

SPLIT TYPE DIAL BORE GAGES

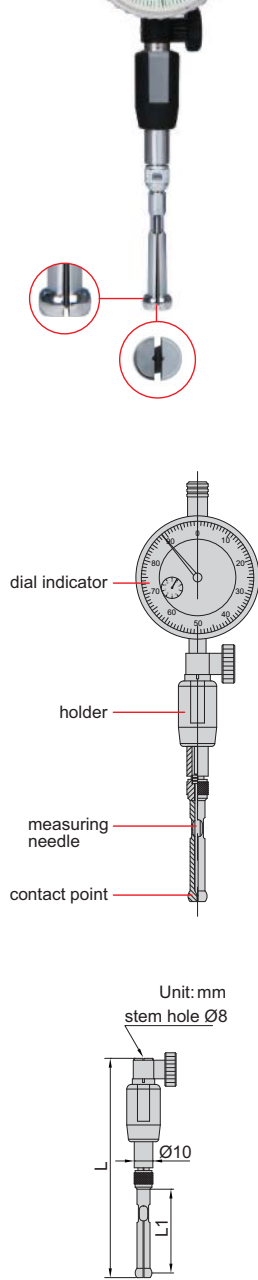
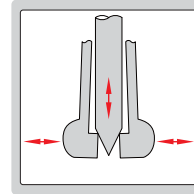
INSIZE PLUS
MADE IN EUROPE

dial indicator is optional



- Split type contact points
- Accuracy (without indicator):
3µm (measuring range 0.95~10mm),
4µm (measuring range 10~20.6mm)
- Repeatability (without indicator): 1µm
- Optional accessory:
digital/dial indicators or dial comparator

principle of measurement



Code	Contact point				Measuring needle	Setting ring	
	Measuring range	Measuring depth (L1)	Total length (L)	Material of points		Code	Diameter
2426-1	0.95-1.15	13	89	carbide	2426-N1D4	2421-R1	1
2426-1D1	1.07-1.25	13	89	carbide		2421-R1D1	1.1
2426-1D2	1.17-1.35	13	89	carbide		2421-R1D2	1.2
2426-1D3	1.27-1.45	13	89	carbide		2421-R1D3	1.3
2426-1D4	1.37-1.55	13	89	carbide	2426-N2D25	2421-R1D4	1.4
2426-1D75	1.5-1.9	17	93	carbide		2421-R1D75	1.75
2426-2	1.8-2.2	17	93	carbide		2421-R2	2
2426-2D25	2.05-2.45	17	93	carbide	2426-N4	2421-R2D25	2.25
2426-2D5	2.3-2.7	25	101	carbide		2421-R2D5	2.5
2426-2D75	2.55-2.95	25	101	carbide		2421-R2D75	2.75
2426-3	2.8-3.2	25	101	carbide		2421-R3	3
2426-3D25	3.05-3.45	25	101	carbide	2426-N9	2421-R3D25	3.25
2426-3D5	3.3-3.7	25	101	carbide		2421-R3D5	3.5
2426-3D75	3.55-3.95	25	101	carbide		2421-R3D75	3.75
2426-4	3.8-4.2	25	101	carbide		2421-R4	4
2426-4D5	4.15-4.8	41	118	hard chromed	2426-N20	2421-R4D5	4.5
2426-5	4.7-5.3	41	118	hard chromed		2421-R5	5
2426-5D5	5.2-5.8	41	118	hard chromed		2421-R5D5	5.5
2426-6	5.7-6.3	41	118	hard chromed		2421-R6	6
2426-6D5	6.2-6.8	41	118	hard chromed	2421-R7D5	2421-R6D5	6.5
2426-7	6.7-7.3	41	118	hard chromed		2421-R7	7
2426-7D5	7.2-7.8	45	118	hard chromed		2421-R7D5	7.5
2426-8	7.7-8.3	45	118	hard chromed		2421-R8	8
2426-8D5	8.2-8.8	45	118	hard chromed	2421-R8D5	2421-R8D5	8.5
2426-9	8.7-9.3	45	118	hard chromed		2421-R9	9
2426-10	9.2-10.5	45	118	hard chromed		2421-R10	10
2426-11	10.2-11.5	45	118	hard chromed		2421-R11	11
2426-12	11.2-12.5	45	118	hard chromed	2421-R12	2421-R12	12
2426-13	12.2-13.5	45	118	hard chromed		2421-R13	13
2426-14	13.4-14.6	45	118	hard chromed		2421-R14	14
2426-15	14.4-15.6	45	118	hard chromed		2421-R15	15
2426-16	15.4-16.6	45	118	hard chromed	2421-R16	2421-R16	16
2426-17	16.4-17.6	45	118	hard chromed		2421-R17	17
2426-18	17.4-18.6	45	118	hard chromed		2421-R18	18
2426-19	18.4-19.6	45	118	hard chromed		2421-R19	19
2426-20	19.4-20.6	45	118	hard chromed	2421-R20	20	



