



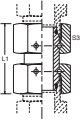
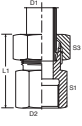
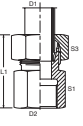
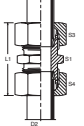
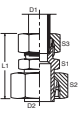
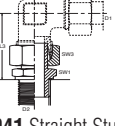
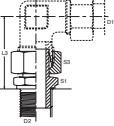
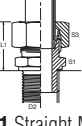
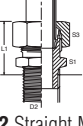
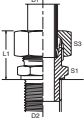
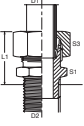
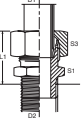
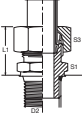
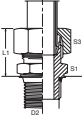
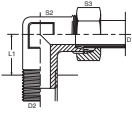
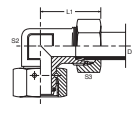
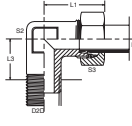
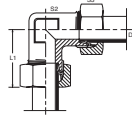
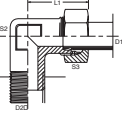
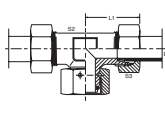
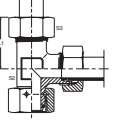
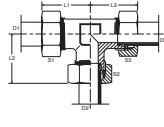
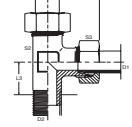
DIN Metric Fittings

DIN Metric Fittings

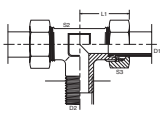
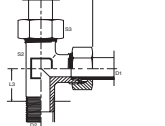
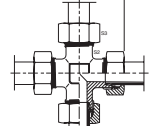
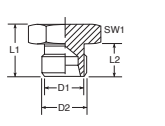
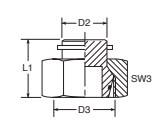
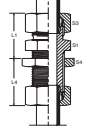
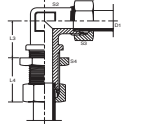
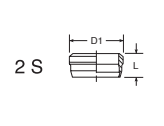
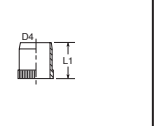
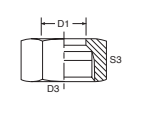
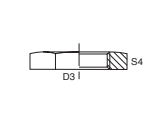
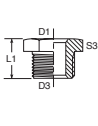
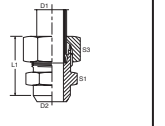
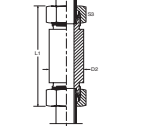
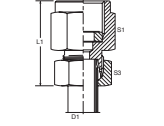
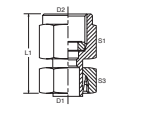
Brennan Expands Its Line...With DIN fittings.

The company that offers more hydraulic fittings than anyone else is now your source for DIN fittings. Brennan has all of the styles and sizes you need—with more than 260 popular DIN models in stock and available for immediate delivery.

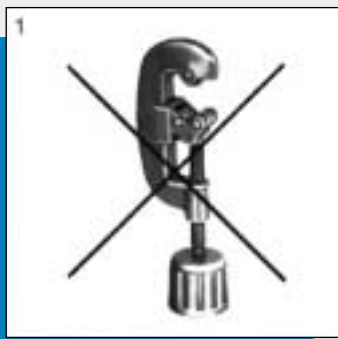
Built for extreme pressure applications, DIN fittings have always been manufactured to the highest standards and are approved by all major certification agencies. All feature the same consistent quality you have come to expect from Brennan.

 <p>VS8000 Straight Adjustable Coupling</p>	 <p>VS8003 Female Stud Coupling Metric</p>	 <p>VS8006 Female Stud Coupling BSPP</p>	 <p>VS8010 Straight Coupling</p>	 <p>VS8014 Reducing Adjustable Coupling</p>	 <p>VS8041 Straight Stud Standpipe Adapter Metric Parallel</p>
 <p>VS8045 Straight Stud Standpipe Adapter BSPP</p>	 <p>VS8051 Straight Male Stud Coupling Metric Parallel</p>	 <p>VS8052 Straight Male Stud Coupling Metric Taper</p>	 <p>VS8055 Straight Male Stud Coupling BSPP</p>	 <p>VS8057 Straight Male Stud Coupling BSPT</p>	 <p>VS8058 Straight Male Stud Coupling NPTF</p>
 <p>VS8059 Straight Male Stud Coupling ORB</p>	 <p>VS8060 Straight Male Stud Coupling ISO</p>	 <p>VS8202 Male Stud Elbow Metric Taper</p>	 <p>VS8204 Adjustable Elbow Body</p>	 <p>VS8207 Male Stud Elbow BSPT</p>	 <p>VS8210 Elbow Coupling</p>
 <p>VS8258 Male Stud Elbow NPTF</p>	 <p>VS8304-B Adjustable Branch Tee Body</p>	 <p>VS8304-R Adjustable Barrel Tee Body</p>	 <p>VS8310 Tee Coupling</p>	 <p>VS8352-B Male Stud Branch Tee Metric Taper</p>	 <p>VS8352-R Male Stud Barrel Tee Metric Taper</p>

DIN Metric Fittings

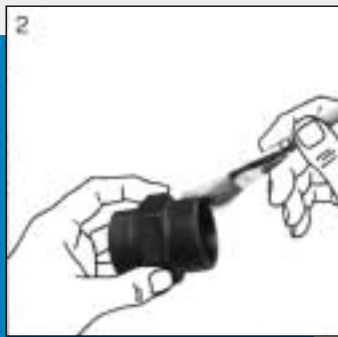
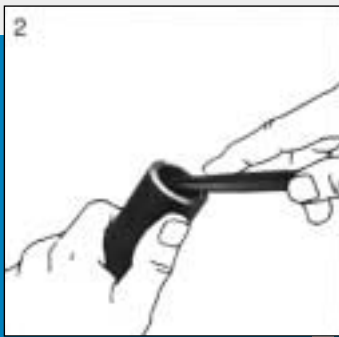
 <p>VS8357-B Male Stud Branch Tee BSPT</p>	 <p>VS8357-R Male Stud Barrel Tee BSPT</p>	 <p>VS8410 Cross Coupling</p>	 <p>VS8510 Tube Cap</p>	 <p>VS8511 Tube Plug</p>	 <p>VS8710 Straight Bulkhead Coupling</p>
 <p>VS8720 Bulkhead Elbow</p>	 <p>VS8860 Bite Ring</p>	 <p>VS8890 Reinforcing Sleeve</p>	 <p>VS8900 Nut</p>	 <p>VS8970 Hexagonal Bulkhead Nut</p>	 <p>VS9000 Internal Coupling Nut</p>
 <p>VS9500 Welding Boss</p>	 <p>VS9501 Welding Bulkhead Connection</p>	 <p>VS9600 Gauge Coupling BSP</p>	 <p>VS9601 Gauge Coupling Male Stud Type</p>		

Assembly Instructions for DIN Tube Couplings with Cutting Ring.



Preparations

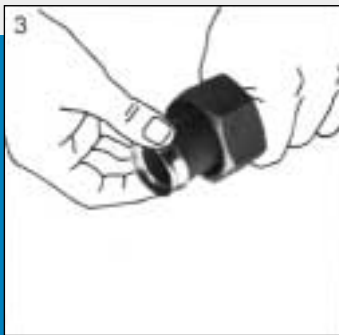
1. Saw off the tube square. Do not use roll cutters, as they will reduce the tube cross-section and will generate extensive burr. When determining the tube length, the depth of the cone has to be added.



2. Deburr slightly the ends of the metal tube inside and outside (do not point), and then remove dirt and chips. Oil coupling thread, body cone and outside cone of cutting ring lightly.

Pre-Assembly in the coupling body

3. Place the nut and the cutting ring on the tube. The cutting edge of the cutting ring faces the tube end.
4. Clamp the coupling body in a vice. Press tube against the stop in the coupling body and tighten nut as much as possible by hand. The ring will now be firmly gripped between tube, nut and inner cone.



After tightening by hand, tighten nut with a spanner (if necessary provided with a tube extension).

– up to tube O.D. 18 mm approx. 1-1/2 turns

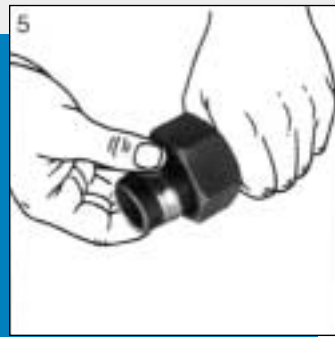
– above tube O.D. 20 mm approx. 1-1/4 turns

A mark facilitates the observation of the prescribed number of turns.

The ring will cut during assembly into the tube causing a clearly visible wall of metal ahead of it.

DIN Metric Fittings

5/6. Loosen nut and inspect cut. The wall of metal should cover approx. 80%-90% of the ring face thickness. It is possible to rotate the cutting ring in this position.



Final Assembly

7. For final installation take the pre-assembled tube always with the coupling, in which it has been pre-assembled. Then, tighten the nut with the spanner, until a clear increase of force results. For final tightening, continue to tighten by another 1/4 turn. If possible, counter-hold the coupling by means of a spanner during final assembly.



Repeated Assemblies

In case a coupling shall be loosened and then be reassembled, again the nut has to be tightened, until a clear increase of force results.

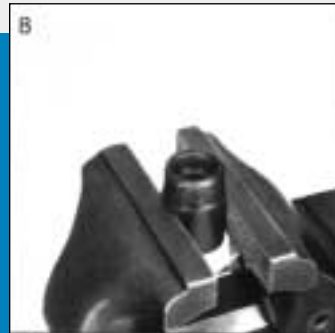
Repeated assemblies can be performed as frequently as desired on the tube connection.

Please request our Assembly Poster for your workshop.

Quantity-Production Assemblies

If larger quantities of tubes have to be assembled, we recommend the utilization of:

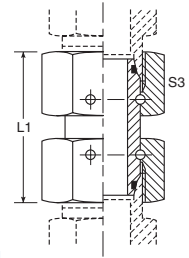
8. DIN Manual Pre-Assembly Tools for vice assembly. The assembly procedure is the same as described under items 4-6. The manual pre-assembly tools are hardened and are toleranced within the optimum range so that efficient tube connections are always achieved.



9. DIN Pre-Assembly Device for electrical drive (400 volts). Detailed assembly instructions are available upon request.

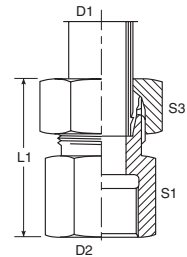


Straight Adjustable Coupling VS8000 Series



PRODUCT ID	DESCRIPTION	D1	L1	S3	Standard Material From Stock			
					S	FG	SS	B
VS8000-L06-06	Straight Adjustable Coupling	6	39	14	•			
VS8000-L08-08	Straight Adjustable Coupling	8	39.5	17	•			
VS8000-L10-10	Straight Adjustable Coupling	10	39.5	19	•			
VS8000-L12-12	Straight Adjustable Coupling	12	39.5	22	•			
VS8000-L15-15	Straight Adjustable Coupling	15	42.5	27	•			
VS8000-L18-18	Straight Adjustable Coupling	18	45	32	•			
VS8000-L22-22	Straight Adjustable Coupling	22	39.5	36	•			
VS8000-L28-28	Straight Adjustable Coupling	28	51.5	41	•			
VS8000-L35-35	Straight Adjustable Coupling	35	61	50	•			
VS8000-L42-42	Straight Adjustable Coupling	42	62.5	60	•			
VS8000-S06-06	Straight Adjustable Coupling	6	40.5	17	•			
VS8000-S08-08	Straight Adjustable Coupling	8	40.5	19	•			
VS8000-S10-10	Straight Adjustable Coupling	10	43.5	22	•			
VS8000-S12-12	Straight Adjustable Coupling	12	44	24	•			
VS8000-S14-14	Straight Adjustable Coupling	14	48.5	27	•			
VS8000-S16-16	Straight Adjustable Coupling	16	49	60	•			
VS8000-S20-20	Straight Adjustable Coupling	20	60.5	36	•			
VS8000-S25-25	Straight Adjustable Coupling	25	67.5	46	•			
VS8000-S30-30	Straight Adjustable Coupling	30	72.5	50	•			
VS8000-S38-38	Straight Adjustable Coupling	38	83	60	•			

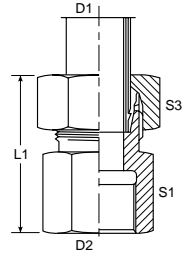
Female Stud Coupling Metric VS8003 Series



PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FG	SS	B
VS8003-L06-10	Female Stud Coupling Metric	6	M 10X1	34.5	14	14	•			
VS8003-L08-12	Female Stud Coupling Metric	8	M 12X1.5	39	17	17	•			
VS8003-L10-14	Female Stud Coupling Metric	10	M 14X1.5	40	19	19	•			
VS8003-L12-16	Female Stud Coupling Metric	12	M 16X1.5	41	22	22	•			
VS8003-L15-18	Female Stud Coupling Metric	15	M 18X1.5	43	24	27	•			
VS8003-L18-22	Female Stud Coupling Metric	18	M 22X1.5	46	30	32	•			
VS8003-L22-26	Female Stud Coupling Metric	22	M 26X1.5	51	32	36	•			
VS8003-L28-33	Female Stud Coupling Metric	28	M 33X2	54	41	41	•			
VS8003-L35-42	Female Stud Coupling Metric	35	M 42X2	62	55	50	•			
VS8003-L42-48	Female Stud Coupling Metric	42	M 48X2	65	60	60	•			
VS8003-S06-12	Female Stud Coupling Metric	6	M 12X1.5	41	17	17	•			
VS8003-S08-14	Female Stud Coupling Metric	8	M 14X1.5	41	19	19	•			
VS8003-S10-16	Female Stud Coupling Metric	10	M 16X1.5	43	22	22	•			
VS8003-S12-18	Female Stud Coupling Metric	12	M 18X1.5	44	24	24	•			
VS8003-S14-20	Female Stud Coupling Metric	14	M 20X1.5	49	27	27	•			
VS8003-S16-22	Female Stud Coupling Metric	16	M 22X1.5	49	30	30	•			
VS8003-S20-27	Female Stud Coupling Metric	20	M 27X2	56	36	36	•			
VS8003-S25-33	Female Stud Coupling Metric	25	M 33X2	61	41	46	•			
VS8003-S30-42	Female Stud Coupling Metric	30	M 42X2	69	55	50	•			
VS8003-S38-48	Female Stud Coupling Metric	38	M 38X2	74	60	60	•			
VS8006-L06-02	Female Stud Coupling Metric	6	G 1/8	34	14	14	•			

