

Indexable Drills

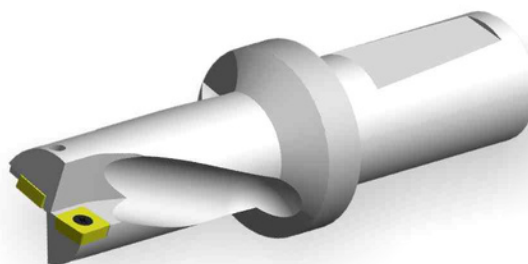
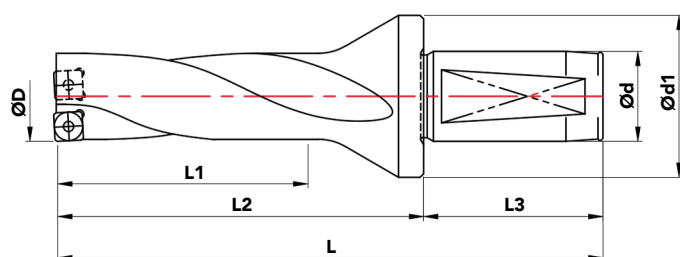


Our wide range of drilling tools with preheated & high torsion resistance can support higher feed rate & longer life. Unique surface coating treatment & large flute with proper helix angle controls chip flow.

The Drilling Inserts are made from ultra fine grain carbide with high hardness & toughness. It has PVD coating, sharp cutting edge which offers best economy in drilling operations.

We also manufacture customized drills as per requirement.

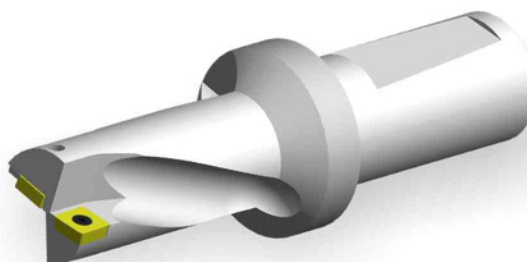
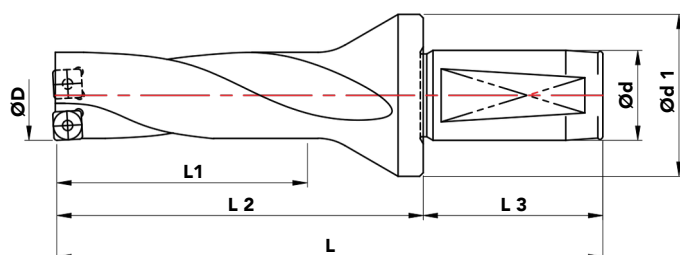
Indexable Drill (L /D-2)



Drilling Diameter Depth (L/D-2)