HOLDER

Code	Retraction	Applicable points
2426-HOLDER1	without	all
2426-HOLDER2	with	all

SPLIT TYPE DIAL BORE GAGE SETS

INSIZE PLUS
MADE IN EUROPE

- Split type contact points
- Accuracy (without indicator):
3µm (measuring range 0.95~10mm),
4µm (measuring range 10~20.6mm)
- Repeatability (without indicator): 1µm
- Setting rings and dial indicators are optional

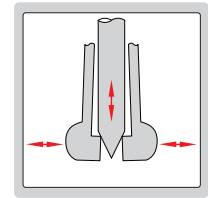


2421-121

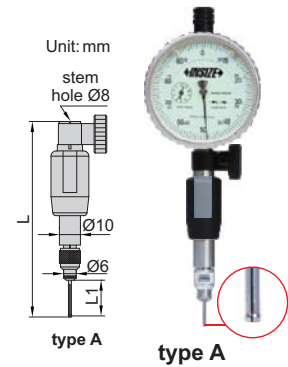
(mm)

Code	Range	Quantity of points	Measuring range of point	Measuring depth (L1)	Total length (L)	Material of points	Type of point	Setting ring (optional)	
								Code	Diameter
2421-1D4	0.95-1.55	5	0.95-1.15	13	89	carbide	A	2421-R1	1
			1.07-1.25	13	89	carbide	A	2421-R1D1	1.1
			1.17-1.35	13	89	carbide	A	2421-R1D2	1.2
			1.27-1.45	13	89	carbide	A	2421-R1D3	1.3
			1.37-1.55	13	89	carbide	A	2421-R1D4	1.4
2421-4	1.5-4.2	10	1.5-1.9	17	93	carbide	A	2421-R1D75	1.75
			1.8-2.2	17	93	carbide	A	2421-R2	2
			2.05-2.45	17	93	carbide	A	2421-R2D25	2.25
			2.3-2.7	25	101	carbide	A	2421-R2D5	2.5
			2.55-2.95	25	101	carbide	A	2421-R2D75	2.75
			2.8-3.2	25	101	carbide	A	2421-R3	3
			3.05-3.45	25	101	carbide	A	2421-R3D25	3.25
			3.3-3.7	25	101	carbide	A	2421-R3D5	3.5
			3.55-3.95	25	101	carbide	A	2421-R3D75	3.75
			3.8-4.2	25	101	carbide	A	2421-R4	4
2421-7D5	4.15-7.8	7	4.15-4.8	41	118	hard chromed	B	2421-R4D5	4.5
			4.7-5.3	41	118	hard chromed	B	2421-R5	5
			5.2-5.8	41	118	hard chromed	B	2421-R5D5	5.5
			5.7-6.3	41	118	hard chromed	B	2421-R6	6
			6.2-6.8	41	118	hard chromed	B	2421-R6D5	6.5
			6.7-7.3	41	118	hard chromed	B	2421-R7	7
			7.2-7.8	45	118	hard chromed	C	2421-R7D5	7.5
2421-12	7.7-12.5	6	7.7-8.3	45	118	hard chromed	C	2421-R8	8
			8.2-8.8	45	118	hard chromed	C	2421-R8D5	8.5