DIN Metric Fittings

Female Stud Coupling BSPP VS8006 Series

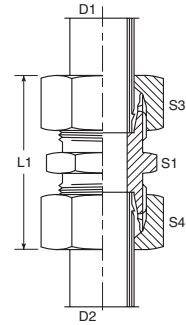


Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FG	SS	B
VS8006-L08-04	Female Stud Coupling BSPP	8	G 1/4	39	19	17	•			
VS8006-L08-06	Female Stud Coupling BSPP	8	G 3/8	40	24	17	•			
VS8006-L08-08	Female Stud Coupling BSPP	8	G 1/2	44	27	17	•			
VS8006-L10-04	Female Stud Coupling BSPP	10	G 1/4	40	19	19	•			
VS8006-L10-06	Female Stud Coupling BSPP	10	G 3/8	41	24	19	•			
VS8006-L10-08	Female Stud Coupling BSPP	10	G 1/2	45	27	19	•			
VS8006-L12-06	Female Stud Coupling BSPP	12	G 3/8	41	24	22	•			
VS8006-L12-08	Female Stud Coupling BSPP	12	G 1/2	45.5	27	22	•			
VS8006-L15-08	Female Stud Coupling BSPP	15	G 1/2	46	27	27	•			
VS8006-L18-08	Female Stud Coupling BSPP	18	G 1/2	47	27	32	•			
VS8006-L22-12	Female Stud Coupling BSPP	22	G 3/4	52	36	36	•			
VS8006-L28-16	Female Stud Coupling BSPP	28	G 1	54.5	41	41	•			
VS8006-L35-20	Female Stud Coupling BSPP	35	G 1 1/4	62.5	55	50	•			
VS8006-L42-24	Female Stud Coupling BSPP	42	G 1 1/2	65.5	60	60	•			
VS8006-S06-04	Female Stud Coupling BSPP	6	G 1/4	41	19	17	•			
VS8006-S08-04	Female Stud Coupling BSPP	8	G 1/4	41	19	19	•			
VS8006-S10-06	Female Stud Coupling BSPP	10	G 3/8	43	24	22	•			
VS8006-S12-06	Female Stud Coupling BSPP	12	G 3/8	43	24	24	•			
VS8006-S12-08	Female Stud Coupling BSPP	12	G 1/2	45.5	27	22	•			
VS8006-S14-08	Female Stud Coupling BSPP	14	G 1/2	50	27	27	•			
VS8006-S16-08	Female Stud Coupling BSPP	16	G 1/2	50	27	30	•			
VS8006-S20-12	Female Stud Coupling BSPP	20	G 3/4	56	36	36	•			
VS8006-S25-16	Female Stud Coupling BSPP	25	G 1	61.5	41	46	•			
VS8006-S30-20	Female Stud Coupling BSPP	30	G 1 1/4	68.5	55	50	•			
VS8006-S38-24	Female Stud Coupling BSPP	38	G 1 1/2	74.5	60	60	•			

Straight Coupling

VS8010 Series

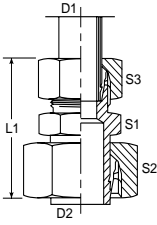


Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	S4	Standard Material From Stock			
								S	FG	SS	B
VS8010-L06	Straight Coupling	6	6	30	11	12	12	•			
VS8010-L08	Straight Coupling	8	8	35	12	14	14	•			
VS8010-L08-06	Straight Coupling	8	6	40.5	12	14	12	•			
VS8010-L10	Straight Coupling	10	10	42	17	19	19	•			
VS8010-L10-06	Straight Coupling	10	6	41.5	17	19	12	•			
VS8010-L10-08	Straight Coupling	10	8	42	17	19	14	•			
VS8010-L12	Straight Coupling	12	12	43	19	22	22	•			
VS8010-L12-06	Straight Coupling	12	6	42	19	22	14	•			
VS8010-L12-08	Straight Coupling	12	8	42.5	19	22	17	•			
VS8010-L12-10	Straight Coupling	12	10	43.5	19	22	19	•			
VS8010-L15	Straight Coupling	15	15	46	24	27	27	•			
VS8010-L15-10	Straight Coupling	15	10	45	24	27	19	•			
VS8010-L15-12	Straight Coupling	15	12	44.5	24	27	22	•			
VS8010-L18	Straight Coupling	18	18	48	27	32	32	•			
VS8010-L18-10	Straight Coupling	18	10	47	27	32	19	•			
VS8010-L18-12	Straight Coupling	18	12	46.5	27	32	22	•			
VS8010-L18-15	Straight Coupling	18	15	48	27	32	27	•			
VS8010-L22	Straight Coupling	22	22	52	32	36	36	•			
VS8010-L22-12	Straight Coupling	22	12	48.5	32	36	22	•			
VS8010-L22-15	Straight Coupling	22	15	50	32	36	27	•			
VS8010-L22-18	Straight Coupling	22	18	51	32	36	32	•			
VS8010-L28	Straight Coupling	28	28	54	41	41	41	•			
VS8010-L28-18	Straight Coupling	28	18	52	41	41	32	•			
VS8010-L28-22	Straight Coupling	28	22	41	41	41	36	•			
VS8010-L35	Straight Coupling	35	36	63	46	50	50	•			
VS8010-L35-22	Straight Coupling	35	22	59	46	50	36	•			
VS8010-L35-28	Straight Coupling	35	28	59	46	50	41	•			
VS8010-L42	Straight Coupling	42	42	66	55	60	60	•			
VS8010-S06	Straight Coupling	6	6	45	14	17	17	•			
VS8010-S08	Straight Coupling	8	8	47	17	19	19	•			
VS8010-S08-06	Straight Coupling	8	6	48	17	19	17	•			
VS8010-S10	Straight Coupling	10	10	49	19	22	22	•			
VS8010-S10-06	Straight Coupling	10	6	48.5	19	22	17	•			
VS8010-S10-08	Straight Coupling	10	8	48.5	19	22	19	•			
VS8010-S12	Straight Coupling	12	12	51	22	24	24	•			
VS8010-S12-06	Straight Coupling	12	6	50.5	22	24	17	•			
VS8010-S12-08	Straight Coupling	12	8	50.5	22	24	19	•			
VS8010-S12-10	Straight Coupling	12	10	51	22	24	22	•			
VS8010-S14	Straight Coupling	14	14	57	24	27	27	•			
VS8010-S14-10	Straight Coupling	14	10	54.5	24	27	22	•			
VS8010-S14-12	Straight Coupling	14	12	54.6	24	27	24	•			
VS8010-S16	Straight Coupling	17	16	57	27	30	30	•			
VS8010-S16-12	Straight Coupling	17	12	54.6	27	30	24	•			
VS8010-S16-14	Straight Coupling	17	14	58	27	30	27	•			
VS8010-S20	Straight Coupling	20	20	66	32	36	36	•			
VS8010-S20-10	Straight Coupling	20	10	56.5	32	36	22	•			
VS8010-S20-12	Straight Coupling	20	12	56.5	32	36	24	•			
VS8010-S20-16	Straight Coupling	20	16	60	32	36	30	•			
VS8010-S25	Straight Coupling	25	25	74	41	46	46	•			
VS8010-S25-16	Straight Coupling	25	16	68	41	46	30	•			
VS8010-S25-20	Straight Coupling	25	20	68	41	46	36	•			
VS8010-S30	Straight Coupling	30	30	80	46	50	50	•			
VS8010-S30-20	Straight Coupling	30	20	71	46	50	36	•			
VS8010-S30-25	Straight Coupling	30	25	77	46	50	46	•			
VS8010-S38	Straight Coupling	38	38	90	55	60	60	•			
VS8010-S38-30	Straight Coupling	38	30	87	55	60	50	•			

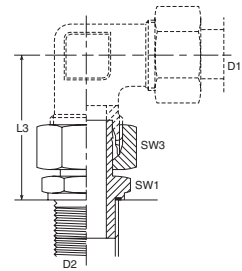
DIN Metric Fittings

Reducing Adjustable Coupling VS8014 Series



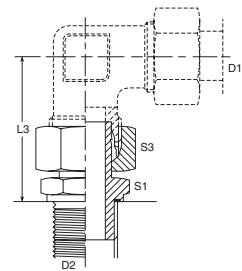
PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S2	S3	Standard Material From Stock				
								S	FG	SS	B	
VS8014-L08-L06	Reducing Adjustable Coupling	6	8	40.5	12	17	14	•				
VS8014-L10-L06	Reducing Adjustable Coupling	6	10	41.5	12	19	14	•				
VS8014-L10-L08	Reducing Adjustable Coupling	8	10	42.5	14	19	17	•				
VS8014-L12-10	Reducing Adjustable Coupling	10	12	45.5	17	22	19	•				
VS8014-L12-L06	Reducing Adjustable Coupling	6	12	44.5	14	22	14	•				
VS8014-L12-L08	Reducing Adjustable Coupling	8	12	44.5	14	22	17	•				
VS8014-L15-L06	Reducing Adjustable Coupling	6	15	46	17	27	14	•				
VS8014-L15-L08	Reducing Adjustable Coupling	8	15	46	17	27	17	•				
VS8014-L15-L10	Reducing Adjustable Coupling	10	15	47	17	27	19	•				
VS8014-L15-L12	Reducing Adjustable Coupling	12	15	48	19	27	22	•				
VS8014-L18-L06	Reducing Adjustable Coupling	6	18	45.5	19	32	14	•				
VS8014-L18-L08	Reducing Adjustable Coupling	8	18	45.5	19	32	17	•				
VS8014-L18-L10	Reducing Adjustable Coupling	10	18	46.5	19	32	19	•				
VS8014-L18-L12	Reducing Adjustable Coupling	12	18	46.5	19	32	22	•				
VS8014-L18-L15	Reducing Adjustable Coupling	15	18	47.5	24	32	27	•				
VS8014-L22-L10	Reducing Adjustable Coupling	10	22	47.5	24	36	19	•				
VS8014-L22-L12	Reducing Adjustable Coupling	12	22	47.5	24	36	22	•				
VS8014-L22-L18	Reducing Adjustable Coupling	18	22	50.5	27	36	32	•				
VS8014-L28-L12	Reducing Adjustable Coupling	12	28	49	30	41	22	•				
VS8014-L28-L15	Reducing Adjustable Coupling	15	28	50	30	41	27	•				
VS8014-L28-L18	Reducing Adjustable Coupling	18	28	52	30	41	32	•				
VS8014-L28-L22	Reducing Adjustable Coupling	22	28	54	32	41	36	•				
VS8014-L35-L15	Reducing Adjustable Coupling	15	35	56.5	36	50	27	•				
VS8014-L35-L18	Reducing Adjustable Coupling	18	35	58.5	36	50	32	•				
VS8014-L35-L22	Reducing Adjustable Coupling	22	35	60.5	36	50	36	•				
VS8014-L35-L28	Reducing Adjustable Coupling	28	35	61.5	41	50	41	•				
VS8014-L42-L15	Reducing Adjustable Coupling	15	42	60	46	60	27	•				
VS8014-L42-L18	Reducing Adjustable Coupling	18	42	61	46	60	32	•				
VS8014-L42-L22	Reducing Adjustable Coupling	22	42	63	46	60	36	•				
VS8014-L42-L28	Reducing Adjustable Coupling	28	42	64	46	60	41	•				
VS8014-L42-L35	Reducing Adjustable Coupling	35	42	69	46	60	50	•				
VS8014-LSS-L15	Reducing Adjustable Coupling	15	22	48.5	24	36	27	•				
VS8014-S08-S06	Reducing Adjustable Coupling	6	8	45	14	19	17	•				
VS8014-S10-S06	Reducing Adjustable Coupling	6	10	47	14	22	17	•				
VS8014-S10-S08	Reducing Adjustable Coupling	8	10	49	17	22	19	•				
VS8014-S12-S06	Reducing Adjustable Coupling	6	12	47	14	24	17	•				
VS8014-S12-S08	Reducing Adjustable Coupling	8	12	49	17	24	19	•				
VS8014-S12-S10	Reducing Adjustable Coupling	10	12	50	19	24	22	•				
VS8014-S14-S06	Reducing Adjustable Coupling	6	14	50	17	27	17	•				
VS8014-S14-S08	Reducing Adjustable Coupling	8	14	52	17	27	19	•				
VS8014-S14-S10	Reducing Adjustable Coupling	10	14	53	19	27	22	•				
VS8014-S14-S12	Reducing Adjustable Coupling	12	14	55	22	27	24	•				
VS8014-S16-S06	Reducing Adjustable Coupling	6	16	50	17	30	17	•				
VS8014-S16-S08	Reducing Adjustable Coupling	8	16	52	17	30	19	•				
VS8014-S16-S10	Reducing Adjustable Coupling	10	16	53	19	30	22	•				
VS8014-S16-S12	Reducing Adjustable Coupling	12	16	55	22	30	24	•				
VS8014-S16-S14	Reducing Adjustable Coupling	14	16	58	24	30	27	•				
VS8014-S20-S08	Reducing Adjustable Coupling	8	20	56	22	36	19	•				
VS8014-S20-S10	Reducing Adjustable Coupling	10	20	57	22	36	22	•				
VS8014-S20-S12	Reducing Adjustable Coupling	12	20	59	22	36	24	•				
VS8014-S20-S14	Reducing Adjustable Coupling	14	20	62	24	36	27	•				
VS8014-S20-S16	Reducing Adjustable Coupling	16	20	62	27	36	30	•				
VS8014-S25-S10	Reducing Adjustable Coupling	10	25	60	27	46	22	•				
VS8014-S25-S12	Reducing Adjustable Coupling	12	25	62	27	46	24	•				
VS8014-S25-S14	Reducing Adjustable Coupling	14	25	65	27	46	27	•				
VS8014-S25-S16	Reducing Adjustable Coupling	16	25	65	32	46	30	•				
VS8014-S25-S20	Reducing Adjustable Coupling	20	25	70	32	46	36	•				
VS8014-S30-S12	Reducing Adjustable Coupling	12	30	65	32	50	24	•				
VS8014-S30-S14	Reducing Adjustable Coupling	14	30	68	32	50	27	•				
VS8014-S30-S16	Reducing Adjustable Coupling	16	30	68	32	50	30	•				
VS8014-S30-S20	Reducing Adjustable Coupling	20	30	73	32	50	36	•				
VS8014-S30-S25	Reducing Adjustable Coupling	25	30	78	41	50	46	•				
VS8014-S38-S16	Reducing Adjustable Coupling	16	38	74	41	60	30	•				
VS8014-S38-S20	Reducing Adjustable Coupling	20	38	79	41	60	36	•				
VS8014-S38-S25	Reducing Adjustable Coupling	25	38	84	41	60	46	•				
VS8014-S38-S30	Reducing Adjustable Coupling	30	38	87	46	60	50	•				