Sr. No.	SIGMA ITEM CODE	ØD	Ød	Ød1	L3	L2	L1	L	INSERT
1	S-2DR125-20SH-05	12.50	20.00	25.00	50.00	44.00	26.00	94.00	SOGX 05024
2	S-2DR130-20SH-05	13.00				44.00	26.00	94.00	
3	S-2DR135-20SH-05	13.50				46.00	28.00	96.00	
4	S-2DR140-20SH-05	14.00				46.00	28.00	96.00	
5	S-2DR145-20SH-05	14.50				49.00	30.00	99.00	
6	S-2DR150-20SH-05	15.00				48.00	30.00	99.00	
7	S-2DR155-25SH-06	15.50	25.00	32.00	56.00	52.00	32.00	108.00	SOGX 06024
8	S-2DR160-25SH-06	16.00				52.00	32.00	108.00	
9	S-2DR165-25SH-06	16.50				54.00	34.00	110.00	
10	S-2DR170-25SH-06	17.00				54.00	34.00	110.00	
11	S-2DR175-25SH-06	17.50				57.00	36.00	113.00	
12	S-2DR180-25SH-06	18.00				57.00	36.00	113.00	
13	S-2DR185-25SH-06	18.50				59.00	38.00	115.00	
14	S-2DR190-25SH-06	19.00				59.00	38.00	115.00	
15	S-2DR195-25SH-06	19.50				63.00	40.00	119.00	
16	S-2DR200-25SH-06	20.00				63.00	40.00	119.00	
17	S-2DR205-25SH-06	20.50				65.00	42.00	121.00	
18	S-2DR210-25SH-06	21.00				65.00	42.00	121.00	
19	S-2DR215-25SH-06	21.50				67.00	44.00	123.00	
20	S-2DR220-25SH-07	22.00				67.00	44.00	123.00	
21	S-2DR225-25SH-07	22.50				71.00	46.00	127.00	
22	S-2DR230-25SH-07	23.00	25.00	45.00	56.00	71.00	46.00	127.00	SOGX 07T308
23	S-2DR235-32SH-07	23.50	25.00		56.00	71.00	46.00	131.00	
24	S-2DR240-25SH-07	24.00	32.00		60.00	74.00	48.00	130.00	
25	S-2DR245-32SH-07	24.50	25.00		56.00	74.00	48.00	134.00	
26	S-2DR250-25SH-07	25.00	32.00		60.00	77.00	50.00	133.00	
27	S-2DR255-32SH-07	25.50	25.00		56.00	77.00	50.00	137.00	
28	S-2DR260-25SH-07	26.00	32.00		60.00	79.00	52.00	135.00	
29	S-2DR265-32SH-07	26.50	25.00		56.00	79.00	52.00	139.00	
30	S-2DR270-25SH-07	27.00	32.00		60.00	81.00	54.00	137.00	
31	S-2DR275-32SH-07	27.50	25.00		56.00	81.00	54.00	141.00	
32	S-2DR280-25SH-09	28.00	32.00		60.00	84.00	56.00	140.00	
33	S-2DR285-32SH-09	28.50	25.00		56.00	84.00	56.00	144.00	
34	S-2DR290-25SH-09	29.00	32.00		60.00	86.00	58.00	142.00	
35	S-2DR295-32SH-09	29.50	25.00		56.00	86.00	58.00	146.00	
36	S-2DR300-32SH-09	30.00	32.00	55	60.00	91.00	60.00	151.00	SOGX 090408
37	S-2DR305-40SH-09	30.50	32.00		60.00	91.00	60.00	161.00	
38	S-2DR310-32SH-09	31.00	40.00		70.00	94.00	62.00	154.00	
39	S-2DR315-40SH-09	31.50	32.00		60.00	94.00	62.00	164.00	
40	S-2DR320-32SH-09	32.00	40.00		70.00	96.00	64.00	156.00	
41	S-2DR325-40SH-09	32.50	32.00		60.00	96.00	64.00	166.00	
42	S-2DR330-32SH-09	33.00	40.00		70.00	99.00	66.00	159.00	
43	S-2DR335-40SH-09	33.50	32.00		60.00	99.00	66.00		
			40.00		70.00				

Indexable Drill (L/D-2)



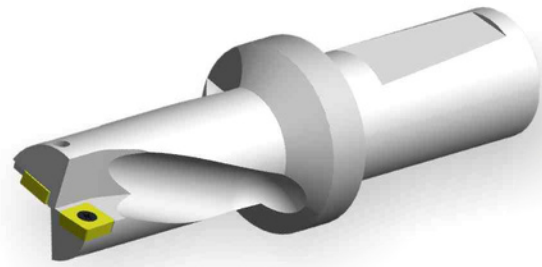
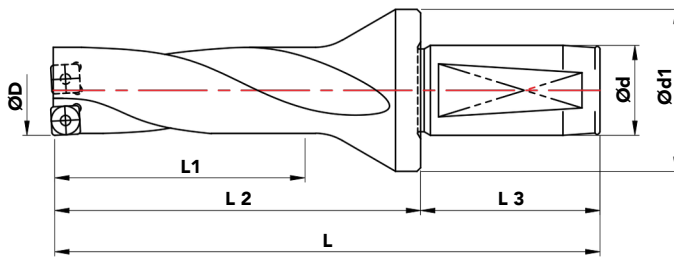
Drilling Diameter Depth (L/D-2)