			8.7-9.3	45	118	hard chromed	C	2421-R9	9
			9.2-10.5	45	118	hard chromed	C	2421-R10	10
			10.2-11.5	45	118	hard chromed	C	2421-R11	11
			11.2-12.5	45	118	hard chromed	C	2421-R12	12
2421-20	12.2-20.6	8	12.2-13.5	45	118	hard chromed	C	2421-R13	13
			13.4-14.6	45	118	hard chromed	C	2421-R14	14
			14.4-15.6	45	118	hard chromed	C	2421-R15	15
			15.4-16.6	45	118	hard chromed	C	2421-R16	16
			16.4-17.6	45	118	hard chromed	C	2421-R17	17
			17.4-18.6	45	118	hard chromed	C	2421-R18	18
			18.4-19.6	45	118	hard chromed	C	2421-R19	19
			19.4-20.6	45	118	hard chromed	C	2421-R20	20
2421-121	4.15-12.5	13	4.15-4.8	41	118	hard chromed	B	2421-R4D5	4.5
			4.7-5.3	41	118	hard chromed	B	2421-R5	5
			5.2-5.8	41	118	hard chromed	B	2421-R5D5	5.5
			5.7-6.3	41	118	hard chromed	B	2421-R6	6
			6.2-6.8	41	118	hard chromed	B	2421-R6D5	6.5
			6.7-7.3	41	118	hard chromed	B	2421-R7	7
			7.2-7.8	45	118	hard chromed	C	2421-R7D5	7.5
			7.7-8.3	45	118	hard chromed	C	2421-R8	8
			8.2-8.8	45	118	hard chromed	C	2421-R8D5	8.5
			8.7-9.3	45	118	hard chromed	C	2421-R9	9
			9.2-10.5	45	118	hard chromed	C	2421-R10	10
			10.2-11.5	45	118	hard chromed	C	2421-R11	11
			11.2-12.5	45	118	hard chromed	C	2421-R12	12

principle of measurement

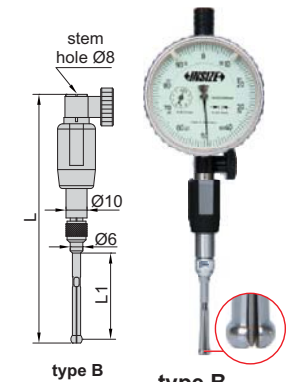


dial indicator is optional



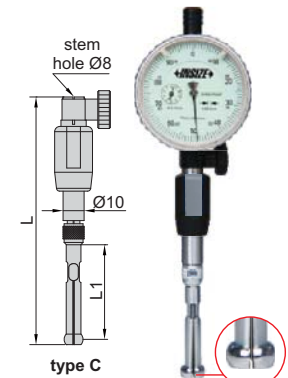
type A

dial indicator is optional



type B

dial indicator is optional

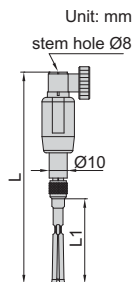
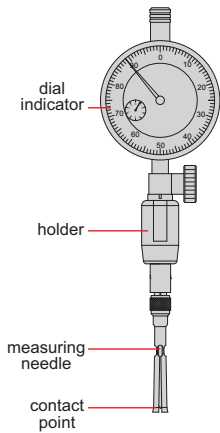
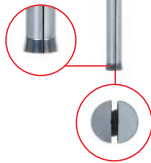


type C

SPLIT TYPE DIAL BORE GAGES FOR BLIND HOLES

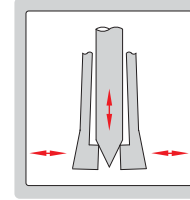
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dial indicator
is optional