Straight Stud Standpipe Adapter Metric Parallel VS8041 Series



PRODUCT ID	DESCRIPTION	D1	D2	L3	SW1	SW3	Standard Material From Stock			
							S	FG	SS	B
VS8041-L06-10-PO	Straight Stud Standpipe Adapter Metric Parallel	6	M 10X1	36.5	14	14	•			
VS8041-L08-12-PO	Straight Stud Standpipe Adapter Metric Parallel	8	M 12X1.5	40.5	17	17	•			
VS8041-L10-14-PO	Straight Stud Standpipe Adapter Metric Parallel	10	M 14X1.5	42.5	19	19	•			
VS8041-L12-16-PO	Straight Stud Standpipe Adapter Metric Parallel	12	M 16X1.5	47.5	22	22	•			
VS8041-L15-18-PO	Straight Stud Standpipe Adapter Metric Parallel	15	M 18X1.5	52.5	24	27	•			
VS8041-L18-22-PO	Straight Stud Standpipe Adapter Metric Parallel	18	M 22X1.5	55	27	32	•			
VS8041-L22-26-PO	Straight Stud Standpipe Adapter Metric Parallel	22	M 26X1.5	60	32	36	•			
VS8041-L28-33-PO	Straight Stud Standpipe Adapter Metric Parallel	28	M 33X2	65.5	41	41	•			
VS8041-L35-42-PO	Straight Stud Standpipe Adapter Metric Parallel	35	M 42X2	77	50	50	•			
VS8041-L42-48-PO	Straight Stud Standpipe Adapter Metric Parallel	42	M 42X2	86.5	55	60	•			
VS8041-S0-12-PO	Straight Stud Standpipe Adapter Metric Parallel	6	M 12X1.5	43	17	17	•			
VS8041-S08-14-PO	Straight Stud Standpipe Adapter Metric Parallel	8	M 14X1.5	46.5	19	19	•			
VS8041-S10-16-PO	Straight Stud Standpipe Adapter Metric Parallel	10	M 16X1.5	49.5	22	22	•			
VS8041-S12-18-PO	Straight Stud Standpipe Adapter Metric Parallel	12	M 18X1.5	55.5	24	24	•			
VS8041-S14-20-PO	Straight Stud Standpipe Adapter Metric Parallel	14	M 20X1.5	58.5	27	27	•			
VS8041-S16-22-PO	Straight Stud Standpipe Adapter Metric Parallel	16	M 22x1.5	61.5	27	30	•			
VS8041-S20-27-PO	Straight Stud Standpipe Adapter Metric Parallel	20	M 27X2	69.5	32	36	•			
VS8041-S25-33-PO	Straight Stud Standpipe Adapter Metric Parallel	25	M 33x2	78	41	46	•			
VS8041-S30-42-PO	Straight Stud Standpipe Adapter Metric Parallel	30	M 42x2	86.5	50	50	•			
VS8041-S38-48-PO	Straight Stud Standpipe Adapter Metric Parallel	38	M 48x2	101	55	60	•			

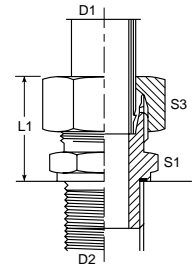
Straight Stud Standpipe Adapter BSPP VS8045 Series



PRODUCT ID	DESCRIPTION	D1	D2	L3	S1	S3	Standard Material From Stock			
							S	FG	SS	B
VS8045-L06-02-PO	Straight Stud Standpipe Adapter BSPP	6	G 1/8A	36.5	14	14	•			
VS8045-L08-04-PO	Straight Stud Standpipe Adapter BSPP	8	G 1/4A	43.5	19	17	•			
VS8045-L10-04-PO	Straight Stud Standpipe Adapter BSPP	10	G 1/4A	42.5	19	19	•			
VS8045-L12-06-PO	Straight Stud Standpipe Adapter BSPP	12	G 3/8A	51	22	22	•			
VS8045-L15-08-PO	Straight Stud Standpipe Adapter BSPP	15	G 1/2A	53	27	27	•			
VS8045-L18-08-PO	Straight Stud Standpipe Adapter BSPP	18	G 1/2A	55	27	32	•			
VS8045-L22-12-PO	Straight Stud Standpipe Adapter BSPP	22	GA 3/4A	60	32	36	•			
VS8045-L28-16-PO	Straight Stud Standpipe Adapter BSPP	28	G 1A	65.5	41	41	•			
VS8045-L35-20-PO	Straight Stud Standpipe Adapter BSPP	35	G 1 1/4A	77	50	50	•			
VS8045-L42-24-PO	Straight Stud Standpipe Adapter BSPP	42	G 1 1/2A	86.5	55	60	•			
VS8045-S06-04-PO	Straight Stud Standpipe Adapter BSPP	6	G 1/4A	43	19	17	•			
VS8045-S08-04-PO	Straight Stud Standpipe Adapter BSPP	8	G 1/4A	46.35	19	19	•			
VS8045-S10-06-PO	Straight Stud Standpipe Adapter BSPP	10	G 3/8A	49.5	22	22	•			
VS8045-S12-06-PO	Straight Stud Standpipe Adapter BSPP	12	G 3/8A	55.5	22	24	•			
VS8045-S14-08-PO	Straight Stud Standpipe Adapter BSPP	14	G 1/2A	58.5	27	27	•			
VS8045-S16-08-PO	Straight Stud Standpipe Adapter BSPP	16	G 1/2A	61.5	27	30	•			
VS8045-S20-12-PO	Straight Stud Standpipe Adapter BSPP	20	G 3/4A	69.5	32	36	•			
VS8045-S25-16-PO	Straight Stud Standpipe Adapter BSPP	25	G 1A	78	41	46	•			
VS8045-S30-20-PO	Straight Stud Standpipe Adapter BSPP	30	G 1 1/4A	86.5	50	50	•			
VS8045-S38-24-PO	Straight Stud Standpipe Adapter BSPP	38	G 1 1/2	101	55	60	•			

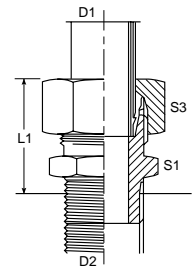
DIN Metric Fittings

Straight Male Stud Coupling Metric Parallel VS8051 Series



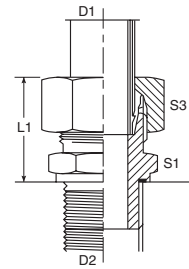
PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FB	SS	B
VS8051-L06-10-PO	Straight Male Stud Coupling Metric Parallel	6	M 10X1	23	14	14	•			
VS8051-L08-12-PO	Straight Male Stud Coupling Metric Parallel	8	M 12X1.5	25	17	17	•			
VS8051-L10-14-PO	Straight Male Stud Coupling Metric Parallel	10	M 14X1.5	26	19	19	•			
VS8051-L12-16-PO	Straight Male Stud Coupling Metric Parallel	12	M 16X1.5	27	22	22	•			
VS8051-L15-18-PO	Straight Male Stud Coupling Metric Parallel	15	M 18X1.5	29	24	27	•			
VS8051-L18-22-PO	Straight Male Stud Coupling Metric Parallel	18	M 22X1.5	31	27	32	•			
VS8051-L22-26-PO	Straight Male Stud Coupling Metric Parallel	22	M 26X1.5	33	32	36	•			
VS8051-L28-33-PO	Straight Male Stud Coupling Metric Parallel	28	M 33X2	34	41	41	•			
VS8051-L35-42-PO	Straight Male Stud Coupling Metric Parallel	35	M 42X2	39	50	50	•			
VS8051-L42-48-PO	Straight Male Stud Coupling Metric Parallel	42	M 48X2	42	55	60	•			
VS8051-S06-12-PO	Straight Male Stud Coupling Metric Parallel	6	M 12X1.5	28	17	17	•			
VS8051-S08-14-PO	Straight Male Stud Coupling Metric Parallel	8	M 14X1.5	30	19	19	•			
VS8051-S10-16-PO	Straight Male Stud Coupling Metric Parallel	10	M 16X1.5	?	31	22	•			
VS8051-S12-18-PO	Straight Male Stud Coupling Metric Parallel	12	M 18x1.5	33	24	24	•			
VS8051-S14-20-PO	Straight Male Stud Coupling Metric Parallel	14	M 20x1.5	37	27	27	•			
VS8051-S16-22-PO	Straight Male Stud Coupling Metric Parallel	16	M 22x1.5	37	27	30	•			
VS8051-S20-27-PO	Straight Male Stud Coupling Metric Parallel	20	M 27x2	42.5	32	36	•			
VS8051-S25-33-PO	Straight Male Stud Coupling Metric Parallel	25	M 33x2	47	41	46	•			
VS8051-S30-42-PO	Straight Male Stud Coupling Metric Parallel	30	M 42x2	50	50	52	•			
VS8051-S38-48-PO	Straight Male Stud Coupling Metric Parallel	38	M 48x2	57	55	60	•			

Straight Male Stud Coupling Metric Taper VS8052 Series



PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FB	SS	B
VS8052-L06-10	Straight Male Stud Coupling Metric Taper	6	M 10x1 KEG	24.5	14	14	•			
VS8052-L08-12	Straight Male Stud Coupling Metric Taper	8	M 12x1.5 KEG	27	17	17	•			
VS8052-L10-14	Straight Male Stud Coupling Metric Taper	10	M 14x1.5 KEG	28	17	19	•			
VS8052-L12-16	Straight Male Stud Coupling Metric Taper	12	M 16x1.5 KEG	28.5	19	22	•			
VS8052-L15-18	Straight Male Stud Coupling Metric Taper	15	M 18x1.5 KEG	30	24	27	•			
VS8052-L18-22	Straight Male Stud Coupling Metric Taper	18	M 22x1.5 KEG	32	27	32	•			
VS8052-LL04-08	Straight Male Stud Coupling Metric Taper	4	M 8x1 KEG	20	10	10	•			
VS8052-S06-12	Straight Male Stud Coupling Metric Taper	3	M 12x1.5 KEG	30	17	17	•			
VS8052-S08-14	Straight Male Stud Coupling Metric Taper	8	M 14x1.5 KEG	32	17	19	•			
VS8052-S10-16	Straight Male Stud Coupling Metric Taper	10	M 16x1.5 KEG	32.5	19	22	•			
VS8052-S12-18	Straight Male Stud Coupling Metric Taper	12	M 18x1.5 KEG	34.5	22	24	•			
VS8052-S14-20	Straight Male Stud Coupling Metric Taper	14	M 20x1.5 KEG	38.5	27	27	•			
VS8052-S16-22	Straight Male Stud Coupling Metric Taper	16	M 22x1.5 KEG	38.5	27	30	•			

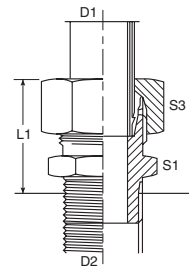
Straight Male Stud Coupling BSPP VS8055 Series



