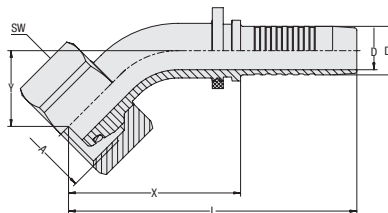
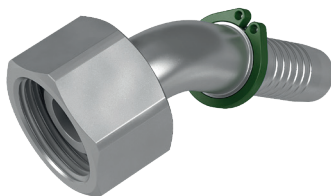


45° Elbow Insert with Female Metric Nut Thread and 24° Taper / O-Ring Type DKOS 45° (Heavy Series)



Connection Type	Female Metric Nut Thread
Sealing Type	24° Taper with O-Ring
Standard	ISO 8434-1
Material	Carbon Steel
Surface Finishing	Zinc/Nickel-Plating
Sealing Material	NBR (Buna-N®)

Suitable for use with mobile interlocking protection
(nominal sizes DN 16 to DN 31)

Hose Size			Connection Size		Dimensions (mm/in)						Weight (kg/lbs) ca. per 100	Ordering Codes
DN	inch	Dash	Thread	Dash	D	D1	X	L	Y	SW (Hex)		
05	1/8"	-03	M16x1,5	-03	2,9 .11	5,1 .20	34,0 1.34	58,5 2.30	14,0 .55	19 .75	3,8 8.38	HCS-05-DK0-08S-045-S-OR-B-M-W3
06	1/4"	-04	M16x1,5	-03	3,9 .15	6,7 .26	36,0 1.42	66,0 2.60	16,0 .63	19 .75	4,3 9.37	HCS-06-DK0-08S-045-S-OR-B-M-W3
06	1/4"	-04	M18x1,5	-04	3,9 .15	6,7 .26	38,5 1.52	68,5 2.70	18,5 .73	22 .87	6,2 13.67	HCS-06-DK0-10S-045-S-OR-B-M-W3
06	1/4"	-04	M14x1,5	-02	3,9 .15	6,7 .26	43,0 1.69	73,0 2.87	17,0 .67	17 .67	6,8 14.99	HCS-06-DK0-06S-045-S-OR-B-B-W3
06	1/4"	-04	M20x1,5	-05	3,9 .15	6,7 .26	44,5 1.75	74,5 2.93	19,0 .75	24 .94	8,5 18.63	HCS-06-DK0-12S-045-S-OR-B-B-W3
08	5/16"	-05	M18x1,5	-04	5,4 .21	8,2 .32	38,5 1.52	68,5 2.70	18,5 .73	22 .87	6,3 13.78	HCS-08-DK0-10S-045-S-OR-B-M-W3
08	5/16"	-05	M20x1,5	-05	5,4 .21	8,2 .32	40,0 1.57	70,0 2.76	18,0 .71	24 .94	7,2 15.88	HCS-08-DK0-12S-045-S-OR-B-M-W3
10	3/8"	-06	M20x1,5	-05	6,5 .26	9,9 .39	41,5 1.63	74,5 2.93	17,5 .69	24 .94	8,2 18.08	HCS-10-DK0-12S-045-S-OR-B-M-W3
10	3/8"	-06	M22x1,5	-06	6,5 .26	9,9 .39	46,0 1.81	79,0 3.11	20,0 .79	27 1.06	11,1 24.37	HCS-10-DK0-14S-045-S-OR-B-M-W3
10	3/8"	-06	M18x1,5	-04	6,5 .26	9,9 .39	44,0 1.73	77,5 3.05	19,0 .75	22 .87	8,6 18.96	HCS-10-DK0-10S-045-S-OR-B-B-W3
10	3/8"	-06	M24x1,5	-08	6,5 .26	9,9 .39	58,5 2.30	92,0 3.62	24,0 .94	30 1.18	17,7 39.03	HCS-10-DK0-16S-045-S-OR-B-B-W3
12	1/2"	-08	M24x1,5	-08	9,5 .37	13,0 .51	50,5 1.99	86,0 3.39	24,0 .94	30 1.18	14,7 32.41	HCS-12-DK0-16S-045-S-OR-B-M-W3
12	1/2"	-08	M22x1,5	-06	9,5 .37	13,0 .51	51,5 2.03	87,0 3.43	22,0 .87	27 1.06	14,8 32.52	HCS-12-DK0-14S-045-S-OR-B-B-W3
12	1/2"	-08	M30x2	-10	9,5 .37	13,0 .51	69,5 2.74	105,0 4.13	30,0 1.18	36 1.42	27,0 59.42	HCS-12-DK0-20S-045-S-OR-B-B-W3
16	5/8"	-10	M30x2	-10	12,6 .50	16,0 .63	56,5 2.22	95,0 3.74	25,0 .98	36 1.42	21,8 47.96	HCS-16-DK0-20S-045-S-OR-B-M-W3
16	5/8"	-10	M24x1,5	-08	12,6 .50	16,0 .63	57,0 2.24	95,5 3.76	23,5 .93	30 1.18	19,6 43.22	HCS-16-DK0-16S-045-S-OR-B-B-W3
16	5/8"	-10	M36x2	-12	12,6 .50	16,0 .63	74,5 2.93	113,0 4.45	32,0 1.26	41 1.61	37,7 83.13	HCS-16-DK0-25S-045-S-OR-B-B-W3

