one arm fully released and the other arm in the detent position, slight leakage may occur at full pressure.

Both Arms Released

with both arms in the detent position the adaptor remains secure in coupler.

The line pressure increases resistance to open arms beyond this point, in fact it pushes the cam arms to close again.



Detent position of Twin-Kam™ arms help prevent unintentional arm release




KAMLOK[®] standard configuration

- finger rings are standard on sizes from 25mm / 1 inch and up
- DIN SS Kamlok? equipped with finger rings on all sizes

AL = aluminium BR = bronze SS = 316 Stainless Steel PP = polypropylene

633 ABS Adaptor (BSPP) 633 A (NPT)		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	•	•	•	•	•	•	•	•	•	•	•	•	•
		BR	•	•	•	•	•	•	•	•	•	•	•	•	•
		SS	•	•	•	•	•	•	•	•	•	•	•	•	•
		PP	-	•	•	-	•	•	-	•	-	-	-	-	-

633 DBS Coupler (BSPP) 633 D (NPT)		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	•	•	•	•	•	•	•	•	•	•	•	•	•
		BR	•	•	•	•	•	•	•	•	•	•	•	•	•
		SS	•	•	•	•	•	•	•	•	•	•	•	•	•
		PP	-	•	•	-	-	•	-	•	-	-	-	-	-


633 ABSF Adaptor (BSPP) with Thread Gasket (DIN2828)		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	-	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-	-
		SS	-	•	•	•	•	•	-	•	-	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-	-

633 DBSF Coupler (BSPP) with Thread Gasket (DIN2828)		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	-	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-	-
		SS	-	•	•	•	•	•	-	•	-	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-	-


633FB Adaptor (BSPT) 633F (NPT)		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	•	•	•	•	•	•	•	•	•	•	•	•	•
		BR	•	•	•	•	•	•	•	•	•	•	•	•	•
		SS	•	•	•	•	•	•	•	•	•	•	•	•	-
		PP	-	•	•	-	•	•	-	•	-	-	-	-	-

633BB Coupler (BSPT) 633B (NPT)		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	•	•	•	•	•	•	•	•	•	•	•	•	•
		BR	•	•	•	•	•	•	•	•	•	•	•	•	•
		SS	•	•	•	•	•	•	•	•	•	•	•	•	-
		PP	-	•	•	-	•	•	-	•	-	-	-	-	-

633 E Adaptor		mm	15	20	25	32	40	50	65	80	100	125	150	200
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8
		AL	-	•	•	•	•	•	•	•	•	•	•	•
		BR	-	•	•	•	•	•	•	•	•	•	•	•
		SS	-	•	•	•	•	•	•	•	•	•	•	-
		PP	-	•	•	-	•	•	-	•	-	-	-	-

633C Coupler		mm	15	20	25	32	40	50	65	80	100	125	150	200
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8
		AL	-	•	•	•	•	•	•	•	•	•	•	•
		BR	-	•	•	•	•	•	•	•	•	•	•	•
		SS	-	•	•	•	•	•	•	•	•	•	•	-
		PP	-	•	•	-	•	•	-	•	-	-	-	-

633 EC Adaptor with hose shank to VG-85328-3 for use with reusable hoseclamps to DIN2817		mm	15	20	25	32	40	50	65	80	100	125	150	200
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8
		AL	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-
		SS	-	-	•	-	•	•	-	•	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-

633CC Coupler with hose shank to VG-85328-3 for use with reusable hoseclamps to DIN2817		mm	15	20	25	32	40	50	65	80	100	125	150	200
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8
		AL	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-
		SS	-	-	•	-	•	•	-	•	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-

634 A plug		mm	15	20	25	32	40	50	65	80	100	125	150	200
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8
		AL	•	•	•	•	•	•	•	•	•	•	•	•
		BR	•	•	•	•	•	•	•	•	•	•	•	•
		SS	•	•	•	•	•	•	•	•	•	•	•	•
		PP	-	-	•	-	•	•	-	•	-	-	-	-