Standard Material From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S	Standard Material From Stock			
							S	FG	SS	B
VS8055-L06-02-PO	Straight Male Stud Coupling BSPP	6	G 1/8A	23	14	14	•			
VS8055-L08-04-PO	Straight Male Stud Coupling BSPP	8	G 1/4A	25	19	17	•			
VS8055-L10-04-PO	Straight Male Stud Coupling BSPP	10	G 1/4A	26	19	19	•			
VS8055-L12-04-PO	Straight Male Stud Coupling BSPP	12	G 1/4A	27	27	22	•			
VS8055-L12-06-PO	Straight Male Stud Coupling BSPP	12	G 3/8A	27	22	22	•			
VS8055-L12-08-PO	Straight Male Stud Coupling BSPP	12	G 1/2A	27.5	27	22	•			
VS8055-L15-08-PO	Straight Male Stud Coupling BSPP	15	G 1/2A	29	27	27	•			
VS8055-L18-08-PO	Straight Male Stud Coupling BSPP	18	G 1A	31	27	32	•			
VS8055-L22-12-PO	Straight Male Stud Coupling BSPP	22	G 3/8A	33	32	36	•			
VS8055-S14-16-PO	Straight Male Stud Coupling BSPP	28	G 1A	34	41	41	•			
VS8055-L35-20-PO	Straight Male Stud Coupling BSPP	35	G 1 1/4A	39	50	50	•			
VS8055-L42-24-PO	Straight Male Stud Coupling BSPP	42	G 1 1/2A	42	55	60	•			
VS8055-S06-04-PO	Straight Male Stud Coupling BSPP	6	G 1/4A	28	19	17	•			
VS8055-S08-04-PO	Straight Male Stud Coupling BSPP	8	G 1/4A	39	19	19	•			
VS8055-S10-04-PO	Straight Male Stud Coupling BSPP	10	G 1/4A	30.5	19	22	•			
VS8055-S10-06-PO	Straight Male Stud Coupling BSPP	10	G 3/8A	31	22	22	•			
VS8055-S12-06-PO	Straight Male Stud Coupling BSPP	12	G 3/8A	33	22	24	•			
VS8055-S14-08-PO	Straight Male Stud Coupling BSPP	14	G 1/2A	37	27	27	•			
VS8055-S16-08-PO	Straight Male Stud Coupling BSPP	16	G 1/2A	37	27	30	•			
VS8055-S20-12-PO	Straight Male Stud Coupling BSPP	20	G 3/4A	42	32	36	•			
VS8055-S25-12-PO	Straight Male Stud Coupling BSPP	25	G 3/4A	47	41	46	•			
VS8055-S25-16-PO	Straight Male Stud Coupling BSPP	25	G 1A	47	41	46	•			
VS8055-S30-20-PO	Straight Male Stud Coupling BSPP	30	G 1 1/4A	50	50	50	•			
VS8055-S38-24-PO	Straight Male Stud Coupling BSPP	38	G 1 1/2A	57	55	60	•			

Straight Male Stud Coupling BSPT VS8057 Series

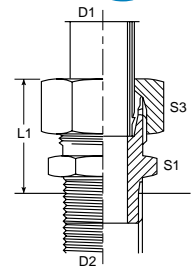


Standard Material From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FG	SS	B
VS8057-L06-02	Straight Male Stud Coupling BSPT	6	R 1/8 KEG	24.5	14	14	•			
VS8057-L08-04	Straight Male Stud Coupling BSPT	8	R 1/4 KEG	27	17	17	•			
VS8057-L10-04	Straight Male Stud Coupling BSPT	10	R 1/4 KEG	28	17	19	•			
VS8057-L12-04	Straight Male Stud Coupling BSPT	12	R 1/4 KEG	28.35	19	22	•			
VS8057-L12-06	Straight Male Stud Coupling BSPT	12	R 3/8 KEG	28.5	19	22	•			
VS8057-L12-08	Straight Male Stud Coupling BSPT	12	R 1/2 KEG	29	24	22	•			
VS8057-L15-06	Straight Male Stud Coupling BSPT	15	R 3/8 KEG	30	24	27	•			
VS8057-L15-08	Straight Male Stud Coupling BSPT	15	R 1/2 KEG	30.5	24	27	•			
VS8057-L18-08	Straight Male Stud Coupling BSPT	18	R 1/2 KEG	32.5	27	32	•			
VS8057-LL04-02	Straight Male Stud Coupling BSPT	4	R 1/8 KEG	20	10	10	•			
VS8057-LL06-02	Straight Male Stud Coupling BSPT	6	R 1/8 KEG	20.5	11	12	•			
VS8057-LL08-02	Straight Male Stud Coupling BSPT	8	R 1/8 KEG	23.5	12	14	•			
VS8057-S06-04	Straight Male Stud Coupling BSPT	3	R 1/4 KEG	30	17	17	•			
VS8057-S08-04	Straight Male Stud Coupling BSPT	8	R 1/4 KEG	32	17	19	•			
VS8057-S10-06	Straight Male Stud Coupling BSPT	10	R 3/8 KEG	32.5	19	22	•			
VS8057-S12-06	Straight Male Stud Coupling BSPT	12	R 3/8 KEG	34.5	22	24	•			
VS8057-S14-08	Straight Male Stud Coupling BSPT	14	R 1/2 KEG	38.5	27	27	•			
VS8057-S16-08	Straight Male Stud Coupling BSPT	16	R 1/2 KEG	38.5	27	30	•			

DIN Metric Fittings

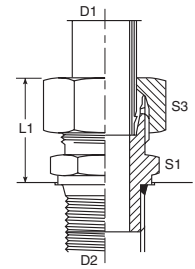
Straight Male Stud Coupling NPTF VS8058 Series



Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FG	SS	B
VS8058-L06-02	Straight Male Stud Coupling NPTF	6	1/8 NPTF	25	12	14	•			
VS8058-L06-04	Straight Male Stud Coupling NPTF	6	1/4 NPTF	25.5	17	14	•			
VS8058-L08-04	Straight Male Stud Coupling NPTF	8	1/4 NPTF	28	17	17	•			
VS8058-L08-06	Straight Male Stud Coupling NPTF	8	3/8 NPTF	29	19	17	•			
VS8058-L10-04	Straight Male Stud Coupling NPTF	10	1/4 NPTF	29	17	19	•			
VS8058-L10-06	Straight Male Stud Coupling NPTF	10	3/8 NPTF	30	19	19	•			
VS8058-L12-04	Straight Male Stud Coupling NPTF	12	1/4 NPTF	29.5	19	22	•			
VS8058-L12-06	Straight Male Stud Coupling NPTF	12	3/8 NPTF	29.5	19	22	•			
VS8058-L12-08	Straight Male Stud Coupling NPTF	12	1/2 NPTF	31	24	22	•			
VS8058-L15-08	Straight Male Stud Coupling NPTF	15	1/2 NPTF	32.5	24	27	•			
VS8058-L18-08	Straight Male Stud Coupling NPTF	18	1/2 NPTF	34.5	27	32	•			
VS8058-L22-12	Straight Male Stud Coupling NPTF	22	3/4 NPTF	36.5	32	36	•			
VS8058-L28-16	Straight Male Stud Coupling NPTF	28	1 NPTF	39.5	41	41	•			
VS8058-L35-20	Straight Male Stud Coupling NPTF	35	1 1/4 NPTF	45	46	50	•			
VS8058-L42-24	Straight Male Stud Coupling NPTF	42	1 1/2 NPTF	48	55	60	•			
VS8058-LL04-02	Straight Male Stud Coupling NPTF	4	1/8 NPTF	21	11	10	•			
VS8058-LL06-02	Straight Male Stud Coupling NPTF	6	1/8 NPTF	21.5	11	12	•			
VS8058-LL08-02	Straight Male Stud Coupling NPTF	8	1/8 NPTF	24.5	12	14	•			
VS8058-S06-04	Straight Male Stud Coupling NPTF	6	1/4 NPTF	31	17	17	•			
VS8058-S08-04	Straight Male Stud Coupling NPTF	8	1/4 NPTF	33	17	19	•			
VS8058-S10-04	Straight Male Stud Coupling NPTF	10	1/4 NPTF	33.5	19	22	•			
VS8058-S10-06	Straight Male Stud Coupling NPTF	10	3/8 NPTF	33.5	19	22	•			
VS8058-S12-08	Straight Male Stud Coupling NPTF	12	1/2 NPTF	37	24	24	•			
VS8058-S14-06	Straight Male Stud Coupling NPTF	14	3/8 NPTF	39	24	27	•			
VS8058-S14-08	Straight Male Stud Coupling NPTF	14	1/2 NPTF	40.5	27	27	•			
VS8058-S16-06	Straight Male Stud Coupling NPTF	16	3/8 NPTF	39	27	30	•			
VS8058-S16-08	Straight Male Stud Coupling NPTF	16	1/2 NPTF	40.5	27	30	•			
VS8058-S16-12	Straight Male Stud Coupling NPTF	16	3/4 NPTF	40.5	30	30	•			
VS8058-S20-12	Straight Male Stud Coupling NPTF	20	3/4 NPTF	45.5	32	36	•			
VS8058-S25-16	Straight Male Stud Coupling NPTF	25	1 NPTF	52.5	41	46	•			
VS8058-S30-20	Straight Male Stud Coupling NPTF	30	1 1/4 NPTF	56	46	50	•			
VS8058-S38-24	Straight Male Stud Coupling NPTF	38	1 1/2 NPTF	63	55	60	•			

Straight Male Stud Coupling ORB VS8059 Series

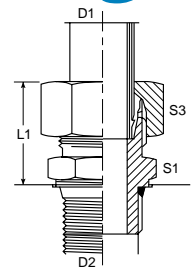


Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FG	SS	B
VS8059-L06-04-0	Straight Male Stud Coupling ORB	6	04 ORB	23.5	17	14	•			
VS8059-L08-04-0	Straight Male Stud Coupling ORB	8	04 ORB	25	17	17	•			
VS8059-L08-05-0	Straight Male Stud Coupling ORB	8	05 ORB	25	17	17	•			
VS8059-L08-06-0	Straight Male Stud Coupling ORB	8	06 ORB	25	19	17	•			
VS8059-L10-06-0	Straight Male Stud Coupling ORB	10	06 ORB	26	19	19	•	•		
VS8059-L12-06-0	Straight Male Stud Coupling ORB	12	06 ORB	27	19	22	•			
VS8059-L12-08-0	Straight Male Stud Coupling ORB	12	08 ORB	27	24	22	•			
VS8059-L12-10-0	Straight Male Stud Coupling ORB	12	10 ORB	27.5	27	22	•			
VS8059-L15-06-0	Straight Male Stud Coupling ORB	15	06 ORB	29	24	27	•			
VS8059-L15-08-0	Straight Male Stud Coupling ORB	15	08 ORB	29	24	27	•			
VS8059-L15-10-0	Straight Male Stud Coupling ORB	15	10 ORB	29	27	27	•			
VS8059-L18-08-0	Straight Male Stud Coupling ORB	18	08 ORB	31	27	32	•			
VS8059-L18-10-0	Straight Male Stud Coupling ORB	18	10 ORB	31	27	32	•			
VS8059-L18-12-0	Straight Male Stud Coupling ORB	18	12 ORB	31	32	32	•			
VS8059-L22-10-0	Straight Male Stud Coupling ORB	22	10 ORB	33	32	36	•			
VS8059-L22-12-0	Straight Male Stud Coupling ORB	22	12 ORB	33	32	36	•			
VS8059-L22-16-0	Straight Male Stud Coupling ORB	22	16 ORB	33	41	36	•			
VS8059-L28-10-0	Straight Male Stud Coupling ORB	28	10 ORB	34	41	41	•			
VS8059-L28-12-0	Straight Male Stud Coupling ORB	28	12 ORB	34	41	41	•			
VS8059-L28-16-0	Straight Male Stud Coupling ORB	28	16 ORB	34	41	41	•			
VS8059-L28-20-0	Straight Male Stud Coupling ORB	28	20 ORB	34	50	41	•			
VS8059-L35-16-0	Straight Male Stud Coupling ORB	35	16 ORB	34	50	50	•			
VS8059-L42-24-0	Straight Male Stud Coupling ORB	42	24 ORB	42	55	60	•			
VS8059-S06-04-0	Straight Male Stud Coupling ORB	6	04 ORB	28	17	17	•			
VS8059-S08-04-0	Straight Male Stud Coupling ORB	8	04 ORB	30	17	19	•			
VS8059-S08-05-0	Straight Male Stud Coupling ORB	8	05 ORB	30	17	19	•			
VS8059-S10-06-0	Straight Male Stud Coupling ORB	10	06 ORB	31	19	22	•			
VS8059-S10-08-0	Straight Male Stud Coupling ORB	10	08 ORB	31	24	22	•			
VS8059-S12-08-0	Straight Male Stud Coupling ORB	12	08 ORB	33.5	24	24	•			
VS8059-S12-10-0	Straight Male Stud Coupling ORB	12	10 ORB	32.5	27	24	•			
VS8059-S14-08-0	Straight Male Stud Coupling ORB	14	08 ORB	37	24	27	•			
VS8059-S16-08-0	Straight Male Stud Coupling ORB	16	08 ORB	37	30	30	•			
VS8059-S16-10-0	Straight Male Stud Coupling ORB	16	10 ORB	33.5	30	30	•			
VS8059-S16-12-0	Straight Male Stud Coupling ORB	16	12 ORB	37	32	30	•			
VS8059-S20-10-0	Straight Male Stud Coupling ORB	20	10 ORB	42	32	36	•			
VS8059-S20-12-0	Straight Male Stud Coupling ORB	20	12 ORB	42	32	36	•			
VS8059-S25-12-0	Straight Male Stud Coupling ORB	25	12 ORB	47	41	46	•			
VS8059-S25-16-0	Straight Male Stud Coupling ORB	25	16 ORB	47	41	46	•			
VS8059-S30-12-0	Straight Male Stud Coupling ORB	30	12 ORB	50	46	50	•			
VS8059-S30-16-0	Straight Male Stud Coupling ORB	30	16 ORB	50	46	50	•			
VS8059-S30-20-0	Straight Male Stud Coupling ORB	30	20 ORB	50	50	50	•			
VS8059-S38-20-0	Straight Male Stud Coupling ORB	38	20 ORB	57	55	60	•			
VS8059-S38-24-0	Straight Male Stud Coupling ORB	38	24 ORB	57	55	60	•			

DIN Metric Fittings

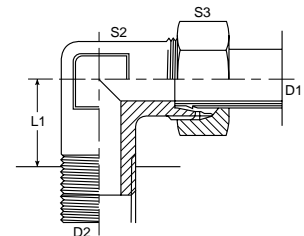
Straight Male Stud Coupling ISO VS8060 Series



Standard Material From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FB	SS	B
VS8060-L08-12-ISO	Straight Male Stud Coupling ISO	8	M 12X1.5	25	17	17	•			
VS8060-L10-14-ISO	Straight Male Stud Coupling ISO	10	M 14X1.5	26	19	19	•			
VS8060-L28-33-ISO	Straight Male Stud Coupling ISO	28	M 33x2	34	41	41	•			
VS8060-S12-18-ISO	Straight Male Stud Coupling ISO	12	M 18x1.5	33	24	24	•			
VS8060-S20-27-ISO	Straight Male Stud Coupling ISO	20	M 27x2	42	27	30	•			
VS8060-S25-33-ISO	Straight Male Stud Coupling ISO	25	M 33x2	47	41	46	•			

