

TYTON JOINT Dimensions

millimetres

Nominal Size DN	Dimensions								
	a_1	a_2	b	c	d	e	f_1	f_2	$u \text{ min}$
100	174.0	170	145.8	143.2	124.7	20	89	89	9.0
150	230.6	227	201.2	198.6	180.1	25	89	89	9.8
200	293.3	286	258.4	255.8	235.2	30	102	113	10.6
225	322.0	314	285.3	282.7	262.1	30	102	117	11.0
250	349.1	341	312.2	309.6	289.0	30	102	123	11.3
300	408.4	402	371.6	369.0	348.4	30	102	123	12.2
375	503.6	497	463.2	460.6	430.2	35	127	170	13.5
450	585.6	579	544.0	541.4	511.0	35	127	127	14.6
500	640.8	634	597.3	594.7	564.3	35	127	127	15.3
600	751.4	744	704.0	701.4	671.0	35	127	127	16.8
750	921.0	913	873.0	866.4	830.0	40	157	157	19.1

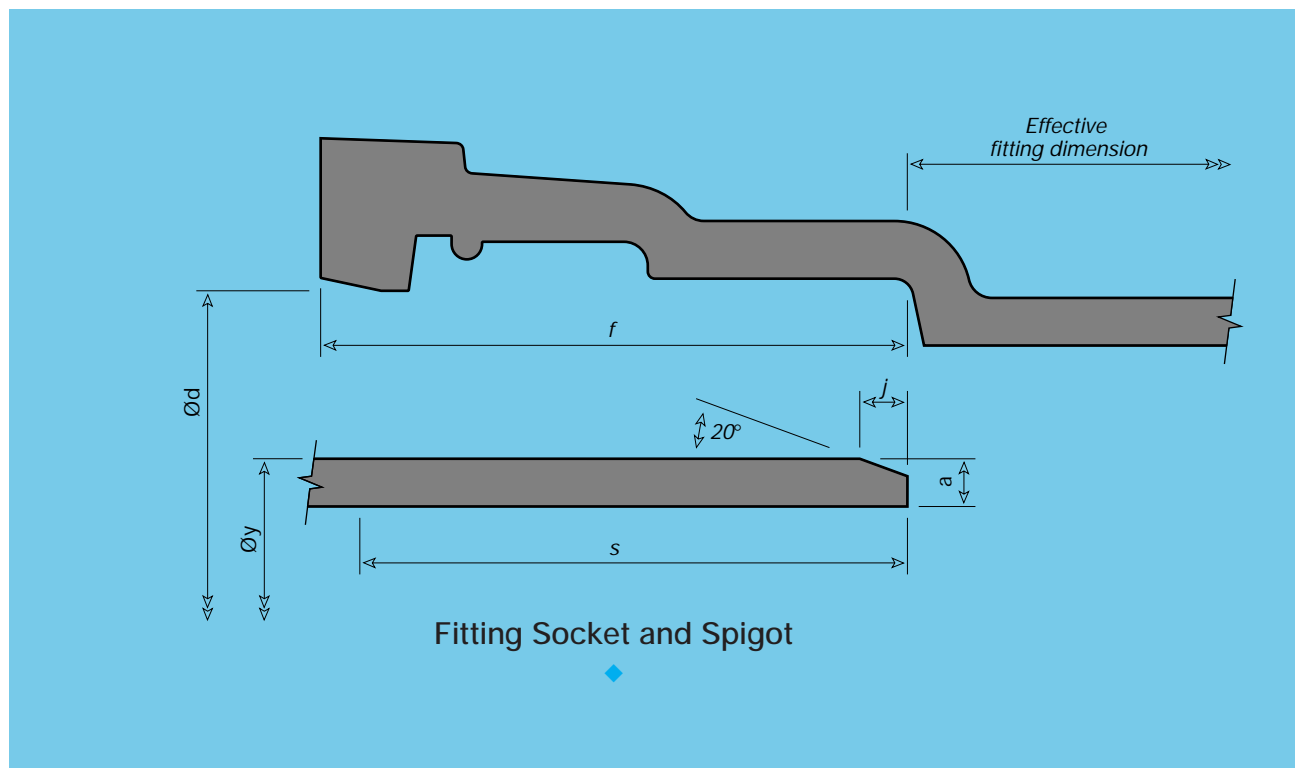
TYTON JOINT pipes can be supplied with 'deep entry' socket profiles for use in applications where additional spigot withdrawal is required, e.g., in areas affected by mine subsidence. Contact your regional Tyco Water Marketing Office for further details.

TYTON JOINT Pipeline Fittings

TYTON JOINT pipeline fitting dimensions shown are in accordance with AS/NZS 2280.

Double socketted fittings are normally used in TYTON JOINT pipelines.

Spigotted fittings may be used in some applications, although their use is mainly limited to fittings installed into pipelines after construction, where existing pipes are cut and connected to the fitting using pipe couplings.



Test and Operating Pressures

Works hydrostatic leak tightness test pressures for fittings are shown on page 2-5

Recommended allowable pressures for TYTON ductile iron fittings are equivalent to those recommended for K12 TYTON pipe in the corresponding nominal sizes.

Recommended allowable pressures for flanged fittings are limited to the pressure rating of the flanges.

Flange Class	Allowable Operating Pressure	Allowable Maximum Operating Pressure	Allowable Site Test Pressure
	MPa	MPa	MPa
16	1.6	1.9	2.4
35	3.5	4.2	4.7

TYTON JOINT Fitting Dimensions

Refer also page 2-16.

Nominal Dimensions

DN	a	d	f	j	s	y
100	8	124.7	89	10	102	122
150	9	180.1	89	10	102	177
200	10	235.2	113	10	115	232
225	10	262.1	117	10	115	259
250	10	289.0	123	10	115	286
300	11	348.4	123	10	115	345
375	12	430.2	170	16	140	426
450	13	511.0	127	16	140	507
500	14	564.3	127	16	140	560
600	15	671.0	127	16	140	667
750	18	830.0	157	20	170	826