

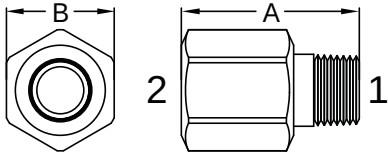


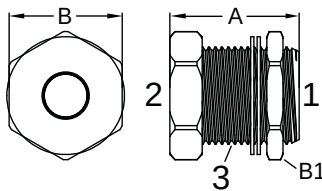
SPECIALTY FLUID FITTINGS

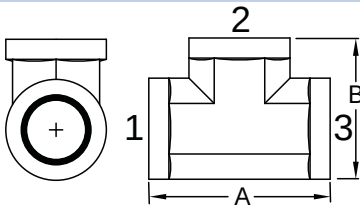
For Lubrication Systems
Catalog B151

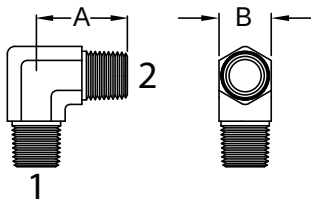
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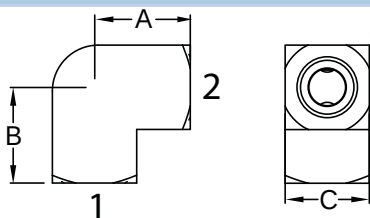
PAGE	FITTING TYPE	DESCRIPTION
5	30, 45 & 60 DEGREE ELBOW CONNECTORS	30, 45 & 60 degree elbows, male x female threads.
4	90 DEG ELBOW CONNECTORS	90 Degree elbow, male x female threads.
4	90 DEGREE ADAPTERS	90 degree elbow, male x female threads.
11	90 DEGREE ELBOW ADAPTER BODY	90 degree elbow, male x female threads. Female side for tube connection, compression bushing & sleeve not included.
3	90 DEGREE ELBOW COUPLINGS	90 degree elbow, male x male threads.
3	90 DEGREE ELBOW COUPLINGS	90 degree elbow, female x female threads.
15	90 DEGREE QUICK CONNECT TUBING ADAPTER ASSEMBLY	90 degree elbow tubing adapter assembly, push to connect tube x male threads.
10	90 DEGREE TUBING ADAPTER ASSEMBLIES	90 degree elbow, female threads x tube.
8	90 DEGREE TUBING ADAPTER ASSEMBLIES	90 degree elbow, male threads x tube.
12	90 DEGREE TUBING ADAPTER BODY	90 degree elbow, male x male threads. One side for tube connection, nut & sleeve not included.
12	90 DEGREE TUBING ADAPTER BODY	90 degree elbow, female x female threads. One side for tube connection, compression bushing & sleeve not included.
12	90 DEGREE TUBING COUPLING ASSEMBLY	Tubing union, 90 degree tube x tube coupling.
15	BANJO QUICK CONNECT TUBING ASSEMBLY	Banjo 90 degree elbow tubing adapter assembly, push to connect tube x male threads.
13	BANJO TUBING ADAPTER ASSEMBLY	Banjo 90 degree tubing adapter assembly, tube x male threads.
13	BANJO TUBING ADAPTER BODY	Banjo 90 degree adapter body, female x male threads. Female for tube connection, compression bushing & sleeve not included.
3	BULKHEAD COUPLINGS	Straight male x female threads with nut for mounting.
26	CHECK VALVES	Male, female, straight, 90 degree check valves.
6	CLOSE, HEX & HEX REDUCING NIPPLES	Pipe nipples.
17	COMPRESSION SLEEVES	Compression sleeves(olives).
29-30	CONTROL UNITS	Continuous control units.
18	COPPER SEALS	Copper seals/washers.
19	DRILL BUSHINGS	Tube drill bushings .
5	FEMALE BRANCH TEE CONNECTORS	3 Way tee with two male and one female thread.
13	FEMALE BRANCH TEE TUBING ASSEMBLY	Tee, tube x tube x female threads.
18	FEMALE CAPS	Female thread cap.
16	FEMALE COMPRESSION NUTS	Tube x female thread compression nut.
12	FEMALE TEE TUBING ADAPTER BODY	Tee, female x female x female threads. One side for tube connection, compression bushing & sleeve not included.
22	GREASE FITTINGS	Straight, 90, 65, 45 & 30 degree grease fittings.
18	HEX AND CLOSURE PLUGS	Male thread plugs.
21	HOSE	High pressure hose.
21	JIC ADAPTERS-90 ELBOWS	90 degree JIC x male thread adapters.
22	JIC ADAPTERS-STRAIGHT	Straight JIC x male thread adapters.
22	JIC TEE ADAPTERS	Tee JIC adapters.
5	MALE BRANCH TEE CONNECTORS	3 Way tee with two female and one male thread.
12	MALE BRANCH TEE TUBING ASSEMBLY	Tee, tube x tube x male threads.
16	MALE COMPRESSION BUSHINGS	Tube x male thread compression bushing.
5	MALE RUN TEE CONNECTORS	3 Way tee with two female and one male thread. Male and female thread are on top of tee.
25	METAL TUBING	Copper, steel, brass and stainless steel tubing.
28-29	METER UNITS	Cyclic meter units.
19	PDI HOSE AND ASSEMBLIES	High pressure PDI hose, fittings and complete assemblies including male standpipe fittings.
24	PLASTIC TUBING	Nylon and polyethylene tubing.
27	PRESSURE RELIEF VALVES	Straight pressure relief valves.
27	QUICK DISCONNECT COUPLINGS	Socket, plug and complete quick connect assemblies.
6	REDUCING BUSHINGS	Straight male x female threads.
21	REUSABLE JIC HOSE FITTINGS	Hose x male and female thread fittings.
20	SLR HOSE ASSEMBLIES	Low pressure SLR hose assemblies.
25	SPLIT LOOM AND SPIRAL WRAP	Protective covers.
24	SPRING COVER & WIRE BRAID COVER	Spring and wire braid covers for plastic tubing.
7	STRAIGHT ADAPTERS	Straight male x female threads.
3	STRAIGHT CONNECTORS	Straight male x female threads.
4	STRAIGHT COUPLINGS	Straight, female x female threads.
23	STRAIGHT MALE SWIVELS	Straight male swivels, swivel stops when tight.
15	STRAIGHT QUICK CONNECT COUPLING ASSEMBLY	Tubing union, straight tube x tube coupling, push to connect.
14	STRAIGHT QUICK CONNECT TUBING ADAPTER ASSEMBLY	Straight tubing adapter assembly, push to connect tube x male threads.
10	STRAIGHT TUBING ADAPTER ASSEMBLIES	Straight female threads x tube.
9	STRAIGHT TUBING ADAPTER ASSEMBLIES	Straight male threads x tube.
11	STRAIGHT TUBING ADAPTER BODIES	Straight male x female threads. Female side for tube connection, compression bushing & sleeve not included.
12	STRAIGHT TUBING ADAPTER BODY	Straight male x male threads. One side for tube connection, nut & sleeve not included.
11	STRAIGHT TUBING COUPLING ADAPTER BODY	Straight female x female threads. Both sides for tube connection, compression bushings & sleeves not included.
10	STRAIGHT TUBING COUPLING ADAPTER BODY	Straight male x male threads. Both sides for tube connection, nuts & sleeves not included.
10	STRAIGHT TUBING COUPLING ASSEMBLIES	Tubing union, straight tube x tube coupling.
5	SWIVEL FITTINGS	Straight and 90 degree swivel adapters, male x female threads.
3	TEE COUPLINGS	3 Way tee with all female threads.
14	TEE MALE BRANCH QUICK CONNECT TUBING ASSEMBLY	Tee tube x tube x male threads, push to connect.
15	TEE QUICK CONNECT COUPLING ASSEMBLY	Tubing union, tee, tube x tube x tube, push to connect.
13	TEE TUBING ADAPTER	Tee, female x female x male threads. Both females are for tube connection, male for junction mount.
13	TEE TUBING ADAPTER ASSEMBLY	Tubing union, tee, tube x tube x tube.
23	TUBING CLIPS	Single and multiple tube mounting clips.
17	TUBING INSERTS	Tube support inserts.

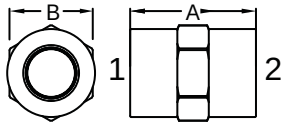
	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male(1)	Female(2)	Steel	Brass	A	B	
Straight Connector 	1/8NPT	1/8NPT	35629-1	A3920	.75"	.50"	
	1/8NPT	1/8NPT	—	A3528	1.0"	.50"	
	1/8NPT	1/8NPT	35629-2	A2540	1.25"	.50"	

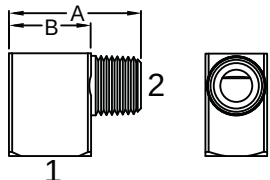
	THREADS			BDI PART #		DIMENSIONS			DRAWING
	Female(1)	Female(2)	Male(3)	Brass		A	B	B1	
Bulkhead Coupling With Nut 	1/8NPT	1/8NPT	3/4-20	21230-1		1.0"	.88"	.88"	
	1/4NPT	1/4NPT	3/4-16	32461-1		1.5"	1.0"	.938"	
	1/4NPT	1/4NPT	3/4-16	15757		0.938	1.0"	1.0"	

	THREADS			BDI PART #		DIMENSIONS		DRAWING
	Female(1)	Female(2)	Female(3)	Steel	Brass	A	B	
Tee Coupling 	1/8NPT	1/8NPT	1/8NPT	—	A4071	.562"	.75"	
	1/8NPT	1/8NPT	1/8NPT	—	U137A	1.125"	.563"	
	1/4NPT	1/4NPT	1/4NPT	—	B9592	1.438"	1.625"	
	1/4NPT	1/4NPT	1/4NPT	—	U137B	1.56"	.781"	

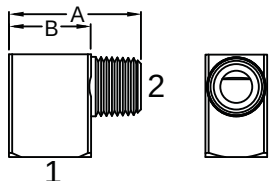
	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male(1)	Male(2)	Steel	Brass	A	B	
90 Deg Elbow Coupling 	1/4NPT	1/4NPT	—	27699	1.09"	.50"	

	THREADS		BDI PART #		DIMENSIONS			DRAWING
	Female(1)	Female(2)	Steel	Brass	A	B	C	
90 Deg Elbow Coupling 	1/8NPT	1/8NPT	—	B8025	.5625"	.5625"	.5625"	
	1/8NPT	1/8NPT	U134A	—	.5468"	.5468"	.5468"	
	1/4NPT	1/4NPT	U134B	—	.781"	.781"	.781"	

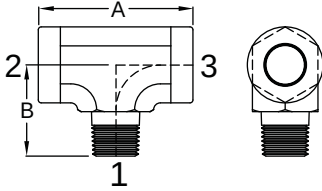
	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Female(1)	Female(2)	Steel	Brass	A	B	
Straight Coupling 	1/8NPT	1/8NPT		B6539	.75"	.50"	
	1/4NPT	1/4NPT	B10501	B8614	1.12"	.75"	

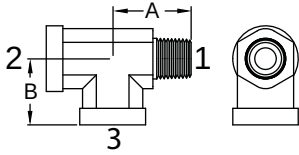
	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male(2)	Female(1)	Steel	Brass	A	B	
90 Degree Elbow Connector 	1/4-28	1/4-28	—	B4453	.53"	.313"	
	1/4-28	1/4-28	—	B6241	.656"	.312"	
	1/8NPT	1/8NPT	—	A2768	.812"	.50"	
	1/8NPT	1/8NPT	—	B5326*	.812"	.50"	
	1/8NPT	1/8NPT	—	B1936	.938"	.50"	
	1/8NPT	1/8NPT	—	A2309	1.25"	.50"	
	1/8NPT	1/8NPT	—	B1741	2.0"	.50"	
	1/8NPT	1/8NPT	—	A2539	1.63"	.50"	
	1/8NPT	1/8NPT	—	B1936	.937"	.50"	
	1/8NPT	1/8NPT	—	U152A	.81"	.50"	
	1/8NPT	1/8NPT	U1104AS	—	1.00"	.50"	
	1/8NPT	1/8NPT	50-5**	—	1.0"	.50"	
	1/4NPT	1/4NPT	—	U152B	1.12"	.688"	
	1/4NPT	1/4NPT	U1104B	—	1.34"	.69"	
	3/8NPT	3/8NPT	U1104C	—	1.75"	.88"	
	1/2NPT	1/2NPT	—	B8930-1	1.97"	1.67"	
	1/2NPT	1/2NPT	32582-1	—	1.97"	1.23"	
	1/8BSPT	1/8BSPT	—	19832	.81"	.50"	
	M6X1	M6X1	—	AR108	14MM	8MM	
	M8X1	M8X1	—	B8516-4	19MM	11MM	

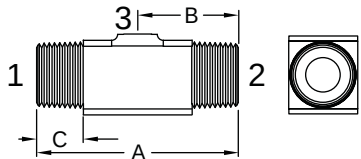
* CHROME **NICKEL

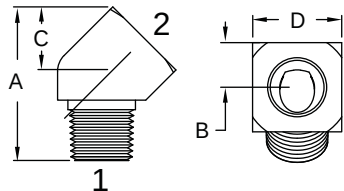
	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male(2)	Female(1)	Steel	Brass	A	B	
90 Degree Adapter 	10-32	1/8NPT	B7653	—	.81"	.50"	
	1/4-28	1/8NPT	27718	—	.81"	.50"	
	1/4-28	1/8NPT	A8440	—	1.0"	.78"	
	1/4-28	1/8NPT	50-4**	—	.81"	.50"	
	1/4-32	1/8NPT	B3741	—	.81"	.50"	
	5/16-32	1/8NPT	B5717	—	.81"	.50"	
	1/8NPT	1/4NPT	U1105A	—	1.18"	.68"	
	1/8NPT	1/4NPT		33224C	1.40"	.82"	
	1/4NPT	3/8NPT	37009	—	1.7"	1.10"	
	1/8BSPT	1/8NPT		19833	.81"	.50"	
	M6X1*	1/8NPT	—	B8516-1	20MM	.472"	
	M8X1	1/8NPT	—	AR1682	20.7MM	12.7MM	
	M8X1.25*	1/8NPT	—	B8516-2	21MM	.50"	
	M10X1.5*	1/8NPT	—	B8516-3	21MM	.50"	

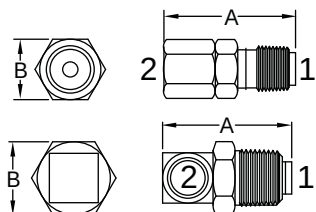
*TAPERED **NICKEL

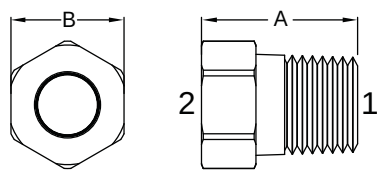
	THREADS			BDI PART #		DIMENSIONS		DRAWING
	Male(1)	Female(2)	Female(3)	Steel	Brass	A	B	
Tee Connectors Male Branch Tee 	1/8NPT	1/8NPT	1/8NPT	—	B4390	.50"	.687"	
	1/4NPT	1/4NPT	1/4NPT	37270	B10101	1.73"	1.1"	

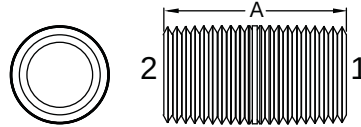
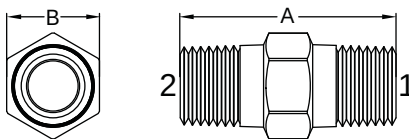
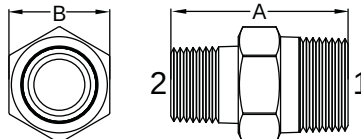
	THREADS			BDI PART #		DIMENSIONS		DRAWING
	Male(1)	Female(2)	Female(3)	Steel	Brass	A	B	
Tee Connectors Male Run Tee 	1/8NPT	1/8NPT	1/8NPT	—	15922	.78"	.55"	
	1/8NPT	1/8NPT	1/8NPT	26978	—	.78"	.66"	
	1/8NPT	1/8NPT	1/8NPT	—	U156A	.656"	.562"	
	1/4NPT	1/4NPT	1/4NPT	19283	—	.78"	.66"	
	1/4NPT	1/4NPT	1/4NPT	—	U156B	.906"	.781"	
	3/8NPT	3/8NPT	3/8NPT	26978-2	—	1.22"	1.02"	

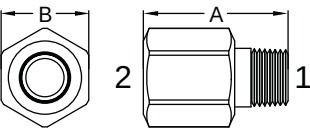
	THREADS			BDI PART #		DIMENSIONS			DRAWING
	Male(1)	Male(2)	Female(3)	Steel	Brass	A	B	C	
Female Branch Tee Connector 	1/8NPT	1/8NPT	1/8NPT	B3807	—	1.125"	.56"	.31"	

