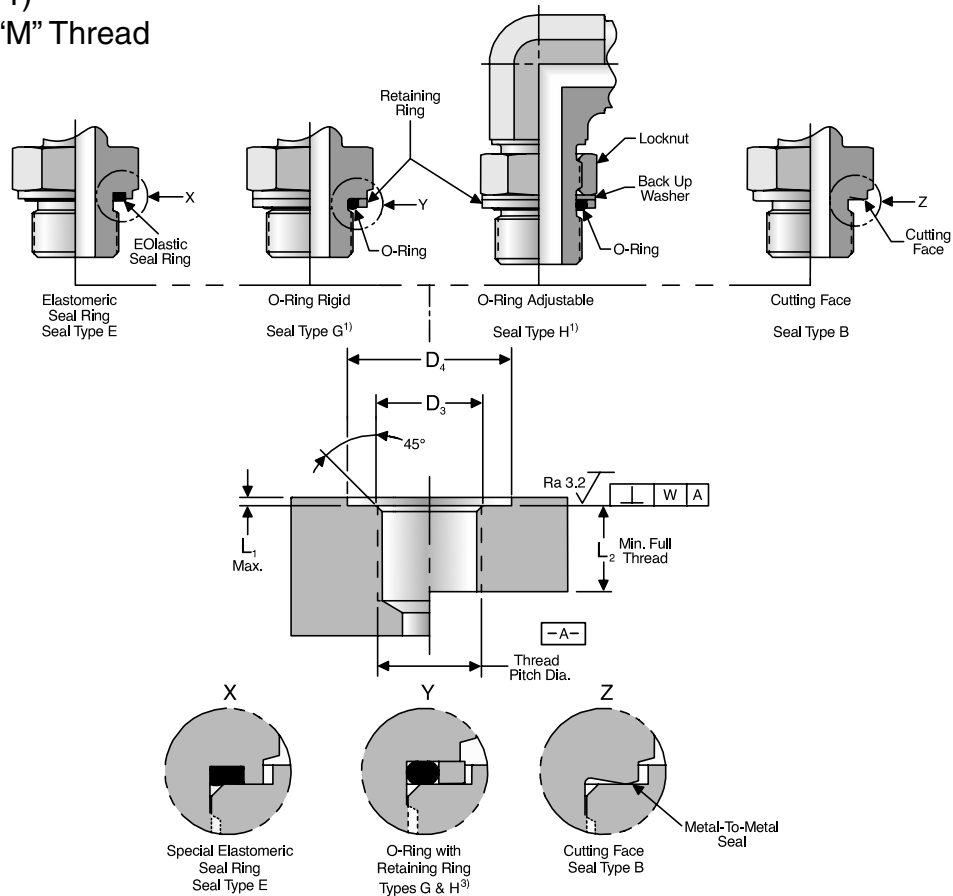




ISO 9974-1 — Flat Face Port with Metric Threads

(DIN 3852, Part 1)
Metric ISO261, "M" Thread



(See Note 1)

ISO 9974 Port seal types available from Parker

Thread Size (ISO 261)	D 3 (mm)	D 4 (mm)	L 1 max. (mm)	L 2 min. (mm)	W (mm)	Elastic Seal (Type E)	O-ring and Retaining Ring¹)		
						Part no.	O-ring Size²)	O-ring ID x section (mm)	Retaining Ring Part No.
M8 x 1	8 +0.2	13	1	8		ED8X1X	3-902	6.07 x 1.63	M8 RR
M10 x 1	10 +0.2	15	1	8		ED10X1X	6-074	8.00 x 1.50	M10 RR
M12 x 1.5	12 +0.2	18	1.5	12		ED12X1.5X	2-012	9.25 x 1.78	M12 RR
M14 x 1.5	14 +0.2	20	1.5	12	0.1	ED14X1.5X	2-013	10.82 x 1.78	M14 RR
M16 x 1.5	16 +0.2	23	1.5	12		ED16X1.5X	3-907	13.46 x 2.08	M16 RR
M18 x 1.5	18 +0.2	25	2	12		ED18X1.5XX	2-114	15.54 x 2.62	M18 RR
M20 x 1.5³)	20 +0.2	27	2	14		ED20X1.5X	2-017	17.17 x 1.78	M20 RR
M22 x 1.5	22 +0.2	28	2.5	14		ED22X1.5X	2-018	18.77 x 1.78	M22 RR
M24 x 1.5⁴)	26 +0.2	30	2.5	14		—	2-019	20.35 x 1.78	M24 RR
M26 x 1.5	26 +0.2	33	2.5	16		ED26X1.5X	2-118	21.89 x 2.62	M26 RR
M27 x 2	27 +0.2	33	2.5	16		ED26X1.5X	2-119	23.47 x 2.62	M27 RR
M33 x 2	33 +0.3	41	2.5	18	0.2	ED33X2X	2-122	28.24 x 2.62	M33 RR
M36 x 2⁴)	36 +0.3	43	2.5	18		—	2-124	31.42 x 2.62	M36 RR
M42 x 2	42 +0.3	51	2.5	20		ED42X2X	2-128	37.77 x 2.62	M42 RR
M45 x 2⁴)	45 +0.3	50	2.5	20		—	2-130	40.94 x 2.62	M45 RR
M48 x 2	48 +0.3	56	2.5	22		ED48X2X	2-132	44.12 x 2.62	M48 RR

Table U21 — Port Detail — ISO 9974-1

- 1) Seal types G and H are not covered in ISO 9974-1. See page O4 for retaining ring and O-ring ordering information.
- 2) 90 durometer nitrile is standard for hydraulic applications.
- 3) For diagnostic applications.
- 4) These sizes are not covered in ISO 9974-1.

Dimensions and pressures for reference only, subject to change.