Dimension Y ± 2,5 mm / .10 in

Related Products and Accessories



Swage Ferrules

Pages 14-21



Straight Version

Pages 30-31



ECOVOS VA Version

Page 111



Mobile Interlocking Protection

Page 88



90° Version

Pages 34-35



MULTIVOS Version

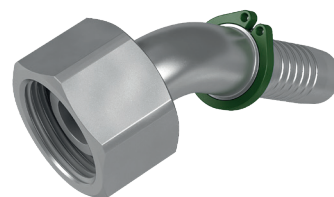
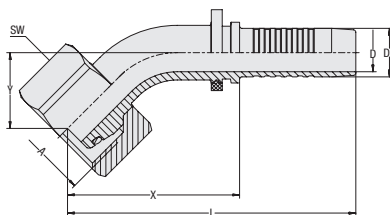
Page 148

45° Elbow Insert with Female Metric Nut Thread and 24° Taper / O-Ring Type DKOS 45° (Heavy Series)

Connection Type Female Metric Nut Thread
Sealing Type 24° Taper with O-Ring
Standard ISO 8434-1

Material Carbon Steel
Surface Finishing Zinc/Nickel-Plating
Sealing Material NBR (Buna-N®)

Suitable for use with mobile interlocking protection
(nominal sizes DN 16 to DN 31)


A

Hose Size			Connection Size		Dimensions (mm/in)						Weight (kg/lbs) ca. per 100	Ordering Codes
DN	inch	Dash	Thread	Dash	D	D1	X	L	Y	SW (Hex)		
19	3/4"	-12	M36x2	-12	14,8 .58	19,1 .75	66,0 2.60	111,5 4.39	29,0 1.14	41 1.61	33,0 72.65	HCS-19-DK0-25S-045-S-OR-B-M-W3
19	3/4"	-12	M36x2	-12	14,8 .58	19,1 .75	66,0 2.60	111,5 4.39	29,0 1.14	46 1.81	33,0 72.77	HCS-19-DK0-25S-045-S-OR-B-M-W3-SW46
19	3/4"	-12	M30x2	-10	14,8 .58	19,1 .75	71,5 2.81	117,5 4.63	30,5 1.20	36 1.42	30,8 67.91	HCS-19-DK0-20S-045-S-OR-B-B-W3
19	3/4"	-12	M42x2	-16	14,8 .58	19,1 .75	75,0 2.95	121,0 4.76	32,0 1.26	50 1.97	52,0 114.66	HCS-19-DK0-30S-045-S-OR-B-B-W3
25	1"	-16	M42x2	-16	20,0 .79	25,9 1.02	83,0 3.27	138,0 5.43	36,5 1.44	50 1.97	58,6 129.10	HCS-25-DK0-30S-045-S-OR-B-M-W3
25	1"	-16	M36x2	-12	20,0 .79	25,9 1.02	75,5 2.97	131,0 5.16	32,0 1.26	41 1.61	47,5 104.74	HCS-25-DK0-25S-045-S-OR-B-B-W3
25	1"	-16	M52x2	-20	20,0 .79	25,9 1.02	86,0 3.39	141,0 5.55	37,5 1.48	60 2.36	83,6 184.23	HCS-25-DK0-38S-045-S-OR-B-B-W3
31	1 1/4"	-20	M52x2	-20	26,0 1.02	32,5 1.28	101,5 4.00	161,5 6.36	41,5 1.63	60 2.36	92,6 204.18	HCS-31-DK0-38S-045-S-OR-B-M-W3
31	1 1/4"	-20	M42x2	-16	26,0 1.02	32,5 1.28	86,5 3.41	146,5 5.77	35,5 1.40	50 1.97	76,6 168.90	HCS-31-DK0-30S-045-S-OR-B-B-W3
38	1 1/2"	-24	M52x2	-20	31,0 1.22	38,9 1.53	107,0 4.21	174,5 6.87	44,5 1.75	60 2.36	117,3 258.65	HCS-38-DK0-38S-045-S-OR-B-B-W3

Dimension Y ± 2,5 mm / .10 in

Related Products and Accessories



Swage Ferrules

Pages 14-21



Straight Version

Pages 30-31



ECOVOS VA Version

Page 111



Mobile Interlocking Protection

Page 88



90° Version

Pages 34-35



MULTIVOS Version

Page 148