Sr. No.	SIGMA ITEM CODE	ØD	Ød	Ød1	L3	L2	L1	L	INSERT
44	S-2DR340-32SH-11	34.00	32.00	55.00	60.00	101.00	68.00	161.00	SOGX 110408
45	S-2DR345-40SH-11	34.50	40.00		70.00	101.00	68.00	171.00	
46	S-2DR350-32SH-11	35.00	32.00		60.00	104.00	70.00	164.00	
47	S-2DR355-40SH-11	35.50	40.00		70.00	104.00	70.00	174.00	
48	S-2DR360-32SH-11	36.00	32.00		60.00	107.00	72.00	167.00	
49	S-2DR365-40SH-11	36.50	40.00		70.00	107.00	72.00	177.00	
50	S-2DR370-32SH-11	37.00	32.00		60.00	110.00	74.00	170.00	
51	S-2DR375-40SH-11	37.50	40.00		70.00	110.00	74.00	180.00	
52	S-2DR380-32SH-11	38.00	32.00		60.00	113.00	76.00	173.00	
53	S-2DR385-40SH-11	38.50	40.00		70.00	113.00	76.00	183.00	
54	S-2DR390-32SH-11	39.00	32.00		60.00	115.00	78.00	175.00	
55	S-2DR395-40SH-11	39.50	40.00		70.00	115.00	78.00	185.00	
56	S-2DR400-32SH-11	40.00	32.00		60.00	118.00	80.00	178.00	
57	S-2DR405-40SH-11	40.50	40.00		70.00	118.00	80.00	188.00	
58	S-2DR410-40SH-11	41.00	40.00		70.00	121.00	82.00	191.00	
59	S-2DR420-40SH-14	42.00	40.00		70.00	123.00	84.00	193.00	
60	S-2DR430-40SH-14	43.00	40.00	60.00	70.00	126.00	86.00	196.00	SOGX 140512
61	S-2DR440-40SH-14	44.00	40.00		70.00	128.00	88.00	198.00	
62	S-2DR450-40SH-14	45.00	40.00		70.00	132.00	90.00	202.00	
63	S-2DR460-40SH-14	46.00	40.00		70.00	135.00	92.00	205.00	
64	S-2DR470-40SH-14	47.00	40.00		70.00	137.00	94.00	207.00	
65	S-2DR480-40SH-14	48.00	40.00		70.00	140.00	96.00	210.00	
66	S-2DR490-40SH-14	49.00	40.00		70.00	142.00	98.00	212.00	
67	S-2DR500-40SH-14	50.00	40.00		70.00	145.00	100.00	215.00	

* Ex stock insert availability.

* Special size can be ordered.

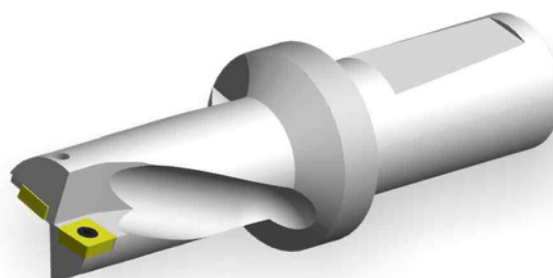
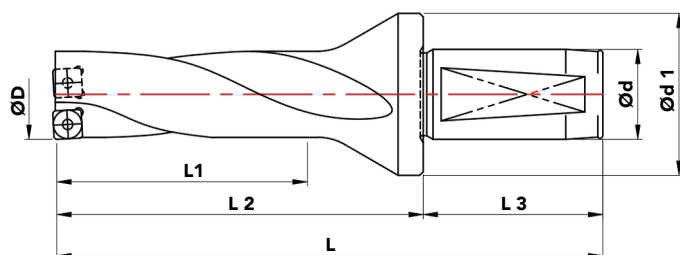
Indexable Drill (L/D-3)



Drilling Diameter Depth (L/D-3)