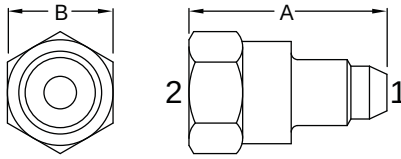
		THREADS		BDI PART #		DIMENSIONS					DRAWING
	Male(1)	Female(2)	Steel	Brass	A	B	C	D	DEGREE		
30, 40 & 60 Deg Elbow Connectors	1/4-28	1/8NPT	20-6	—	.812"	.25"	.28"	.50"	45 DEG		
	1/4-28	1/8NPT	50-6*	—	.812"	.25"	.28"	.50"	45 DEG		
	1/8NPT	1/8NPT	—	B3133C	.83"	.25"	.25"	.50"	45 DEG		
	1/8NPT	1/8NPT	—	B2783	.93"	.25"	.25"	.50"	45 DEG		
	1/8NPT	1/8NPT	—	B2686	.81"	.25"	.25"	.50"	60 DEG		
	1/8NPT	1/8NPT	—	B2778	.93"	.25"	.25"	.50"	60 DEG		
	1/8NPT	1/8NPT	U1103A	—	1.0"	.25"	.25"	.50"	45 DEG		
	1/4NPT	1/4NPT	U1103B	—	1.34"	.34"	.22"	.69"	45 DEG		

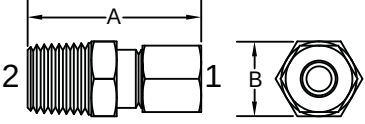
	THREADS		BDI PART #		DIMENSIONS				DRAWINGS	
	Male(1)	Female(2)	Steel	Brass	PSI	NOTES	A	B		
Swivel Fittings 	1/8NPT	1/8NPT	B5776	—	20	ELBOW SWIVEL	1.312"	.50"		
	1/8NPT	1/8NPT	B6666	—	20	STRAIGHT SWIVEL	1.312"	.50"		
	1/8NPT	1/8NPT	—	U9975	1000	ELBOW SWIVEL	2.34"	.562"		
	1/8NPT	1/8NPT	—	22633	20	ELBOW SWIVEL(B5776C)	39MM	.50"		
	1/4NPT	1/8NPT	B3010	—	20	ELBOW SWIVEL	1.312"	.625"		
	1/4NPT	1/4NPT	—	U9976	1000	ELBOW SWIVEL	2.34"	.562"		
	3/8NPT	1/8NPT	B3964	—	70	ELBOW SWIVEL	2.0"	.75"		

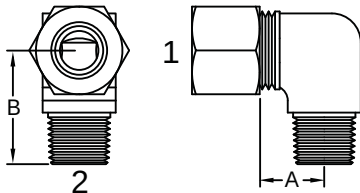
	THREADS		BDI PART #			DIMENSIONS		DRAWING
	Male(1)	Female(2)	Steel	Brass	Stainless	A	B	
Reducing Bushing 	1/8NPT	1/4NPT	—	B9686	—	1.06"	.75"	
	1/4NPT	1/8NPT	—	B6131	—	.625"	.562"	
	1/4NPT	1/8NPT	U104B1	—	—	.625"	.625"	
	1/4NPT	1/8NPT	50-2*	—	—	.72"	.562"	
	3/8NPT	1/8NPT	—	B9955	—	.687"	.687"	
	3/8NPT	1/4NPT	—	B9956	—	.687"	.687"	
	3/8NPT	1/8NPT	U104C1	—	—	.656"	.687"	
	3/8NPT	1/4NPT	U104C2	—	—	.656"	.687"	
	1/2NPT	1/8NPT	—	B9904	—	.812"	.812"	
	1/2NPT	1/4NPT	—	B9953	—	.812"	.812"	
	1/2NPT	1/4NPT	—	—	FIT13682A54	1.08"	.875"	
	1/2NPT	1/8NPT	U104D1	—	—	.75"	.875"	
	1/2NPT	1/4NPT	U104D2	—	—	.75"	.875"	
	1/2NPT	3/8NPT	U104D3	—	—	.75"	.875"	
	2NPT	1/2NPT	FIT13682A63	—	—	1.75	2.5"	
	1/4BSPP	1/8BSPT	—	17959	—	.625"	14MM	
	1/4BSPP	1/8NPT	—	17966	—	.625"	14MM	
	1BSPP	1/4NPT	B10485	—	—	1.03"	1.625"	
								* NICKEL

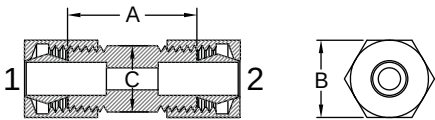
	THREADS		BDI PART #			DIMENSIONS			DRAWINGS
	Male(1)	Male(2)	Steel	Brass	Stainless	A	B	TYPE	
Nipples   	5/16-24	5/16-24	—	20124*	—	1.156"	.375"	2	TYPE 1 CLOSE NIPPLE  TYPE 2 HEX NIPPLE  TYPE 3 HEX REDUCING NIPPLE 
	1/8NPT	1/8NPT	—	A4019	—	.828"	.375"	2	
	1/8NPT	1/8NPT	—	—	21466	2.50"	-	1	
	1/8NPT	1/8NPT	—	—	35639	1.01"	.437"	2	
	1/8NPT	1/4-28	27715	—	—	1.21"	.437"	3	
	1/8NPT	5/16-24	—	B4317	—	.875"	.375"	3	
	1/4NPT	1/4NPT	32485-2	B8927-1	—	1.375"	.562"	2	
	1/4NPT	1/4NPT	—	U15122	—	1.375"	.562"	2	
	1/4NPT	1/4NPT	—	7108415	—	.875"	-	1	
	1/4NPT	1/8NPT	—	B9593	—	1.19"	.562"	3	
	1/4NPT	1/8NPT	—	22675	—	33MM	16MM	3	
	1/4NPT	1/8NPT	—	U15121	—	1.18"	.562"	3	
	3/8NPT	3/8NPT	32485-1	—	—	1.41"	.687"	2	
	3/8NPT	3/8NPT	—	—	35665	1.0"	-	1	
	3/8NPT	3/8NPT	FIT13682A12	—	—	1.5"	.687"	2	
	3/8NPT	3/8NPT	FIT13682A13	—	—	2.0"	.687"	2	
	3/8NPT	1/4NPT	—	U15132	—	1.40"	.562"	3	
	1/2NPT	1/2NPT	FIT13682A5	—	—	2.0"	.875"	2	
	M8X1	M8X1	—	34957C	—	13MM	-	1	
	M8X1	M8X1	—	15822*	—	.828"	10MM	2	
	M10X1	M10X1	—	34958C	—	15MM	-	1	
	M12X1	M12X1	—	34959C	—	17MM	-	1	
									* JUNCTION BAR CONNECTOR

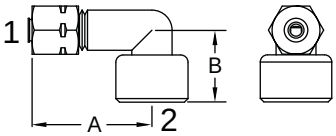
	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male(1)	Female(2)	Steel	Brass	A	B	
Straight Adapter 	10-32	1/8NPT	—	32667	.70"	.437"	
	1/4-28	1/8NPT	B4311	—	3/4"	.50"	
	1/4-28	1/8NPT	27717	—	7/8"	.50"	
	1/4-28	1/8NPT	20-1	—	.875"	.50"	
	1/4-28	1/8NPT	50-1**	—	.875"	.50"	
	1/4-28	1/4NPT	202-2A	—	.105"	.625"	
	1/8NPT	M10X1	B10535	—	1"	.625"	
	1/8NPT	1/8BSPP	—	26718	17.65MM	14MM	
	1/8NPT	1/4NPT	U1106A	—	1.19"	.62"	
	1/8NPT	1/4NPT	—	B9686	1.06"	.75"	
	1/8NPT	1/4NPT	202-2	—	1.05"	.625"	
	1/8NPT	1/4NPT	502-2*	—	1.05"	.625"	
	1/4NPT	3/8NPT	U1106B	—	1.44"	.88"	
	1/4NPT	1/8BSPT	—	19583	.75"	.562"	
	3/8NPT	1/2NPT	U1106C	—	1.62"	1.0"	
	1/8BSPP	1/8NPT	B10279-3	—	7/8"	.562"	
	1/4BSPP	1/4NPT	B10279-4	—	1-3/16"	.75"	
	1/4BSPP	1/8NPT	B10279-7C	—	1"	.75"	
	1/8BSPT	M10X1	—	17020	1"	14MM	
	1/8BSPT	1/8NPT	—	35673	21MM	14MM	
	1/4BSPT	1/8BSPT	73490-2123	—	28MM	19MM	
	1/4BSPT	1/4NPT	—	35673-1	28.5MM	17MM	
	1/4BSPT	3/8BSPT	73490-2143	—			
	3/8BSPP	3/8NPT	B10279-5	—	1-1/4"	.875"	
	3/8BSPT	3/8NPT	—	35673-2	29.5MM	22MM	
	M5	1/8NPT	—	35622	.575"	14MM	
	M6X1*	1/8NPT	—	AR101	20MM	13MM	
	M8X1	1/8NPT	—	AR215	20MM	13MM	
	M8X1	1/8BSPT	—	17194	13/16"	14MM	
	M8X1.25*	1/8NPT	—	AR102	19MM	13MM	
	M10X1	1/8NPT	B10279-1C	—	7/8"	.562"	
	M10X1.5*	1/8NPT	—	AR103	19MM	13MM	
	M12X1	1/8NPT	B10279-2C	—	7/8"	.625"	
	M22X1.5	M20X1.5	56871	—	34MM	24MM	
							* TAPERED ** NICKEL

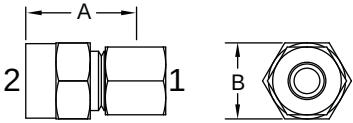
	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male(1)	Female(2)	Steel	Brass	A	B	
Straight Adapter Special 	5/16-24	1/8NPT	36054	B6056	15/16"	.50"	

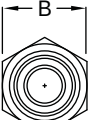
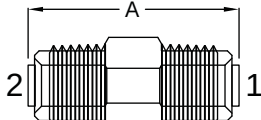
	TUBE / THREADS		BDI PART #			DIMENSIONS			DRAWING
	Tube OD(1)	Male(2)	Steel	Brass	Stainless	Notes	A	B	
Straight Tubing Adapter Assembly 	1/8	1/8NPT	—	27594-1	35655-1		.97"	.437"	
	1/8	1/4-28	—	27727	35722		.82"	.375"	
	1/8	1/8NPT	—	27726	—		.82"	.437"	
	5/32	1/8NPT	—	B3297	—		.875"	.375"	
	5/32	1/8NPT	32995	—	—		28MM	11MM	
	3/16	1/8BSPT	B10407	—	—		1.0"	.437"	
	3/16	1/8NPT	—	35435	—	CAPTIVE SLEEVE	1.07"	.437"	
	3/16	1/8NPT	—	B10285	—		1.08"	.437"	
	3/16	1/8NPT	U83A1	U83A1B	—		1.06"	.50"	
	3/16	1/4NPT	U83A2	—	—		.968"	.562"	
	1/4	1/4BSPT	20806	—	—		1.75"	.562"	
	1/4	M10X1	B10176-1	—	—		1.50"	.562"	
	1/4	M12X1	B10176-2	—	—		1.50"	.625"	
	1/4	1/8BSPP	B10176-3	—	—		1.50"	.562"	
	1/4	1/4BSPP	B10176-4C	—	—		1.625"	.75"	
	1/4	1/8NPT	B10090-1	B6534	32420-2		1.10"	.437"	
	1/4	1/4NPT	B10090-2	B6533	32420-1		1.30"	.562"	
	1/4	1/8NPT	—	B10224-3	—		1.0"	.437"	
	1/4	1/8BSPT	—	15578	—		1.10"	.437"	
	1/4	1/8NPT	U83B1	U83B1B	—		1.125"	.50"	
	1/4	1/4NPT	U83B2	U83B2B	—		1.125"	.625"	
	1/4	3/8NPT	U83B3	—	—		1.125"	.75"	
	5/16	1/8NPT	—	35532	—	CAPTIVE SLEEVE	1.13"	.562"	
	5/16	1/4NPT	—	35533	—	CAPTIVE SLEEVE	1.35"	.562"	
	5/16	1/4BSPP	B10176-5	—	—		1.75"	.75"	
	5/16	1/8NPT	B10090-3	—	—		1.10"	.562"	
	5/16	1/4NPT	B10090-4	—	—		1.30"	.625"	
	3/8	1/8NPT	—	35436	—	CAPTIVE SLEEVE	1.19"	.625"	
	3/8	1/4NPT	—	35437	—	CAPTIVE SLEEVE	1.36"	.625"	
	3/8	1/4NPT	—	B6514	—		1.42"	.562"	
	3/8	1/4BSPP	B10176-6	—	—		1.75"	.75"	
	3/8	1/8NPT	U83D1	U83D1B	—		1.75"	.75"	
	3/8	1/4NPT	U83D2	U83D2B	—		1.75"	.75"	
	3/8	3/8NPT	U83D3	U83D3B	—		1.562"	.75"	
	1/2	1/4NPT	—	U73EM2	—		1.8"	.866"	
	1/2	3/8NPT	—	U73EM3	—		1.8"	.866"	
	1/2	1/2NPT	—	U73EM4	—		2.14"	1.01"	
	1/2	1/4NPT	U53EM2	—	—		1.10"	.812"	
	1/2	3/8NPT	U53EM3	—	—		1.10"	.812"	
	1/2	1/2NPT	U53EM4	—	—		1.30"	.875"	
	4MM	1/8BSPP	73442-1114	—	—	LL TAPERED	28MM	10MM	
	4MM	1/8BSPT	AR974	—	—		25MM	10MM	
	6MM	1/8NPT	24361-1	—	—		28MM	11MM	
	6MM	M10X1	73442-1244	—	—	L	31MM	14MM	
	6MM	1/8BSPP	73442-1214	—	—	L	31MM	14MM	
	6MM	1/4BSPP	34989	—	—	S	40MM	19MM	
	6MM	M10X1	AR426	—	—	L	33MM	14MM	
	6MM	M12X1	FB1098	—	—	BA	46.5MM	17MM	
	6MM	M8X1	53669T	—	—		36.5MM	11MM	
	6MM	1/4-28	53669-1T	—	—		36.5MM	11MM	
	6MM	1/4BSPP	AR397	—	—	L	33.5MM	14MM	
	6MM	1/8NPT	AR138	—	—		25MM	11MM	
	6MM	1/8BSPT	—	35196	—		27MM	11MM	
	8MM	M10X1	AR1028	—	—	L	34MM	17MM	
	8MM	M12X1	AR5004	—	—	For ZEM35	32.5MM	17MM	
	8MM	M12X1	AR1027C	—	—	Do not use on ZEM inlet.	35MM	17MM	
	8MM	M14X1.5	AR1280	—	—	S	40MM	19MM	
	8MM	1/4BSPP	AR384	—	—	L	35MM	17MM	
	8MM	M10X1	73442-1344	—	—	L	28MM	12MM	
	10MM	1/4NPT	36183	—	—		39MM	19MM	
	10MM	1/8BSPP	AR898	—	—	L	35.5MM	17MM	
	10MM	M14X1.5	AR1417	—	—		36MM	19MM	
	10MM	1/4BSPP	AR385	—	—		36MM	19MM	
	10MM	M16X1.5	AR906	—	—		40MM	22MM	
	10MM	1/4BSPT	—	35197	—		33MM	14MM	

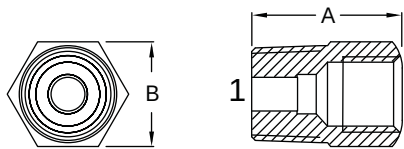
	TUBE / THREADS		BDI PART #			DIMENSIONS			DRAWING
	Tube OD(1)	Male(2)	Steel	Brass	Stainless	Notes	A	B	
90 Degree Tubing Adapter Assembly 	1/8	1/8NPT	—	—	35655-2		.656"	.75"	
	1/8	1/4-28	—	27728	—		.50"	.515"	
	1/8	1/8NPT	—	27725	—		.50"	.656"	
	5/32	1/8NPT	—	B3298	—		.812"	.875"	
	3/16	1/8NPT	—	B10286	—		.625"	.687"	
	3/16	1/8NPT	—	35438	—	CAPTIVE SLEEVE	.61"	.69"	
	3/16	1/8NPT	U87A1	U87A1B	—		.75"	.875"	
	3/16	1/4NPT	U87A2	U87A2B	—		.875"	.875"	
	1/4	1/8NPT	—	B6536	—		.687"	.812"	
	1/4	1/4NPT	—	B6535	—		.687"	.812"	
	1/4	1/8NPT	—	B10390-1	—		.62"	.75"	
	1/4	1/4NPT	B10092-1	—	—		1.03"	1.09"	
	1/4	1/8NPT	B10092-2	—	—		.89"	.78"	
	1/4	1/8NPT	U87B1	U87B1B	—		.875"	.875"	
	1/4	1/4NPT	U87B2	U87B2B	—		.875"	.875"	
	1/4	3/8NPT	U87B3	—	—		1.00"	.968"	
	5/16	1/8NPT	—	35534	—	CAPTIVE SLEEVE	.61"	.74"	
	5/16	1/4NPT	—	35535	—	CAPTIVE SLEEVE	.71"	.93"	
	5/16	1/4NPT	B10092-3	—	—		1.03"	1.09"	
	3/8	1/4NPT	—	B6519	—		.812"	.875"	
	3/8	1/8NPT	—	35439	—	CAPTIVE SLEEVE	.74"	.74"	
	3/8	1/4NPT	—	35440	—	CAPTIVE SLEEVE	.74"	.93"	
	3/8	1/4NPT	—	B10287-1	—	45 DEG	.55"	.80"	
	3/8	1/8NPT	U87D1	U87D1B	—		1.25"	.968"	
	3/8	1/4NPT	U87D2	U87D2B	—		1.25"	.968"	
	3/8	3/8NPT	U87D3	U87D3B	—		1.25"	.968"	
	1/2	3/8NPT	U57EM3	—	—		.50"	1.25"	
	4MM	1/8BSPT	AR975	—	—		9.5MM	12MM	
	6MM	M10X1	AR904	—	—		9.5MM	12MM	
	6MM	1/4BSPT	AR961	—	—		16MM	18MM	
	6MM	M8X1	53670T	—	—		15.5MM	19.6MM	
	6MM	1/4-28	53670-1T	—	—		15.5MM	19.6MM	
	6MM	1/8BSPT	AR156	—	—		9.5MM	12MM	
	6MM	1/4BSPP	27896	—	—		26.9MM	32MM	
	8MM	M10X1	AR617	—	—	SWIVEL TAPERED	11.5MM	15MM	
	8MM	1/4BSPT	AR794	—	—		14MM	18MM	
	10MM	1/4BSPT	AR157	—	—		15MM	19MM	

