

Date Centre couplings



T'LOK-S DUAL INTERLOCK QUICK COUPLING

The T'LOK-S is a high-performance quick coupling designed for safe, clean and efficient liquid cooling connections. Its integrated valve and coupling system allows fast connection and disconnection while helping prevent leaks, accidental opening and incorrect installation.

Built for next-generation thermal management systems, the T'LOK-S features a dual interlock safety mechanism that ensures the valve only opens once the coupling is fully engaged. The aligned handles provide a clear visual confirmation of a secure connection, while the locking button helps prevent accidental release during operation.



Manufactured from durable 304 stainless steel with EPDM seals, the T'LOK-S is suitable for demanding operating environments and is available in a range of sizes, materials and connection options.

Designed for Reliable Liquid Cooling

With high flow capacity, low pressure loss and multiple connection configurations, the T'LOK-S is ideal for data centres, industrial cooling systems, process equipment and other applications requiring dependable liquid transfer and thermal management.



Key Features

- Dual interlock design for enhanced connection safety
 - No dedicated male or female ends required
 - Fast, secure connection and disconnection
 - Valves remain closed until the coupling is fully engaged
 - Locking button helps prevent accidental opening
 - Protective rubber sleeve provides added impact protection
 - 360-degree rotating connection for easier installation and hose alignment
 - Available with threaded, Tri-Clamp and hose-tail connections
 - Compatible with other leading coupling brands
 - Optional actuator interface for remote control applications
- Customisable body, seal and sleeve materials



Size : 1" to 4"