Sr. No.	SIGMA ITEM CODE	ØD	Ød	Ød1	L3	L2	L1	L	INSERT
1	S-3DR125-20SH-05	12.50	20.00	25.00	50.00	57.00	39.00	107.00	SOGX 05
2	S-3DR130-20SH-05	13.00				57.00	39.00	107.00	
3	S-3DR135-20SH-05	13.50				60.00	42.00	110.00	
4	S-3DR140-20SH-05	14.00				60.00	42.00	110.00	
5	S-3DR145-20SH-05	14.50				64.00	45.00	114.50	
6	S-3DR150-20SH-05	15.00				64.00	45.00	114.00	
7	S-3DR155-25SH-06	15.50	25.00	32.00	56.00	68.00	48.00	124.00	SOGX 06
8	S-3DR160-25SH-06	16.00				68.00	48.00	124.00	
9	S-3DR165-25SH-06	16.50				71.00	51.00	127.00	
10	S-3DR170-25SH-06	17.00				71.00	51.00	127.00	
11	S-3DR175-25SH-06	17.50				75.00	54.00	131.00	
12	S-3DR180-25SH-06	18.00				75.00	54.00	131.00	
13	S-3DR185-25SH-06	18.50				78.00	57.00	134.00	
14	S-3DR190-25SH-06	19.00				78.00	57.00	134.00	
15	S-3DR195-25SH-06	19.50				83.00	60.00	139.00	
16	S-3DR200-25SH-06	20.00				83.00	60.00	139.00	
17	S-3DR205-25SH-06	20.50				86.00	63.00	142.00	
18	S-3DR210-25SH-06	21.00				86.00	63.00	142.00	
19	S-3DR215-25SH-06	21.50				89.00	66.00	145.00	
20	S-3DR220-25SH-07	22.00				89.00	66.00	145.00	
21	S-3DR225-25SH-07	22.50				94.00	69.00	150.00	
22	S-3DR230-25SH-07	23.00	25.00	45.00	56.00	94.00	69.00	150.00	SOGX 07
23	S-3DR235-32SH-07	23.50	25.00		56.00	94.00	69.00	154.00	
24	S-3DR240-25SH-07	24.00	32.00		60.00	98.00	72.00	154.00	
25	S-3DR245-32SH-07	24.50	25.00		56.00	98.00	72.00	158.00	
26	S-3DR250-25SH-07	25.00	32.00		60.00	102.00	75.00	162.00	
27	S-3DR255-32SH-07	25.50	25.00		56.00	102.00	75.00	161.00	
28	S-3DR260-25SH-07	26.00	32.00		60.00	105.00	78.00	165.00	
29	S-3DR265-32SH-07	26.50	25.00		56.00	105.00	78.00	164.00	
30	S-3DR270-25SH-07	27.00	32.00		60.00	108.00	81.00	168.00	
31	S-3DR275-32SH-07	27.50	25.00		56.00	108.00	81.00	168.00	
32	S-3DR280-25SH-09	28.00	32.00		60.00	112.00	84.00	172.00	
33	S-3DR285-32SH-09	28.50	25.00		56.00	112.00	84.00	171.00	
34	S-3DR290-25SH-09	29.00	32.00		60.00	115.00	87.00	175.00	
35	S-3DR295-32SH-09	29.50	25.00		56.00	115.00	87.00	181.00	
36	S-3DR300-32SH-09	30.00	32.00		60.00	121.00	90.00	191.00	SOGX 090408
37	S-3DR305-40SH-09	30.50	32.00		60.00	121.00	90.00	185.00	
38	S-3DR310-32SH-09	31.00	40.00	55	70.00	125.00	93.00	185.00	
39	S-3DR315-40SH-09	31.50	32.00		60.00	125.00	93.00	195.00	
40	S-3DR320-32SH-09	32.00	40.00		70.00	128.00	96.00	188.00	
41	S-3DR325-40SH-09	32.50	32.00		60.00	128.00	96.00	198.00	
42	S-3DR330-32SH-09	33.00	40.00		70.00	132.00	99.00	192.00	
43	S-3DR335-40SH-09	33.50	32.00		60.00	132.00	99.00	202.00	
			40.00		70.00				