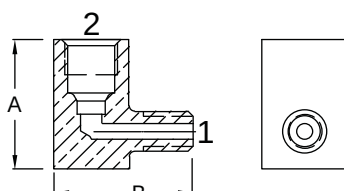
	TUBE		BDI PART #		DIMENSIONS				DRAWING
	Tube(1)	Tube(2)	Steel	Brass	INFO	A	B	C	
Straight Tubing Coupling Assembly 	5/32	5/32	—	B5163	METAL	1.0"	.375"	.375"	
	5/32	5/32	—	20657	NYLON	1.0"	.375"	.375"	
	3/16	3/16		35441	CAPTIVE SLEEVE	.72"	.562"	.437"	
	3/16	3/16	U84A	U84AB		1.0"	.437"	.50"	
	1/4	1/4	B10094-1			1.17"	.562"	.50"	
	1/4	1/4	B10502-1		BULKHEAD	1.13"	.687"	.687"	
	1/4	1/4	U84B	U84BB		1.06"	.437"	.562"	
	5/16	5/16		35536	CAPTIVE SLEEVE	.85"	.437"	.50"	
	3/8	3/8		35442	CAPTIVE SLEEVE	.97"	.625"	.562"	
	3/8	3/8	U84D	U84DB		1.50"	.687"	.812"	
	1/2	1/2		U74EE		1.09"	.75"	.866"	
	4MM	4MM	AR993		VERY LIGHT LL	12MM	10MM	9MM	
	6MM	6MM	AR825		BULKHEAD LIGHT L	34MM	14MM	14MM	
	8MM	8MM	AR184		LIGHT L	11MM	17MM	14MM	

	TUBE / THREADS		BDI PART #		DIMENSIONS			DRAWING
	Tube OD(1)	Female(2)	Steel	Brass	INFO	A	B	
90 Degree Tubing Adapter Assembly 	3/16	1/8NPT	—	35445	CAPTIVE SLEEVE	.98"	.56"	

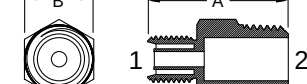
	TUBE / THREADS		BDI PART #		DIMENSIONS		DRAWING
	Tube OD(1)	Female(2)	Steel	Brass	A	B	
Straight Tubing Adapter Assembly 	1/4	1/8NPT	—	B8026	.875"	.50"	

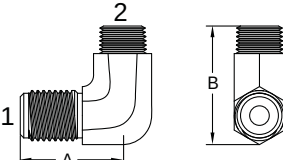
	THREADS / TUBE				BDI PART #		DIMENSIONS		DRAWING	
	Male for Tube OD (1)		Male for Tube OD (2)		Steel	Brass	A	B		
	Tube OD	Thread	Thread	Tube OD						
Straight Tubing Adapter Body 	5/32	5/16-24	5/16-24	5/32	—	B2306	1.0"	.375"		

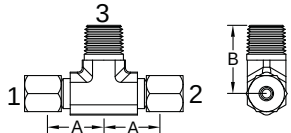
	THREADS / TUBE			BDI PART #		DIMENSIONS		DRAWING	
	Male (1)	Female for Tube OD (2)		Steel	Brass	A	B		
		Thread	Tube OD						
	1/4-28	5/16-24	3/32	B4316**	—	3/4"	.375"		
	1/4-28	5/16-24	4MM-5/32	B4312**	—	3/4"	.375"		
	1/4-28	5/16-24	4MM-5/32	—	B2626	1"	.375"		
	1/8NPT	5/16-24	3/32	—	B3430	5/8"	.437"		
	1/8NPT	5/16-24	4MM-5/32	—	A2835	5/8"	.437"		
	1/8NPT	5/16-24	4MM-5/32	—	B1525	3/4"	.437"		
	1/8NPT	5/16-24	4MM-5/32	—	B10017	1-1/4"	.50"		
	1/8NPT	5/16-24	4MM-5/32	—	B1531	1-1/2"	.437"		
	1/8NPT	5/16-24	4MM-5/32	—	B7768**	1-1/2"	.437"		
	1/8NPT	M10X1	6MM	—	26686	18.92MM	14MM		
	1/8NPT	M8X1	4MM-5/32	—	19172	0.63"	11MM		
	1/8NPT	5/16-24	4MM-5/32	—	B3488	.687"	.437"		
	1/8BSPP	M8X1	4MM-5/32	—	20326	.798"	.50"		
	1/8BSPT	M8X1	4MM-5/32	—	15352	.63"	11MM		
	1/8BSPT	5/16-24	4MM-5/32	—	B8884	5/8"	.437"		
	1/8BSPT	3/8-24	3/16	B9931	—	3/4"L	.437"		
	1/8BSPT	M8X1	4MM-5/32	—	15318	0.63"	11MM		
	M6X.75	5/16-24	4MM-5/32	—	24226	20MM	11MM		
	M6X1	M8X1	4MM-5/32	—	19453	0.815"	11MM		
	M6X1*	5/16-24	4MM-5/32	—	B10323-1	17MM	.394"		
	M8X1*	5/16-24	4MM-5/32	—	B10323-3	16MM	.433"		
	M10X1	5/16-24	4MM-5/32	—	B10826	7/8"	.562"		
	M10X1	M8X1	4MM-5/32	—	AR1113	16MM	11MM		
	M12X1	M10X1	6MM	34987	—	20MM	17MM	* TAPERED	**ZINC

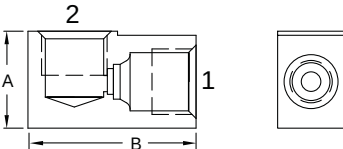
	THREADS / TUBE			BDI PART #		DIMENSIONS		DRAWING	
	Male (1)	Female for Tube OD (2)		Steel	Brass	A	B		
		Thread	Tube OD						
 90 Degree Elbow Adapter Body	1/4-28	5/16-24	5/32-4MM	—	19285	.625"	.88"		
	5/16-24	5/16-24	5/32-4MM	—	20131	20MM	.88"		
	1/8NPT	5/16-24	3/32	—	B3431	.562"	.81"		
	1/8NPT	5/16-24	5/32-4MM	—	A3080	.562"	.81"		
	1/8NPT	M10X1	6MM	—	26716	16MM	21.4MM		
	1/8BSPT	5/16-24	5/32-4MM	—	B8883	.562"	.81"		
	1/8BSPT	M8X1	5/32-4MM	—	15320-1	.48"	1.0"		
	M6X.75	M8X1	5/32-4MM	—	20350	.75"	.81"		
	M6X1	M8X1	5/32-4MM	—	19454	.75"	.81"		
	M6X1	5/16-24	5/32-4MM	—	21238	20MM	22.4MM		
	M6X1	M8X1	5/32-4MM	—	24528	20MM	22.4MM		
	M8X1	M8X1	5/32-4MM	—	26810	19.1MM	20MM		

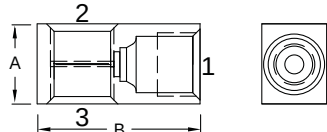
	THREADS / TUBE				BDI PART #		DIMENSIONS		DRAWING	
	Female for Tube OD (1)		Female for Tube OD (2)		Steel	Brass	A	B		
	Tube OD	Thread	Thread	Tube OD						
Straight Tubing Coupling Body 	5/32	5/16-24	5/16-24	5/32	—	A2899	.94"	.375"		
	54MM	M8X1	M8X1	4MM	—	19450	.94"	.39"		

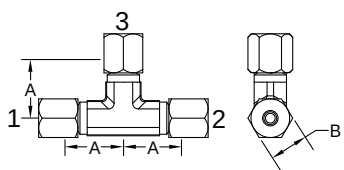
	THREADS / TUBE			BDI PART #		DIMENSIONS		DRAWING	
	Male for Tube OD (1)		Male (2)	Steel	Brass	A	B		
	Thread	Tube OD							
Straight Tubing Adapter Body 	1/4-28	3/32	1/4-28	—	B4452	.594"	.312"		
	5/16-24	5/32	5/16-24	—	B3794	1.2"	.375"		
	5/16-24	5/32	7/16-24	—	B6238	.75"	.437"		
	1/8NPT	5/32	5/16-24	—	B2253	.90"	.375"		
	1/8NPT	1/4	7/16-24	—	B6086	.86"	.437"		
	1/2-24	5/16	1/8NPT	—	B150	.81"	.50"		
	1/2-24	5/16	1/4NPT	—	B151	1.09"	.562"		
	1/4NPT	1/4	7/16-24	—	B7903	1.3"	.562"		
	1/4BSPT	1/4	7/16-20	19205	—	1.2"	.562"		
	M10X1	1/4	7/16-24	—	B10790	.87"	.562"		

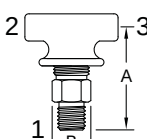
	THREADS / TUBE			BDI PART #		DIMENSIONS		DRAWING	
	Male (2)	Male for Tube OD (1)		Steel	Brass	A	B		
		Thread	Tube OD						
90 Degree Tubing Adapter Body 	1/8NPT	3/8-24	3/16	B7747	—	.62"	.69"		
	1/8NPT	7/16-24	1/4	—	B7743	.75"	.80"		
	1/4NPT	7/16-24	1/4	—	B9852	.62"	.75"		

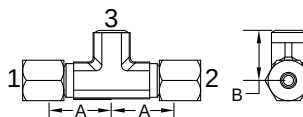
TUBE / THREADS				BDI PART #		DIMENSIONS		DRAWING
	Tube(1)	Tube(2)	Male(3)	Steel	Brass	A	B	
Male Branch Tee Tubing Assembly 	1/4	1/4	1/4NPT	15209-3	—	1.03"	1.09"	
	3/8	3/8	1/8NPT	—	35443	.75"	.75"	

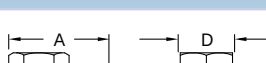
	THREADS / TUBE			BDI PART #		DIMENSIONS		DRAWING
	Female (2)	Female for Tube OD (1)		Steel	Brass	A	B	
		Thread	Tube OD					
90 Degree Elbow Tubing Adapter	1/8NPT	5/16-24	5/32	—	B3921	.50"	.90"	
								

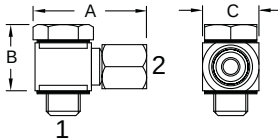
	THREADS / TUBE				BDI PART #		DIMENSIONS		DRAWING	
	Female (2)	Female (3)	Female for Tube OD (1)		Steel	Brass	A	B		
			Thread	Tube OD						
Female Tee Tubing Adapter 	1/8NPT	1/8NPT	5/16-24	5/32	—	A4042	.50"	.90"		

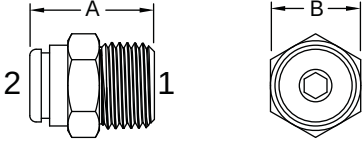
	TUBE			BDI PART #		DIMENSIONS			DRAWING
	Tube(1)	Tube(2)	Tube(3)	Steel	Brass	NOTES	A	B	
Tee Tubing Adapter Assembly 	5/32-4MM	5/32-4MM	5/32-4MM	B10093-7	—		.60"	10MM	
	1/4	1/4	1/4	—	B8109		.625"	.50"	
	5/16	5/16	5/16	—	35537	CAPTIVE SLEEVE	.74"	.562"	
	3/8	3/8	3/8	—	35444	CAPTIVE SLEEVE	.74"	.625"	
	1/2	1/2	1/2	B10093-4	U70EEE		.843"	.625"	
	6MM	6MM	6MM	35004	—		12MM	14MM	
	8MM	8MM	8MM	AR180	—		29MM	17MM	

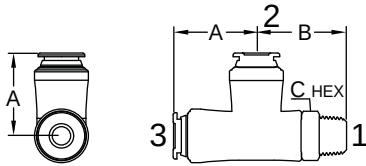
	THREADS / TUBE					BDI PART #		DIMENSIONS		DRAWING
	Female for Tube OD (2)		Female for Tube OD (3)		Male (1)	Steel	Brass	A	B	
	Thread	Tube OD	Thread	Tube OD						
Tee Tubing Adapter	5/16-24	5/32	5/16-24	5/32	5/16-24	—	20632	1.156"	.375"	
										

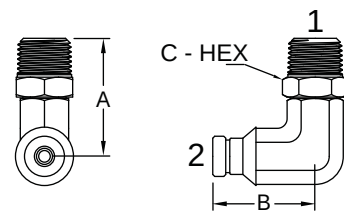
	TUBE / THREADS			BDI PART #		DIMENSIONS		DRAWING
	Tube(1)	Tube(2)	Female(3)	Steel	Brass	A	B	
Female Branch Tee Tubing Assembly 	1/4	1/4	1/8NPT	B10091-1	—	.89"	.66"	

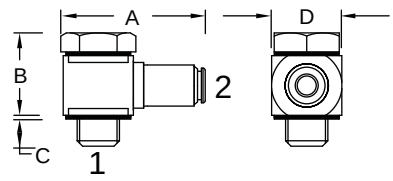
	THREADS / TUBE			BDI PART #		DIMENSIONS					DRAWING				
	Male (1)	Female for Tube OD (2)		Steel	Brass	A	B	C	D						
		Thread	Tube OD												
Banjo Tubing Adapter Body 	5/16-24	5/16-24	4MM 5/32	—	20156	22.6MM	15.2MM	5MM	13MM						
	M6X1	5/16-24	4MM 5/32	—	24656	22.5MM	15MM	7.5MM	12MM						
	M8X1	M8X1	4MM 5/32	—	19776	22.5MM	13.5MM	6MM	13MM						

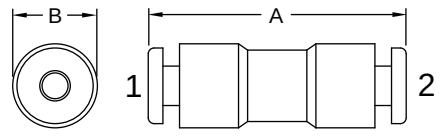
	THREADS / TUBE		BDI PART #		DIMENSIONS			DRAWING
	Tube OD (2)	Male (1)	Steel	Brass	A	B	C	
Banjo Tubing Adapter Assembly 	4MM	1/8BSPP	73442-7113	—	28MM	21MM	14MM	
	6MM	M10X1	34992	—	24MM	18MM	14MM	
	6MM	M12X1	34994	—	33MM	23.5MM	17MM	
	6MM	1/4BSPP	34997	—	33MM	25MM	17MM	
	6MM	M10X1	AR1021	—	36MM	25.5MM	18MM	
	6MM	1/4BSPP	AR1032	—	42MM	30MM	22MM	
	8MM	M10X1	AR1029	—	32MM	22MM	14MM	
	8MM	M12X1	AR1023	—	36.5MM	25MM	17MM	
	8MM	M14X1.5	AR1033	—	42MM	30.5MM	22MM	
	8MM	1/4BSPP	AR982	—	40MM	30MM	22MM	
	10MM	M16X1.5	AR137	—	43MM	32MM	22MM	
	10MM	M14X1.5	AR553	—	41MM	30.5MM	22MM	
	10MM	1/4BSPP	AR983	—	41MM	30.5MM	22MM	