634B cap		mm	15	20	25	32	40	50	65	80	100	125	150	200
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8
		AL	•	•	•	•	•	•	•	•	•	•	•	•
		BR	•	•	•	•	•	•	•	•	•	•	•	•
		SS	•	•	•	•	•	•	•	•	•	•	•	•
		PP	-	-	•	-	•	•	-	•	-	-	-	-

634BK cap with messing cam arms lockable		mm	15	20	25	32	40	50	65	80	100	125	150	200
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8
		AL	-	-	-	-	•	•	•	•	•	-	-	-
		BR	-	-	-	-	•	•	•	•	•	-	-	-
		SS	-	-	-	-	•	•	•	•	•	-	-	-
		PP	-	-	-	-	•	•	-	•	-	-	-	-

AUTOLOK™ self locking Quick Couplings

FEATURES AND BENEFITS

Autolok™ by OPW represents the most significant development in quick-disconnect cam and groove coupling design. It utilizes a patented locking arm design that ensures the arms are locked automatically when closed. Opening is a simple matter of tugging the finger rings™, eliminating the use of clips, pins or buttons.

If operator safety and fluid integrity are important to your business: specify authentic OPW AUTOLOK™ quick couplings, recognized as the industry's safest and sturdiest cam and groove coupling system.



Only the original Autolok™ quick couplers come with the patented smooth-action arms to ensure hassle free operation. Always specify authentic OPW Autolok™ to ensure safety, cleanliness and reliability.

- The Only Original
- Not affected by process vibrations
- Twin-Kam™ arms, prevent unintentional arm release beyond 45°
- Added protection, exclusive Twin-Kam™ arm design with special detent provide extra protection against accidental release or uncoupling.
- GFL™ Guaranteed For Life cam arms
- 316 Stainless Steel, EN10204-3.1 material certification available
- Cam and Groove design provides reliable smooth operation in 360° orientation
- Ease of use Arms lock automatically. No clips to insert or remove, no spring-loaded button to push.
- Spring-Ring™ finger-rings, rings will not get trapped under the arms so opening and closing is quick and easy
- Heavy-duty construction
- Best value, built to the highest quality standards with unique ease of use and safety features makes OPW Autolok™ the best overall value in the market



AUTOLOK™ standard configuration


• finger rings are standard on all sizes


AL = aluminium BR = bronze SS = 316 Stainless Steel PP = polypropylene

733BBL Coupler (BSPT) with male thread		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	-	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-	-
		SS	•	•	•	•	•	•	•	•	•	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-	-

733CL Coupler with hose shank		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	-	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-	-
		SS	-	•	•	•	•	•	•	•	•	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-	-

733CCL Coupler with hose shank for use with reusable hoseclamps to DIN2817		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	-	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-	-
		SS	-	•	•	•	•	•	•	•	•	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-	-


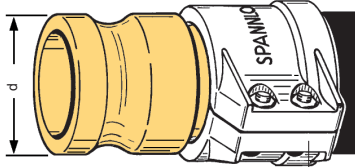
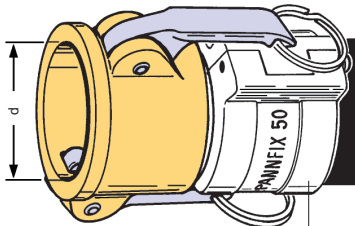

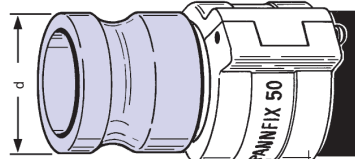
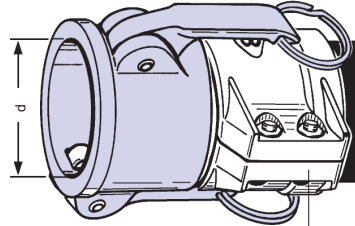

733 DBSL Coupler (BSPP) with female thread		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	-	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-	-
		SS	•	•	•	•	•	•	•	•	•	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-	-

733 DBSFL Coupler (BSPP) with Thread Gasket (DIN2828)		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	-	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-	-
		SS	•	•	•	•	•	•	•	•	•	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-	-