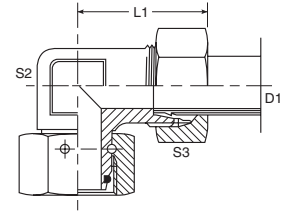
Male Stud Elbow Metric Taper VS8202 Series



Standard Material From Stock

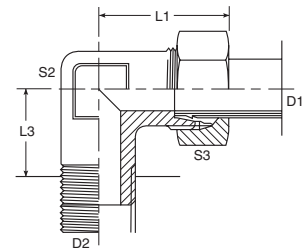
PRODUCT ID	DESCRIPTION	D1	D2	L1	S2	S3	Standard Material From Stock			
							S	FB	SS	B
VS8202-L06-10	Male Stud Elbow Metric Taper	6	M 10x1 KEG	21	14	12	•			
VS8202-L08-12	Male Stud Elbow Metric Taper	8	M 12x1.5 KEG	29	17	14	•			
VS8202-L10-14	Male Stud Elbow Metric Taper	10	M 14x1.5 KEG	30	19	17	•			
VS8202-L12-16	Male Stud Elbow Metric Taper	12	M 16x1.5 KEG	32	22	19	•			
VS8202-L15-18	Male Stud Elbow Metric Taper	15	M 18x1.5 KEG	36	27	19	•			
VS8202-L18-22	Male Stud Elbow Metric Taper	18	M 22x1.5 KEG	40	32	24	•			
VS8202-LL04-08	Male Stud Elbow Metric Taper	4	M 08x1.5 KEG	21	10	9	•			
VS8202-LL06-10	Male Stud Elbow Metric Taper	6	M 10x1.5 KEG	21	12	11	•			
VS8202-LL08-10	Male Stud Elbow Metric Taper	8	M 10x1.5 KEG	23	14	12	•			
VS8202-S06-12	Male Stud Elbow Metric Taper	6	M 12x1.5 KEG	31	17	14	•			
VS8202-S08-14	Male Stud Elbow Metric Taper	8	M 14x1.5 KEG	32	19	17	•			
VS8202-S10-16	Male Stud Elbow Metric Taper	10	M 16x1.5 KEG	34	22	19	•			
VS8202-S12-18	Male Stud Elbow Metric Taper	12	M 18x1.5 KEG	38	24	22	•			
VS8202-S14-20	Male Stud Elbow Metric Taper	14	M 20x1.5 KEG	40	27	19	•			
VS8202-S16-22	Male Stud Elbow Metric Taper	16	M 22x1.5 KEG	43	30	24	•			

Adjustable Elbow Body VS8204 Series



PRODUCT ID	DESCRIPTION	D1	L1	S2	S3	Standard Material From Stock			
						S	FB	SS	B
VS8204-L06	Adjustable Elbow Body	6	27	14	12	•			
VS8204-L08	Adjustable Elbow Body	8	29	17	12	•			
VS8204-L10	Adjustable Elbow Body	10	30	19	14	•			
VS8204-L12	Adjustable Elbow Body	12	32	22	18	•			
VS8204-L15	Adjustable Elbow Body	15	36	27	19	•			
VS8204-L18	Adjustable Elbow Body	18	40	32	24	•			
VS8204-L22	Adjustable Elbow Body	22	44	36	27	•			
VS8204-L28	Adjustable Elbow Body	28	47	41	36	•			
VS8204-L35	Adjustable Elbow Body	35	56	50	41	•			
VS8204-L42	Adjustable Elbow Body	42	63	60	50	•			
VS8204-S06	Adjustable Elbow Body	6	31	17	12	•			
VS8204-S08	Adjustable Elbow Body	8	32	19	14	•			
VS8204-S10	Adjustable Elbow Body	10	34	22	17	•			
VS8204-S12	Adjustable Elbow Body	12	38	24	17	•			
VS8204-S14	Adjustable Elbow Body	14	40	27	19	•			
VS8204-S16	Adjustable Elbow Body	16	43	30	24	•			
VS8204-S20	Adjustable Elbow Body	20	48	36	27	•			
VS8204-S25	Adjustable Elbow Body	25	54	46	36	•			
VS8204-S30	Adjustable Elbow Body	30	62	50	41	•			
VS8204-S38	Adjustable Elbow Body	38	72	60	50	•			

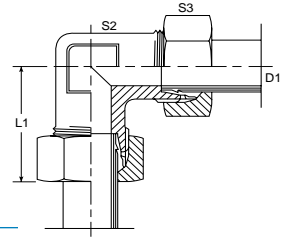
Male Stud Elbow BSPT VS8207 Series



PRODUCT ID	DESCRIPTION	D1	D2	L1	L3	S2	S3	Standard Material From Stock			
								S	FB	SS	B
VS8207-L06-02	Male Stud Elbow BSPT	6	R 1/8 KEG	27	15	12	14	•			
VS8207-L08-04	Male Stud Elbow BSPT	8	R 1/4 KEG	29	18	14	17	•			
VS8207-L10-04	Male Stud Elbow BSPT	10	R 1/4 KEG	30	19	17	19	•			
VS8207-L10-06	Male Stud Elbow BSPT	10	R 3/8 KEG	31	20	19	19	•			
VS8207-L12-06	Male Stud Elbow BSPT	12	R 3/8 KEG	32	20	19	22	•			
VS8207-L12-08	Male Stud Elbow BSPT	12	R 1/2 KEG	35	24	19	22	•			
VS8207-L15-08	Male Stud Elbow BSPT	15	R 1/2 KEG	36	24	19	27	•			
VS8207-L18-08	Male Stud Elbow BSPT	18	R 1/2 KEG	40	26.5	24	32	•			
VS8207-L22-12	Male Stud Elbow BSPT	22	R 3/4 KEG	44	31	27	36	•			
VS8207-LL04-02	Male Stud Elbow BSPT	4	R 1/8 KEG	21	12	11	10	•			
VS8207-LL06-02	Male Stud Elbow BSPT	6	R 1/8 KEG	21	12	11	12	•			
VS8207-LL08-02	Male Stud Elbow BSPT	8	R 1/8 KEG	23	15	12	14	•			
VS8207-S06-04	Male Stud Elbow BSPT	3	R 1/4 KEG	31	18	14	17	•			
VS8207-S08-04	Male Stud Elbow BSPT	8	R 1/4 KEG	31	19	17	19	•			
VS8207-S10-06	Male Stud Elbow BSPT	10	R 3/8 KEG	34	20	19	22	•			
VS8207-S12-06	Male Stud Elbow BSPT	12	R 3/8 KEG	38	20	22	24	•			
VS8207-S14-08	Male Stud Elbow BSPT	14	R 1/2 KEG	40	22.5	19	27	•			
VS8207-S16-08	Male Stud Elbow BSPT	16	R 1/2 KEG	43	22.5	24	30	•			
VS8207-S20-12	Male Stud Elbow BSPT	20	R 3/4 KEG	48	31	27	36	•			

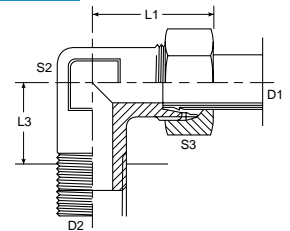
DIN Metric Fittings

Elbow Coupling VS8210 Series



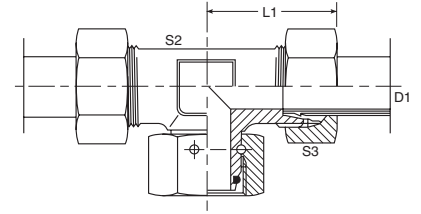
PRODUCT ID	DESCRIPTION	D1	L1	S2	S3	Standard Material From Stock			
						S	FB	SS	B
VS8210-L06	Elbow Coupling	6	27	14	12	•			
VS8210-L08	Elbow Coupling	8	29	17	14	•			
VS8210-L10	Elbow Coupling	10	30	19	17	•			
VS8210-L12	Elbow Coupling	12	32	22	19	•			
VS8210-L15	Elbow Coupling	15	36	27	19	•			
VS8210-L18	Elbow Coupling	18	40	32	24	•			
VS8210-L22	Elbow Coupling	22	44	36	27	•			
VS8210-L28	Elbow Coupling	28	47	41	36	•			
VS8210-L35	Elbow Coupling	32	56	50	41	•			
VS8210-L42	Elbow Coupling	42	63	60	50	•			
VS8210-LL04	Elbow Coupling	4	21	10	9	•			
VS8210-LL06	Elbow Coupling	6	21	12	11	•			
VS8210-LL08	Elbow Coupling	8	23	14	12	•			
VS8210-S06	Elbow Coupling	6	31	17	14	•			
VS8210-S08	Elbow Coupling	8	3	19	17	•			
VS8210-S10	Elbow Coupling	10	34	22	19	•			
VS8210-S12	Elbow Coupling	12	38	24	22	•			
VS8210-S14	Elbow Coupling	14	40	27	19	•			
VS8210-S16	Elbow Coupling	16	43	30	24	•			
VS8210-S20	Elbow Coupling	20	48	36	27	•			
VS8210-S25	Elbow Coupling	25	54	46	36	•			
VS8210-S30	Elbow Coupling	30	62	50	41	•			
VS8210-S38	Elbow Coupling	38	72	60	50	•			

Male Stud Elbow NPTF VS8258 Series



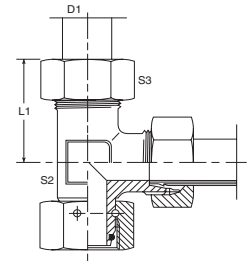
PRODUCT ID	DESCRIPTION	D1	D2	L1	L3	S2	S3	Standard Material From Stock			
								S	FB	SS	B
VS8258-L06-02	Male Stud Elbow NPTF	6	1/8 NPT	27	15.9	12	14	•			
VS8258-L06-04	Male Stud Elbow NPTF	6	1/4 NPT	29	20.2	14	14	•			
VS8258-L08-04	Male Stud Elbow NPTF	8	1/4 NPT	29	20.2	14	17	•			
VS8258-L10-04	Male Stud Elbow NPTF	10	1/4 NPT	30	21.2	17	19	•			
VS8258-L12-04	Male Stud Elbow NPTF	12	1/4 NPT	32	22.2	19	22	•			
VS8258-L12-06	Male Stud Elbow NPTF	12	3/8 NPT	32	21.9	19	22	•			
VS8258-L12-08	Male Stud Elbow NPTF	12	1/2 NPT	36	19.5	24	22	•			
VS8258-L15-08	Male Stud Elbow NPTF	15	1/2 NPT	39	22.5	24	27	•			
VS8258-L18-08	Male Stud Elbow NPTF	18	1/2 NPT	47	32.5	36	41	•			
VS8258-L22-12	Male Stud Elbow NPTF	22	3/4 NPT	44	28.5	27	36	•			
VS8258-L28-16	Male Stud Elbow NPTF	28	1 NPT	47	32.5	36	41	•			
VS8258-L35-20	Male Stud Elbow NPTF	35	1-1/4 NPT	56	37	41	50	•			
VS8258-L42-24	Male Stud Elbow NPTF	42	1-1/2 NPT	63	44	50	60	•			
VS8258-LL04-02	Male Stud Elbow NPTF	4	1/8 NPT	21	11.5	11	10	•			
VS8258-LL06-02	Male Stud Elbow NPTF	6	1/8 NPT	21	11.5	11	12	•			
VS8258-LL08-02	Male Stud Elbow NPTF	8	1/8 NPT	23	15.9	12	14	•			
VS8258-S06-04	Male Stud Elbow NPTF	6	1/4 NPT	31	20.2	14	17	•			
VS8258-S08-04	Male Stud Elbow NPTF	8	1/4 NPT	32	21.2	17	19	•			
VS8258-S10-06	Male Stud Elbow NPTF	10	3/8 NPT	34	21.9	19	22	•			
VS8258-S12-06	Male Stud Elbow NPTF	12	3/8 NPT	38	22.9	22	24	•			
VS8258-S14-08	Male Stud Elbow NPTF	14	1/2 NPT	43	19.5	24	27	•			
VS8258-S16-08	Male Stud Elbow NPTF	16	1/2 NPT	43	19.5	24	30	•			
VS8258-S20-12	Male Stud Elbow NPTF	20	3/4 NPT	48	28.5	27	36	•			
VS8258-S25-16	Male Stud Elbow NPTF	25	1 NPT	54	32.5	36	46	•			
VS8258-S30-20	Male Stud Elbow NPTF	30	1-1/4 NPT	62	37	41	50	•			
VS8258-S38-24	Male Stud Elbow NPTF	38	1-1/2 NPT	72	44	50	60	•			

