

## SUMMARY

### Reasons to Use Teekay Pipe Couplings

- Permanent pipe joining system for virtually all pipe materials
- Wide range of corrosion resistant materials to suit most applications
- Quick and easy to install
- Virtually no pipe preparation required
- No loose parts - ready assembled and pre-set for use
- No special tools required (couplings are tightened with a torque wrench)
- No special health and safety requirements
- Non standard sizes are available at no extra premium
- Comprehensive product range

### Installation Advantages of Teekay Pipe Couplings

- Lighter in weight
- Wider tolerance on pipe diameter
- Accommodate pipe ovality
- Do not crush thin wall or plastic or soft metallic pipe materials
- More tolerance on pipe installation
- Pipes can be placed closer together
- Pipes can be placed closer to walls, ceilings and corners
- No welding or hot working
- Do not require NDT after installation
- Perfect for areas of limited access
- Streamlined and easy to wrap or insulate
- They are re-usable

### Build Quality of Teekay Pipe Couplings

- No spot welds on tensioned components
- Two screws throughout the range
- All tensioning bars are solid steel
- No galvanic corrosion between dissimilar materials
- All couplings are 100% rubber lined
- Anchor teeth protected against external corrosion
- Non corroding rubber central register available
- Fire sleeves are integrated internal components, permanent and maintenance free
- All welds are thoroughly cleaned and passivated
- Threads are free of grease
- Highest quality certificated raw materials with full traceability
- Couplings are individually bagged

## Approvals Summary

	LLOYD'S	GL	DNV	RINA	ABS	BV	DTP
Air Conditioning			•				
Ballast	•	•	•	•	•	•	•
Bilge	•	•	•	•	•	•	•
Brine				•	•		
Cable Ducting	•				•		•
Cargo Oil	•	•	•	•	•		
Compressed Air	•		•	•			•
Condensate Return	•			•			•
Cooling Water	•	•	•	•	•	•	•
Fire and Washdeck	•	•	•	•	•	•	•
Fresh Water	•	•	•	•	•	•	•
Fuel Oil/Lube Oil Transfer	•	•	•	•	•	•	
Fuel Lines inside Machinery Space*	•			•			
Inert Gas	•	•	•	•	•		•
Sanitary Piping	•	•	•	•	•	•	•
Scupper and Discharge	•	•	•	•	•	•	•
Seawater	•	•	•	•	•	•	•
Sounding Pipes	•	•	•	•	•	•	•

\* Axilock FP

Approved but not included in the above listing

BWB  
US Coast Guard  
Register of Shipping  
Polish Register  
VdS

This quick guide is for general information only.

The responsibility for checking specific applications and/or limitations lies with the installer.

For full details and further particulars of our Approvals please refer to our Approvals Book.



## AXILOCK S DIMENSIONAL DETAILS

PIPE DETAILS				COUPLING PERFORMANCE			COUPLING GEOMETRY			INSTALLATION			HANDLING	
SIZE ND	SIZE NB	OUTSIDE DIAMETER	O.D. TOLERANCE	WORKING PRESSURE	AXIAL PULL	COUPLING WIDTH	DIMENSION A	DIMENSION B	DIMENSION C	SCREW SIZE	SOCKET HEAD	TORQUE	WEIGHT	BOX QTY
MM	INCHES	MM	MM	BARs	N	MM	MM	MM	MM	A/F	MM	N/M	KG	12
32	1 3/4	38	37/39	16	14069	65	38	70	118	M8	6	20	0.42	12
32	1 3/4	42.4	41.4/43.4	16	16950	65	63	75	122	M8	6	20	0.43	12
40	1 1/2	44.5	43.5/45.5	16	18360	65	65	77	124	M8	6	20	0.45	12
40	1 1/2	48.3	47.3/49.3	16	21263	65	69	81	128	M8	6	20	0.47	12
50	2	57	56/58	16	27570	85	80	93	135	M8	6	25	0.85	12
50	2	60.3	59/62	16	30855	85	82	95	136	M8	6	25	0.87	12
50	2	63	62/65	16	32432	85	85	102	138	M8	6	30	0.90	12
50	2	67	66/69	16	35271	85	89	106	140	M8	6	30	0.90	12
50	2	70	69/72	16	36575	85	92	109	142	M8	6	30	0.91	12
65	2 1/2	73	72/75	16	35590	85	95	112	144	M8	6	30	0.93	12
65	2 1/2	76.1	75/78	16	37312	85	98	115	146	M8	6	30	0.95	12
65	2 1/2	82.5	81.5/84.5	16	43317	85	105	122	149	M8	6	30	1.00	12
80	3	88.9	88/91	16	44352	85	110	127	152	M8	6	30	1.05	12
80	3	98	97/100	16	59613	85	120	137	159	M8	6	30	1.25	12
90	3 1/2	101.6	100.5/103.5	16	63263	85	124	141	162	M8	6	30	1.28	12
100	4	108	107/110	16	69651	85	130	147	175	M8	6	30	1.35	12
100	4	110	109/112	16	72254	85	132	149	180	M8	6	30	1.41	12
100	4	114.3	113/116	16	76987	85	136	153	185	M8	6	45	1.50	12
100	4	118	117/120	16	79864	85	140	157	192	M8	6	45	1.58	8
100	4	120.7	119.5/122.5	16	81271	85	143	160	193	M8	6	45	1.63	8
100	4	127	126/129	16	87442	85	149	166	198	M8	6	45	1.75	8
125	5	133	132/135	16	94510	110	157	184	223	M12	10	60	2.46	4
125	5	139.7	139/142	16	101205	110	164	191	230	M12	10	60	2.65	4
125	5	141.3	140.5/143.5	13	101968	110	166	193	233	M12	10	70	2.80	4
125	5	144	143/146	13	104272	110	168	195	236	M12	10	70	2.90	4
150	6	159	158/161	13	117195	110	183	210	249	M12	10	85	3.15	4
150	6	165	164/167	13	124068	110	189	216	255	M12	10	85	3.25	4
150	6	168.3	167/170	13	126855	110	192	219	258	M12	10	85	3.40	4
150	6	170	169/172	13	129431	110	194	221	260	M12	10	85	3.41	4

### NOTES

The above table is a guide to the most common sizes. Couplings to suit specific outside diameters not listed above may be manufactured to order. Please contact us for details.

- ♦ WORKING PRESSURE Test is 1.5 times working figure. Minimum burst is 4 times working figure. Figures are based on typical values for standard wall carbon steel pipe.
- ◇ TORQUES The torque ratings listed above are for general purpose use on standard wall carbon steel pipe. Ratings may be altered up or down by the manufacturer.