733 DCL dustcap		mm	15	20	25	32	40	50	65	80	100	125	150	200	
		inch	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	
		AL	-	-	-	-	-	-	-	-	-	-	-	-	-
		BR	-	-	-	-	-	-	-	-	-	-	-	-	-
		SS	-*	•	•	•	•	•	•	•	•	-	-	-	-
		PP	-	-	-	-	-	-	-	-	-	-	-	-	-

* ¾ is suitable for ½

TECHNISCHE ÄNDERUNGEN VORBEHALTEN · NACHDRUCK UND KOPIEN NUR MIT UNSEREM EINVERSTÄNDNIS · Specifications subject to change without notice · Copyright ELAFLEX

GRUPPE 2 Section	Gewicht Weight Approx. ≈ kg	KUPPLUNG Form + Größe Coupling Form + Size in.	FÜR SCHLAUCHGRÖSSE For Hose Size			SPANN- KLEMMEN Span Clamps Form	BESTELL- NUMMER Part Number Type		
			ID mm	ID in.	OD mm				
<p>Schlauchkupplungen mit Hebelsystem nach DIN EN 14420 - 7 (DIN 2828), mit Spannfix- oder Spannloc-Sicherheitseinband aus Pressaluminium. Nenndruck bis 10 bar.</p> <p>Hose couplings to EN 14420 - 7 (MIL-C-27487) with Spannfix or Spannloc clamps of hot stamped aluminium. Working pressure up to 10 bar.</p> <p>Amerikan. Vater-Kupplung und Schlauchstutzen aus Pressmessing.</p> <p>Type AVK (USA = E)</p> <p>E = Adapter and hose tail of hot stamped brass</p>	0,4 0,4	AVK 1" (d = 36,7 mm)	25	1"	36 - 38 36 - 39	Spannfix Spannloc	AVKX 25 AVKC 25	 <p>Form Spannloc</p>	
	0,6 0,6	AVK 1 1/4" (d = 45,5 mm)	32	1 1/4"	43 - 45 43 - 46	Spannfix Spannloc	AVKX 32 AVKC 32		
	0,7 0,7	AVK 1 1/2" (d = 53,5 mm)	38	1 1/2"	50 - 52 50 - 53	Spannfix Spannloc	AVKX 38 AVKC 38		
	0,9 1,0	AVK 2" (d = 63 mm)	50	2"	63 - 67 63 - 67	Spannfix Spannloc	AVKX 50 AVKC 50		
	1,4 1,5	AVK 2 1/2" (d = 75,8 mm)	63	2 1/2"	78 - 81 78 - 82	Spannfix Spannloc	AVKX 63 AVKC 63		
	1,7 1,8	AVK 3" (d = 91,5 mm)	75	3"	89 - 92 89 - 94	Spannfix Spannloc	AVKX 75 AVKC 75		
	3,7 4,3	AVK 4" (d = 119,5 mm)	100	4"	115 - 118 114 - 119	Spannfix Spannloc	AVKX 100 AVKC 100		
	0,7 0,7	AMK 1" (d = 37,2 mm)	25	1"	36 - 38 36 - 39	Spannfix Spannloc	AMKX 25 AMKC 25		<p>Amerikan. Mutter-Kupplung und Schlauchstutzen aus Pressmessing. Hebel aus Edelstahl Dichtung aus NBR</p> <p>Type AMK (USA = C)</p> <p>C = Coupler and hose tail of hot stamped brass. Lever of stainless steel Seal of NBR</p>  <p>Form Spannfix</p>
	1,0 1,0	AMK 1 1/4" (d = 46 mm)	32	1 1/4"	43 - 45 43 - 46	Spannfix Spannloc	AMKX 32 AMKC 32		
	1,3 1,3	AMK 1 1/2" (d = 54 mm)	38	1 1/2"	50 - 52 50 - 52	Spannfix Spannloc	AMKX 38 AMKC 38		
1,3 1,4	AMK 2" (d = 63,7 mm)	50	2"	63 - 67 63 - 67	Spannfix Spannloc	AMKX 50 AMKC 50			
2,4 2,5	AMK 2 1/2" (d = 76,5 mm)	63	2 1/2"	78 - 81 78 - 82	Spannfix Spannloc	AMKX 63 AMKC 63			