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- Accuracy (without indicator):
3µm (measuring range 1.5~10mm),
4µm (measuring range 10~20.6mm)
- Repeatability (without indicator): 1µm
- Optional accessory:
digital/dial indicators or dial comparator

principle of measurement



(mm)

Code	Contact point				Measuring needle Code	Setting ring	
	Measuring range	Measuring depth (L1)	Total length (L)	Material of points		Code	Diameter
2427-1D75	1.5-1.9	17	93	carbide	2426-N2D25	2421-R1D75	1.75
2427-2	1.8-2.2	17	93	carbide		2421-R2	2
2427-2D25	2.05-2.45	17	93	carbide		2421-R2D25	2.25
2427-2D5	2.3-2.7	25	101	carbide	2426-N4	2421-R2D5	2.5
2427-2D75	2.55-2.95	25	101	carbide		2421-R2D75	2.75
2427-3	2.8-3.2	25	101	carbide		2421-R3	3
2427-3D25	3.05-3.45	25	101	carbide		2421-R3D25	3.25
2427-3D5	3.3-3.7	25	101	carbide		2421-R3D5	3.5
2427-3D75	3.55-3.95	25	101	carbide		2421-R3D75	3.75
2427-4	3.8-4.2	25	101	carbide		2421-R4	4
2427-4D5	4.15-4.8	41	118	hard chromed	2427-N9	2421-R4D5	4.5
2427-5	4.7-5.3	41	118	hard chromed		2421-R5	5
2427-5D5	5.2-5.8	41	118	hard chromed		2421-R5D5	5.5
2427-6	5.7-6.3	41	118	hard chromed		2421-R6	6
2427-6D5	6.2-6.8	41	118	hard chromed		2421-R6D5	6.5
2427-7	6.7-7.3	41	118	hard chromed		2421-R7	7
2427-7D5	7.2-7.8	45	118	hard chromed		2421-R7D5	7.5
2427-8	7.7-8.3	45	118	hard chromed		2421-R8	8
2427-8D5	8.2-8.8	45	118	hard chromed		2421-R8D5	8.5
2427-9	8.7-9.3	45	118	hard chromed	2421-R9	9	
2427-10	9.2-10.5	45	118	hard chromed	2427-N20	2421-R10	10
2427-11	10.2-11.5	45	118	hard chromed		2421-R11	11
2427-12	11.2-12.5	45	118	hard chromed		2421-R12	12
2427-13	12.2-13.5	45	118	hard chromed		2421-R13	13
2427-14	13.4-14.6	45	118	hard chromed		2421-R14	14
2427-15	14.4-15.6	45	118	hard chromed		2421-R15	15
2427-16	15.4-16.6	45	118	hard chromed		2421-R16	16
2427-17	16.4-17.6	45	118	hard chromed		2421-R17	17
2427-18	17.4-18.6	45	118	hard chromed		2421-R18	18
2427-19	18.4-19.6	45	118	hard chromed		2421-R19	19
2427-20	19.4-20.6	45	118	hard chromed		2421-R20	20



2426-HOLDER1



2426-HOLDER2

HOLDER

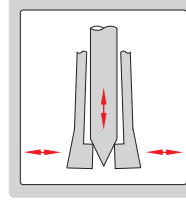
Code	Retraction	Applicable points
2426-HOLDER1	without	all
2426-HOLDER2	with	all

SPLIT TYPE DIAL BORE GAGE SETS FOR BLIND HOLES

INSIZE PLUS
MADE IN EUROPE

- Split type contact points
- Accuracy (without indicator): 3µm (measuring range 1.5~10mm), 4µm (measuring range 10~20.6mm)
- Repeatability (without indicator): 1µm
- Setting rings and dial indicators are optional

principle of measurement



2429-12

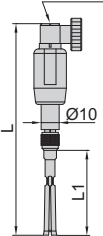
(mm)