Adjustable Branch Tee Body VS8304-B Series



PRODUCT ID	DESCRIPTION	D1	L1	S2	S3	Standard Material From Stock			
						S	FB	SS	B
VS8304-B-L06	Adjustable Branch Tee Body	6	27	14	12	•			
VS8304-B-L08	Adjustable Branch Tee Body	8	29	17	12	•			
VS8304-B-L10	Adjustable Branch Tee Body	10	30	19	14	•			
VS8304-B-L12	Adjustable Branch Tee Body	12	32	22	17	•			
VS8304-B-L15	Adjustable Branch Tee Body	15	36	2	19	•			
VS8304-B-L18	Adjustable Branch Tee Body	18	40	32	24	•			
VS8304-B-L22	Adjustable Branch Tee Body	22	44	36	27	•			
VS8304-B-L28	Adjustable Branch Tee Body	28	47	41	36	•			
VS8304-B-L35	Adjustable Branch Tee Body	35	56	50	41	•			
VS8304-B-L42	Adjustable Branch Tee Body	42	63	60	50	•			
VS8304-B-S06	Adjustable Branch Tee Body	6	31	17	12	•			
VS8304-B-S08	Adjustable Branch Tee Body	8	32	19	14	•			
VS8304-B-S10	Adjustable Branch Tee Body	10	34	22	17	•			
VS8304-B-S12	Adjustable Branch Tee Body	12	38	24	17	•			
VS8304-B-S14	Adjustable Branch Tee Body	14	40	27	19	•			
VS8304-B-S16	Adjustable Branch Tee Body	16	43	30	24	•			
VS8304-B-S20	Adjustable Branch Tee Body	20	48	36	27	•			
VS8304-B-S25	Adjustable Branch Tee Body	25	54	46	36	•			
VS8304-B-S30	Adjustable Branch Tee Body	30	62	50	41	•			
VS8304-B-S38	Adjustable Branch Tee Body	38	72	60	50	•			

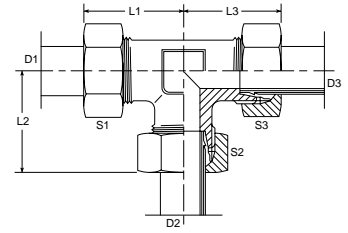
Adjustable Barrel Tee Body VS8304-R Series



PRODUCT ID	DESCRIPTION	D1	L1	S2	S3	Standard Material From Stock			
						S	FB	SS	B
VS8304-R-L06	Adjustable Barrel Tee Body	6	27	14	12	•			
VS8304-R-L08	Adjustable Barrel Tee Body	8	29	17	12	•			
VS8304-R-L10	Adjustable Barrel Tee Body	10	30	19	14	•			
VS8304-R-L12	Adjustable Barrel Tee Body	12	32	22	17	•			
VS8304-R-L15	Adjustable Barrel Tee Body	15	36	27	19	•			
VS8304-R-L18	Adjustable Barrel Tee Body	18	40	32	24	•			
VS8304-R-L18	Adjustable Barrel Tee Body	18	40	32	24	•			
VS8304-R-L22	Adjustable Barrel Tee Body	22	44	36	27	•			
VS8304-R-L28	Adjustable Barrel Tee Body	28	47	41	36	•			
VS8304-R-L35	Adjustable Barrel Tee Body	35	56	50	41	•			
VS8304-R-L42	Adjustable Barrel Tee Body	42	63	60	50	•			
VS8304-R-S06	Adjustable Barrel Tee Body	6	31	17	12	•			
VS8304-R-S08	Adjustable Barrel Tee Body	8	32	19	14	•			
VS8304-R-S10	Adjustable Barrel Tee Body	10	34	22	17	•			
VS8304-R-S12	Adjustable Barrel Tee Body	12	38	24	17	•			
VS8304-R-S14	Adjustable Barrel Tee Body	14	41	27	19	•			
VS8304-R-S16	Adjustable Barrel Tee Body	16	43	30	24	•			
VS8304-R-S20	Adjustable Barrel Tee Body	20	48	36	27	•			
VS8304-R-S25	Adjustable Barrel Tee Body	25	54	46	36	•			
VS8304-R-S30	Adjustable Barrel Tee Body	30	62	50	41	•			
VS8304-R-S38	Adjustable Barrel Tee Body	38	72	60	50	•			

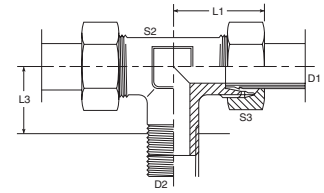
DIN Metric Fittings

Tee Coupling VS8310 Series



PRODUCT ID	DESCRIP.	D1	D2	D3	L1	L2	L3	S1 HEX	S2 HEX	S3 HEX	S2 FLATS	Standard Material From Stock			
												S	FB	SS	B
VS8310-L06	Tee Coupling	6	6	6	27	27	27	14	14	14	12	•			
VS8310-L08	Tee Coupling	8	8	8	29	29	29	17	17	17	14	•			
VS8310-L08-06-08	Tee Coupling	8	6	8	29	28.5	29	17	14	17	14	•			
VS8310-L10	Tee Coupling	10	10	10	30	30	30	19	19	19	17	•			
VS8310-L10-06-10	Tee Coupling	10	6	10	30	29.5	30	19	14	19	17	•			
VS8310-L10-08-10	Tee Coupling	10	8	10	30	30	30	19	17	19	17	•			
VS8310-L10-10-06	Tee Coupling	10	10	6	30	30	29.5	19	19	14	17	•			
VS8310-L10-12-10	Tee Coupling	10	10	10	30	30	30	19	22	19	17	•			
VS8310-L12	Tee Coupling	12	12	12	32	32	32	22	22	22	19	•			
VS8310-L12-06-12	Tee Coupling	12	6	12	31.5	31.5	31.5	22	14	22	19	•			
VS8310-L12-08-12	Tee Coupling	12	8	12	31.5	32	31.5	22	17	22	19	•			
VS8310-L15	Tee Coupling	15	15	15	36	36	36	27	27	27	19	•			
VS8310-L15-06-15	Tee Coupling	15	6	15	36	36	36	27	14	27	19	•			
VS8310-L15-08-15	Tee Coupling	15	8	15	36	36	36	27	17	27	19	•			
VS8310-L15-10-15	Tee Coupling	15	10	15	36	36	36	27	19	27	19	•			
VS8310-L15-12-15	Tee Coupling	15	12	15	36	35.5	35.5	27	22	27	19	•			
VS8310-L18	Tee Coupling	18	18	18	40	40	40	32	32	32	24	•			
VS8310-L18-10-18	Tee Coupling	18	10	18	40	39	40	32	19	32	24	•			
VS8310-L18-12-18	Tee Coupling	18	12	18	40	38.5	40	32	22	32	24	•			
VS8310-L18-15-18	Tee Coupling	18	15	18	40	39	40	32	27	32	24	•			
VS8310-L22	Tee Coupling	22	22	22	44	44	44	36	36	36	27	•			
VS8310-L22-10-22	Tee Coupling	22	10	22	44	43	44	36	19	36	27	•			
VS8310-L22-12-22	Tee Coupling	22	12	22	44	42.5	44	36	22	36	27	•			
VS8310-L22-15-22	Tee Coupling	22	15.8	22	44	43	44	36	27	36	27	•			
VS8310-L22-18-18	Tee Coupling	22	18	18	44	44	44	36	32	32	27	•			
VS8310-L22-18-22	Tee Coupling	22	18	22	44	44	44	36	32	36	27	•			
VS8310-L22-22-18	Tee Coupling	22	22	18	44	44	44	36	36	32	27	•			
VS8310-L28	Tee Coupling	28	28	28	47	47	47	41	41	41	36	•			
VS8310-L28-12-28	Tee Coupling	28	12	28	47	45.5	47	41	22	41	36	•			
VS8310-L28-15-28	Tee Coupling	28	15	28	47	46	47	41	27	41	36	•			
VS8310-L28-18-28	Tee Coupling	28	18	28	47	47	47	41	32	41	36	•			
VS8310-L28-22-28	Tee Coupling	28	22	28	47	47	47	41	36	41	36	•			
VS8310-L42	Tee Coupling	42	42	42	63	63	63	60	60	60	50	•			
VS8310-LL04	Tee Coupling	4	4	4	21	21	21	10	10	10	9	•			
VS8310-LL06	Tee Coupling	6	6	6	21	21	21	12	12	12	11	•			
VS8310-LL08	Tee Coupling	8	8	8	23	23	23	14	14	14	12	•			
VS8310-S06	Tee Coupling	6	6	6	31	31	31	17	17	17	14	•			
VS8310-S10	Tee Coupling	10	10	10	34	34	34	22	22	22	19	•			
VS8310-S10-06-10	Tee Coupling	10	6	10	33.5	33	33.6	22	17	22	19	•			
VS8310-S12	Tee Coupling	12	12	12	38	38	38	24	24	24	22	•			
VS8310-S12-08-12	Tee Coupling	12	8	12	37.5	37	37.5	24	19	24	22	•			
VS8310-S12-10-12	Tee Coupling	12	10	12	37.5	37.5	37.5	24	22	24	22	•			
VS8310-S14	Tee Coupling	14	14	14	40	40	40	27	27	27	19	•			
VS8310-S16	Tee Coupling	16	16	16	43	43	43	30	30	30	24	•			
VS8310-S16-08-16	Tee Coupling	16	8	16	43	41	43	30	19	30	24	•			
VS8310-S16-10-16	Tee Coupling	16	10	16	43	41.5	43	30	22	30	24	•			
VS8310-S16-12-16	Tee Coupling	16	12	16	43	41.5	43	30	24	30	24	•			
VS8310-S20	Tee Coupling	20	20	20	48	48	48	36	36	36	27	•			
VS8310-S20-10-20	Tee Coupling	20	10	20	45	45.5	45.5	36	22	36	27	•			
VS8310-S20-12-20	Tee Coupling	20	12	20	45	45.5	45	36	24	36	27	•			
VS8310-S20-16-20	Tee Coupling	20	16	20	45	47	45	36	30	36	27	•			
VS8310-S25	Tee Coupling	25	25	25	54	54	54	46	46	46	36	•			
VS8310-S25-16-25	Tee Coupling	25	16	25	54	52	54	46	30	46	36	•			
VS8310-S25-20-25	Tee Coupling	25	20	25	54	50	54	46	36	46	36	•			
VS8310-S30	Tee Coupling	30	30	30	62	62	62	50	50	50	41	•			
VS8310-S38	Tee Coupling	38	38	38	72	72	72	60	60	60	50	•			

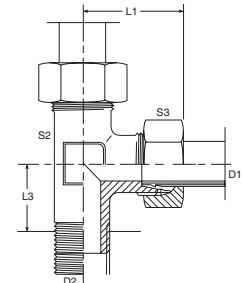
Male Stud Branch Tee Metric Taper VS8352-B Series



Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	L3	S2	S3	Standard Material From Stock			
								S	FB	SS	B
VS8352-B-L06-10	Male Stud Branch Tee Metric Taper	6	M 10x1A	27	15	14	12	•			
VS8352-B-L08-12	Male Stud Branch Tee Metric Taper	8	M 12x1.5	29	18	17	14	•			
VS8352-B-L10-14	Male Stud Branch Tee Metric Taper	10	M 14x1.5	30	19	19	17	•			
VS8352-B-L12-16	Male Stud Branch Tee Metric Taper	12	M 16x1.5	32	20	22	19	•			
VS8352-B-L15-18	Male Stud Branch Tee Metric Taper	15	M 18x1.5	36	24	27	19	•			
VS8352-B-L18-22	Male Stud Branch Tee Metric Taper	18	M 22x1.5	40	26.5	32	24	•			
VS8352-B-LL04-08	Male Stud Branch Tee Metric Taper	4	M 8x1	21	12	10	9	•			
VS8352-B-LL06-10	Male Stud Branch Tee Metric Taper	6	M 10x1A	21	12	12	11	•			
VS8352-B-LL08-10	Male Stud Branch Tee Metric Taper	8	M 10x1A	23	15	14	12	•			
VS8352-B-S06-12	Male Stud Branch Tee Metric Taper	6	M 12x1.5	31	18	17	14	•			
VS8352-B-S10-16	Male Stud Branch Tee Metric Taper	10	M 16x1.5	34	20	22	19	•			
VS8352-B-S12-18	Male Stud Branch Tee Metric Taper	12	M 18x1.5	38	20	24	22	•			
VS8352-B-S14-20	Male Stud Branch Tee Metric Taper	14	M 20x1.5	40	22.5	27	19	•			
VS8352-B-S16-22	Male Stud Branch Tee Metric Taper	16	M 22x1.5	43	22.5	30	24	•			

Male Stud Barrel Tee Metric Taper VS8352-R Series

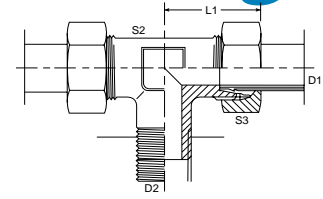


Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	L3	S2	S3	Standard Material From Stock			
								S	FB	SS	B
VS8352-R-L06-10	Male Stud Barrel Tee Metric Taper	6	M 10x1 KEG	27	15	14	12	•			
VS8352-R-L10-14	Male Stud Barrel Tee Metric Taper	10	M 14x1.5 KEG	30	19	19	17	•			
VS8352-R-L12-16	Male Stud Barrel Tee Metric Taper	12	M 16x1.5 KEG	32	20	22	19	•			
VS8352-R-L15-18	Male Stud Barrel Tee Metric Taper	15	M 18x1.5 KEG	36	24	27	19	•			
VS8352-R-L18-22	Male Stud Barrel Tee Metric Taper	18	M 22x1.5 KEG	40	26.5	32	24	•			
VS8352-R-LL04-08	Male Stud Barrel Tee Metric Taper	4	M 8x1 KEG	21	12	10	9	•			
VS8352-R-LL06-10	Male Stud Barrel Tee Metric Taper	6	M 10x1 KEG	21	12	12	11	•			
VS8352-R-LL08-10	Male Stud Barrel Tee Metric Taper	8	M 10x1 KEG	23	15	14	12	•			
VS8352-R-S06-12	Male Stud Barrel Tee Metric Taper	6	M 12x1.5 KEG	31	18	17	14	•			
VS8352-R-S08-14	Male Stud Barrel Tee Metric Taper	8	M 14x1.5 KEG	32	19	19	17	•			
VS8352-R-S10-16	Male Stud Barrel Tee Metric Taper	10	M 16x1.5 KEG	34	20	22	19	•			
VS8352-R-S12-18	Male Stud Barrel Tee Metric Taper	12	M 18x1.5 KEG	38	20	24	22	•			
VS8352-R-S14-20	Male Stud Barrel Tee Metric Taper	14	M 20x1.5 KEG	40	22.5	27	19	•			
VS8352-R-S16-SS	Male Stud Barrel Tee Metric Taper	16	M 22x1.5 KEG	43	22.5	30	24	•			
VS8352R-L08-12	Male Stud Barrel Tee Metric Taper	8	M 12x1.5 KEG	29	18	17	14	•			

