

HOSE COUPLINGS

STEP 1: Download the Kramp App
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Metric thread			LL/L			Cutting ring couplings S				
Thread	Inner diameter d (mm)	Outside diameter D (mm)	D	Serie	RA (mm)	SW (mm)	D	Serie	RA (mm)	SW (mm)
M8 x 1	6,9	8,0	M6 x 1	4LL	4	10	M14 x 1,5	65	6	17
M10 x 1	8,9	10,0	M10 x 1	6LL	6	12	M18 x 1,5	85	8	19
M12 x 1	10,9	12,0	M12 x 1	8LL	8	14	M18 x 1,5	105	10	22
M12 x 1,5	10,5	12,0	M14 x 1	10LL	10	17	M20 x 1,5	125	12	24
M14 x 1,5	12,5	14,0	M16 x 1	12LL	12	19	M22 x 1,5	145	14	27
M16 x 1,5	14,5	16,0	M12 x 1,5	6L	6	14	M24 x 1,5	165	16	30
M18 x 1,5	16,5	18,0	M14 x 1,5	8L	8	17	M30 x 2,0	205	20	36
M20 x 1,5	18,5	20,0	M16 x 1,5	10L	10	19	M36 x 2,0	255	25	46
M22 x 1,5	20,5	22,0	M18 x 1,5	12L	12	22	M42 x 2,0	305	30	50
M24 x 1,5	22,5	24,0	M22 x 1,5	15L	15	27	M52 x 2,0	385	38	60
M26 x 1,5	24,5	26,0	M26 x 1,5	18L	18	32				
M30 x 2,0	27,9	30,0	M27 x 2	TGL	18	32				
M36 x 2,0	33,9	36,0	M30 x 2,0	22L	22	36				
M42 x 2,0	39,9	42,0	M36 x 2,0	28L	28	41				
M45 x 2,0	42,9	45,0	M45 x 2,0	35L	35	50				
M52 x 2,0	49,9	52,0	M52 x 2,0	42L	42	60				

BSP thread				NPT thread				UNF thread (JIC)			
Thread	Inner diameter d (mm)	Outside diameter D (mm)	Jumper thread	Thread	Outside diameter D (mm)	Jumper thread		Thread	Inner diameter d (mm)	Outside diameter D (mm)	Jumper thread
1/8"	8,6	9,7	28	1/8"	10,3	27		5/16"	6,9	7,8	24
1/4"	11,5	13,2	19	1/4"	13,7	18		3/8"	8,5	9,4	24
3/8"	15,0	16,7	19	3/8"	17,2	18		7/16"	9,9	11,2	20
1/2"	18,6	21,0	14	1/2"	21,3	14		1/2"	11,5	12,6	20
5/8"	20,6	22,9	14	3/4"	26,7	14		9/16"	12,9	14,1	18
3/4"	24,1	26,4	14	1"	33,4	11		5/8"	14,5	15,7	18
1"	30,3	33,3	11	1 1/4"	42,2	11		3/4"	17,5	18,9	16
1 1/4"	39,0	41,9	11	1 1/2"	48,3	11		7/8"	20,5	22,1	14
1 1/2"	44,9	47,8	11	2"	60,3	11		1 1/16"	24,9	26,9	12
2"	56,4	59,5	11	2 1/2"	73,0	8		1 3/16"	28,1	30,0	12
2 1/2"	72,7	75,2	11	3"	88,9	8		1 5/16"	31,3	33,1	12
3"	84,9	87,9	11					1 5/8"	39,2	41,1	12
								1 7/8"	45,6	47,4	12
								2 1/2"	61,4	63,3	12

UNF thread (ORFS)				SAE 3000 PSI flange				SAE 6000 PSI flange					
Thread	Inner diameter d (mm)	Outside diameter D (mm)	Jumper thread	Flange	A (mm)	B (mm)	C (mm)	E (mm)	Flange	A (mm)	B (mm)	C (mm)	E (mm)
9/16"	12,9	14,1	18	1/2"	38,1	17,5	30,2	6,7	1/2"	40,5	18,2	31,8	7,8
11/16"	15,9	17,3	16	3/4"	47,6	22,2	38,1	6,7	3/4"	50,8	23,8	41,3	8,8
13/16"	19,1	20,5	16	1"	52,4	26,2	44,5	8,0	1"	57,2	27,8	47,6	9,5
1"	23,6	25,2	14	1 1/4"	58,7	30,2	50,8	8,0	1 1/4"	66,7	31,8	54,0	10,3
1 3/16"	28,1	30,0	12	1 1/2"	69,9	35,7	60,3	8,0	1 1/2"	79,4	36,5	63,5	12,6
1 7/16"	34,4	36,3	12	2"	77,8	42,9	71,4	9,5	2"	96,8	44,5	79,4	12,6
1 11/16"	40,8	42,7	12	2 1/2"	88,9	50,8	84,1	9,5	CAT flange				
2"	48,7	50,6	12	3"	106,4	61,9	101,6	9,5	3/4"	50,8	23,8	41,3	14,2
				3 1/2"	120,7	69,9	114,3	11,2	1"	57,2	27,8	47,6	14,2
				4"	130,2	77,8	127,0	11,2	1 1/4"	66,7	31,8	54,0	14,2
				5"	152,4	92,1	152,4	11,2	1 1/2"	79,4	36,5	63,5	14,2
									2"	96,8	44,5	79,4	14,2