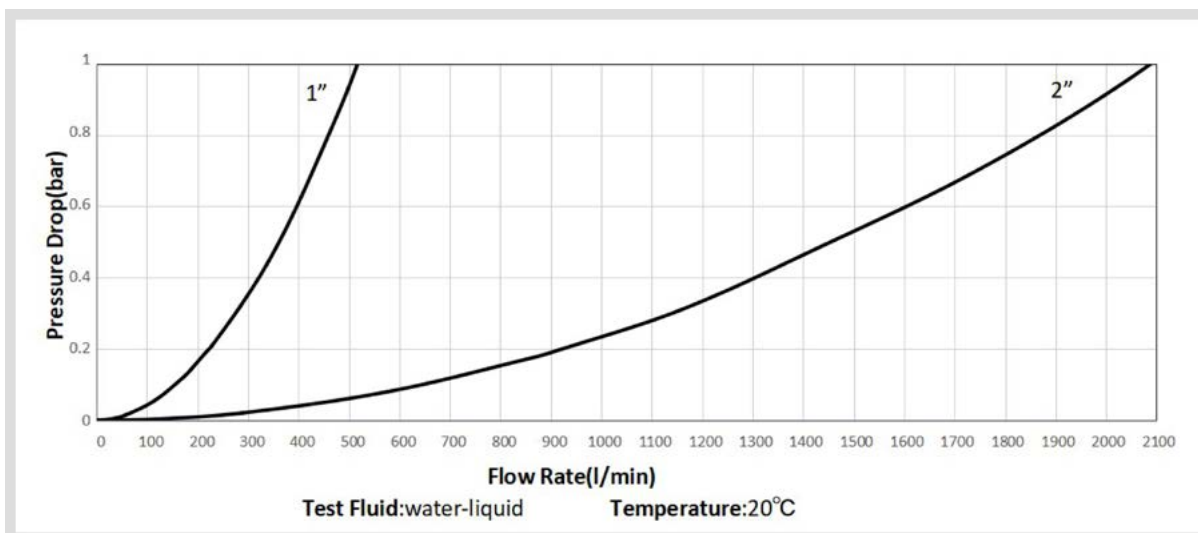
Material : Stainless Steel

Seal: EPDM

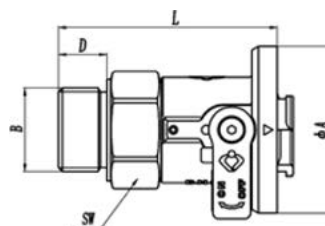
Temperature: -40°C to +120°C

Working pressure: 16bar/232psi

Connection options: Hose tail, female thread, male thread and Tri-Clamp

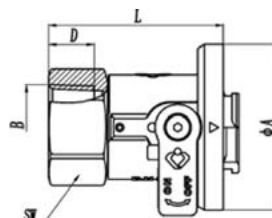


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TLOK-S MALE THREAD

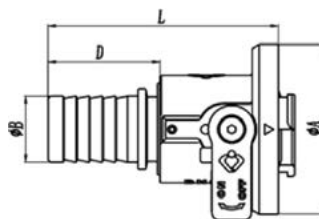
Name	Size inch	Code No.	Ball Size mm	B	Type	A mm	L mm	D mm	SW mm
Tlok-S25-G3/4" AG SS	3/4"	L2313001	20	G3/4"-14	Male BSPP	65	79.8	13	41
Tlok-S25-G1" AG SS	1"	L2313002	20	G1"-11	Male BSPP	65	81.8	15	41
Tlok-S25-1 5/16-12 UNF AG SS	1"	L2313003	20	1 5/16"-12-UNF	Male ORB	65	85.8	19	41
Tlok-S25-1"NPT AG SS	1"	L2313004	20	1"NPT-11.5	Male NPT	65	87.8	21	41
Tlok-S50-G11/2" AG SS	1 1/2"	L2313012	38	G1 1/2"-11	Male BSPP	101	113	18	70
Tlok-S50-G2" AG SS	2"	L2313013	38	G2"-11	Male BSPP	101	115	20	70
Tlok-S50-1 1/2"NPT AG SS	1 1/2"	L2313014	38	1 1/2"NPT-11.5	Male NPT	101	115	20	70
Tlok-S50-2"NPT AG SS	2"	L2313015	38	2"NPT-11.5	Male NPT	101	123	28	70
Tlok-S50B-G11/2" AG SS	1 1/2"	L2313023	40	G1 1/2"-11	Male BSPP	101	113	18	70
Tlok-S50B-G2" AG SS	2"	L2313024	40	G2"-11	Male BSPP	101	115	20	70
Tlok-S50B-1 1/2"NPT AG SS	1 1/2"	L2313025	40	1 1/2"NPT-11.5	Male NPT	101	115	20	70
Tlok-S50B-2"NPT AG SS	2"	L2313026	40	2"NPT-11.5	Male NPT	101	123	28	70
Tlok-S80-3"NPT AG SS	3"	L2313063	76	3"NPT	Male NPT	186	164	36	100
Tlok-S50B-1 1/2"NPT AG SS	3"	L2313064	76	3"G	Male G	174	164	24	100
Tlok-S50B-2"NPT AG SS	3"	L2313065	76	3"BSPP	Male BSPP	186	164	36	100