Code	Range	Quantity of points	Measuring range of point	Measuring depth (L1)	Total length (L)	Material of points	Setting ring (optional)	
							Code	Diameter
2429-4	1.5-4.2	10	1.5-1.9	17	93	carbide	2421-R1D75	1.75
			1.8-2.2	17	93	carbide	2421-R2	2
			2.05-2.45	17	93	carbide	2421-R2D25	2.25
			2.3-2.7	25	101	carbide	2421-R2D5	2.5
			2.55-2.95	25	101	carbide	2421-R2D75	2.75
			2.8-3.2	25	101	carbide	2421-R3	3
			3.05-3.45	25	101	carbide	2421-R3D25	3.25
			3.3-3.7	25	101	carbide	2421-R3D5	3.5
			3.55-3.95	25	101	carbide	2421-R3D75	3.75
			3.8-4.2	25	101	carbide	2421-R4	4
2429-7D5	4.15-7.8	7	4.15-4.8	41	118	hard chromed	2421-R4D5	4.5
			4.7-5.3	41	118	hard chromed	2421-R5	5
			5.2-5.8	41	118	hard chromed	2421-R5D5	5.5
			5.7-6.3	41	118	hard chromed	2421-R6	6
			6.2-6.8	41	118	hard chromed	2421-R6D5	6.5
			6.7-7.3	41	118	hard chromed	2421-R7	7
			7.2-7.8	45	118	hard chromed	2421-R7D5	7.5
2429-12	7.7-12.5	6	7.7-8.3	45	118	hard chromed	2421-R8	8
			8.2-8.8	45	118	hard chromed	2421-R8D5	8.5
			8.7-9.3	45	118	hard chromed	2421-R9	9
			9.2-10.5	45	118	hard chromed	2421-R10	10
			10.2-11.5	45	118	hard chromed	2421-R11	11
			11.2-12.5	45	118	hard chromed	2421-R12	12
2429-20	12.2-20.6	8	12.2-13.5	45	118	hard chromed	2421-R13	13
			13.4-14.6	45	118	hard chromed	2421-R14	14
			14.4-15.6	45	118	hard chromed	2421-R15	15
			15.4-16.6	45	118	hard chromed	2421-R16	16
			16.4-17.6	45	118	hard chromed	2421-R17	17
			17.4-18.6	45	118	hard chromed	2421-R18	18
			18.4-19.6	45	118	hard chromed	2421-R19	19
			19.4-20.6	45	118	hard chromed	2421-R20	20

dial indicator is optional



Unit: mm
stem hole Ø8



BORE GAGES FOR SMALL HOLES

INSIZE PLUS
MADE IN EUROPE

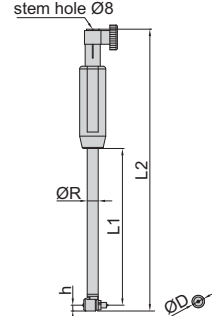
- Applicable for 0.01mm or 0.001mm, graduation dial indicators
- Carbide contact point and anvil
- Optional accessory: dial indicator or dial comparator, setting ring (code 6312)

dial comparator is optional



2425-6

Unit: mm



(mm)

Code	Range	Accuracy (without dial comparator)	Repeatability (without dial comparator)	L1	L2	ØR	ØD	h
2425-6	4.5-6mm	2µm	0.5µm	80	147	4	4	2
2425-8	6-8mm	2µm	0.5µm	100	165	5	5.2	2.6
2425-12	8-12mm	2µm	0.5µm	100	166	5	6.5	3.25
2425-20	12-20mm	2µm	0.5µm	110	204	8	9	4.5