Indexable Drill (L/D-3)



Drilling Diameter Depth (L/D-3)

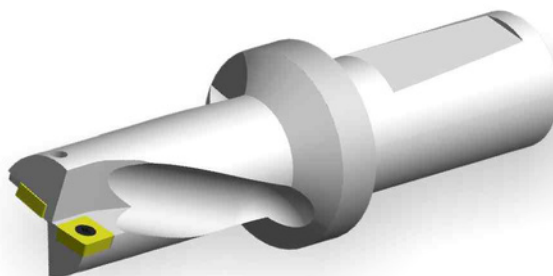
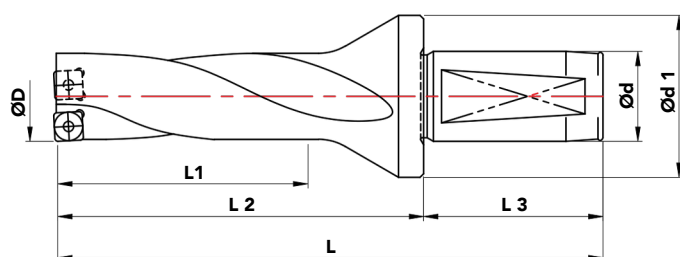
Sr. No.	SIGMA ITEM CODE	ØD	Ød	Ød1	L3	L2	L1	L	INSERT
44	S-3DR340-32SH-11	34.00	32.00	55.00	60.00	135.00	102.00	195.00	SOGX 110408
45	S-3DR345-40SH-11	34.50	40.00		70.00	135.00	102.00	195.00	
46	S-3DR350-32SH-11	35.00	32.00		60.00	139.00	105.00	199.00	
47	S-3DR355-40SH-11	35.50	40.00		70.00	139.00	105.00	209.00	
48	S-3DR360-32SH-11	36.00	32.00		60.00	143.00	150.00	252.00	
49	S-3DR365-40SH-11	36.50	40.00		70.00	143.00	108.00	213.00	
50	S-3DR370-32SH-11	37.00	32.00		60.00	147.00	111.00	207.00	
51	S-3DR375-40SH-11	37.50	40.00		70.00	147.00	111.00	217.00	
52	S-3DR380-32SH-11	38.00	32.00		60.00	151.00	114.00	211.00	
53	S-3DR385-40SH-11	38.50	40.00		70.00	151.00	114.00	221.00	
54	S-3DR390-32SH-11	39.00	32.00		60.00	154.00	117.00	214.00	
55	S-3DR395-40SH-11	39.50	40.00		70.00	154.00	117.00	224.00	
56	S-3DR400-32SH-11	40.00	32.00		60.00	158.00	120.00	218.00	
57	S-3DR405-40SH-11	40.50	40.00		70.00	158.00	120.00	228.00	
58	S-3DR410-40SH-11	41.00	40.00		70.00	162.00	123.00	232.00	
59	S-3DR420-40SH-14	42.00	40.00	60.00	70.00	165.00	126.00	235.00	SOGX 140512
60	S-3DR430-40SH-14	43.00	40.00		70.00	169.00	129.00	239.00	
61	S-3DR440-40SH-14	44.00	40.00		70.00	172.00	132.00	242.00	
62	S-3DR450-40SH-14	45.00	40.00		70.00	177.00	135.00	247.00	
63	S-3DR460-40SH-14	46.00	40.00		70.00	181.00	138.00	251.00	
64	S-3DR470-40SH-14	47.00	40.00		70.00	184.00	141.00	254.00	
65	S-3DR480-40SH-14	48.00	40.00		70.00	188.00	144.00	258.00	
66	S-3DR490-40SH-14	49.00	40.00		70.00	191.00	147.00	261.00	
67	S-3DR500-40SH-14	50.00	40.00		70.00	195.00	150.00	265.00	

* Ex stock insert availability.

* Special size can be ordered.