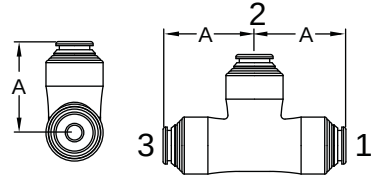
	QC TUBE / THREADS		BDI PART #		DIMENSIONS		DRAWING
	Tube OD (2)	Male (1)	Brass	Ni-Brass	A	B	
Straight Quick Connect Tubing Adapter Assembly 	1/8	1/8NPT	—	20101-9	14.5MM	11MM	
	5/32-4MM	5/16-24	AR5005	—	23.9MM	11MM	
	5/32-4MM	1/8NPT	—	20101-1	16.5MM	11MM	
	5/32-4MM	10-32	—	27393	17.5MM	.34"RND	
	5/32-4MM	1/8BSPT	—	35261	16.5MM	10MM	
	5/32-4MM	1/4BSPT	—	35262	16.5MM	14MM	
	5/32-4MM	M8X1	—	AR2011	19.4MM	12MM	
	5/32-4MM	M6X1	—	AR1849	26MM	14MM	
	3/16	1/8NPT	—	20101-10	23.5MM	.437"	
	1/4	1/8NPT	—	20101-4	19.4MM	11MM	
	1/4	1/4NPT	—	20101-5	20.4MM	14MM	
	1/4	1/8BSPT	—	20101-7	18.4MM	11MM	
	1/4	1/4BSPT	—	20101-8	18.8MM	14MM	
	5/16	1/8NPT	—	20101-2	27.3MM	13MM	
	5/16	1/4NPT	—	32180	27.8MM	14MM	
	4MM	M10X1	—	AR2003	24MM	14MM	
	6MM	1/8NPT	—	20101-6	20.2MM	11MM	
	6MM	M10X1	—	AR1995	28MM	14MM	
	6MM	M8X1	—	AR2051	19.3MM	11MM	
	6MM	M12X1	—	AR2052	23MM	16MM	
	6MM	1/8BSPT	—	21459-2	18.5MM	11MM	
	6MM	1/4BSPP	—	AR1983	26MM	16MM	
	6MM	M6X1	—	AR2050			
	8MM	M10X1	—	AR2158	27.6MM	14MM	
	8MM	M12X1	—	AR2019			
	8MM	1/8BSPT	—	32178	26.3MM	13MM	
	8MM	1/8BSPP	—	AR1997	27.4MM	14MM	
	8MM	1/4BSPP	—	AR2013	27.4MM	16MM	
	10MM	1/4BSPP	—	AR1725	35.4MM	17MM	
	12MM	M12X1	—	AR2058			
	12MM	1/4BSPP	—	AR2043	36MM	20MM	
							290 psi / 20 bar max

	QC TUBE / THREADS			BDI PART #		DIMENSIONS			DRAWING
	Tube OD (2)	Tube OD (3)	Male (1)	Steel	Ni-Brass	A	B	C	
Tee Male Branch Quick Connect Coupling Assembly 	5/16	5/16	1/4NPT	-	328071	.84"	1.46"	.562"	
									290 psi / 20 bar max

	QC TUBE / THREADS		BDI PART #		DIMENSIONS			DRAWING
	Tube OD (2)	Male (1)	Steel	Ni-Brass	A	B	C	
90 Degree Quick Connect Tubing Adapter Assembly 	1/8	1/8NPT	—	32394-1	.68"	.78"	-	
	5/32	1/8NPT	—	15920-1	22MM	18MM	.406"	
	1/4	1/8NPT	—	32712-1	.884"	.885"	.472"	
	1/4	1/4NPT	—	32712-2	.904"	.885"	.551"	
	5/16	1/8NPT	—	15920-2	24.5MM	23.5MM	.50"	
	5/16	1/4NPT	—	15920-4	28.5MM	23.5MM	.562"	
	4MM	M6X1	—	AR2120	17MM	17MM	10MM	
	4MM	M8X1	—	AR2121	18MM	17MM	11MM	
	6MM	1/8NPT	—	32179-1	18.9MM	16MM	10MM	
	6MM	M10X1	—	AR2113	30MM	19MM	14MM	
	6MM	M12X1	—	AR1988	30MM	20MM	16MM	
	6MM	M6X1	—	AR2111				
	6MM	M8X1	—	AR2112				
	6MM	1/4BSPP	—	AR2089	33MM	20MM	19MM	
	8MM	M10X1	—	AR2114	32MM	21MM	14MM	
	8MM	M12X1	—	AR2115	32MM	20MM	16MM	
	8MM	1/4BSPP	—	AR2091	35MM	22MM	19MM	
	8MM	1/8BSPT	—	32179	18.9MM	23MM	10MM	
	10MM	M12X1	—	AR2117	40MM	27.5MM	17MM	
	10MM	1/4BSPP	—	AR2093	39MM	28MM	19MM	
	12MM	M12X1	—	AR2118				
	12MM	1/4BSPP	—	AR2095	41MM	30MM	19MM	
								290 psi / 20 bar max

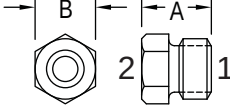
	QC TUBE		BDI PART #		DIMENSIONS				DRAWING
	Tube OD (2)	Male (1)	Steel	Ni-Brass	A	B	C	D	
90 Degree Quick Connect Tubing Banjo Assembly 	6MM	M10X1	—	AR2141	30MM	20MM	8MM	14MM	
	6MM	M12X1	—	AR2142					
	8MM	M10X1	—	AR2145					
	8MM	M12X1	—	AR2146					
	12MM	M12X1	—	AR2152					
									290 psi / 20 bar max

	QC TUBE		BDI PART #		DIMENSIONS		DRAWING
	Tube OD (1)	Tube OD (2)	Nylon	Ni-Brass	A	B	
Straight Quick Connect Coupling Assembly 	5/32	5/32	35526	—	.98"		
	1/4	1/4	34021-1	—	1.37"	.59"	
	4MM	4MM	—	AR2059	33MM	10MM	
	6MM	6MM	—	34966	36MM	12MM	
	6MM	6MM	—	AR2061	36MM	12MM	
	8MM	8MM	—	34967	38MM		
							290 psi / 20 bar max

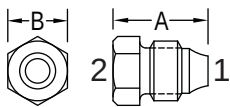
	QC TUBE			BDI PART #		DIMENSIONS	DRAWING
	Tube OD (1)	Tube OD (2)	Tube OD (3)	Steel	Ni-Brass	A	
Tee Quick Connect Coupling Assembly 	4MM	4MM	4MM	—	AR2132	18MM	
	6MM	6MM	6MM	—	AR2134	20MM	
	8MM	8MM	8MM	—	34822	22MM	
	10MM	10MM	10MM	—	34823	28MM	
	12MM	12MM	12MM	—	34824	30MM	
							290 psi / 20 bar max

TUBE / THREADS		BDI PART #			DIMENSIONS		DRAWINGS	
	Tube OD (2)	Male (1)	Steel	Brass	Stainless	A	B	TYPE
Male Compression Bushings 	3/32	5/16-24	—	B3373	—	.468"	.375"	1
	3/32	5/16-24	—	BB3373***	—	.468"	.375"	1
	1/8	5/16-24	—	24570	—	.468"	.375"	1
	1/8	5/16-24	27339	—	27339SS	.36"	.312"	1
	1/8	5/16-24	—	27337	—	.497"	.312"	2
	1/8	5/16-24	27340	—	27340SS	.50"	.312"	3
	5/32	5/16-24	—	B3783	—	.468"	.312"	1
	5/32	5/16-24	—	B1371	—	.468"	.375"	1
	5/32	5/16-24	—	BB1371***	—	.468"	.312"	1
	5/32	5/16-24	—	B3734*	—	.468"	.375"	1
	3/16	3/8-24	—	B1914	—	.531"	.375"	1
	3/16	1/8NPT	U81AA1	U81AA1B**	—	.843"	.437"	2
	1/4	7/16-24	—	B2519	—	.562"	.437"	1
	1/4	1/8NPT	U81B1	U81B1B**	—	.75"	.437"	2
	1/4	1/4NPT	U81B2	U81B2B**	—	.937"	.562"	2
	3/8	3/8NPT	U81D3	U81D3B**	—	1.0"	.687"	2
	4MM	M8X1	73511-5133	15326	—	12MM	8MM	1
	4MM	M8X1	—	15328C	—	11.9MM	10MM	1
	4MM	M8X1	—	34494***	—	10MM	14MM	1
	6MM	M10X1	34999	—	—	13MM	10MM	1
	6MM	M10X1	—	22545	—	13MM	11MM	1
	6MM	1/8BSPT	63422-2261	—	—	21MM	10MM	2
	6MM	1/8BSPT	—	63422-2241	—	21MM	10MM	2
	6MM	M10X1	63422-2231	—	—	21MM	10MM	2
	8MM	M12X1	73511-5163	—	—	14MM	12MM	1
	8MM	M14X1.5	35000	—	—	16MM	14MM	1
	10MM	3/8BSPT	63422-2211	—	—	33MM	17MM	2

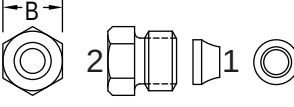
TYPE 1
WITH NO SLEEVE



TYPE 2
W/SLEEVE 1PC TYPE

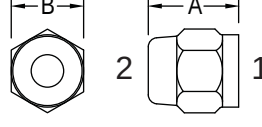


TYPE 3
W/SLEEVE 2PC TYPE

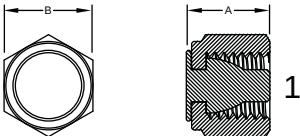


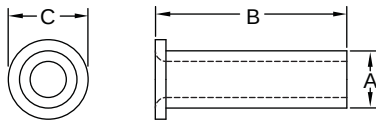
*CHROME **FOR NYLON
***BAG OF 25 PCS

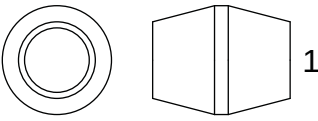
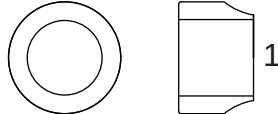
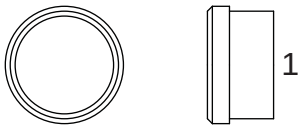
TUBE / THREADS		BDI PART #			DIMENSIONS		DRAWING	
	Tube OD (2)	Female (1)	Steel	Brass	Stainless	A	B	
Female Compression Nuts 	3/32	1/4-28	—	B3610	—	.406"	.312"	
	3/32	5/16-24	—	B3312	—	.468"	.375"	
	1/8	5/16-24	—	24448	—	.468"	.375"	
	5/32	5/16-24	—	B1095	—	.468"	.375"	
	5/32	5/16-24	—	B3733*	—	.516"	.375"	
	3/16	3/8-24	—	B1226	—	.468"	.437"	
	3/16	3/8-24	—	35433**	—	.38"	.437"	
	3/16	3/8-24	—	BB1226***	—	.468"	.437"	
	1/4	7/16-20	—	B10089-1	—	.70"	.56"	
	1/4	7/16-24	—	B6087	—	.437"	.50"	
	5/16	1/2-24	—	B146	—	.437"	.562"	
	5/16	1/2-24	—	35531**	—	.45"	.625"	
	3/8	9/16-18	—	B10089-3	—	.75"	.69"	
	3/8	9/16-24	—	B6531	—	.468"	.625"	
	3/8	9/16-24	—	35434**	—	.42"	.562"	
	4MM	M8X1	—	15327	—	.468"	10mm	
	4MM	M8X1	—	34495***	—	.468"	10MM	
	6MM	M12X1.5	AR204	—	—	14.5MM	14MM	
	6MM	M14X1.5	AR1272	—	—	16.5MM	17MM	
	6MM	M10X1	AR194	—	—	11.5MM	12MM	
	8MM	M14X1.5	AR205	—	—	14.5MM	17MM	
	10MM	M16X1.5	AR208	—	—	15.5MM	19MM	

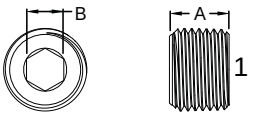
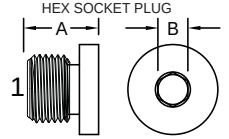
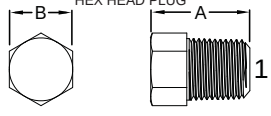
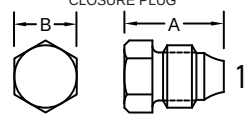


* CHROME ** CAPTIVE SLEEVE *** BAG OF 25 PCS

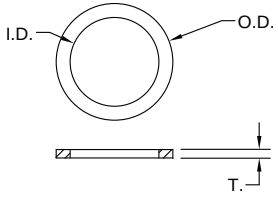
	THREADS	BDI PART #	DIMENSIONS		DRAWING	
	Female (1)	Brass	A	B		
Female Cap 	5/16-24	B3478	.57"	.375"		1
	5/16-24	A4082	.286"	.375"		

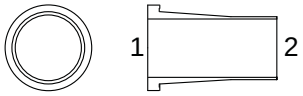
	TUBE	BDI PART #	DIMENSIONS				DRAWING	
	Tube OD	Steel	INSERT O.D.	LENGTH	FLANGE O.D.	CAN BE USED WITH		
			A	B	C	TUBE P.N.		
Tubing Inserts 	5/32	19268	.098"	.315"	.157"	5N25		
	1/4	B144-2	.142"	.737"	.25"	8N30		
	1/4	B144-3	.157"	.487"	.245"	21672		
	1/4	B144-4	.164"	.647"	.25"	B8598		
	1/4	B144-6	.127"	.479"	.235"	B10437		
	1/4	B144-7	.180"	.647"	.245"	B8599		
	1/4	B144-11	.150"	.562"	.218"	21672		
	5/16	20108-1	.232"	.50"		20100		
	5/16	B144-1	.125"	.544"	.281"	19159		
	3/8	B144-5	.245"	.844"	.36"	B10067		
	3/8	B144-10	.275"	.535"	.365"	19614		
	1/2	B144-9	.372"	.72"	.44"	19342		
	4MM	22585-1	3MM	15.5MM	4MM	73100-2114		
	4MM	AR629	2.7MM	10MM		73100-2114		
	6MM	34836	4MM	14MM	5MM	35006		
	6MM	22585-2	4MM	15.5MM	5MM	B10437C		
	6MM	AR1094	4MM	10MM		27490/35006		
	8MM	34837	5MM	14MM	8MM	35007		
	10MM	34838	7.5MM			34825		
	10MM	22585-3	7.5MM	15MM	10MM	34825		
	12MM	34839	9MM	15MM	12MM	34826		

	TUBE	TYPE	BDI PART #			NOTES	DRAWINGS	
	Tube OD (1)	#	Steel	Brass	Stainless			
Compression Sleeves 	3/32	1	—	B3313	—			1
	3/32	1	—	BB3313	—	B3313 PACK OF 50		
	1/8	2	—	27338	—	NYLON TUBING		
	1/8	2	—	—	27338SS	NYLON TUBING		
	1/8	1	—	24456	—	METAL TUBING		
	5/32	1	—	B1061	—	METAL TUBING		
	5/32	2	—	B8272	—	NYLON TUBING		
	5/32	1	—	BB1061	—	B1061 PACK OF 50		
	5/32	2	—	BB8272	—	B8272 PACK OF 50		
	3/16	1	—	B1227	—			
TYPE # 1 	1/4	1	—	B2520	—	METAL TUBING		1
	1/4	2	—	B10202	—	NYLON TUBING		
	1/4	3	B10088-1	—	—			
	5/16	3	B10088-2	—	—			
	3/8	1	—	B6532	—			
	3/8	3	B10088-3	—	—			
	4MM	3	73511-1134	—	—			
	4MM	1	—	35001	—			
	4MM	3	AR995	—	—	LL SERIES		
	6MM	3	AR206	—	—	LL SERIES		
TYPE # 2 	6MM	3	73511-1154	—	—	LIGHT SERIES		1
	6MM	1	—	35002	—	LIGHT SERIES		
	6MM	2	—	22577	—	NYLON TUBING		
	6MM	1	—	B2520C	—	METAL TUBING		
	6MM	1	—	AR938	—	METAL TUBING		
	8MM	3	AR200	—	—	L SERIES		
	8MM	3	73511-1164	—	—	LIGHT SERIES		
	8MM	1	—	35003	—	LIGHT SERIES		
	8MM	3	73511-1224	—	—	HEAVY SERIES		
	10MM	3	73511-1234	—	—			
TYPE # 3 	10MM	3	AR209	—	—	L SERIES		