TLOK-S FEMALE THREAD

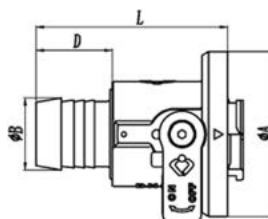
Name	Size inch	Code No.	Ball Size mm	B	Type	A mm	L mm	D mm	SW mm
Tlok-S25-G3/4" IG SS	3/4"	L2313005	20	G3/4"-14	Female BSPP	65	68.8	12	41
Tlok-S25-3/4"BSPP IG SS	3/4"	L2313041	20	BSPP3/4"	Female BSPP	65	68.8	19	41
Tlok-S25-G1" IG SS	1"	L2313006	20	G1"-11	Female BSPP	65	68.8	13	41
Tlok-S25-1 5/16-12 UNF IG SS	1"	L2313007	20	1 5/16"-12-UNF	Female ORB	65	74.8	26	41
Tlok-S25-1"NPT IG SS	1"	L2313008	20	1"NPT-11.5	Female NPT	65	68.8	18	41
Tlok-S25-1"BSPP IG SS	1"	L2301294	20	1"BSPP	Female BSPT	65	68.8	20	41
Tlok-S25-1 1/2"NPT IG SS	1 1/2"	L2301333	20	1 1/2"NPT-11.5	Female NPT	65	80.8	20	41
Tlok-S50-G11/2" IG SS	1 1/2"	L2313016	38	G1 1/2"-11	Female BSPP	101	99	18	70
Tlok-S50-G2" IG SS	2"	L2313017	38	G2"-11	Female BSPP	101	99	20	70
Tlok-S50-1 1/2"NPT IG SS	1 1/2"	L2313018	38	1 1/2"NPT-11.5	Female NPT	101	99	20	70
Tlok-S50-2"NPT IG SS	2"	L2313019	38	2"NPT-11.5	Female NPT	101	99	24	70
Tlok-S50-2 1/2"-12 UNF IG SS	2 1/2"	L2313036	38	2 1/2"-12 UNF	Female ORB	101	106.5	30	70
Tlok-S50-1 1/2"BSPP IG SS	1 1/2"	L2313042	38	1 1/2"BSPP	Female BSPP	101	99	24	70
Tlok-S50-2"BSPP IG SS	2"	L2313043	38	2"BSPP	Female BSPP	101	99	24	70
Tlok-S50B-G11/2" IG SS	2"	L2313027	40	G1 1/2"-11	Female BSPP	101	99	18	70
Tlok-S50B-G2" IG SS	2"	L2313028	40	G2"-11	Female BSPP	101	99	20	70
Tlok-S50B-1 1/2"NPT IG SS	2"	L2313029	40	1 1/2"NPT-11.5	Female NPT	101	99	20	70
Tlok-S50B-2"NPT IG SS	2"	L2313030	40	2"NPT-11.5	Female NPT	101	99	24	70
Tlok-S50-2 1/2"-12 UNF IG SS	2 1/2"	L2313039	40	2 1/2"-12 UNF		101	106.5	30	70
Tlok-S50B-1 1/2"BSPP IG SS	1 1/2"	L2313044	40	1 1/2"BSPP	Female BSPP	101	99	24	70
Tlok-S50B-2"BSPP IG SS	2"	L2313045	40	2"BSPP	Female BSPP	101	99	24	70
Tlok-S80-3"NPT IG SS	3"	L2313060	76	3"NPT	Female NPT	177	164	31	100
Tlok-S80-G3" IG SS	3"	L2313061	76	3"G	Female G	177	164	24	100
Tlok-S80-3"BSPP IG SS	3"	L2313062	76	3"BSPP	Female BSPP	177	164	31	100

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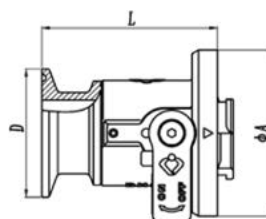
TLOK-S HOSE TAIL (WITH COLLAR)

Name	Size inch	Code No.	Ball Size mm	B	Type	A mm	L mm	D mm
Tlok-S25-25.5S SS	1"	L2313010	20	25.5	Hose	65	88.3	43
Tlok-S50-50.5S SS	2"	L2313021	38	50.5	Hose	101	121	49
Tlok-S50B-50.5S SS	2"	L2313032	40	50.5	Hose	101	121	49
Tlok-S80-75.5S SS	3"	L2313066	76	75.5	Hose	217	164	67



TLOK-S HOSE TAIL (WITHOUT COLLAR)

Name	Size inch	Code No.	Ball Size mm	B	Type	A mm	L mm	D mm
Tlok-S25-28.5SW SS	1"	L2313009	20	28.5	Hose	65	75.3	30
Tlok-S50-53.5SW SS	2"	L2313020	38	53.5	Hose	101	156.8	84.8
Tlok-S50B-53.5SW SS	2"	L2313031	40	53.5	Hose	101	156.8	84.8



TLOK-S SANITARY FLANGE

Name	Size inch	Code No.	Ball Size mm	Type	A mm	L mm	D mm
Tlok-S25-50.5TC SS	1"	L2313011	20	Sanitary Flange 1"	65	68.8	50.5
Tlok-S50-64TC SS	2"	L2313022	38	Sanitary Flange 2"	101	99	64
Tlok-S50B-64TC SS	2"	L2313033	40	Sanitary Flange 3"	101	99	64
Tlok-S80-106TC SS	3"	L2313067	76	Sanitary Flange 3"	177	164	106