Indexable Drill (L/D-4)

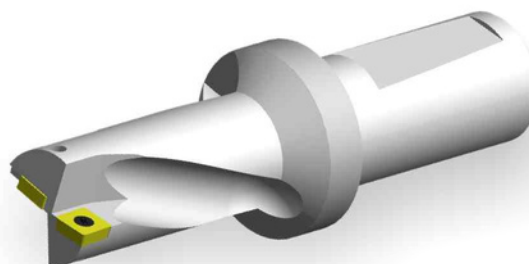
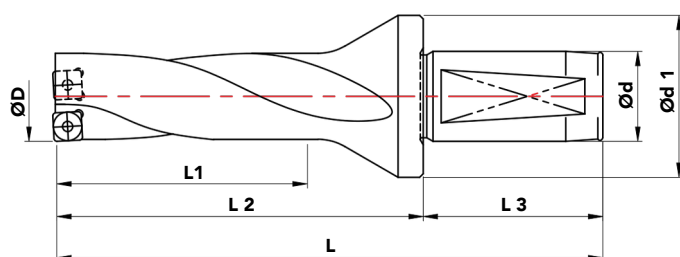
Beyond Tools We Deliver Assurance



Drilling Diameter Depth (L/D-4)

Sr. No.	SIGMA ITEM CODE	ØD	Ød	Ød1	L3	L2	L1	L	INSERT
1	S-4DR125-20SH-05	12.50	20.00	25.00	50.00	70.00	52.00	120.00	SOGX 05
2	S-4DR130-20SH-05	13.00				70.00	52.00	120.00	
3	S-4DR135-20SH-05	13.50				74.00	56.00	124.00	
4	S-4DR140-20SH-05	14.00				74.00	56.00	124.00	
5	S-4DR145-20SH-05	14.50				79.00	60.00	129.00	
6	S-4DR150-20SH-05	15.00				79.00	60.00	129.00	
7	S-4DR155-25SH-06	15.50	25.00	32.00	56.00	84.00	64.00	140.00	SOGX 06
8	S-4DR160-25SH-06	16.00				84.00	64.00	140.00	
9	S-4DR165-25SH-06	16.50				88.00	68.00	144.00	
10	S-4DR170-25SH-06	17.00				88.00	68.00	144.00	
11	S-4DR175-25SH-06	17.50				93.00	72.00	149.00	
12	S-4DR180-25SH-06	18.00				93.00	72.00	149.00	
13	S-4DR185-25SH-06	18.50				97.00	76.00	153.00	
14	S-4DR190-25SH-06	19.00				97.00	76.00	153.00	
15	S-4DR195-25SH-06	19.50				103.00	80.00	159.00	
16	S-4DR200-25SH-06	20.00				103.00	80.00	159.00	
17	S-4DR205-25SH-06	20.50				107.00	84.00	163.00	
18	S-4DR210-25SH-06	21.00				107.00	84.00	163.00	
19	S-4DR215-25SH-06	21.50				111.00	88.00	167.00	
20	S-4DR220-25SH-07	22.00				111.00	88.00	167.00	
21	S-4DR225-32SH-07	22.50				117.00	92.00	173.00	
22	S-4DR230-25SH-07	23.00	25.00	45.00	56.00	117.00	92.00	173.00	SOGX 07
23	S-4DR235-32SH-07	23.50	25.00		56.00	117.00	92.00	177.00	
24	S-4DR240-25SH-07	24.00	32.00		60.00	122.00	96.00	178.00	
25	S-4DR245-32SH-07	24.50	25.00		56.00	122.00	96.00	182.00	
26	S-4DR250-25SH-07	25.00	32.00		60.00	127.00	100.00	183.00	
27	S-4DR255-32SH-07	25.50	25.00		56.00	127.00	100.00	187.00	
28	S-4DR260-25SH-07	26.00	32.00		60.00	131.00	104.00	187.00	
29	S-4DR265-32SH-07	26.50	25.00		56.00	131.00	104.00	191.00	
30	S-4DR270-25SH-07	27.00	32.00		60.00	135.00	108.00	191.00	
31	S-4DR275-32SH-07	27.50	25.00		56.00	140.00	112.00	196.00	
32	S-4DR280-25SH-09	28.00	32.00		60.00	140.00	112.00	196.00	
33	S-4DR285-32SH-09	28.50	25.00		56.00	140.00	112.00	200.00	
34	S-4DR290-25SH-09	29.00	32.00		60.00	144.00	116.00	200.00	
35	S-4DR295-32SH-09	29.50	25.00		56.00	144.00	116.00	204.00	
36	S-4DR300-32SH-09	30.00	32.00		60.00	151.00	120.00	211.00	SOGX 09
37	S-4DR305-40SH-09	30.50	32.00		60.00	151.00	120.00	221.00	
38	S-4DR310-32SH-09	31.00	40.00	55	70.00	156.00	124.00	226.00	
39	S-4DR315-40SH-09	31.50	32.00		60.00	160.00	128.00	220.00	
40	S-4DR320-32SH-09	32.00	40.00		70.00	160.00	128.00	220.00	
41	S-4DR325-40SH-09	32.50	32.00		60.00	160.00	128.00	230.00	
42	S-4DR330-32SH-09	33.00	40.00		70.00	165.00	132.00	225.00	
43	S-4DR335-40SH-09	33.50	32.00		60.00	165.00	132.00	235.00	
			40.00		70.00				