Use the colour legend and find the products in your rack

Quick release connectors	SAE 3000 PSI Flanch + insert
BSP (PFK, PNV, PVF, PNT, PQB)	SAE 6000 PSI Flanch + insert
HD water couplings	UNF/JIC
Metric L/S series (PQM, PRF, PGK, PT, PU,DKL)	Converters
NPT	PSVB
ORFS	

Couplings for high pressure hoses (standard 1-2 layers)

Type PGL 60° Outer cone; light series	Type PGL0 24° Outer cone; O-ring; light series	Type PGSO 24° Outer cone; heavy series	Type PR 24° Inner cone; light series	Type PS 24° Inner cone; heavy series	Type PKG 60° inner cone
Version: 0°, 45°, 90°	Version: 0°, 45°, 90°	Version: 0°, 45°, 90°	Version: 0°	Version: 0°	Version: 0°, 45°, 90°
DIN type: DKL	DIN type: DKOL	DIN type: DKOS	DIN type: CEL	DIN type: CES	DIN type: DKK

Couplings for high pressure hoses (standard 1-2 layers)

Type PQM Banjo Insert	Type PGF 24° Outer cone, French, light series	Type PRF 24° Inner cone, French, light series	Type PT Pipe end, light series	Type PU Pipe end, heavy series	Type PF 60° Outer cone with O-ring
Version: 0°	Version: 0°, 45°, 90°	Version: 0°	Version: 0°, 45°, 90°	Version: 0°, 45°, 90°	Version: 0°, 45°, 90°
DIN type: RNM	DIN type: DKF	DIN type: AGF	DIN type: RSL	DIN type: RSS	DIN type: DKOR

Couplings for high pressure hoses (standard 1-2 layers)

Type PFV BSP Flat Face sealing	Type PFK 60° Inner cone, JIS	Type PQB Ring eye	Type PN 60° inner cone	Type PNT 60° inner cone	Type PE 60° inner cone
Version: 0°	Version: 0°, 45°, 90°	Version: 0°	Version: 0°	Version: 0°	Version: 0°
DIN type: DKRF	DIN type: JIS-T	DIN type: PNRRR	DIN type: AGR	DIN type: AGR-K	DIN type: AGN

Couplings for high pressure hoses (standard 1-2 layers)

Type PA 37°, 74° Inner cone	Type PC 37°, 74° Outer cone	Type WEO CEJN WEO - plug in	Type PAV Flat seat	Type PCV ORFS Male Flat Face seating with o-ring	Type PFL SAE Flange 3000 PSI
Version: 0°, 45°, 90°	Version: 0°	Version: 0°, 45°, 90°	Version: 0°, 45°, 90°	Version: 0°	Version: 0°, 45°, 90°
DIN type: DKJ	DIN type: AGJ		DIN type: DK-ORFS	DIN type: AG-ORFS	DIN type: SFL

Couplings for high pressure hoses (Interlock)

Type PFS SAE Flange 6000 PSI	Type DKOSH 24° Outer cone; heavy series	Type CESH 24° Inner cone; heavy series	Type DKRH 60° Inner cone; heavy series	Type AGRH 60° Inner cone	Type AGRKH 60° Inner cone
Version: 0°, 45°, 90°	Version: 0°, 45°, 90°	Version: 0°	Version: 0°, 45°, 90°	Version: 0°	Version: 0°
DIN type: SFS	DIN type: DKOS	DIN type: CES	DIN type: DKR	DIN type: AGR	DIN type: AGR-K

Couplings for high pressure hoses (Interlock)

Type AGNH 60° Inner cone	Type DKJH 37°, 74° Inner cone	Type AGJH 37°, 74° Inner cone	Type DAVH ORFS Flat Face Sealing	Type SFLH SAE Flange 3000 PSI	Type SFSH SAE Flange 6000 PSI
Version: 0°	Version: 0°, 45°, 90°	Version: 0°	Version: 0°, 45°, 90°	Version: 0°, 45°, 90°	Version: 0°, 45°, 90°
DIN type: AGN	DIN type: DKJ	DIN type: AGJ	DIN type: DK-ORFS	DIN type: SFL	DIN type: SFS

Couplings for high pressure hoses (4-6 spiral layers)

Type SFSCH SAE Flange 9000 PSI Caterpillar	Type HD 260206/7 Plug-in sealing ring	Type HD 26010 60° Outer cone; O-ring; WAP	Type HD 26020 60° Outer cone; O-ring	Type HD 26026 Plug-in sealing ring; O-ring and bearings	Type PSVB Hose Joiner
Version: 0°, 45°, 90°	Version: Galvanized stainless steel	Version: Galvanized stainless steel	Version: Galvanized stainless steel	Version: Galvanized stainless steel	Version: 0°
DIN type: SFS-CAT	Thread: M22x1,5	Thread: M21x1,5	Head Ø: 10 mm	Head Ø: 11 mm	

Low pressure couplings

Type LG 60° Outer cone	Type LR 24° Inner cone	Type LT Banjo Type	Type LQ Banjo Type, Double Insert	Type LF 60° Outer cone	Type LNH Male Insert
Version: 0°, 90°	Version: 0°	Version: 0°, 90°	Version: 0°, 90°, double	Version: 0°	Version: 0°