THREAD REDUCER/EXPANDER STUDS OVERVIEW

Reducing / Expanding Male Stud Connectors with Inside Thread
Male Stud Connector with Captive seal / Female BSPP Thread

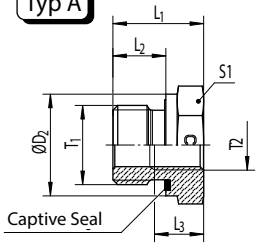
Reducing / Expanding Male Stud Connectors with Inside Thread
Male Stud Connector with Metal Seal / Female BSPP Thread

C-RI-WD

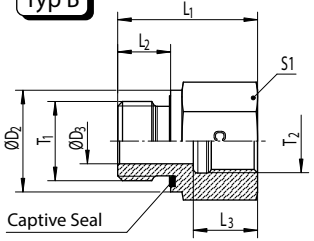
Reducing / Expanding Male Stud Connectors with Inside Thread
Male Stud Connector with BSPP Thread with Captive seal
(ISO 1179, Type E) / Female BSPP Thread (DIN 3852-2 / ISO 1179-1)



Typ A



Typ B



PN [bar] C	PN [bar] CF	T_1	T_2	$ØD_2$ [mm]	$ØD_3$ [mm]	L_1 [mm]	L_2 [mm]	L_3 [mm]	S1 [mm]	Type	Ordering Code *	kg/ 100
400	400	G1/8A	G1/4	14	4	31.0	8	17.0	19	B	**C-RI 1/8 WD X 1/4**	4.1
		G1/8A	G3/8	14	4	32.0	8	17.0	24	B	**C-RI 1/8 WD X 3/8**	6.5
		G1/4A	G1/8	19	5	29.0	12	12.0	19	B	**C-RI 1/4 WD X 1/8**	4.2
		G1/4A	G3/8	19	5	36.0	12	17.0	24	B	**C-RI 1/4 WD X 3/8**	7.0
		G1/4A	G1/2	19	5	40.0	12	20.0	30	B	**C-RI 1/4 WD X 1/2**	11.9
		G1/4A	G3/4	19	5	43.0	12	22.0	36	B	**C-RI 1/4 WD X 3/4**	17.7
		G3/8A	G1/8	22		22.5	12	12.0	22	A	**C-RI 3/8 WD X 1/8**	4.0
		G3/8A	G1/4	22	8	36.0	12	17.0	22	B	**C-RI 3/8 WD X 1/4**	7.2
		G3/8A	G1/2	22	8	41.0	12	20.0	30	B	**C-RI 3/8 WD X 1/2**	12.7
315	315	G3/8A	G3/4	22	8	44.0	12	22.0	36	B	**C-RI 3/8 WD X 3/4**	18.6
400	400	G1/2A	G1/8	27		24.0	14	12.0	27	A	**C-RI 1/2 WD X 1/8**	6.7
		G1/2A	G1/4	27		24.0	14	17.0	27	A	**C-RI 1/2 WD X 1/4**	5.7
		G1/2A	G3/8	27	12	37.0	14	17.0	27	B	**C-RI 1/2 WD X 3/8**	9.8
315	315	G1/2A	G3/4	27	12	46.0	14	22.0	36	B	**C-RI 1/2 WD X 3/4**	18.9
		G1/2A	G1	27	12	49.0	14	24.5	41	B	**C-RI 1/2 WD X 1**	22.9
		G1/2A	G1 1/4	27	10	53.0	14	26.5	55	B	**C-RI 1/2 WD X 1 1/4**	49.3
		G3/4A	G1/4	32		26.0	16	17.0	32	A	**C-RI 3/4 WD X 1/4**	10.4
		G3/4A	G3/8	32		26.0	16	17.0	32	A	**C-RI 3/4 WD X 3/8**	8.8
		G3/4A	G1/2	32	16	43.0	16	20.0	32	B	**C-RI 3/4 WD X 1/2**	15.8
		G3/4A	G1	32	16	51.0	16	24.5	41	B	**C-RI 3/4 WD X 1**	24.3
		G3/4A	G1 1/4	32	16	55.0	16	26.5	55	B	**C-RI 3/4 WD X 1 1/4**	49.8
250	250	G3/4A	G1 1/2	32	16	57.0	16	28.5	60	B	**C-RI 3/4 WD X 1 1/2**	57.6
315	315	G1A	G1/4	40		29.0	18	17.0	41	A	**C-RI 1 WD X 1/4**	19.9
		G1A	G3/8	40		29.0	18	17.0	41	A	**C-RI 1 WD X 3/8**	18.2
		G1A	G1/2	40		29.0	18	20.0	41	A	**C-RI 1 WD X 1/2**	15.7
		G1A	G3/4	40	20	49.0	18	22.0	41	B	**C-RI 1 WD X 3/4**	29.7
		G1A	G1 1/4	40	20	57.0	18	26.5	55	B	**C-RI 1 WD X 1 1/4**	52.3
250	250	G1A	G1 1/2	40	20	59.0	18	28.5	60	B	**C-RI 1 WD X 1 1/2**	60.1
315	315	G1 1/4A	G3/8	50		32.0	20	17.0	50	A	**C-RI 1 1/4 WD X 3/8**	34.3
		G1 1/4A	G1/2	50		32.0	20	20.0	50	A	**C-RI 1 1/4 WD X 1/2**	31.6
		G1 1/4A	G3/4	50		32.0	20	22.0	50	A	**C-RI 1 1/4 WD X 3/4**	26.8
		G1 1/4A	G1	50	25	52.0	20	24.5	50	B	**C-RI 1 1/4 WD X 1**	46.5
250	250	G1 1/4A	G1 1/2	50	25	60.0	20	28.5	60	B	**C-RI 1 1/4 WD X 1 1/2**	63.5
		G1 1/2A	G1/2	55		36.0	22	20.0	55	A	**C-RI 1 1/2 WD X 1/2**	47.9
		G1 1/2A	G3/4	55		36.0	22	22.0	55	A	**C-RI 1 1/2 WD X 3/4**	42.5
		G1 1/2A	G1	55		36.0	22	24.5	55	A	**C-RI 1 1/2 WD X 1**	34.4
		G1 1/2A	G1 1/4	55	32	58.0	22	26.5	55	B	**C-RI 1 1/2 WD X 1 1/4**	54.0
160	160	G2A	G1 1/2	75	40	65.0	24	28.5	75	B	**C-RI 2 WD X 1 1/2**	127.8

