

Thread Size d		M6	M8	M10 1/8	M12	1/4	M14	M16	3/8	M18	M20	1/2	M22	M24	
P	Pitch	1	1	1	1.5	-	1.5	1.5	-	1.5	1.5	-	1.5	1.5	
	Pitch	-	-	-	-	-	-	-	-	-	-	-	-	-	
d	Pipe threadR	-	-	R 1/8	-	R 1/4	-	-	R 3/8	-	-	R 1/2	-	-	
L	Nominal Size (s16)	6	8	8	10	10	10	10	10	10	10	10	10	12	
	max	6.375	8.45	8.45	10.45	10.45	10.45	10.45	10.45	10.45	10.45	10.45	10.45	12.55	
	min	5.625	7.55	7.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	11.45	
e	min	3.443	4.583	5.723	6.863	8.009	8.009	9.149	9.149	9.149	11.429	11.429	11.429	13.716	
s	Nominal Size (D12)	3	4	5	6	7	7	8	8	8	10	10	10	12	
	max	3.08	4.095	5.14	6.14	7.175	7.175	8.175	8.175	8.175	10.175	10.175	10.175	12.212	
	min	3.02	4.02	5.02	6.02	7.025	7.025	8.025	8.025	8.025	10.025	10.025	10.025	12.032	
t ₁	min	3	4	4	5	5	5	5	5	5	5	5	5	6	
Socket No.	according to DIN EN ISO 10664	-	25	30	40	40	45	50	50	50	55	55	55	60	
A	according to DIN EN ISO 10664	-	4.5	5.6	6.75	6.75	7.93	8.95	8.95	8.95	11.35	11.35	11.35	13.45	
B	according to DIN EN ISO 10664	-	3.25	4.05	4.85	4.85	5.64	6.45	6.45	6.45	8.05	8.05	8.05	9.6	
t ₂	min	-	2	2.5	2.7	2.7	2.9	3.7	3.7	3.7	4.6	4.6	5.4	6.4	
Socket No.	according to DIN 34824	-	N5	N6	N8	N8	N8	N10	N10	N10	N12	N12	N14	N16	
c	according to DIN 34824	min	-	4.86	6.06	7.28	7.28	7.28	9.69	9.69	9.69	11.51	11.51	13.32	15.73
		max	-	4.94	6.16	7.4	7.4	7.4	9.84	9.84	9.84	11.7	11.7	13.54	15.99
t ₃	min	-	2	2.5	2.9	2.9	2.9	3.7	3.7	3.7	4.6	4.6	5.4	6.4	
w	min	1.8	1.8	1.8	2	2	2	2	2	2	2	2	2	2	
per 1000 units≈kg		0.85	2.1	3.4	6.1	7	8.1	11	12.2	14.6	17.6	19	22	30.8	

①,e min ≈ 1.14 s min

②,DIN 158-1: Metric external taper screw thread and mating internal parallel screw threads

DIN 3858 : Whitworth pipe threads for pipe unions - Parallel internal thread and taper external thread

Thread Size		M26	M27 3/4	M30	M33 1	M36	M38	M39	M42 1-1/4	M45	M48 1-1/2	M52	M56	M60
P	Pitch	1.5	-	1.5	-	1.5	1.5	-	1.5	1.5	1.5	1.5	-	-
	Pitch	-	2	2	2	2	-	2	2	2	2	2	2	2
d	Pipe thread R	-	R 3/4	-	R 1	-	-	-	R 1-1/4	-	R 1-1/2	-	-	-
L	Nominal Size (s16)	12	12	12	12	15	15	15	18	18	20	20	22	22
	max	12.55	12.55	12.55	12.55	15.55	15.55	15.55	18.55	18.55	20.65	20.65	22.65	22.65
	min	11.45	11.45	11.45	11.45	14.45	14.45	14.45	17.45	17.45	19.35	19.35	21.35	21.35
e	min	13.716	13.716	19.437	19.437	21.734	21.734	21.734	25.154	25.154	27.434	27.434	36.571	36.571
s	Nominal Size (D12)	12	12	17	17	19	19	19	22	22	24	24	32	32
	max	12.212	12.212	17.23	17.23	19.275	19.275	19.275	22.275	22.275	24.275	24.275	32.33	32.33
	min	12.032	12.032	17.05	17.05	19.065	19.065	19.065	22.065	22.065	24.065	24.065	32.08	32.08
t₁	min	6	6	6	6	7.5	7.5	7.5	11.5	11.5	11.5	11.5	13	13
Socket No.	according to DIN EN ISO 10664	60	60	80	80	-	-	-	-	-	-	-	-	-
A	according to DIN EN ISO 10664	13.45	13.45	17.75	17.75	-	-	-	-	-	-	-	-	-
B	according to DIN EN ISO 10664	9.6	9.6	12.8	12.8	-	-	-	-	-	-	-	-	-
t₂	min	6.4	6.4	7.3	7.3	-	-	-	-	-	-	-	-	-
Socket No.	according to DIN 34824	N16	N16	N18	N18	-	-	-	-	-	-	-	-	-
c	according to DIN 34824	min	15.73	15.73	16.94	16.94	-	-	-	-	-	-	-	-
		max	15.99	15.99	17.18	17.18	-	-	-	-	-	-	-	-
t₃	min	6.4	6.4	7.3	7.3	-	-	-	-	-	-	-	-	-
w	min	2	2	2	2	3	3	3	3	3	4	4	4	4
per 1000 units≈kg		38.60	40.20	44.00	57.50	85.20	94.40	103.00	135.00	167.00	214.00	253.00	274.00	350.00

①,e min ≈ 1.14 s min

②,DIN 158-1: Metric external taper screw thread and mating internal parallel screw threads

DIN 3858 : Whitworth pipe threads for pipe unions - Parallel internal thread and taper external thread