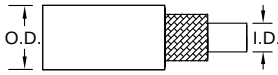
	THREADS	BDI PART #			DIMENSIONS			COPPER WASHER/ O-RING REQUIRED	DRAWINGS
	Male (1)	Steel	Brass	Stainless	TYPE	A	B		
Plugs	1/4-28	B10555	—	—	4	.50"	.25"	X	TYPE 1 HOLLOW HEX PIPE PLUG 
	5/16-24	—	B3784	—	4	.625"	.312"		
	5/16-24	—	B3992	—	4	.468"	.312"		
	5/16-24	—	BB3992*	—	4	.468"	.312"		
 HOLLOW HEX PIPE PLUG	5/16-24	34496*	—	—	4	.625"	.312"	X	TYPE 2 HEX SOCKET PLUG 
	1/16NPT	U119ZC	—	—	1	.312"	.156"	X	
	3/8-24	32999	—	—	2	.408"	.187"	X	
	1/8NPT	HP603	—	—	1	.281"	.187"		
	1/8NPT	35573-1	—	—	3	.75"	.562"		
	1/8NPT	U119AC	—	UST119AC	1	.312"	.187"		
	7/16-20	26173-1	—	—	2	.46"	.187"	X	
	1/4NPT	HP616	—	—	1	.312"	.25"		
	1/4NPT	35573-2	—	—	3		.437"		
	1/4NPT	U119BC	—	UST119BC	1	.437"	.25"		
 HEX SOCKET PLUG	9/16-18	26173-2	—	—	2	.49"	.25"	X	TYPE 3 HEX HEAD PLUG 
	3/8NPT	HP615	—	—	1	.50"	.312"		
	3/8NPT	U119CC	—	—	1	.50"	.312"		
	3/8NPT	—	—	35664	1	.87"	.69"		
	1/2NPT	HP621	—	—	1	.562"	.406"		
	1/2NPT	U119DC	—	UST119DC	1	.562"	.375"		
	3/4NPT	U119EC	—	—	1	.625"	.562"		
	1/8BSPP	15426	—	—	2	11MM	5MM	X	
	1/4BSPP	35009	—	—	3	12.5MM	7MM	X	
	1/8BSPT	19026	—	—	1	8MM	5MM		
 HEX HEAD PLUG	1/8BSPT	—	—	19026SS	1	8MM	5MM		TYPE 4 CLOSURE PLUG 
	1/8BSPT	20937-1	—	—	1	8MM	5MM		
	1/4BSPT	20937-2	—	—	1	10MM	7MM	X	
	3/8BSPP	74106-1144	—	—	3			X	
	M8X1	—	15322	—	3	15.87MM	8MM	X	
	M8X1	—	34497*	—	3	15.37MM	8MM	X	
	M10X1	—	27450	—	3	12MM	12MM	X	
	M10X1	74106-1164	—	—	3	11MM	5MM	X	
	M10X1	AR1024	—	—	1	12MM	5MM	X	
	M10X1	21390-1	—	—	2	8MM	5MM	X	
 CLOSURE PLUG	M12X1	35008	—	—	2	15MM	17MM	X	
	M12X1	26788	—	—	3	15MM	12MM	X	
	M14X1.5	—	34773	—	3	10MM		X	
	M22X1.5	22454	—	—	3	20MM	27MM	X	

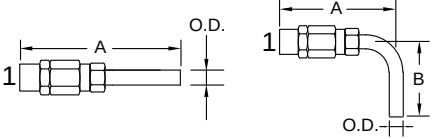
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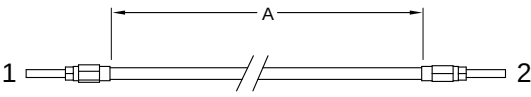
	USED ON	DIMENSIONS			BDI	DRAWING
	Thread Size	I.D.	O.D.	T.	Part Number	
 Copper Seals	M5	5.2MM	7.4MM	1MM	20913-5	
	M6	6.2MM	9.9MM	1MM	20913-4	
	M8	8.2MM	12.9MM	1MM	20913-6	
	M8	8.2MM	11.4MM	1MM	20913-9	
	M10	10.2MM	13.4MM	1MM	20913-1	
	M10	10.2MM	13.9MM	1MM	20913-2	
	M12	12.2MM	15.4MM	1.5MM	72712-1174	
	M12	12.2MM	15.4MM	1.5MM	20913-3	
	M16	16MM	20MM	1.85MM	25589-23	
	M16	16.3MM	20MM	1.5MM	23483	
	M22	22.4MM	27MM	1.5MM	25589-7	
	M10 - 1/8BSPP	10.2MM	13.4MM	1MM	72712-1094	
	M10 - 1/8BSPP	10.3MM	13.5MM	1MM	AR371	
	M10 - 1/8BSPP	10.2MM	13.4MM	1.5MM	25589-2	
	M13	13.4MM	18.8MM	1.5MM	25589-5	
	M14 - 1/4BSPP	14.2MM	17.9MM	1.5MM	35010	
	M15	15.2MM	18.9MM	1.5MM	20913-7	
	3/8BSPP	17MM	21MM	1.5MM	72712-1324	
	1/2BSPP	21MM	26MM	1.5MM	72712-1364	
	1BSPP				72712-1624	

	TUBE	BDI PART #		INFORMATION		DRAWING
	Tube OD (1)	Steel	Brass	TYPE	DRILLED HOLE SIZE (2)	
Drive Bushings 	5/32	-	B3596	REAMED TAPER	1/4"	
	5/32	B4067	-	STRAIGHT DRILL	1/4"	
	3/32	-	B5271	REAMED TAPER	9/64"	
	3/32	B4440	-	STRAIGHT DRILL	11/64"	

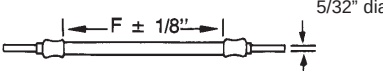
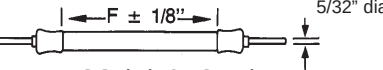
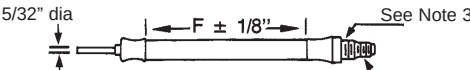
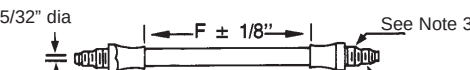
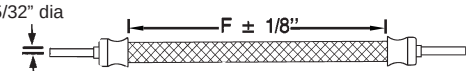
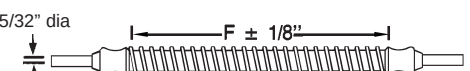
PDI Bulk hose & Assemblies

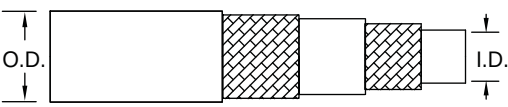
	HOSE		WORKING PRESSURE		BDI PART #	DRAWING
	I.D.	O.D.	PSI	Bar		
Bulk Hose 	4.1 MM	8.75 MM	3000	200	34962	
	6.4 MM	14.4 MM	2100	140	34964	

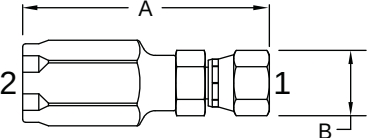
	STAND PIPE SIZE	TYPE	BDI PART #	USE WITH HOSE PART #	DIMENSIONS		DRAWINGS
	O.D.		O.D.	(1)	A	B	
Bulk Hose Reusable Fittings with Stand Pipe 	3/16	STR	29116	34962	58MM	N/A	
	1/4	90 DEG	29220	34962	50MM	32MM	
	1/4	STR	29117	34962	58MM	N/A	
	4MM	STR	29587	34962	64MM	N/A	
	4MM	90 DEG	29585	34962	50MM	32MM	
	6MM	STR	34963	34962	64MM	N/A	
	6MM	90 DEG	AR1736	34962	50MM	32MM	
	8MM	STR	34965	34964	71MM	N/A	

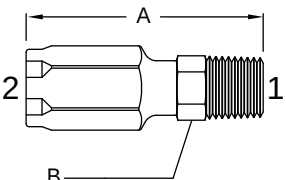
	STAND PIPE SIZE (BOTH ENDS)	HOSE LENGTH	BDI PART #	DRAWING
	O.D. (1 & 2)	INCHES*(A)		
PDI Hose Assemblies 	6MM	8	34971-8	
	6MM	10	34971-10	
	6MM	12	34971-12	
	6MM	14	34971-14	
	6MM	16	34971-16	
	6MM	18	34971-18	
	6MM	20	34971-20	
	6MM	22	34971-22	
	6MM	24	34971-24	
	6MM	26	34971-26	
	6MM	28	34971-28	
	8MM	8	34972-8	
	8MM	10	34972-10	
	8MM	12	34972-12	
	8MM	14	34972-14	
	8MM	16	34972-16	
	8MM	18	34972-18	
	8MM	20	34972-20	
	8MM	22	34972-22	
	8MM	24	34972-24	
	8MM	26	34972-26	
	8MM	28	34972-28	
				* Hose length does not include fittings

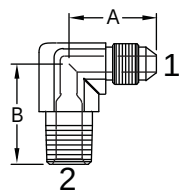
Flexible SLR Hose Assemblies ~ 200 PSI MAX Pressure

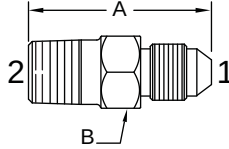
	LENGTH		BDI PART #					DRAWINGS
	"F"	SS 5/16" O.D.	SS 7/16" O.D.	SC 7/16" O.D.	CC 7/16" O.D.	SSS 5/16" O.D.	SSA 3/8" O.D.	
SLR Hose Assemblies 	4"	B4514	—	—	—	—	—	 Type SS (5/16" O.D.) See Note 5
	5"	B4515	B2962	B4857	B4873	20106-4	19006-5	
	6"	B4516	B3134	B4858	B4874	20106-6	—	 Type SS (7/16" O.D.) See Note 5
	7"	B4517	B2963	B4859	B4875	20106-7	19006-7	
	8"	B4518	B3433	B4860	B4876	20106-8	—	 Type SC (7/16" O.D.) See Note 3 See Note 4
	9"	B4519	B2542	B4861	B4877	20106-9	—	
	10"	B4520	B3145	B4862	B4878	20106-10	B06-10	 Type CC (7/16" O.D.) See Note 3 See Note 4
	11"	B01-11	—	—	—	—	—	
	12"	B4588	B3135	B4863	B4879	20106-12	19006-12	 Type SSA (3/8" O.D.) See Note 2
	14"	B4589	B3530	B4864	B4880	20106-14	B06-14	
	15"	B5768	B3136	—	—	—	—	 Type SSS (5/16" O.D.) See Note 2
	16"	B6415	B3531	B4865	B4881	20106-16	B06-16	
	17"	B01-17	—	—	—	—	—	Note 1: Above hoses are also available in special lengths Note 2: Use compression fittings listed on page 7 Note 3: 3/8-24 NF thread for bracket mounting Note 4: 5/16-24 NF thread for 5/32 O.D. tubing connection. Use compression nut B1095 and compression sleeve B1061 listed on page 7 Note 5: Type SS is not a stainless steel hose.
	18"	B6416	B3137	B4866	B4882	20106-18	B06-18	
	19"	—	B02-19	—	—	—	—	
	20"	B6651	B3532	B4867	B4883	20106-20	B06-20	
	21"	—	B3507	—	—	20106-21	—	
	22"	B01-22	B3528	B4868	B4884	20106-22	B06-22	
	23"	19001-23	—	—	—	—	—	
	24"	B8077	B3508	B4869	B4885	20106-24	B06-24	
	25"	B01-25	B02-25	—	—	—	—	
	27"	B01-27	B3533	B4870	B4886	20106-27	B06-27	
	28"	—	B02-28	—	—	20106-28	—	
	30"	B01-30	B3534	B4871	B4887	—	B06-30	
	32"	—	B02-32	—	—	—	19006-32	
	33"	B01-33	B3735	B4872	B4888	20106-33	—	
	34"	19001-34	B02-34	—	—	—	—	
	35"	—	19002-35	—	—	20106-35	—	
	36"	B01-36	B4780	B03-36	B04-36	20106-36	B06-36	
	38"	B01-38	B02-38	—	B04-38	—	B06-38	
	40"	B01-40	B4235	B03-40	B6126	20106-40	19006-40	
	42"	—	B02-42	—	—	—	—	
	44"	—	B4796	—	B6247	20106-44	—	
	45"	B01-45	B02-45	—	—	—	—	
	46"	B01-46	B8786	—	—	—	—	
	48"	B01-48	B4980	B5819	B6317	20106-48	B06-48	
	50"	—	B02-50	—	—	—	—	
	52"	—	B4418	—	—	—	—	
	54"	—	B02-54	—	—	—	—	
	56"	B01-56	B4011	—	B04-56	20106-56	—	
	60"	B01-60	B4740	B03-60	—	20106-60	—	
	62"	—	19002-62	—	—	—	—	
	66"	—	B4795	—	—	—	—	
	70"	—	B02-70	—	—	—	—	
	72"	B01-72	B4994	—	B6318	20106-72	B06-72	
	84"	—	B6320	—	—	20106-84	—	
	96"	B01-96	B02-96	—	B04-96	—	19006-96	
	100"	—	—	—	—	20106-100	—	
	120"	B01-120	B9436	—	—	20106-120	—	
	130"	—	B02-130	—	—	—	—	
	144"	—	19002-144	—	—	20106-144	—	
	180"	B01-180	—	—	—	—	—	
	228"	—	—	—	—	20106-228	—	

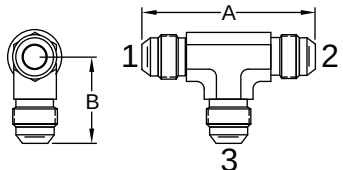
	HOSE		WORKING PRESSURE		BDI PART #	INFORMATION	DRAWING
	I.D.	O.D.	PSI	Bar			
Hose 	9/64	7/16	225	15	B4184	NEOPRENE	
	5/32	5/16	225	15	B7515	NEOPRENE	
	3/16	29/64	425	29	U702B		
	3/16	3/8	500	34	27729	25FT LENGTH	
	3/16	3/8	500	34	27730	BULK	
	3/16	.36	400	27	6NE3	BUNA N	
	1/4	0.59	5800	400	B10212-1	SAE100R2	
	1/4	0.53	2750	189	B10212-3	SAE100R1	
	1/4	5/8	500	34	U702C		
	1/4	.59	5800	400	U7184	SAE100R2	
	1/4	9/16	2750	189	201200	MED PRES	
	1/4	0.51	3000	206	35546	SAE100R7	
	3/8	0.75	5000	344	B10212-2	SAE100R2	
	3/8	0.69	2250	155	B10212-4	SAE100R1	
	3/8	.75	4750	327	U7186	SAE100R2	
	1/2	.87	4000	275	U7188	SAE100R2	
	3/4	1.17	2250	155	U71812	SAE100R2	
	1	1.50	2000	137	U71816	SAE100R2	

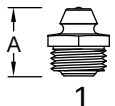
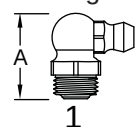
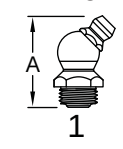
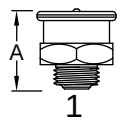
	HOSE	THREAD	BDI PART #		INFORMATION	DIMENSIONS		DRAWING
	I.D. (2)	Female(1)	Steel	Stainless	USE WITH HOSE #	A	B	
Reusable Hose Fittings: Straight Female Thread SAE(JIC) X Hose 	1/4	7/16-20	201188	201188SST	35546	2.44"	.562"	
	1/4	7/16-20	U43844	35637-1	U7184	2.45"	.562"	
	3/8	9/16-18	U43866	35637-2	U7186	2.74"	.75"	
	3/8	3/4-16	U43886	—	U7186	2.86"	.875"	
	1/2	3/4-16	U43888	35637-3	U7188	3.19"	.875"	
	3/4	1-1/16-12	U4381212	—	U71812	3.53"	1.25"	
	1	1-5/16-12	U4381616	—	U71816	3.93"	1.50"	

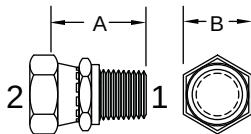
	HOSE	THREAD	BDI PART #		INFORMATION	DIMENSIONS		DRAWING
	I.D. (2)	Male(1)	Steel		USE WITH HOSE #	A	B	
Reusable Hose Fittings: Straight Male Thread NPT X Hose 	3/16	1/8NPT	U404AB1		U702B	1.73"	.436"	
	3/16	1/8NPT	U407AB1		U702B	2.45"	.562"	
	3/16	1/8NPT	B10273-1		B10271-2	1.984"	.562"	
	1/4	1/4NPT	B10205-1		B10212-1	2.38"	.562"	
	1/4	1/8NPT	B10205-3		B10212-1	2.20"	.562"	
	1/4	1/8NPT	201185		201200			
	1/4	1/4NPT	201186		201200	2.42"	.562"	
	1/4	3/8NPT	201187		201200			
	1/4	1/4NPT	U43744		U7184	2.38"	.562"	
	1/4	3/8NPT	U43766		U7186	2.58"	.75"	
	1/4	1/2NPT	U43788		U7188	3.11"	.875"	
	1/4	1/8NPT	U404B1		U702C	1.76"	.50"	
	1/4	1/4NPT	U404B2		U702C	1.97"	.562"	
	1/4	3/8NPT	U404B3		U702C			
	1/4	1/8NPT	U407B1		U702C	2.50"	.686"	
	1/4	1/4NPT	U407B2		U702C	2.73"	.686"	
	1/4	3/8NPT	U407B3		U702C	2.73"	.686"	
	3/8	3/8NPT	B10205-2		B10212-2	2.58"	.75"	