DIN Metric Fittings

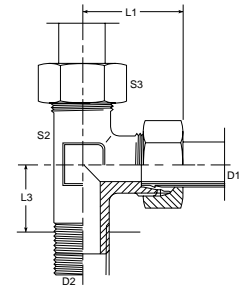
Male Stud Branch Tee BSPT VS8357-B Series



Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	L3	S2	S3	Standard Material From Stock				
								S	FB	SS	B	
VS8357-B-L06-02	Male Stud Branch Tee BSPT	6	R 1/8 KEG	27	15	14	12	•				
VS8357-B-L08-04	Male Stud Branch Tee BSPT	8	R 1/4 KEG	29	18	17	14	•				
VS8357-B-L10-04	Male Stud Branch Tee BSPT	10	R 1/4 KEG	30	19	19	17	•				
VS8357-B-L12-06	Male Stud Branch Tee BSPT	12	R 3/8 KEG	32	20	22	19	•				
VS8357-B-L15-08	Male Stud Branch Tee BSPT	15	R 1/2 KEG	36	24	27	19	•				
VS8357-B-L18-08	Male Stud Branch Tee BSPT	18	R 1/2 KEG	40	26.5	32	24	•				
VS8357-B-LL04-02	Male Stud Branch Tee BSPT	4	R 1/8 KEG	21	12	10	11	•				
VS8357-B-LL06-02	Male Stud Branch Tee BSPT	6	R 1/8 KEG	21	12	12	11	•				
VS8357-B-LL08-02	Male Stud Branch Tee BSPT	8	R 1/8 KEG	23	15	14	12	•				
VS8357-B-S06-04	Male Stud Branch Tee BSPT	6	R 1/4 KEG	31	18	17	14	•				
VS8357-B-S08-04	Male Stud Branch Tee BSPT	8	R 1/4 KEG	32	19	19	17	•				
VS8357-B-S10-06	Male Stud Branch Tee BSPT	10	R 3/8 KEG	34	20	22	19	•				
VS8357-B-S12-06	Male Stud Branch Tee BSPT	12	R 3/8 KEG	38	20	24	22	•				
VS8357-B-S14-08	Male Stud Branch Tee BSPT	14	R 1/2 KEG	40	22.5	27	19	•				
VS8357-B-S16-08	Male Stud Branch Tee BSPT	16	R 1/2 KEG	43	22.5	30	24	•				

Male Stud Barrel Tee BSPT VS8357-R Series

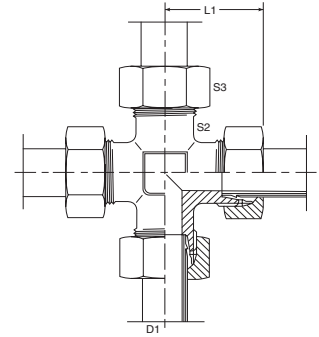


Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	D2	L1	L3	S2	S3	Standard Material From Stock				
								S	FB	SS	B	
VS8357-R-L06-02	Male Stud Barrel Tee BSPT	6	R 1/8 KEG	27	15	12	14	•				
VS8357-R-L08-04	Male Stud Barrel Tee BSPT	8	R 1/4 KEG	29	18	14	17	•				
VS8357-R-L10-04	Male Stud Barrel Tee BSPT	10	R 1/4 KEG	30	19	17	19	•				
VS8357-R-L12-06	Male Stud Barrel Tee BSPT	12	R 3/8 KEG	32	20	19	22	•				
VS8357-R-L15-08	Male Stud Barrel Tee BSPT	15	R 1/2 KEG	36	24	19	27	•				
VS8357-R-L18-08	Male Stud Barrel Tee BSPT	18	R 1/2 KEG	40	26.5	24	32	•				
VS8357-R-LL04-02	Male Stud Barrel Tee BSPT	4	R 1/8 KEG	21	12	11	12	•				
VS8357-R-LL06-02	Male Stud Barrel Tee BSPT	6	R 1/8 KEG	21	12	11	12	•				
VS8357-R-LL08-02	Male Stud Barrel Tee BSPT	8	R 1/8 KEG	23	15	12	14	•				
VS8357-R-S06-04	Male Stud Barrel Tee BSPT	6	R 1/4 KEG	31	18	14	17	•				
VS8357-R-S08-04	Male Stud Barrel Tee BSPT	8	R 1/4 KEG	32	19	17	19	•				
VS8357-R-S10-06	Male Stud Barrel Tee BSPT	10	R 3/8 KEG	34	20	19	22	•				
VS8357-R-S12-06	Male Stud Barrel Tee BSPT	12	R 3/8 KEG	38	20	22	24	•				
VS8357-R-S14-08	Male Stud Barrel Tee BSPT	14	R 1/2 KEG	40	22.5	19	27	•				
VS8357-R-S16-08	Male Stud Barrel Tee BSPT	16	R 1/2 KEG	43	-	24	30	•				

Cross Coupling

VS8410 Series

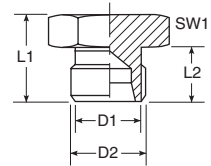


Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	L1	S2	S3	Standard Material From Stock			
						S	FB	SS	B
VS8410-L06-06-06-06	Cross Coupling	6	27	14	12	•			
VS8410-L08-08-08-08	Cross Coupling	8	29	17	12	•			
VS8410-L10-10-10-10	Cross Coupling	10	30	19	14	•			
VS8410-L12-12-12-12	Cross Coupling	12	32	22	17	•			
VS8410-L15-15-15-15	Cross Coupling	15	36	27	19	•			
VS8410-L18-18-18-18	Cross Coupling	18	40	32	24	•			
VS8410-L22-22-22-22	Cross Coupling	22	44	36	27	•			
VS8410-L28-28-28-28	Cross Coupling	28	47	41	36	•			
VS8410-L35-35-35-35	Cross Coupling	35	56	50	41	•			
VS8410-LL04-04-04-04	Cross Coupling	4	21	10	7	•			
VS8410-LL06-06-06-06	Cross Coupling	6	21	12	9	•			
VS8410-LL08-08-08-08	Cross Coupling	8	23	14	12	•			
VS8410-S06-06-06-06	Cross Coupling	6	31	17	12	•			
VS8410-S08-08-08-08	Cross Coupling	8	32	19	14	•			
VS8410-S10-10-10-10	Cross Coupling	10	34	22	17	•			
VS8410-S12-12-12-12	Cross Coupling	12	39	24	17	•			
VS8410-S14-14-14-14	Cross Coupling	14	40	27	19	•			
VS8410-S16-16-16-16	Cross Coupling	16	43	30	24	•			
VS8410-S20-20-20-20	Cross Coupling	20	48	36	27	•			
VS8410-S25-25-25-25	Cross Coupling	25	54	46	36	•			

Tube Cap

VS8510 Series

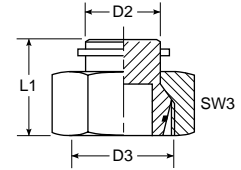


Standard Material
From Stock

PRODUCT ID	DESCRIP.	D1	D2	L1	SW1	Standard Material From Stock			
						S	FB	SS	B
VS8510-L06	Tube Cap	6	M 12x1.5	14	12	•			
VS8510-L08	Tube Cap	8	M 14x1.5	15	14	•			
VS8510-L10	Tube Cap	10	M 16x1.5	16	17	•			
VS8510-L12	Tube Cap	12	M 18x1.5	17	19	•			
VS8510-L15	Tube Cap	15	M 22x1.5	18	24	•			
VS8510-L18	Tube Cap	18	M 26x1.5	19	27	•			
VS8510-L22	Tube Cap	22	M 30x2	21	32	•			
VS8510-L28	Tube Cap	28	M 36x2	22	41	•			
VS8510-L35	Tube Cap	35	M 45x2	25	46	•			
VS8510-L42	Tube Cap	42	M 52x2	27	55	•			
VS8510-S06	Tube Cap	6	M 14x1.5	18	14	•			
VS8510-S08	Tube Cap	8	M 16x1.5	20	17	•			
VS8510-S10	Tube Cap	10	M 18x1.5	20	19	•			
VS8510-S12	Tube Cap	12	M 20x1.5	22	22	•			
VS8510-S14	Tube Cap	14	M 22x1.5	24	24	•			
VS8510-S16	Tube Cap	16	M 24x1.5	24	27	•			
VS8510-S20	Tube Cap	20	M 30x2	28	32	•			
VS8510-S25	Tube Cap	25	M 36x2	32	41	•			
VS8510-S30	Tube Cap	30	M 42x2	34	46	•			
VS8510-S38	Tube Cap	38	M 52x2	39	55	•			

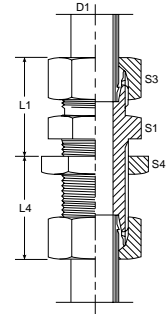
DIN Metric Fittings

Tube Plug VS8511 Series



PRODUCT ID	DESCRIPTION	D2	D3	L1	SW3	Standard Material From Stock			
						S	FB	SS	B
VS8511-L06	Tube Plug	6	M 12x1	18	14	•			
VS8511-L08	Tube Plug	8	M 14x1	19	17	•			
VS8511-L10	Tube Plug	10	M 16x1	2.5	19	•			
VS8511-L12	Tube Plug	12	M 18x1	22.5	22	•			
VS8511-L15	Tube Plug	15	M 22x1	22.5	27	•			
VS8511-L18	Tube Plug	18	M 26x1	24	32	•			
VS8511-L22	Tube Plug	22	M 30x2	26	36	•			
VS8511-L28	Tube Plug	28	M 36x2	28	41	•			
VS8511-L35	Tube Plug	35	M 42x2	31	50	•			
VS8511-L42	Tube Plug	42	M 52x2	31	60	•			
VS8511-S06	Tube Plug	6	M 14x1	18	17	•			
VS8511-S08	Tube Plug	8	M 16x1	19	19	•			
VS8511-S10	Tube Plug	10	M 18x1	22.5	22	•			
VS8511-S12	Tube Plug	12	M 20x1	22.5	24	•			
VS8511-S14	Tube Plug	14	M 22x1	22.5	27	•			
VS8511-S16	Tube Plug	16	M 24x1	24	30	•			
VS8511-S20	Tube Plug	20	M 30x2	31	36	•			
VS8511-S25	Tube Plug	25	M 36x2	31	46	•			
VS8511-S30	Tube Plug	30	M 42x2	31	50	•			
VS8511-S38	Tube Plug	38	M 52x2	31.5	60	•			

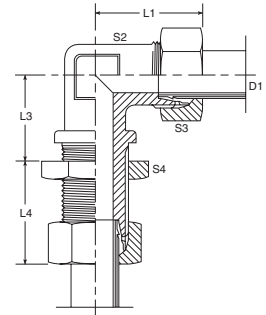
Straight Bulkhead Coupling VS8710 Series



PRODUCT ID	DESCRIPTION	D1	L1	L4	S1	S3	S4	Standard Material From Stock			
								S	FB	SS	B
VS8710-L06-06	Straight Bulkhead Coupling	6	22	42	17	14	17	•			
VS8710-L08-08	Straight Bulkhead Coupling	8	23	42	19	17	19	•			
VS8710-L10-10	Straight Bulkhead Coupling	10	25	43	22	19	22	•			
VS8710-L12-12	Straight Bulkhead Coupling	12	25	44	24	22	24	•			
VS8710-L15-15	Straight Bulkhead Coupling	15	27	46	27	27	30	•			
VS8710-L18-18	Straight Bulkhead Coupling	18	30	49	32	32	36	•			
VS8710-L22-22	Straight Bulkhead Coupling	22	33	51	36	36	41	•			
VS8710-L28-28	Straight Bulkhead Coupling	18	35	52	41	41	46	•			
VS8710-L35-35	Straight Bulkhead Coupling	35	40	58	50	50	55	•			
VS8710-L42-42	Straight Bulkhead Coupling	42	42	59	60	60	65	•			
VS8710-S06-06	Straight Bulkhead Coupling	6	27	44	19	17	19	•			
VS8710-S08-08	Straight Bulkhead Coupling	8	28	44	22	19	22	•			
VS8710-S10-10	Straight Bulkhead Coupling	10	31	46	24	22	24	•			
VS8710-S12-12	Straight Bulkhead Coupling	12	31	47	27	24	27	•			
VS8710-S14-14	Straight Bulkhead Coupling	14	35	50	30	27	30	•			
VS8710-S16-16	Straight Bulkhead Coupling	16	35	50	32	30	32	•			
VS8710-S20-20	Straight Bulkhead Coupling	20	39	55	41	36	41	•			
VS8710-S25-25	Straight Bulkhead Coupling	25	44	59	46	46	46	•			
VS8710-S30-30	Straight Bulkhead Coupling	30	48	64	50	50	50	•			
VS8710-S38-38	Straight Bulkhead Coupling	38	53	68	65	60	65	•			

