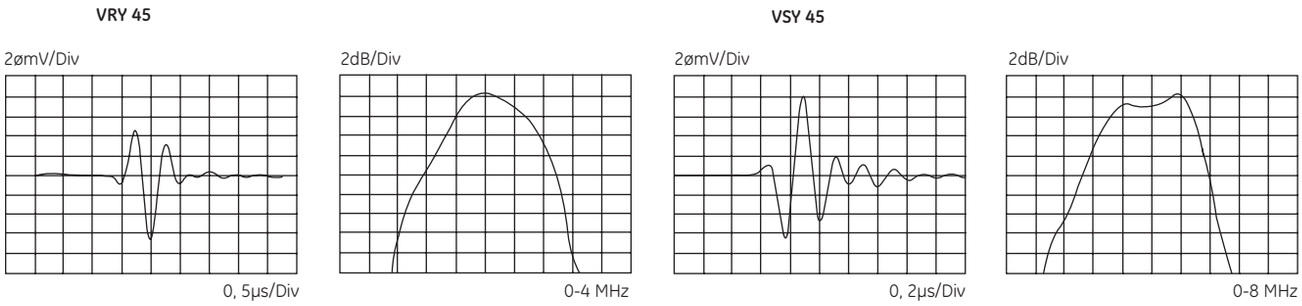
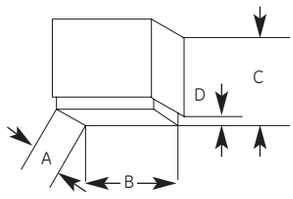
Angle Beam Transducers, Dual Element (TR)

Types VS, VRY and VSY



Typical waveform and frequency spectrum



Case Type	A		B		C		D	
	mm	in	mm	in	mm	in	mm	in
Type 30	14	0.55	24	0.94	22	0.87	2	0.08
Type 31	29	1.14	53.5	2.1	45	1.77	5	0.20
Type 32	15	0.59	30	1.8	27	1.06		

Type	Order Code	a x b mm	a x b in	f (MHz)	ß (Steel)	F mm	F in	Notes	Sketch
VS 45	57660	3.5 x 10	.14 x .39	4	45	10	0.4		Type 30
VS 45-EN	500194	3.5 x 10	.14 x .39	4	45	10	0.4	DIN EN 12668-2 compliant	
VS 60	57661	3.5 x 10	.14 x .39	4	60	10	0.4		
VS 60-EN	500195	3.5 x 10	.14 x .39	4	60	10	0.4	DIN EN 12668-2 compliant	
VS 70	57662	3.5 x 10	.14 x .39	4	70	10	0.4		
VS 70-EN	500196	3.5 x 10	.14 x .39	4	70	10	0.4	DIN EN 12668-2 compliant	
VRY 45	57663	10 x 22	.39 x .87	1.8	45	40	1.6	VRY and VSY angles are longitudinal (compression) wave suitable for testing coarse grain materials.	Type 31
VRY 60	57664	10 x 22	.39 x .87	1.8	60	35	1.4		
VRY 70	57665	10 x 22	.39 x .87	1.8	70	35	1.4		
VSY 45-2	67154	5 x 10	.20 x .39	2	45	16	0.6	70° models suitable for creeping wave excitation in mild steel.	Type 32
VSY 60-2	67155	5 x 10	.20 x .40	2	60	16	0.6		
VSY 70-2	67156	5 x 10	.20 x .41	2	70	16	0.6		
VSY 45-4	54577	5 x 10	.20 x .42	4	45	20	0.8		
VSY 60-4	54578	5 x 10	.20 x .43	4	60	20	0.8		
VSY 70-4	54579	5 x 10	.20 x .44	4	70	20	0.8		

Custom configurations are available by special order.

For explanations to the table data, refer to Selection Criteria on pages 2 through 4.

Accessories Description	Type	Remark
Cable	SEKM2 (53001)	for VS
	SEKL2 (50710)	for VRY
	SEKN2 (53775)	for VSY