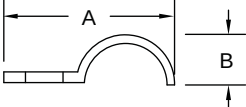
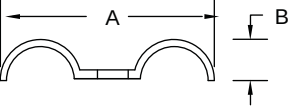
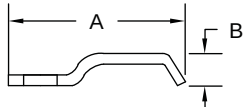
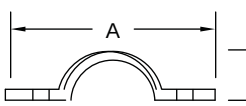
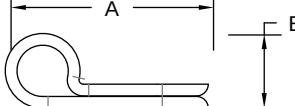
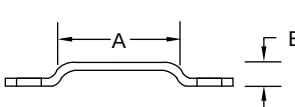
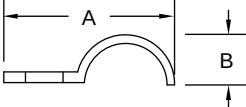
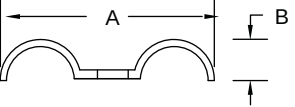
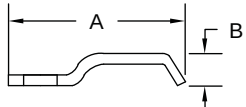
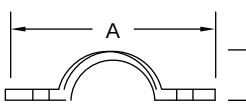
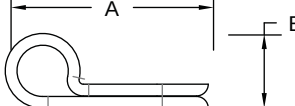
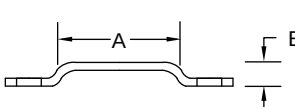
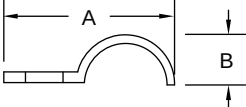
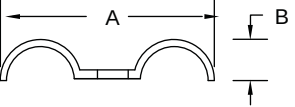
	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male (1)	Male (2)	Steel	Stainless	A	B	
90 Degree Adapter Male Thread SAE(JIC) X Male NPT 	7/16-20	1/4NPT	35528-1	35636-1	1.05"	1.09"	
	7/16-20	3/8NPT	35528-3	35636-3	1.13"	1.22"	
	7/16-20	1/8NPT	35528-5	35636-5	.89"	.78"	
	9/16-18	1/4NPT	35528-2	35636-2	1.06"	1.09"	
	9/16-18	3/8NPT	35528-4	35636-4	1.14"	1.22"	
	9/16-18	1/8NPT	35528-8	35636-8	1.06"	.90"	
	3/4-16	1/4NPT	35528-6	35636-6	1.25"	1.22"	
	3/4-16	3/8NPT	35528-7	35636-7	1.25"	1.22"	

	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male (1)	Male (2)	Steel	Stainless	A	B	
Straight Adapter Male Thread SAE(JIC) X Male NPT 	1/2-20	3/8NPT	U43165	—	1.37"	.937"	
	1/2-20	1/4NPT	U43145	—	1.42"	.562"	
	1/2-20	1/8NPT	U43125	—	1.21"	.562"	
	7/16-20	3/8NPT	35575	35638-3	1.44"	.75"	
	7/16-20	1/4NPT	U43144	35638-1	1.42"	.562"	
	7/16-20	1/8NPT	U43124	35638-5	1.21"	.50"	
	9/16-18	1/2NPT	U43186	—	1.68"	.875"	
	9/16-18	3/8NPT	U43166	35638-4	1.43"	.75"	
	9/16-18	1/4NPT	U43146	35638-2	1.43"	.625"	
	9/16-18	1/8NPT	35575-1	35638-8	1.24"	.625"	
	3/4-16	3/4NPT	U431128	—	1.85"	1.125"	
	3/4-16	1/2NPT	U43188	—	1.78"	.875"	
	3/4-16	3/8NPT	U43168	35638-7	1.53"	.812"	
	3/4-16	1/4NPT	U43148	35638-6	1.53"	.812"	
	7/8-14	3/4NPT	U4311210	—	1.95"	1.125"	
	7/8-14	1/2NPT	U431810	—	1.88"	.937"	
	1-1/16-12	3/4NPT	U4311212	—	2.05"	1.125"	
	1-1/16-12	1/2NPT	U431812	—	2.05"	1.125"	
	1-5/16-12	1NPT	U4311616	—	2.29"	1.375"	
	1-5/16-12	3/4NPT	U4311216	—	2.10"	1.375"	
	1-5/8-12	1-1/4NPT	U4312020	—	2.45"	1.687"	
	1-7/8-12	1-1/2NPT	U4312424	—	2.67"	2.0"	

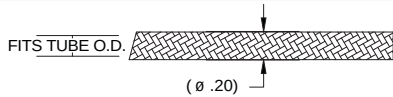
	THREADS			BDI PART #		DIMENSIONS		DRAWING
	Male (1)	Male (2)	Male (3)	Steel	Stainless	A	B	
Tee Male Thread SAE(JIC)37 	7/16-20	7/16-20	7/16-20	35582-1	-	.84"	1.46"	
	9/16-18	9/16-18	9/16-18	35582-2	-	28MM	40MM	
	3/4-16	3/4-16	3/4-16	35582-3	-			

	THREAD	TYPE	BDI PART #	DIMENSIONS	DRAWINGS
	Male (1)			A	
Grease Fittings 	1/4-28	STR SHORT	F651	.53"	Straight  90 Degree  45 Degree  Button Head 
	1/4-28	STR MED	F652	.69"	
	1/4-28	STR LNG	F653	1.12"	
	1/4-28	90 DEG	F656	.75"	
	1/4-28	45 DEG	F657	.81"	
	1/8NPT	STR	15332-1	.687"	
	1/8NPT	30 DEG	F671	.843"	
	1/8NPT	65 DEG STR	F672	.843"	
	1/8NPT	90 DEG	F673	.843"	
	1/8NPT	STR SHORT	F674	.687"	
	1/8NPT	65 DEG LNG	F675	.531"	
	1/8NPT	45 DEG	F678	.890"	
	1/8NPT	STR LNG	F679	1.75"	
	1/8NPT	STD BUTTONHEAD	F1290	.75"	
	1/4NPT	STR	F687	.875"	
	1/4NPT	65 DEG	F689	.968"	
	1/4NPT	STD BUTTONHEAD	F1291	.828"	
	1/4NPT	GIANT BUTTONHEAD	F1292	1.25"	
	3/8NPT	GIANT BUTTONHEAD	F1293	1.312"	
	1/8BSPT	STR	19448	15MM	
	1/4BSPT	STR	19449	19MM	
	1/4BSPT	90 DEG	20870-1	22MM	
	1/4BSPT	45 DEG	20669-2	23MM	
	1/4 DRIVE	STR	F662	.546"	
	3/16 DRIVE	STR	F666	.515"	
	5/16 DRIVE	STR	F668	.546"	
	M6X1	STR	F691	.593"	
	M6X1	45 DEG	F694	.812"	
	M6X1	90 DEG	F697	.75"	
	M8X1	STR	F692	.625"	
	M8X1	45 DEG	F695	.812"	
	M8X1	90 DEG	F698	.75"	
	M8X1.25	STR	21963-1	17MM	
	M10X1	45 DEG	20669-1	25MM	
	M10X1.5	STR	21964-1	18MM	

	THREADS		BDI PART #		DIMENSIONS		DRAWING
	Male (1)	Female (2)	Steel	Stainless	A	B	
Straight Male Thread X Female Thread Swivel 	1/8NPT	1/8NPSM	B10275-1*	-	1.09"	.562"	
	1/8NPT	1/8NPT	32382-1*		.85"	.562"	
	1/4NPT	1/4NPT	37271**	-	1.77"	.562"	
	1/4NPT	1/4NPSM	B10275-3*	-	1.43"	.687"	
* SWIVEL STOPS WHEN TIGHT **45 DEG							

	TUBE	BDI	# OF TUBES	# OF MNTG HOLES	TYPE	INFO	DIMENSIONS			DRAWINGS
	O.D.	PART #					A	B	MNTG HOLE	
Tubing Clips  	3/32	B3570	1	1	1	7/16"	.50"	.14"	.196"	TYPE 1 
	3/32	34486	1	1	1	BAG 25 B3570	.50"	.14"	.196"	
	1/8	27820-1	1	1	1	NOT SUPPLIED W/SCREWS	.562"	.125"	.156"	
	1/8	27820-2	2	2	6	NOT SUPPLIED W/SCREWS	.312"	.187"	.156"	
	1/8	27820-3	3	2	6	NOT SUPPLIED W/SCREWS	.437"	.187"	.156"	TYPE 2 
	1/8	27820-4	4	2	6	NOT SUPPLIED W/SCREWS	.562"	.187"	.156"	
	1/8	27820-5	5	2	6	NOT SUPPLIED W/SCREWS	.687"	.187"	.156"	
	1/8	27821-1	1	1	1	STAINLESS, NOT SUPPLIED W/SCREWS	.562"	.125"	.156"	
	1/8	27821-2	2	2	6	STAINLESS, NOT SUPPLIED W/SCREWS	.312"	.187"	.156"	TYPE 3 
	1/8	27821-3	3	2	6	STAINLESS, NOT SUPPLIED W/SCREWS	.437"	.187"	.156"	
	1/8	27821-5	5	2	6	STAINLESS, NOT SUPPLIED W/SCREWS	.687"	.187"	.156"	
	5/32	A2435	1	1	1	1/2"	.70"	.20"	.196"	
	5/32	A2764	1	1	1	11/32"	.84"	.25"	.265"	TYPE 4 
	5/32	B3539	2	1	2	5/16"	.84"	.25"	.196"	
	5/32	B3567	2	1	2	13/16"	1.0"	.25"	.265"	
	5/32	B7535	3-5	1	3	1"	1.1"	.25"	.196"	
	5/32	34487	1	1	1	BAG 25 A2435	.70"	.20"	.196"	TYPE 5 
	5/32	34488	1	1	1	BAG 25 A2764	.84"	.25"	.265"	
	5/32	34489	2	1	2	BAG 25 B3539	.84"	.25"	.196"	
	5/32	34490	2	1	2	BAG 25 B3567	1.0"	.25"	.265"	
	5/32	34491	3-5	1	3	BAG 25 B7535	1.1"	.25"	.196"	TYPE 6 
	3/16	U301A1	1	1	1	W/ 1/4-20X3/8"LG SCREW	1.06"	.25"	.281"	
	3/16	U301A2	2	1	3	W/ 1/4-20X3/8"LG SCREW	1.25"	.25"	.281"	
	3/16	U301A3	3	1	3	W/ 1/4-20X3/8"LG SCREW	1.437"	.25"	.281"	
	1/4	35476	1	1	1	1/2"	1.0"	.312"	.218"	TYPE 1 
	1/4	B10349-5	1	2	-	WELD BASE	1.531"	1.312"		
	1/4	34492	1	1	1	BAG 25 35476	1.0"	.312"	.218"	
	1/4	U301B1	1	1	1	W/ 1/4-20X3/8"LG SCREW	1.125"	.312"	.281"	
	1/4	U301B2	2	1	3	W/ 1/4-20X3/8"LG SCREW	1.375"	.312"	.281"	TYPE 2 
	1/4	U301B3	3	1	3	W/ 1/4-20X3/8"LG SCREW	1.625"	.312"	.281"	
	1/4	U1301B4	4	2	6	W/2PCS 1/4-20X3/8"LG SCREW	1.125"	.312"	.281"	
	1/4	U1301B6	6	2	6	W/2PCS 1/4-20X3/8"LG SCREW	1.625"	.312"	.281"	
	1/4	35448-1	1	1	5	RUBBER DIP	1.15"	.39"	.281"	TYPE 3 
	3/8	B6508	1	1	1	1/2"	1.0"	.437"	.218"	
	3/8	34493	1	1	1	BAG 25 B6508	1.0"	.437"	.218"	
	3/8	U301D1	1	1	1	W/ 1/4-20X3/8"LG SCREW	1.25"	.437"	.281"	
	3/8	U301D2	2	1	3	W/ 1/4-20X3/8"LG SCREW	1.625"	.437"	.281"	TYPE 4 
	3/8	U1301D3	3	2	6	W/2PCS 1/4-20X3/8"LG SCREW	1.25"	.437"	.281"	
	3/8	U1301D4	4	2	6	W/2PCS 1/4-20X3/8"LG SCREW	1.625"	.437"	.281"	
	3/8	U1301D6	6	2	6	W/2PCS 1/4-20X3/8"LG SCREW	2.375"	.437"	.281"	
	3/8	35448-2	1	1	5	RUBBER DIP	1.55"	.525"	.406"	TYPE 5 
	1/2	U301E1	1	1	1	W/ 1/4-20X3/8"LG SCREW	1.25"	.562"	.281"	
	1/2	U1301E2	2	2	6	W/2PCS 1/4-20X3/8"LG SCREW	1.125"	.562"	.281"	
	1/2	35448-3	1	1	5	RUBBER DIP	1.70"	.714"	.406"	
	.53	B10276-4	1	1	5	HOSE .735-.860	50MM	25MM	.406"	TYPE 6 
	19/32	B10276-2	1	1	5	HOSE .515-.590	45MM	22MM	.406"	
	5/8	U301F1	1	1	1	W/ 1/4-20X3/8"LG SCREW	1.437"	.687"	.281"	
	5/8	35448-4	1	1	5	RUBBER DIP	1.83"	.84"	.406"	
	3/4	35448-5	1	1	5	RUBBER DIP	2.00"	1.00"	.406"	TYPE 1 
	4MM	73573-4114	1	1	1		20MM	5.5MM	5.5MM	
	5.5-7MM	34499	1	1	1	BAG 25 73572-3234	38MM	14MM	6.6MM	
	5.5-7MM	73572-3234	1	1	1		38MM	14MM	6.6MM	
	7-9MM	35011	1	1	1		40MM	16MM	6.6MM	TYPE 2 
	7-9MM	35377	1	1	1	BAG 25PCS 35011	40MM	16MM	6.6MM	
	7-9MM	73573-3134	1	2	4		48MM	15MM	6.6MM	
	7-9MM	34758	1	2	4	BAG 25 73573-3134	50MM	15MM	6.6MM	
	N/A	U240G2	N/A	N/A	-	1/4-20X3/8"LG SCREW	-	-	-	

	TUBE O.D.	TUBE WALL	BDI PART #	WORKING PRESSURE		MATERIAL	COLOR	NOTES
				PSI	BAR			
PLASTIC TUBING 	3/32	.020	3N20	404	27.75	Nylon	Natural	250FT STD REEL
	1/8	.031	26221	500	34.5	Nylon	Natural	250FT STD REEL
	1/8	.026	26079	625	43	Nylon	Natural	500FT STD REEL
	1/8	.026	27722	625	43	Nylon	Black	25'coil
	1/8	.026	27389	625	43	Nylon	Black	100'coil
	1/8	.031	20295	85	5.75	Polyurethane	Clear	
	5/32	.025	19230	250	17.25	Nylon	Black	250FT STD REEL
	5/32	.025	19230-BU	250	17.25	Nylon	Blue	250FT STD REEL
	5/32	.025	19230-RD	250	17.25	Nylon	Red	250FT STD REEL
	5/32	.025	5N25	250	17.25	Nylon	Natural	250FT STD REEL
	5/32	.035	21267	500	34.5	Nylon	Black	UV
	5/32	.055	5N55	500	34.5	Nylon	Natural	
	5/32	.055	5N55-330	500	34.5	Nylon	Natural	330FT STD REEL
	5/32	.055	5N55B	500	34.5	Nylon	Black	
	5/32	.055	5N55B-330	500	34.5	Nylon	Black	330FT STD REEL
	3/16	.024	6N24	250	17.25	Nylon	Natural	250FT STD REEL
	3/16	.046	B10271-1	500	34.5	Nylon	Natural	
	3/16	.038	U428A	625	43	Nylon	Natural	
	3/16	.044	35449	500	34.5	Nylon	Black	
	3/16	0.044	35450	500	34.5	Nylon	Black/Red	2-tube bundle
	3/16	.044	35451	500	34.5	Nylon	Black/Red/Blue	3-tube bundle
	3/16	0.044	35524	500	34.5	Nylon	Black	#0 grease filled 10'LG
	3/16	0.044	35648	500	34.5	Nylon	Black	#0 grease filled 15'LG
	3/16	0.044	35601	500	34.5	Nylon	Black	#0 grease filled 20'LG
	3/16	.044	35453	500	34.5	Nylon	Black/Red	2-tube bndl #0 grease filled 10'LG
	3/16	0.044	35649	500	34.5	Nylon	Black/Red	2-tube bndl #0 grease filled 15'LG
	3/16	0.044	35602	500	34.5	Nylon	Black/Red	2-tube bndl #0 grease filled 20'LG
	3/16	.044	35454	500	34.5	Nylon	Black/Red/Blue	3-tube bndl #0 grease filled 10'LG
	3/16	.044	35650	500	34.5	Nylon	Black/Red/Blue	3-tube bndl #0 grease filled 15'LG
	3/16	0.044	35603	500	34.5	Nylon	Black/Red/Blue	3-tube bndl #0 grease filled 20'LG
	1/4	.062	B10437	500	34.5	Nylon	Black	
	1/4	.040	B8598	100	7	Polyethylene	Clear	200FT STD REEL
	1/4	.050	21672	625	43	Nylon	Black	100'coil
	1/4	.035	B8599	375	25.75	Nylon	Natural	200FT STD REEL
	1/4	.035	8N30B	625	43	Nylon	Black	250FT STD COIL
	1/4	.062	34211	500	34.5	Nylon	Natural	
	1/4	.035	8N30	425	29.25	Nylon	Natural	250FT STD COIL
	1/4	.050	U428B	625	43	Nylon	Natural	
	1/4	0.062	35127	500	34.5	Nylon	Black	(B10437)25FT PRE FILLED W/#0 GREASE
	5/16	.040	20100	312	21.5	Nylon	Natural	250FT STD REEL
	5/16	.040	19159	250	17.25	Nylon	Black	
	5/16	.059	35520	375	25.75	Nylon	Black	
	3/8	.062	B10067	87	6	Polyethylene	Clear	500FT STD REEL
	3/8	.075	U428D	625	43	Nylon	Natural	
	3/8	.075	35543	625	43	Nylon	Black	
	1/2	.062	19342	250	17.25	Nylon	Black	250FT STD REEL
	2.4MM	0.6MM	73100-2043	126	8.75	Nylon		
	4MM	0.5MM	73100-2114	125	8.5	Nylon	Natural	OBS USE UP THEN 73100-2128
	4MM	.75MM	73100-2128	250	17.25	Nylon	Natural	REPLACED 73100-2114
	4MM	.75MM	4N2.5W			Polyurethane	Clear	
	6MM	1MM	27490	275	19	Nylon	White	
	6MM	1MM	35006	125	8.5	Nylon	Natural	
	6MM	1MM	B10437C	500	34.5	Nylon	Natural	
	6MM	1.5MM	6N3B	471	32.5	Nylon	Natural	
	6MM	1.5MM	6N3G-25	471	32.5	Nylon	Natural	6N3B GREASE FILLED 25METERS
	6MM	1MM	35461	101	7	Polyurethane	Clear	100METER ROLL
	8MM	1MM	8N6	125	8.5	Nylon	Natural	
	8MM	1.5MM	35007	125	8.5	Nylon	Natural	
	8MM	1.5MM	29942	565	39	Nylon	Black	25 METER COIL
	10MM	1.25MM	34825	100	7	Nylon	Natural	25METER ROLL
	10MM	2MM	10N6-BLACK	600	41.25	Nylon	Black	25 METER COIL
	12MM	1.5MM	34826	90	6.25	Nylon	Natural	25METER ROLL