Bulkhead Elbow

VS8720 Series

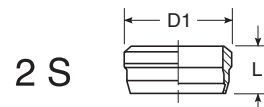


Standard Material
From Stock

PRODUCT ID	DESCRIPTION	D1	L1	L3	L4	S2	S3	S4	Standard Material From Stock			
									S	FG	SS	B
VS8720-L06-06	Bulkhead Elbow	6	27	14	42	12	14	17	•			
VS8720-L08-08	Bulkhead Elbow	8	29	17	42	12	17	19	•			
VS8720-L10-10	Bulkhead Elbow	10	30	18	43	14	19	22	•			
VS8720-L12-12	Bulkhead Elbow	12	32	20	44	17	22	24	•			
VS8720-L15-15	Bulkhead Elbow	15	36	23	46	19	27	30	•			
VS8720-L18-18	Bulkhead Elbow	18	40	24	49	24	36	32	•			
VS8720-L22-22	Bulkhead Elbow	22	44	30	51	27	36	41	•			
VS8720-L28-28	Bulkhead Elbow	28	47	34	52	36	41	46	•			
VS8720-L35-35	Bulkhead Elbow	35	56	39	58	41	50	55	•			
VS8720-L42-42	Bulkhead Elbow	42	63	43	59	50	60	65	•			
VS8720-S06-06	Bulkhead Elbow	6	31	17	44	12	17	19	•			
VS8720-S08-08	Bulkhead Elbow	8	32	18	44	14	19	22	•			
VS8720-S10-10	Bulkhead Elbow	10	34	20	46	17	22	24	•			
VS8720-S12-12	Bulkhead Elbow	12	38	21	47	17	24	27	•			
VS8720-S14-14	Bulkhead Elbow	14	40	23	50	19	27	30	•			
VS8720-S16-16	Bulkhead Elbow	16	43	24	50	24	30	32	•			
VS8720-S20-20	Bulkhead Elbow	20	48	30	55	27	36	41	•			
VS8720-S25-25	Bulkhead Elbow	25	54	34	59	46	46	36	•			
VS8720-S30-30	Bulkhead Elbow	30	62	39	64	41	51	50	•			
VS8720-S38-38	Bulkhead Elbow	38	72	43	68	50	60	65	•			

Bite Ring

VS8860 Series

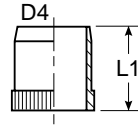


Standard Material
From Stock

PRODUCT ID	DESCRIP.	D1	L	Standard Material From Stock			
				S	FG	SS	B
VS8860-L06	Bite Ring	6	8.5	•			
VS8860-L08	Bite Ring	8	8.5	•			
VS8860-L10	Bite Ring	10	9.5	•			
VS8860-L12	Bite Ring	12	9.5	•			
VS8860-L15	Bite Ring	15	10	•			
VS8860-L18	Bite Ring	18	10	•			
VS8860-L22	Bite Ring	22	11.5	•			
VS8860-L28	Bite Ring	28	11.5	•			
VS8860-L35	Bite Ring	35	13.5	•			
VS8860-L42	Bite Ring	42	13.5	•			
VS8860-LL04	Bite Ring	4	6.5	•			
VS8860-LL06	Bite Ring	6	7.5	•			
VS8860-LL08	Bite Ring	8	7.5	•			
VS8860-S14	Bite Ring	14	10	•			
VS8860-S16	Bite Ring	16	10	•			
VS8860-S20	Bite Ring	20	11.5	•			
VS8860-S25	Bite Ring	25	11.5	•			
VS8860-S30	Bite Ring	30	13.5	•			
VS8860-S38	Bite Ring	38	13.5	•			

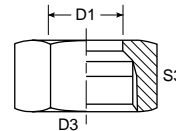
DIN Metric Fittings

Reinforcing Sleeve VS8890 Series



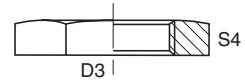
PRODUCT ID	DESCRIPTION	D4	L1	Standard Material From Stock			
				S	FG	SS	B
VS8890-04	Reinforcing Sleeve	4	15.5	•			
VS8890-04-5	Reinforcing Sleeve	4.5	12.5	•			
VS8890-05	Reinforcing Sleeve	5	12.5	•			
VS8890-06	Reinforcing Sleeve	6	15.5	•			
VS8890-06-5	Reinforcing Sleeve	6.5	12.5	•			
VS8890-07	Reinforcing Sleeve	7	17	•			
VS8890-08	Reinforcing Sleeve	8	16.5	•			
VS8890-08-5	Reinforcing Sleeve	8.5	16.5	•			
VS8890-09	Reinforcing Sleeve	9	16.5	•			
VS8890-10	Reinforcing Sleeve	10	16.5	•			
VS8890-10-5	Reinforcing Sleeve	10.5	16.5	•			
VS8890-12	Reinforcing Sleeve	12	18	•			
VS8890-12X15	Reinforcing Sleeve	12x15	17	•			
VS8890-13	Reinforcing Sleeve	13	17	•			
VS8890-15	Reinforcing Sleeve	15	17.5	•			
VS8890-16	Reinforcing Sleeve	16	17.5	•			
VS8890-18	Reinforcing Sleeve	18	22	•			
VS8890-19	Reinforcing Sleeve	19	18	•			
VS8890-20	Reinforcing Sleeve	20	18	•			
VS8890-24	Reinforcing Sleeve	24	18	•			
VS8890-25	Reinforcing Sleeve	25	18	•			
VS8890-31	Reinforcing Sleeve	31	22.5	•			

Nut VS8900 Series



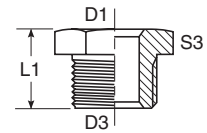
PRODUCT ID	DESC.	D1	D3	S3	Standard Material From Stock			
					S	FG	SS	B
VS8900-L06	Nut	6	M 12x1.5	14	•			
VS8900-L08	Nut	8	M 14x1.5	17	•			
VS8900-L10	Nut	10	M 16x1.5	19	•			
VS8900-L12	Nut	12	M 18x1.5	22	•			
VS8900-L15	Nut	15	M 22x1.5	27	•			
VS8900-L18	Nut	18	M 26x1.5	32	•			
VS8900-L22	Nut	22	M 30x2	36	•			
VS8900-L28	Nut	28	M 36x2	41	•			
VS8900-L35	Nut	35	M 45x2	50	•			
VS8900-L42	Nut	42	M 52x2	60	•			
VS8900-LL04	Nut	4	M 8x1	10	•			
VS8900-LL06	Nut	6	M 10x1	12	•			
VS8900-LL08	Nut	8	M 12x1	14	•			
VS8900-S06	Nut	8	M 16x1.5	19	•			
VS8900-S10	Nut	10	M 18x1.5	22	•			
VS8900-S12	Nut	14	M 22x1.5	27	•			
VS8900-S14	Nut	14	M 22x1.5	27	•			
VS8900-S16	Nut	16	M 24x1.5	30	•			
VS8900-S20	Nut	20	M 20x2	36	•			
VS8900-S25	Nut	25	M 36x2	46	•			
VS8900-S30	Nut	30	M 42x2	50	•			
VS8900-S38	Nut	38	M 52x2	60	•			

Hexagonal Bulkhead Nut VS8970 Series



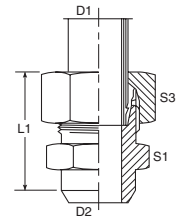
PRODUCT ID	DESCRIPTION	Tube OD	D3	S4	Standard Material From Stock			
					S	FB	SS	B
VS8970-L06	Hexagonal Bulkhead Nut	6	M 12x1.5	17	•			
VS8970-L08	Hexagonal Bulkhead Nut	8	M 14x1.5	19	•			
VS8970-L10	Hexagonal Bulkhead Nut	10	M 16x1.5	22	•			
VS8970-L12	Hexagonal Bulkhead Nut	12	M 18x1.5	24	•			
VS8970-L15	Hexagonal Bulkhead Nut	15	M 20x1.5	27	•			
VS8970-L18	Hexagonal Bulkhead Nut	18	M 22x1.5	30	•			
VS8970-L22	Hexagonal Bulkhead Nut	22	M 24x1.5	32	•			
VS8970-L28	Hexagonal Bulkhead Nut	28	M 26x1.5	36	•			
VS8970-L35	Hexagonal Bulkhead Nut	35	M 30x2	41	•			
VS8970-L42	Hexagonal Bulkhead Nut	42	M 36x2	46	•			
VS8970-S12	Hexagonal Bulkhead Nut	12	M 42x2	50	•			
VS8970-S16	Hexagonal Bulkhead Nut	16	M 45x2	55	•			
VS8970-S30	Hexagonal Bulkhead Nut	30	M 52x2	65	•			

Internal Coupling Nut VS9000 Series



PRODUCT ID	DESCRIPTION	D1	D3	L1	S3	Standard Material From Stock			
						S	FB	SS	B
VS9000-L06	Internal Coupling Nut	6	M 12x1.5	16	12	•			
VS9000-L08	Internal Coupling Nut	8	M 14x1.5	16	14	•			
VS9000-L10	Internal Coupling Nut	10	M 16x1.5	17	17	•			
VS9000-L12	Internal Coupling Nut	12	M 18x1.5	18	19	•			
VS9000-LL04	Internal Coupling Nut	4	M 8x1	12	8	•			
VS9000-LL06	Internal Coupling Nut	6	M 10x1	13	10	•			
VS9000-LL08	Internal Coupling Nut	8	M 12x1	14	12	•			

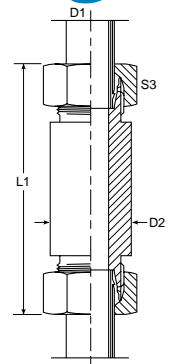
Welding Boss VS9500 Series



PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FB	SS	B
VS9500-L06 ES4	Welding Boss	6	10	29	12	14	•			
VS9500-L08 ES4	Welding Boss	8	12	31	14	17	•			
VS9500-L10 ES4	Welding Boss	10	14	33	17	19	•			
VS9500-L12 ES4	Welding Boss	12	16	33	19	22	•			
VS9500-L18 ES4	Welding Boss	12	16	33	19	22	•			
VS9500-L22 ES4	Welding Boss	22	27	45	32	36	•			
VS9500-L28 ES4	Welding Boss	28	32	47	41	41	•			
VS9500-L42 ES4	Welding Boss	42	46	58	55	60	•			
VS9500-S12 ES4	Welding Boss	12	17	41	22	24	•			
VS9500-S20 ES4	Welding Boss	20	26	51	32	36	•			

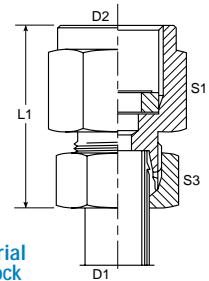
DIN Metric Fittings

Welding Bulkhead Connection VS9501 Series



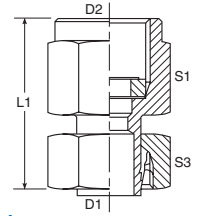
PRODUCT ID	DESCRIPTION	D1	D2	L1	S3	Standard Material From Stock			
						S	FG	SS	B
VS9501-L06	Welding Bulkhead Connection	6	18	85	14	•			
VS9501-L08	Welding Bulkhead Connection	8	20	85	17	•			
VS9501-L10	Welding Bulkhead Connection	10	22	87	19	•			
VS9501-L12	Welding Bulkhead Connection	12	25	87	22	•			
VS9501-L15	Welding Bulkhead Connection	15	28	100	27	•			
VS9501-L18	Welding Bulkhead Connection	18	32	101	32	•			
VS9501-L22	Welding Bulkhead Connection	22	36	105	36	•			
VS9501-L28	Welding Bulkhead Connection	28	40	106	41	•			
VS9501-L35	Welding Bulkhead Connection	35	50	114	50	•			
VS9501-L42	Welding Bulkhead Connection	42	60	115	60	•			
VS9501-S06	Welding Bulkhead Connection	6	20	89	17	•			
VS9501-S08	Welding Bulkhead Connection	8	22	89	19	•			
VS9501-S10	Welding Bulkhead Connection	10	25	91	22	•			
VS9501-S12	Welding Bulkhead Connection	12	28	91	24	•			
VS9501-S14	Welding Bulkhead Connection	14	30	107	27	•			
VS9501-S16	Welding Bulkhead Connection	16	35	107	30	•			
VS9501-S20	Welding Bulkhead Connection	20	38	114	36	•			
VS9501-S25	Welding Bulkhead Connection	25	45	120	46	•			
VS9501-S30	Welding Bulkhead Connection	30	50	126	50	•			
VS9501-S38	Welding Bulkhead Connection	38	60	133	60	•			

Gauge Coupling BSP VS9600 Series



PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FG	SS	B
VS9600-L06-04	Gauge Coupling BSP	6	G 1/4	37	19	14	•			
VS9600-L08-04	Gauge Coupling BSP	8	G 1/4	37	19	17	•			
VS9600-L10-04	Gauge Coupling BSP	10	G 1/4	38	19	19	•			
VS9600-L12-04	Gauge Coupling BSP	12	G 1/4	38	19	22	•			
VS9600-S06-08	Gauge Coupling BSP	6	G 1/2	46	27	17	•			
VS9600-S08-08	Gauge Coupling BSP	8	G 1/2	46	27	19	•			
VS9600-S10-08	Gauge Coupling BSP	10	G 1/2	47	27	22	•			
VS9600-S12-08	Gauge Coupling BSP	12	G 1/2	47	27	24	•			

Gauge Coupling Male Stud Type VS9601 Series



PRODUCT ID	DESCRIPTION	D1	D2	L1	S1	S3	Standard Material From Stock			
							S	FG	SS	B
VS9601-L06-04	Gauge Coupling Male Stud Type	8	G 1/4	38	19	17	•			
VS9601-L08-04	Gauge Coupling Male Stud Type	8	G 1/4	38	19	17	•			
VS9601-L10-04	Gauge Coupling Male Stud Type	10	G 1/4	39.5	19	19	•			
VS9601-L12-04	Gauge Coupling Male Stud Type	12	G 1/4	40.5	19	22	•			
VS9601-S06-08	Gauge Coupling Male Stud Type	6	G 1/2	45	27	17	•			
VS9601-S08-08	Gauge Coupling Male Stud Type	8	G 1/2	45	27	19	•			
VS9601-S10-08	Gauge Coupling Male Stud Type	10	G 1/2	47	27	22	•			
VS9601-S12-08	Gauge Coupling Male Stud Type	12	G 1/2	47.5	27	24	•			