2,5 2,6	AMK 3" (d = 92,2 mm)	75	3"	89 - 92 89 - 94	Spannfix Spannloc	AMKX 75 AMKC 75			
6,2 6,8	AMK 4" (d = 120,2 mm)	100	4"	115 - 118 114 - 119	Spannfix Spannloc	AMKX 100 AMKC 100			
*) Für Bestellung von Ersatzdichtungen die Kupplungsgröße ergänzen For spare seals complete the Part Number with coupler size						AKD . . . NBR *)	Ersatzdichtungen s. S. 395 Spare parts s. page 395		
<p>Amerikan. Vater-Kupplung und Schlauchstutzen aus rostfreiem Edelstahl 1.4571.</p> <p>Type AVK (USA = E)</p> <p>E = Adapter and hose tail of stainless steel</p>	0,4 0,4	AVK 1" (d = 36,7 mm)	25	1"	36 - 38 36 - 39	Spannfix Spannloc	AVKX 25 SS AVKC 25 SS	 <p>Form Spannfix</p>	
	0,5 0,5	AVK 1 1/4" (d = 45,5 mm)	32	1 1/4"	43 - 45 43 - 46	Spannfix Spannloc	AVKX 32 SS AVKC 32 SS		
	0,7 0,7	AVK 1 1/2" (d = 53,5 mm)	38	1 1/2"	50 - 52 50 - 53	Spannfix Spannloc	AVKX 38 SS AVKC 38 SS		
	0,8 0,9	AVK 2" (d = 63 mm)	50	2"	63 - 67 63 - 67	Spannfix Spannloc	AVKX 50 SS AVKC 50 SS		
	1,3 1,4	AVK 2 1/2" (d = 75,8 mm)	63	2 1/2"	78 - 81 78 - 82	Spannfix Spannloc	AVKX 63 SS AVKC 63 SS		
	1,6 1,7	AVK 3" (d = 91,5 mm)	75	3"	89 - 92 89 - 94	Spannfix Spannloc	AVKX 75 SS AVKC 75 SS		
	4,3 4,9	AVK 4" (d = 119,5 mm)	100	4"	115 - 118 114 - 119	Spannfix Spannloc	AVKX 100 SS AVKC 100 SS		
	0,4 0,4	AMK 1" (d = 37,2 mm)	25	1"	36 - 38 36 - 39	Spannfix Spannloc	AMKX 25 SS AMKC 25 SS		<p>Amerikan. Mutter-Kupplung und Schlauchstutzen aus rostfreiem Edelstahl 1.4401. Dichtung Hypalon (auf Wunsch Viton)</p> <p>Type AMK (USA = C)</p> <p>C - Coupler and hose tail of stainless steel. Seal of Hypalon (Viton on request)</p>  <p>Form Spannfix</p>
	0,7 0,7	AMK 1 1/4" (d = 46 mm)	32	1 1/4"	43 - 45 43 - 46	Spannfix Spannloc	AMKX 32 SS AMKC 32 SS		
	1,1 1,1	AMK 1 1/2" (d = 54 mm)	38	1 1/2"	50 - 52 50 - 53	Spannfix Spannloc	AMKX 38 SS AMKC 38 SS		
1,4 1,5	AMK 2" (d = 63,7 mm)	50	2"	63 - 67 63 - 67	Spannfix Spannloc	AMKX 50 SS AMKC 50 SS			
1,8 1,9	AMK 2 1/2" (d = 76,5 mm)	63	2 1/2"	78 - 81 78 - 82	Spannfix Spannloc	AMKX 63 SS AMKC 63 SS			
2,4 2,5	AMK 3" (d = 92,2 mm)	75	3"	89 - 92 89 - 94	Spannfix Spannloc	AMKX 75 SS AMKC 75 SS			
4,0 4,6	AMK 4" (d = 120,2 mm)	100	4"	115 - 118 114 - 119	Spannfix Spannloc	AMKX 100 SS AMKC 100 SS			
*) Für Bestellung von Ersatzdichtungen die Kupplungsgröße ergänzen For spare seals complete the Part Number with coupler size						AKD . . . Hypalon *) AKD . . . Viton *)	Ersatzdichtungen s. S. 395 Spare parts s. page 395		