*Replace the character "**C**" with "**CF**" when you require steel!
C = Stainless Steel, 1.4571 (Seal FKM) **CF** = Galvanized Steel Cr(VI)-free (Seal NBR)

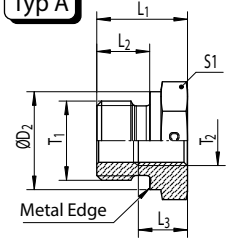


C-RI

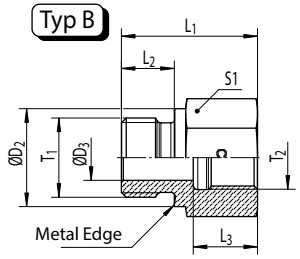
Reducing / Expanding Male Stud Connectors with Inside Thread
Male BSPP Thread with Metal Sealing Edge (ISO 1179, Type B) /
Female BSPP Thread (DIN 3852-2 / ISO 1179-1)



Typ A



Typ B



PN [bar] C	PN [bar] CF	T_1	T_2	$ØD_2$ [mm]	$ØD_3$ [mm]	L_1 [mm]	L_2 [mm]	L_3 [mm]	S1 [mm]	Type	Ordering Code *	kg/ 100
400	400	G1/8A	G1/4	14	4	31.0	8	17.0	19	B	**C-RI 1/8 X 1/4**	4.2
		G1/8A	G3/8	14	4	32.0	8	17.0	24	B	**C-RI 1/8 X 3/8**	6.5
		G1/4A	G1/8	18	5	28.0	12	12.0	19	B	**C-RI 1/4 X 1/8**	4.0
		G1/4A	G3/8	18	5	36.0	12	17.0	24	B	**C-RI 1/4 X 3/8**	7.0
		G1/4A	G1/2	18	5	40.0	12	20.0	30	B	**C-RI 1/4 X 1/2**	12.0
315	315	G1/4A	G3/4	18	5	43.0	12	22.0	36	B	**C-RI 1/4 X 3/4**	17.7
400	400	G3/8A	G1/8	22		22.5	12	12.0	22	A	**C-RI 3/8 X 1/8**	4.0
		G3/8A	G1/4	22	8	36.0	12	17.0	22	B	**C-RI 3/8 X 1/4**	7.3
		G3/8A	G1/2	22	8	41.0	12	20.0	30	B	**C-RI 3/8 X 1/2**	12.8
315	315	G3/8A	G3/4	22	8	44.0	12	22.0	36	B	**C-RI 3/8 X 3/4**	18.6
400	400	G1/2A	G1/8	26		24.0	14	12.0	27	A	**C-RI 1/2 X 1/8**	6.7
315	315	G1/2A	G1/4	26		24.0	14	17.0	27	A	**C-RI 1/2 X 1/4**	5.8
		G1/2A	G3/8	26	12	36.0	14	17.0	27	B	**C-RI 1/2 X 3/8**	9.4
		G1/2A	G3/4	26	12	46.0	14	22.0	36	B	**C-RI 1/2 X 3/4**	18.9
		G1/2A	G1	26	12	49.0	14	24.5	41	B	**C-RI 1/2 X 1**	22.9
160	160	G1/2A	G1 1/4	26	10	53.0	14	26.5	55	B	**C-RI 1/2 X 1 1/4**	49.3
315	315	G3/4A	G1/4	32		26.0	16	17.0	32	A	**C-RI 3/4 X 1/4**	10.5
		G3/4A	G3/8	32		26.0	16	17.0	32	A	**C-RI 3/4 X 3/8**	8.9
		G3/4A	G1/2	32	16	41.0	16	20.0	32	B	**C-RI 3/4 X 1/2**	14.9
		G3/4A	G1	32	16	51.0	16	24.5	41	B	**C-RI 3/4 X 1**	24.4