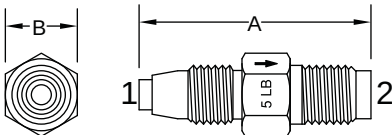
PROTECTION ITEMS	TUBE O.D.	BDI PART #	NOTES	DRAWINGS
Spring Cover for Nylon Tubing 	4MM - 5/32	20111	PER FOOT	
	5/16	20107		
Wire Braid Cover for Nylon Tubing 	4MM - 5/32	15344	PER FOOT	

	TUBE O.D.	TUBE WALL	BDI PART #	MATERIAL	STANDARD	NOTES
					LENGTH	
	5/32	.025	5C25	COPPER	12'	
	5/32	.025	5C25-CP	COPPER	12'	CHROME PLATE
	5/32	.055	5C55	COPPER	12'	
	5/32	.025	32196	COPPER	50'	50' COIL
	5/32	.055	5C55-CP	COPPER	12'	CHROME PLATE
	3/32	.022	3C22	COPPER	12'	
	1/8	.030	4C30	COPPER	12'	
	3/16	.030	6C30	COPPER	12'	
	1/4	.030	8C30	COPPER	12'	
	1/2	.032	26958	COPPER	50'	50' COIL
	5/16	.032	10C32	COPPER	12'	
	6MM	1MM	21431-6	COPPER	12'	
	10MM	1.5MM	21431-10	COPPER	12'	
	6MM	1MM	25712	COPPER	12'	
	8MM	1MM	10C8	COPPER	12'	
	4MM	0.5MM	73100-3124	COPPER	12'	
	3/16	.030	U424C3	COPPER	8-12'	
	1/4	.030	U424C4	COPPER	8-12'	
	3/8	0.032	U424C6	COPPER	8-12'	
	3/8	.049	U424CCC6	COPPER	8-12'	
	1/2	0.049	U424C8	COPPER	8-12'	
	1/4	.028	U424D4	COPPER	8-12'	
	3/8	0.028	U424D6	COPPER	8-12'	
	3/32	0.02	3S20	STEEL	12'	
	5/32	.020	5S20	STEEL	10'	
	1/4	.028	8S28	STEEL	12'	
	5/16	0.033	10S33	STEEL	12'	
	3/8	.042	12S42	STEEL	12'	
	3/4	.083	24S83	STEEL	12'	
	1/4	.028	27721	STEEL	25'	25' COIL
	1/4	.035	U424E4	STEEL		
	3/8	.049	U424E6	STEEL	20'	
	1/2	.065	U424E8	STEEL		
	3/4	.065	U424E12	STEEL		
	6MM	1MM	21182	STEEL		
	6MM	1MM	73100-1234	STEEL		
	4MM	.07MM	73100-1214	STEEL		
	1/8	.020	27388	STEEL	25'	25' COIL
	10MM	1MM	34481	STEEL	10	ZINC CHROME
	10MM	.75MM	10A8	STEEL		
	1/4	.035	7914035304WSS	STAINLESS STEEL	20	
	3/8	.049	7938049304WSS	STAINLESS STEEL	20	
	5/32	.020	5SS20	STAINLESS STEEL	10'	
	1/4	0.028	8SS28	STAINLESS STEEL	10'	
	3/8	.065	21633	STAINLESS STEEL	10'	
	5/32	.025	5B25	BRASS	12'	
	5/32	.025	5B25-CP	BRASS	12'	CHROME PLATED
	5/32	.032	5HB32	BRASS	12'	HARD BRASS
	3/16	.032	6HB32	BRASS	12'	HARD BRASS
	1/4	.035	U424B4	BRASS	10-12'	
	3/8	.049	U424B6	BRASS	10-12'	
	6MM	1MM	27435	BRASS	12'	1/4 HARD TEMPER

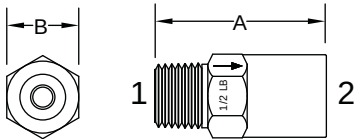
Note: Most metal tubing is normally coiled for shipping. Straight lengths available in some sizes. Specify on order or contact customer service.

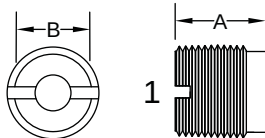
	TUBE	BDI	INCLUDES								
	O.D.	PART #	10'-FT	12'-FT	25 PCS	25 PCS	25 PCS	25 PCS	10 PCS	8 PCS	8 PCS
Tubing Service Kit	5/32	K1079	5N25	5C25	B1371	B1095	B1061	B8272	A2435	B3784	A2899

	O.D.	BDI PART #	COLOR	MATERIAL	NOTES
	1/4	35419-1	Black	Polyethylene	100ft coils
	1/2	35419-2	Black	Polyethylene	100ft coils
	3/4	35419-3	Black	Polyethylene	100ft coils
	1	35419-4	Black	Polyethylene	100ft coils
	1/2	35645	Black	Polyethylene	3/8" to 4" Bundling Range
	1	35646	Black	Polyethylene	1" to 7" bundling Range

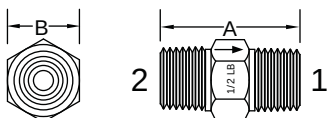
(FLOW→)	OPENING	THREADS		BDI PART #	DIMENSIONS		DRAWING
	PRESSURE	Male (1)	Male (2)		A	B	
Check Valve Junction Mounted 	5 LBS	5/16-24	5/16-24	B3003	1.20"	.375"	
	10 LBS	5/16-24	5/16-24	B3363	1.20"	.375"	
	20 LBS	5/16-24	5/16-24	B3251	1.20"	.375"	
	50 LBS	5/16-24	5/16-24	B5146	1.20"	.375"	

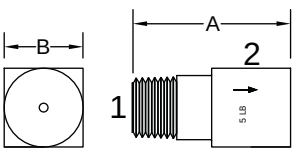
Note: Outlet 5/16-24 thread for 5/32 diameter tubing connection. Use Compression Nut B1095 and Compression Sleeve B1061 listed on pages 16/17.

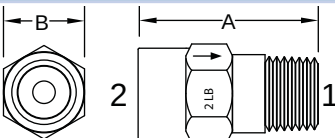
(FLOW→)	OPENING	THREADS		BDI PART #	DIMENSIONS		DRAWING
	PRESSURE	Male (1)	Female (2)		A	B	
Check Valve Adapter Type 	2 LBS	1/8NPT	5/16-24	B3815	1.0"	.437"	
	5 LBS	1/8NPT	5/16-24	B3905	1.0"	.437"	
	10 LBS	1/8NPT	5/16-24	B3906	1.0"	.437"	
	20 LBS	1/8NPT	5/16-24	B4450	1.0"	.437"	
	50 LBS	1/8NPT	5/16-24	B4960	1.0"	.437"	
	2 LBS	1/8NPT	1/8NPT	B5627	1.0"	.50"	
	5-12 LBS	1/8NPT	1/8NPT	U1975A1*	1.47"	.50"	
	5-12 LBS	1/8NPT	1/8NPT	U1975B1*	1.38"	.50"	
							* 2500PSI PROOF PRESSURE.

(FLOW→)	OPENING	THREAD	BDI PART #	NOTES	DIMENSIONS		DRAWING
	PRESSURE	Male (1)			A	B	
Check Valve Flush Mounted 	1/2 LB	7/16-20 NF	A3889	USE GASKET A3772	.468"	.362"	
	1/2 LB	1/2-20	B3674	USE GASKET A4191	.468"	.43"	

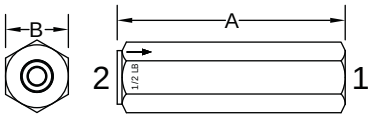
(FLOW→)	OPENING	THREADS		BDI PART #	DIMENSIONS		DRAWINGS
	PRESSURE	Female (2)	Male (1)		A	B	TYPE
Check Valve Insert 	2 LBS	5/16-24	1/8NPT	B4301	.875"	.437"	1
	5 LBS	5/16-24	1/8NPT	B3454	.875"	.437"	1
	10 LBS	5/16-24	1/8NPT	B3874	.875"	.437"	1
	20 LBS	5/16-24	1/8NPT	B4023	.875"	.437"	1
	1 LB	5/16-24	5/16-24	B6999*	1.2"	.375"	2
							* JUNCTION MOUNT

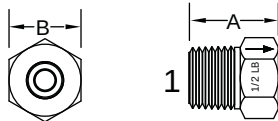
(FLOW→)	OPENING	THREADS		BDI PART #	DIMENSIONS		DRAWING
	PRESSURE	Male (1)	Male (2)		A	B	
Check Valve Connector 	1/2 LB	1/8NPT	1/8NPT	B5290	.875"	.437"	
	2 LBS	1/8NPT	1/8NPT	B4052	.875"	.437"	
	5 LBS	1/8NPT	1/8NPT	B4942	.875"	.437"	
	10 LBS	1/8NPT	1/8NPT	B4943	.875"	.437"	
	20 LBS	1/8NPT	1/8NPT	B4944	.875"	.437"	

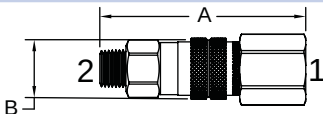
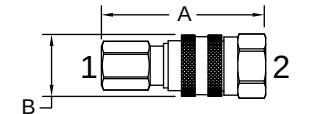
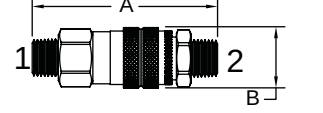
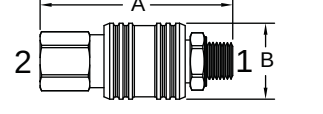
(FLOW→)	OPENING	THREADS		BDI PART #	DIMENSIONS		DRAWING
	PRESSURE	Male (1)	Female (2)		A	B	
Check Valve 90 Degree Connector 	2 LBS	1/8NPT	1/8NPT	B3833	1.0"	.50"	
	5 LBS	1/8NPT	1/8NPT	B3907	1.0"	.50"	
	10 LBS	1/8NPT	1/8NPT	B3908	1.0"	.50"	
		Female (2)	Male (1)				
	2 LBS	1/8NPT	1/8NPT	B6802	1.0"	.50"	

(FLOW→)	OPENING	THREADS		BDI PART #	DIMENSIONS		DRAWING
	PRESSURE	Male (1)	Female (2)		A	B	
Pressure Relief Valve 	2 LBS	1/8NPT	1/8NPT	B5892	.937"	.50"	
	10 LBS	1/8NPT	5/16-24	B6091	1.0"	.437"	

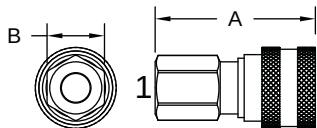
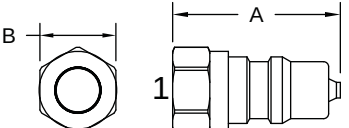
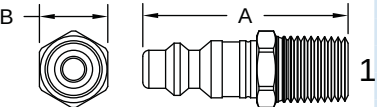
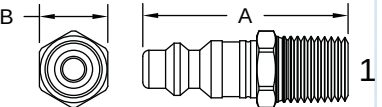
Note: Valves are ball type with flow capacity of 100cc/minute maximum. Tolerance of valve opening pressure is ±10%. Valves with hexagon or square bodies are stamped with the nominal opening pressure and arrow indicating direction of flow.

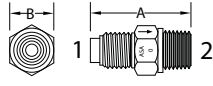
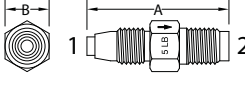
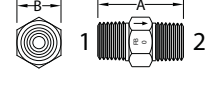
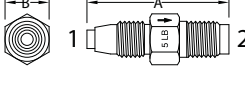
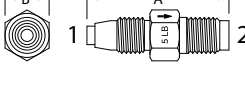
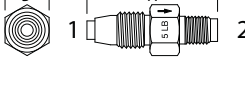
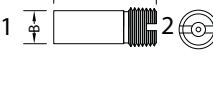
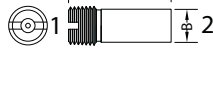
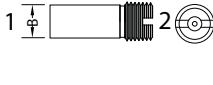
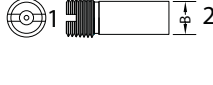
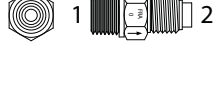
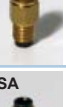
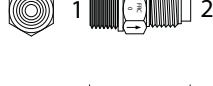
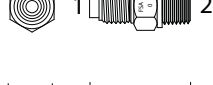
(FLOW→)	OPENING	THREADS		BDI PART#	DIMENSIONS		DRAWING
	PRESSURE	Female(1)	Female(2)		A	B	
Line Check Valve Poppet style 	1.5 - 2 LBS	1/4NPT	1/4NPT	U1972B	2.375"	.75"	
	1.5 - 2 LBS	1/4NPT	1/4NPT	U1972B1*	2.375"	.75"	
	5 LBS	3/8NPT	3/8NPT	35677-1	3.0"	1.0"	
	65 LBS	3/8NPT	3/8NPT	35677-2	3.0"	1.0"	
							* HAS GREASE FITTING FOR MANUAL LUBRICATION

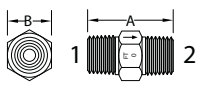
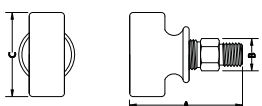
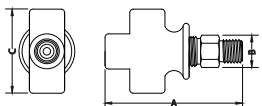
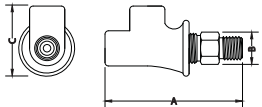
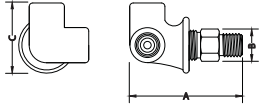
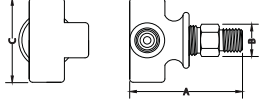
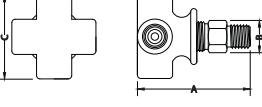
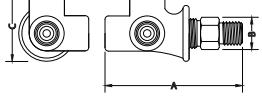
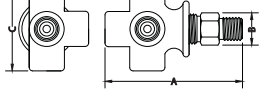
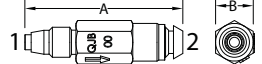
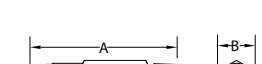
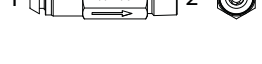
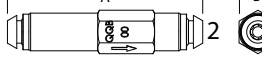
(FLOW→)	OPENING	THREAD	BDI PART #	DIMENSIONS		DRAWING
	PRESSURE	Male (1)		A	B	
	50 LBS	1/8NPT	B4974	.625"	.437"	
	75 LBS	1/8NPT	B9943	.688"	.437"	
	100 LBS	1/8NPT	B6898-1	.688"	.437"	
	130 LBS	1/8NPT	B6898	.688"	.437"	
	175 LBS	1/8NPT	B6965	.688"	.437"	
	200 LBS	1/8NPT	B5643	.688"	.437"	
	270 LBS	1/8NPT	B3993	.688"	.437"	
	300 LBS	1/8NPT	19142	.688"	.437"	
	400 LBS	1/8NPT	23232	.688"	.437"	
	450 LBS	1/8NPT	19139	.688"	.437"	
	600 LBS	1/8NPT	29605	23MM	11MM	
	725 LBS	1/8NPT	29541	23MM	11MM	
	1000 LBS	1/8NPT	29183	23MM	11MM	

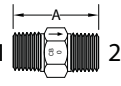
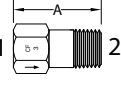
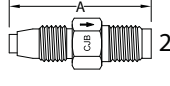
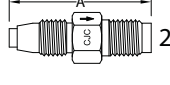
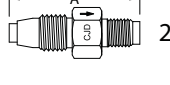
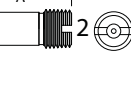
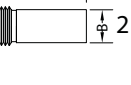
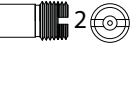
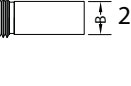
	COUPLING	THREADS		BDI	ISO	DIMENSIONS		DRAWINGS
				PART#		A	B	
	FS-M	Female (1)	Male (2)					
		1/8NPT	1/8NPT	B6571		2.09"	.625"	
	FS-F	Female (1)	Female (2)			A	B	
		1/8NPT	1/8NPT	B6576		2.09"	.625"	
		1/4NPT	1/4NPT	U43521	7241-1B	2.80"	.75"	
		3/8NPT	3/8NPT	U43531	7241-1B	2.80"	.75"	
	MS-M12	Male (1)	Male (2)			A	B	
		1/8NPT	1/8NPT	B6574		2.125"	.625"	
	MS-F	Male (1)	Female (2)			A	B	
		1/8NPT	1/8NPT	B6609		2.125"	.625"	

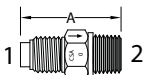
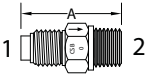
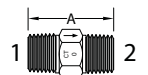
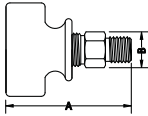
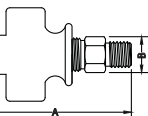
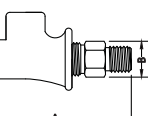
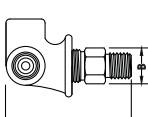
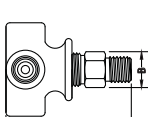
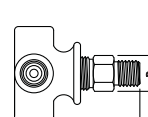
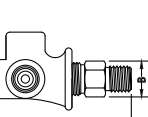
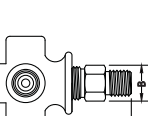
Note: To uncouple quick disconnect coupling, pull knurled sleeve in direction of arrow. To join quick disconnect coupling, push both ends together. An internal check valve prevents flow from line connected on left side, shown above.