Chem. Beständigkeit
siehe Seite 250
Chemical resistance
see page 250

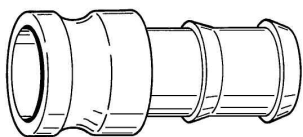
Schlauchkupplungen, amerikan. System

CAM HOSE COUPLINGS AMERICAN SYSTEM 255

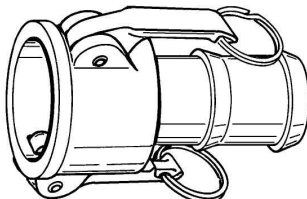
Sonderausführungen · Special Types

1

Type AVKS...SK
(Form E)



Type AMKS...SK
(Form C)

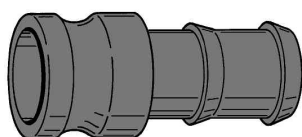


Schlauchkupplungen mit Hebelsystem nach (MIL - C 27487), mit **Schlauchstutzen für Schelleneinband**. -

Lieferbar aus Messing, Aluminium, Edelstahl rostfrei in den Größen 1/2" bis 6", aus Polypropylen in den Größen 3/4" bis 3".

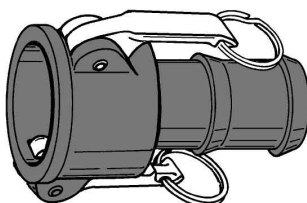
Hinweis: Polypropylen ist ein thermoplastischer Werkstoff und daher mechanisch und thermisch nicht so belastbar wie Metall. In Zweifelsfällen bitte mit Angabe über Medium, Temperatur und Betriebsdruck zurückfragen.

Type AVKS...SK PP
(Form E)



Polypropylen / Polypropylene

Type AMKS...SK PP
(Form C)



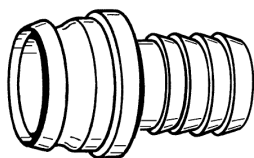
Polypropylen / Polypropylene

Cam hose couplings acc. (MIL - C 27487), with **hose tail for clamp attachment**.

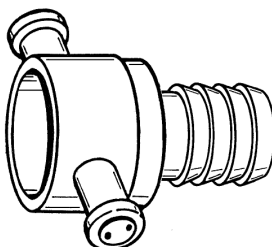
Available 1/2" to 6" in brass, aluminium and stainless steel, 3/4" to 3" in polypropylene.

Note: Polypropylene is a thermoplastic material and cannot be strained mechanically and thermally the same way as metal. If in doubt, please inquire with details about medium, temperature and pressure.

2



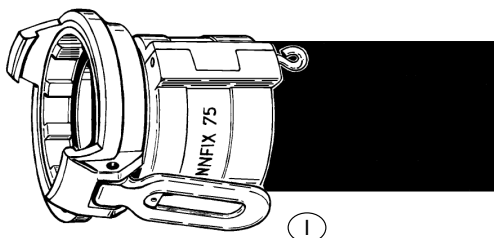
Morrison GB



Schlauchkupplungen nach System "Morrison" (Instantaneous). Englische Feuerwehrkupplung nach BS 336 aus Rotguss: 1 1/2", 2 1/2", 2 3/4"

British fire hose coupling to BS 336 in bronze System "Morrison" (Instantaneous). Dimensions 1 1/2", 2 1/2", 2 3/4". On request only.

3



"Italienische" Tankwagenkupplung. Diese Kupplung sieht unserer Tankwagen-Kupplung sehr ähnlich, entspricht aber in Abmessung und Werkstoff nicht der deutschen TW-Kupplung nach DIN 28450 und lässt sich auch nicht mit ihr koppeln. - Wahlweise mit Spannfix- oder Spannloc-Sicherheitsklemmen aus gepresstem Aluminium.

Italian road tanker coupling similar to the German TW-system (DIN 28450) but with different measurements and materials. Italian and German systems are not compatible. Alternatively with Spannfix or Spannloc safety clamps of hot stamped aluminium.