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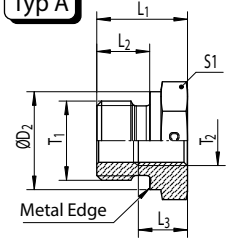
C-RI

Reducing / Expanding Male Stud Connectors with Inside Thread
Male BSPP Thread with Metal Sealing Edge (ISO 1179, Type B) /
Female BSPP Thread (DIN 3852-2 / ISO 1179-1)

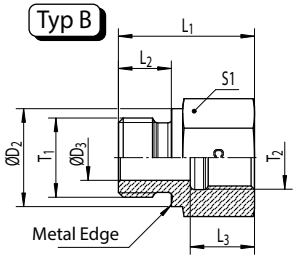


Plugs Overview

Typ A



Typ B



PN [bar] C	PN [bar] CF	T_1	T_2	$ØD_2$ [mm]	$ØD_3$ [mm]	L_1 [mm]	L_2 [mm]	L_3 [mm]	S1 [mm]	Type	Ordering Code *	kg/ 100
160	160	G3/4A	G1 1/4	32	16	55	16	26.5	55	B	**C-RI 3/4 X 1 1/4**	49.9
		G3/4A	G1 1/2	32	16	57	16	28.5	60	B	**C-RI 3/4 X 1 1/2**	57.7
315	315	G1A	G1/4	39		29	18	17.0	41	A	**C-RI 1 X 1/4**	20.1
		G1A	G3/8	39		29	18	17.0	41	A	**C-RI 1 X 3/8**	18.3
		G1A	G1/2	39		29	18	20.0	41	A	**C-RI 1 X 1/2**	15.8
		G1A	G3/4	39	20	47	18	22.0	41	B	**C-RI 1 X 3/4**	28.0
160	160	G1A	G1 1/4	39	20	57	18	26.5	55	B	**C-RI 1 X 1 1/4**	52.4
		G1A	G1 1/2	39	20	59	18	28.5	60	B	**C-RI 1 X 1 1/2**	60.2
		G1 1/4A	G3/8	49		32	20	17.0	50	A	**C-RI 1 1/4 X 3/8**	34.5
		G1 1/4A	G1/2	49		32	20	20.0	50	A	**C-RI 1 1/4 X 1/2**	31.8
		G1 1/4A	G3/4	49		32	20	22.0	50	A	**C-RI 1 1/4 X 3/4**	27.0
		G1 1/4A	G1	49	25	52	20	24.5	50	B	**C-RI 1 1/4 X 1**	46.7
		G1 1/4A	G1 1/2	49	25	60	20	28.5	60	B	**C-RI 1 1/4 X 1 1/2**	63.5
		G1 1/2A	G1/4	55		36	22	17.0	55	A	**C-RI 1 1/2 X 1/4**	53.4
		G1 1/2A	G3/8	55		36	22	17.0	55	A	**C-RI 1 1/2 X 3/8**	51.3
		G1 1/2A	G1/2	55		36	22	20.0	55	A	**C-RI 1 1/2 X 1/2**	48.3
		G1 1/2A	G3/4	55		36	22	22.0	55	A	**C-RI 1 1/2 X 3/4**	42.8
		G1 1/2A	G1	55		36	22	24.5	55	A	**C-RI 1 1/2 X 1**	34.7
		G1 1/2A	G1 1/4	55	32	58	22	26.5	55	B	**C-RI 1 1/2 X 1 1/4**	54.4
		G2A	G1 1/2	68	40	62	24	28.5	70	B	**C-RI 2 X 1 1/2**	102.1

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