

The same male used with a metal Bonded Seal will mate with a DIN 3852-1 metric threaded port with spotface.

The DIN male 24° internal cone seat will seal with flareless female swivel fittings. These female fittings use either a spherical nose (DKL/DKS) or an O Ring seal (DKOL/DKOS) located on their outward facing 24° cone. Female DKL sizes up to and including M26 have a universal 24°/60° cone and can be used in place of female DKM fittings with 60° cone.

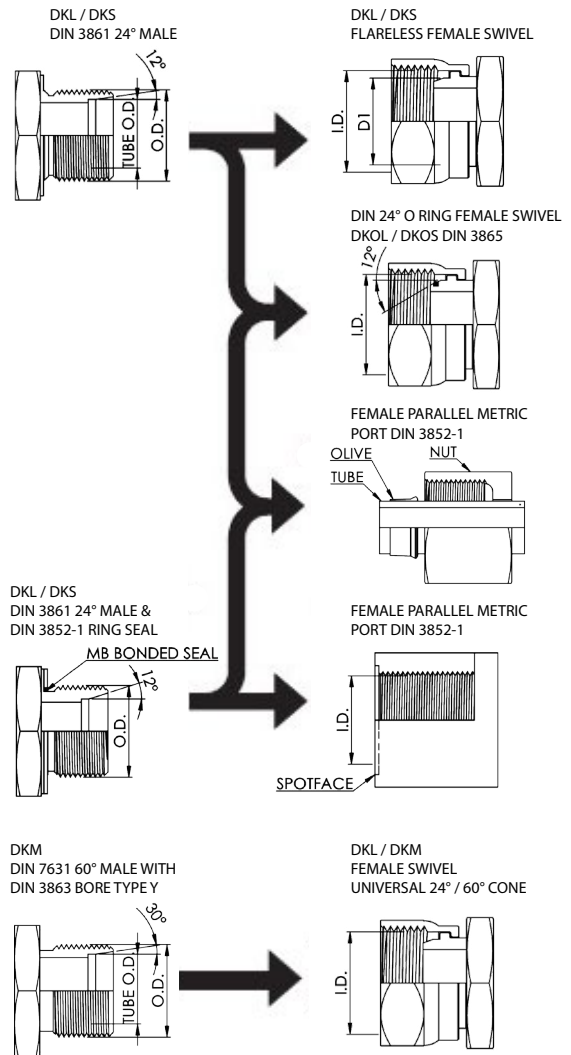
BSPP O Ring male connector has straight threads and O Ring with metal Retaining Ring. It seals against flat external surface of BSPP female port.

BSPP male, with chamfer to locate Bonded Seal also seals against flat external surface of BSPP female port.

Surface irregularities require a Spot Face to ensure effective sealing. Elbows and tees have Lock Nut to allow orientation of fitting to required direction.

The same male also mates with the DIN system Metric Tube, Tube Nut and Compression Olive (Cutting Ring). Tightening of the female nut compresses the olive causing it to cut into the tube, thereby forming a seal between the tube, olive and 24° male cone.

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DKM 60° CONE SEAT

The DIN male 60° internal cone seat will mate with DKL/DKM female universal 24°/60° cone fittings up to and including size M26 and DKM female 60° cone fittings from size M30 up.

MALE THREAD O.D. & PITCH	FEMALE THREAD I.D.	* LIGHT SERIES - DKL/DKOL				HEAVY SERIES - DKS/DKOS			
		DASH SIZE	TUBE O.D.	D1 DIA	D2 DIA	DASH SIZE	TUBE O.D.	D1 DIA	D2 DIA
mm	mm		mm	mm	mm		mm	mm	mm
M12 x 1.5	10.5	-1215*	6	7.5	6.3	-	-	-	-
M14 x 1.5	12.5	-1415*	8	9.5	8.2	-1415	6	7.5	6.3
M16 x 1.5	14.5	-1615*	10	11.5	10.2	-1615	8	9.5	7.9
M18 x 1.5	16.5	-1815*	12	14.0	12.2	-1815	10	12.0	10.0
M20 x 1.5	18.5	-	-	-	-	-2015	12	14.0	12.0
M22 x 1.5	20.5	-2215*	15	17.0	15.2	-2215	14	16.0	14.2
M24 x 1.5	22.5	-	-	-	-	-2415	16	18.0	15.8
M26 x 1.5	24.5	-2615*	18	20.0	18.2	-	-	-	-
M30 x 2.0	28.0	-3020	22	24.5	22.2	-3020	20	22.5	19.8
M36 x 2.0	34.0	-3620	28	30.5	28.2	-3620	25	27.5	24.5
M42 x 2.0	40.0	-	-	-	-	-4220	30	33.0	30.0
M45 x 2.0	43.0	-4520	35	38.0	35.4	-	-	-	-
M52 x 2.0	50.0	-5220	42	45.0	42.4	-5220	38	41.0	36.8