Indexable Drill (L/D-4)



Drilling Diameter Depth (L/D-4)

Sr. No.	SIGMA ITEM CODE	ØD	Ød	Ød1	L3	L2	L1	L	INSERT
44	S-4DR340-32SH-11	34.00	32.00	55.00	60.00	169.00	136.00	229.00	SOGX 11
45	S-4DR345-40SH-11	34.50	40.00		70.00	169.00	136.00	239.00	
46	S-4DR350-32SH-11	35.00	32.00		60.00	174.00	140.00	234.00	
47	S-4DR355-40SH-11	35.50	40.00		70.00	174.00	140.00	244.00	
48	S-4DR360-32SH-11	36.00	32.00		60.00	179.00	144.00	239.00	
49	S-4DR365-40SH-11	36.50	40.00		70.00	179.00	144.00	249.00	
50	S-4DR370-32SH-11	37.00	32.00		60.00	184.00	148.00	244.00	
51	S-4DR375-40SH-11	37.50	40.00		70.00	184.00	148.00	254.00	
52	S-4DR380-32SH-11	38.00	32.00		60.00	189.00	152.00	249.00	
53	S-4DR385-40SH-11	38.50	40.00		70.00	189.00	152.00	259.00	
54	S-4DR390-32SH-11	39.00	32.00		60.00	193.00	156.00	253.00	
55	S-4DR395-40SH-11	39.50	40.00		70.00	193.00	156.00	263.00	
56	S-4DR400-32SH-11	40.00	32.00		60.00	198.00	160.00	258.00	
57	S-4DR405-40SH-11	40.50	40.00		70.00	198.00	160.00	268.00	
58	S-4DR410-40SH-11	41.00	40.00		70.00	203.00	164.00	273.00	
59	S-4DR420-40SH-14	42.00	40.00	60.00	70.00	207.00	168.00	277.00	SOGX 14
60	S-4DR430-40SH-14	43.00	40.00		70.00	212.00	172.00	282.00	
61	S-4DR440-40SH-14	44.00	40.00		70.00	216.00	176.00	286.00	
62	S-4DR450-40SH-14	45.00	40.00		70.00	222.00	180.00	292.00	
63	S-4DR460-40SH-14	46.00	40.00		70.00	227.00	184.00	297.00	
64	S-4DR470-40SH-14	47.00	40.00		70.00	231.00	188.00	301.00	
65	S-4DR480-40SH-14	48.00	40.00		70.00	236.00	192.00	306.00	
66	S-4DR490-40SH-14	49.00	40.00		70.00	240.00	196.00	310.00	
67	S-4DR500-40SH-14	50.00	40.00		70.00	245.00	200.00	315.00	

* Ex stock insert availability.

* Special size can be ordered.