	THREAD	BDI	INFORMATION			DIMENSIONS		DRAWINGS
	Female (1)	PART #	CHECK	ISO	USED WITH	A	B	
	1/8NPT	U422AC	ONE-WAY	6150B	U421A, MP	1.906"	.75"	
	1/8NPT	U422A	—	6150B	U421A, MP	1.906"	.75"	
	1/4NPT	UX43521	TWO-WAY	7241-1B	UX43522,TTN,DYN,DYX,BL,AF	2.265"	.88"	
	1/4NPT	U422BC	ONE-WAY	6150B	U422BC/U421B	2.125"	.75"	
	1/4NPT	U422B	—	6150B	U421BC/U421B	2.125"	.75"	
	3/8NPT	U422C	—	6150B	U421CC/U421C	2.187"	.812"	
	1/2NPT	UX43541	TWO-WAY	7241-1B	UX43542	2.937"	1.19"	
	Female (1)					A	B	
	1/4NPT	UX43522	TWO-WAY	7241-1B	UX43521	1.22"	.75"	
	1/2NPT	UX43542	TWO-WAY	7241-1B	UX43541	2.0"	1.125"	
	MALE(1)							
	1/4BSPT	52043	TWO-WAY	7241-1B	TTN	2.22"	.862"	
	Male (1)					A	B	
	1/8NPT	U421A	—	6150B	U422AC/U422A	1.59"	.50"	
	1/4NPT	U421BC	ONE-WAY	6150B	U422BC/U422B	1.75"	.562"	
	1/4NPT	U421B	—	6150B	U422BC/U422B	1.75"	.562"	
	3/8NPT	U421CC	ONE-WAY	6150B	U422CC/U422C	1.75"	.687"	
	3/8NPT	U421C	—	6150B	U422CC/U422C	1.75"	.687"	

METER UNITS	FLOW	BDI PART	THREADS (FLOW→)		DIMENSIONS		DRAWINGS
TYPE	RATE	#	Inlet(1)	Outlet(2)	A	B	
	3/0	17841-3/0	M8X1	1/8BSPT	24MM	10MM	
	00	17841-00					
	0	17841-0					
	1	17841-1					
	2	17841-2					
	3	17841-3					
	4	17841-4	M8X1	M8X1	30.5MM	10MM	
	5	17841-5					
	3/0	15323-3/0					
	00	15323-00					
	0	15323-0					
	1	15323-1					
	2	15323-2	1/8NPT	1/8BSPT	53/64	3/8	
	3	15323-3					
	4	15323-4					
	5	15323-5					
	3/0	B8724					
	00	B8725					
	0	B8452	5/16-24	5/16-24	1-7/32	3/8	
	1	B8726					
	2	B8727					
	3	B8728					
	4	B8729					
	5	B8730					
	3/0	B6548	5/16-24	5/16-24	1-7/32	3/8	
	00	B2494					
	0	B2495					
	1	B2496					
	2	B2497					
	3	B2498					
	4	B2499	5/16-24	1/4-28	1-1/8	5/16	
	5	B2500					
	3/0	B7267					
	00	B3314					
	0	B3315					
	1	B3316					
	2	B3317	—	1/8NPT	29/32	9/32	
	3	B3318					
	4	B3319					
	5	B3320					
	3/0	B6085					
	00	B3773					
	0	B3774	1/8NPT	—	29/32	9/32	
	1	B3775					
	2	B3776					
	3	B3777					
	4	B3778					
	5	B3779					
	3/0	B7271	—	1/8BSPT	29/32	9/32	
	00	B3913					
	0	B3914					
	1	B3915					
	2	B3916					
	3	B3917					
	4	B3918	1/8NPT	—	29/32	9/32	
	5	B3919					
	3/0	B7273					
	00	B3980					
	0	B3981					
	1	B3982					
	2	B3983	1/8BSPT	—	29/32	9/32	
	3	B3984					
	4	B3985					
	5	B3986					
	3/0	B8878					
	00	B8870					
	0	B8871	1/8NPT	5/16-24	1	3/8	
	1	B8872					
	2	B8873					
	3	B8874					
	4	B8875					
	5	B8876					
	3/0	B8868	5/16-24	1/8NPT	61/64	3/8	
	00	B8860					
	0	B8861					
	1	B8862					
	2	B8863					
	3	B8864					
	4	B8865	5/16-24	1/8BSPT	61/64	3/8	
	5	B8866					
	3/0	B7265					
	00	B2559					
	0	B3215					
	1	B3216					

METER UNITS	FLOW	BDI PART	THREADS (FLOW→)		DIMENSIONS			DRAWINGS
TYPE	RATE	#	Inlet(1)	Outlet(2)	A	B	C	
FT 	3/0	B6529	1/8NPT	1/8NPT	53/64	3/8	-	
	00	B1398						
	0	B1112						
	1	B1113						
	2	B1114						
	3	B1115						
FTA 	4	B1116	5/16-24(2)	1/8NPT	1-3/8	3/8	1-1/8	
	5	B1117						
	3/0	B6549						
	00	B1524						
	0	B1071						
	1	B1072						
FTB 	2	B1073	5/16-24(3)	1/8NPT	1-3/4	3/8	1-1/8	
	3	B1074						
	4	B1075						
	5	B1076						
	3/0	B6550						
	00	B1528						
FTC 	0	B1077	5/16-24(2)	1/8NPT	1-3/4	3/8	15/16	
	1	B1078						
	2	B1079						
	3	B1080						
	4	B1081						
	5	B1082						
FTD 	3/0	B6551	5/16-24(2)	1/8NPT	1-3/8	3/8	15/16	
	00	B1530						
	0	B1098						
	1	B1099						
	2	B1100						
	3	B1101						
FTG 	4	B1102	5/16-24(3)	1/8NPT	1-3/8	3/8	1-1/8	
	5	B1103						
	3/0	B6552						
	00	B1532						
	0	B1106						
	1	B1107						
FTH 	2	B1108	5/16-24(4)	1/8NPT	1-3/8	3/8	1-1/8	
	3	B1109						
	4	B1110						
	5	B1111						
	3/0	B6553						
	00	B2759						
FTK 	0	B2760	5/16-24(3)	1/8NPT	1-3/8	3/8	15/16	
	1	B2761						
	2	B2762						
	3	B2763						
	4	B2764						
	5	B2765						
FTL 	3/0	B6554	5/16-24(4)	1/8NPT	1-3/8	3/8	1-1/8	
	00	B2769						
	0	B2770						
	1	B2771						
	2	B2772						
	3	B2773						
QJB 	4	B2774	5/16-24	PTC	41.8MM	10MM	-	
	5	B2775						
	3/0	B6555						
	00	B4128						
	0	B4129						
	1	B4130						
QSA 	2	B4131	5/16-24(3)	1/8NPT	1-3/4	3/8	15/16	
	3	B4132						
	4	B4133						
	5	B4134						
	3/0	B6556						
	00	B4368						
QSB 	0	B4369	5/16-24(4)	1/8NPT	1-3/4	3/8	1-1/8	
	1	B4370						
	2	B4371						
	3	B4372						
	4	B4373						
	5	B4374						
QMB 	3/0	QJB-3/0	5/16-24	PTC	41.8MM	10MM	-	
	00	QJB-00						
	0	QJB-0						
	1	QJB-1						
	2	QJB-2						
	3	QJB-3						
QSB 	4	QJB-4	5/16-24	PTC	41.8MM	10MM	-	
	5	QJB-5						
	3/0	QSA-3/0						
	00	QSA-00						
	0	QSA-0						
	1	QSA-1						
QMB 	2	QSA-2	5/16-24	QC	39MM	10MM	-	
	3	QSA-3						
	4	QSA-4						
	5	QSA-5						
	3/0	QSB-3/0						
	00	QSB-00						
QQB 	0	QSB-0	5/16-24	QC	39MM	10MM	-	
	1	QSB-1						
	2	QSB-2						
	3	QSB-3						
	4	QSB-4						
	5	QSB-5						
QMB 	3/0	QMB-3/0	M8X1	QC	41.8MM	10MM	-	
	00	QMB-00						
	0	QMB-0						
	1	QMB-1						
	2	QMB-2						
	3	QMB-3						
QQB 	4	QMB-4	M8X1	QC	41.8MM	10MM	-	
	5	QMB-5						
	3/0	QQB-3/0						
	00	QQB-00						
	0	QQB-0						
	1	QQB-1						
QQB 	2	QQB-2	5/16-24	QC	52MM	10MM	-	
	3	QQB-3						
	4	QQB-4						
	5	QQB-5						
	3/0	QQB-3/0						
	00	QQB-00						

CONTROL UNITS	FLOW	BDI PART	THREADS (FLOW→)		DIMENSIONS		DRAWINGS
TYPE	RATE	#	Inlet(1)	Outlet(2)	A	B	
CB 	5/0	B8708	1/8NPT	1/8BSPT	53/64	3/8	 1  2
	4/0	B8709					
	3/0	B8710					
	00	B8711					
	0	B8712					
	1	B8713					
	2	B8374					
	3	B8714					
	4	B8715					
	5	B8716					
CF 	5/0	—	1/8NPT	1/8NPT	1-1/32	1/2	 1  2
	4/0	—					
	3/0	—					
	00	—					
	0	—					
	1	—					
	2	—					
	3	B6528					
	4	B6557					
	5	B6584					
CJB 	5/0	B7034	5/16-24	5/16-24	1-7/32	3/8	 1  2
	4/0	B7035					
	3/0	B7036					
	00	B7037					
	0	B7038					
	1	B7039					
	2	B6817					
	3	B6818					
	4	B6819					
	5	B6820					
CJC 	5/0	B7148	5/16-24	5/16-24	1-7/32	3/8	 1  2
	4/0	B7149					
	3/0	B7150					
	00	B7151					
	0	B7152					
	1	B7153					
	2	B6930					
	3	B6931					
	4	B6932					
	5	B6933					
CJD 	5/0	B7164	5/16-24	1/4-28	1-1/8	5/16	 1  2
	4/0	B7165					
	3/0	B7166					
	00	B7167					
	0	B7168					
	1	B7169					
	2	B7170					
	3	B7171					
	4	B7172					
	5	B7173					
CKA 	5/0	B7122	-	1/8NPT	29/32	9/32	 1  2
	4/0	B7123					
	3/0	B7124					
	00	B7125					
	0	B7126					
	1	B7127					
	2	B7128					
	3	B7129					
	4	B7130					
	5	B7131					
CKB 	5/0	B7133	1/8NPT	-	29/32	9/32	 1  2
	4/0	B7134					
	3/0	B7135					
	00	B7136					
	0	B7137					
	1	B7138					
	2	B7139					
	3	B6720					
	4	B7140					
	5	B7141					
CKD 	5/0	26413-5/0	-	1/8BSPT	29/32	9/32	 1  2
	4/0	26413-4/0					
	3/0	26413-3/0					
	00	26413-00					
	0	26413-0					
	1	26413-1					
	2	26413-2					
	3	26413-3					
	4	26413-4					
	5	26413-5					
CKE 	5/0	B9422	1/8BSPT	-	29/32	9/32	 1  2
	4/0	B9423					
	3/0	B9424					
	00	B9425					
	0	B9426					
	1	B9427					
	2	B9428					
	3	B9429					
	4	B9430					
	5	B9431					
CRA 	5/0	B7142	1/8NPT	5/16-24	1	3/8	 1  2
	4/0	B7143					
	3/0	B7144					
	00	B7145					
	0	B7146					
	1	B7147					
	2	B7059					
	3	B7060					
	4	B7061					
	5	B7062					
CRC 	5/0	B7154	1/8NPT	5/16-24	1	3/8	 1  2
	4/0	B7155					
	3/0	B7156					
	00	B7157					
	0	B7158					
	1	B7159					
	2	B7160					
	3	B7161					
	4	B7162					
	5	B7163					

CONTROL UNITS	FLOW	BDI PART	THREADS (FLOW→)		DIMENSIONS			DRAWINGS
TYPE	RATE	#	Inlet(1)	Outlet(2)	A	B	C	
CSA 	5/0	B7022	5/16-24	1/8NPT	61/64	3/8	-	 
	4/0	B7023						
	3/0	B7024						
	00	B7025						
	0	B7026						
	1	B7027						
	2	B6757						
	3	B6758						
	4	B6759						
	5	B6760						
CSB 	5/0	B8700	5/16-24	1/8BSPT	61/64	3/8	-	 
	4/0	B8701						
	3/0	B8702						
	00	B8703						
	0	B8179						
	1	B8704						
	2	B8705						
	3	B8706						
	4	B8707						
	5	B8177						
CT 	5/0	B7028	1/8NPT	1/8NPT	53/64	3/8	-	 
	4/0	B7029						
	3/0	B7030						
	00	B7031						
	0	B7032						
	1	B7033						
	2	B6764						
	3	B6765						
	4	B6766						
	5	B6767						
CTA 	5/0	B7174	5/16-24(2)	1/8NPT	1-3/8	3/8	1-1/8	 
	4/0	B7175						
	3/0	B7176						
	00	B7177						
	0	B7178						
	1	B7179						
	2	B6775						
	3	B6776						
	4	B6777						
	5	B6778						
CTB 	5/0	B7192	5/16-24(3)	1/8NPT	1-3/4	3/8	1-1/8	 
	4/0	B7193						
	3/0	B7194						
	00	B7195						
	0	B7196						
	1	B7197						
	2	B7198						
	3	B7199						
	4	B7200						
	5	B7201						
CTC 	5/0	B7186	5/16-24(2)	1/8NPT	1-3/4	3/8	151/6	 
	4/0	B7187						
	3/0	B7188						
	00	B7189						
	0	B7196						
	1	B7197						
	2	B6779						
	3	B6780						
	4	B6781						
	5	B6782						
CTD 	5/0	B7180	5/16-24(2)	1/8NPT	1-3/8	3/8	15/16	 
	4/0	B7181						
	3/0	B7182						
	00	B7183						
	0	B7184						
	1	B7185						
	2	B6783						
	3	B6784						
	4	B6785						
	5	B6786						
CTG 	5/0	B7212	5/16-24(3)	1/8NPT	1-3/8	3/8	1-1/8	 
	4/0	B7213						
	3/0	B7214						
	00	B7215						
	0	B7216						
	1	B7217						
	2	B6787						
	3	B6788						
	4	B6789						
	5	B6790						
CTH 	5/0	B7218	5/16-24(4)	1/8NPT	1-3/8	3/8	1-1/8	 
	4/0	B7219						
	3/0	B7220						
	00	B7221						
	0	B7222						
	1	B7223						
	2	B7224						
	3	B7225						
	4	B7226						
	5	B7227						
CTK 	5/0	B7202	5/16-24(3)	1/8NPT	1-3/4	3/8	15/16	 
	4/0	B7203						
	3/0	B7204						
	00	B7205						
	0	B7206						
	1	B7207						
	2	B7208						
	3	B7209						
	4	B7210						
	5	B7211						
CTL 	5/0	B7228	5/16-24(4)	1/8NPT	1-3/4	3/8	1-1/8	 
	4/0	B7229						
	3/0	B7230						
	00	B7231						
	0	B7232						
	1	B7233						
	2	B7234						
	3	B7235						
	4	B7236						
	5	B7237						

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