

HGW-werco[®] - Industrial Nozzle

- Solid Cone Nozzle, Type VI-Max -



Characteristics:

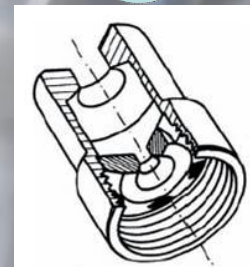
- Solid cone spray pattern for full wetting of circular surface
- High impact through special slotted swirl element
- Highly variable spray angle

Spray Pattern



Dimensions [mm]

Application:	Material:	Thread	L [mm]	Wrench
- Cooling	- Brass	1 1/4"	45,0	45
- Air and gas washing	- Steel	1 1/2"	52,0	50
- Coal, gravel and sand washing	- Stainless Steel	2"	64,0	60
	- Plastics	2 1/2"	72,0	75
	- Oter on Request	3"	80,0	85
		3 1/2"	100	105
		4"	120	110



Nozzle List:

Available spray angles of: 60°- 90°- 120°

Thread G	Size	OD* [mm]	Volume Flow Rate [l/min] @ Pressure p [bar]							
			0,30	0,50	1,00	2,00	4,00	6,00	10,00	20,00
1 1/4"	27	12,0	18,98	24,50	34,65	49,00	69,30	84,87	109,57	154,95
	28	12,5	24,40	31,50	44,55	63,00	89,10	109,12	140,87	199,22
	29	13,0	27,50	35,50	50,20	71,00	100,41	122,98	158,76	224,52
	30	13,5	33,69	43,50	61,52	87,00	123,04	150,69	194,54	275,12
	31	14,0	39,50	51,00	72,12	102,00	144,25	176,67	228,08	322,55
	32	15,0	45,31	58,50	82,73	117,00	165,46	202,65	261,62	369,99
	33	15,5	55,00	71,00	100,41	142,00	200,82	245,95	317,52	449,04
1 1/2"	29	13,0	27,50	35,50	50,20	71,00	100,41	122,98	158,76	224,52
	30	13,5	33,69	43,50	61,52	87,00	123,04	150,69	194,54	275,12
	31	14,0	39,50	51,00	72,12	102,00	144,25	176,67	228,08	322,55
	32	15,0	45,31	58,50	82,73	117,00	165,46	202,65	261,62	369,99
	33	15,5	55,00	71,00	100,41	142,00	200,82	245,95	317,52	449,04
2"	34	16,7	58,87	76,00	107,48	152,00	214,96	263,27	339,88	480,67
	32	15,0	45,31	58,50	82,73	117,00	165,46	202,65	261,62	369,99
	33	15,5	55,00	71,00	100,41	142,00	200,82	245,95	317,52	449,04
	34	16,7	58,87	76,00	107,48	152,00	214,96	263,27	339,88	480,67
	35	18,0	77,85	100,50	142,13	201,00	284,26	348,14	449,45	635,62
	36	19,0	82,11	106,00	149,91	212,00	299,81	367,19	474,05	670,40
2 1/2"	37	21,0	97,99	126,50	178,90	253,00	357,80	438,21	565,73	800,06
	38	23,0	114,25	147,50	208,60	295,00	417,19	510,95	659,64	932,87
	34	16,7	58,87	76,00	107,48	152,00	214,96	263,27	339,88	480,67
	35	18,0	77,85	100,50	142,13	201,00	284,26	348,14	449,45	635,62
	36	19,0	82,11	106,00	149,91	212,00	299,81	367,19	474,05	670,40
	37	21,0	97,99	126,50	178,90	253,00	357,80	438,21	565,73	800,06
	38	23,0	114,25	147,50	208,60	295,00	417,19	510,95	659,64	932,87
3"	39	24,0	139,43	180,00	254,56	360,00	509,12	623,54	804,98	1138,4
	40	26,0	166,54	215,00	304,06	430,00	608,11	744,78	961,51	1359,8
	41	28,0	199,46	257,50	364,16	515,00	728,32	892,01	1151,6	1628,6
	38	23,0	114,25	147,50	208,60	295,00	417,19	510,95	659,64	932,87
	39	24,0	139,43	180,00	254,56	360,00	509,12	623,54	804,98	1138,4
	40	26,0	166,54	215,00	304,06	430,00	608,11	744,78	961,51	1359,8
	41	28,0	199,46	257,50	364,16	515,00	728,32	892,01	1151,6	1628,6
3"	42	29,0	230,44	297,50	420,73	595,00	841,46	1030,6	1330,5	1881,6
	43	32,0	251,74	325,00	459,62	650,00	919,24	1125,8	1453,4	2055,5

OD* = Diameter of orifice / smallest free section, reference pressure: 2,00 bar

Order Information: Thread - Type - Size – Spray Angle - Material
 Order Sample: 1-1/4"-VI-Max-30-60°- Stainless Steel 303

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- Solid Cone Nozzle, Type VI-Max -



Nozzle List:- Continuation

Available spray angles of: 60°- 90°- 120°

Thread G	Size	OD* [mm]	Volume Flow Rate [l/min] @ Pressure p [bar]							
			0,30	0,50	1,00	2,00	4,00	6,00	10,00	20,00
3 1/2"	41	28,0	199,46	257,50	364,16	515,00	728,32	892,01	1151,6	1628,6
	42	29,0	230,44	297,50	420,73	595,00	841,46	1030,6	1330,5	1881,6
	43	32,0	251,74	325,00	459,62	650,00	919,24	1125,8	1453,4	2055,5
	44	35,0	286,60	370,00	523,26	740,00	1046,5	1281,7	1654,7	2340,1
	45	41,0	445,39	575,00	813,17	1150,0	1626,4	1991,9	2571,5	3636,6
4"	43	32,0	251,74	325,00	459,62	650,00	919,24	1125,8	1453,4	2055,5
	44	35,0	286,60	370,00	523,26	740,00	1046,5	1281,7	1654,7	2340,1
	45	41,0	445,39	575,00	813,17	1150,0	1626,4	1991,9	2571,5	3636,6
	46	46,0	562,36	726,00	1026,7	1452,0	2053,4	2514,9	3246,8	4591,6
	47	56,0	764,53	987,00	1395,8	1974,0	2791,7	3419,1	4414,0	6242,3
	48	65,0	1111,2	1434,5	2028,7	2869,0	4057,4	4969,3	6415,3	9072,6

OD* = Diameter of orifice / smallest free section, reference pressure: 2,00 bar

Order Information: Thread - Type - Size – Spray Angle - Material

Order Sample: 3-1/2"-VI-Max-43-60°- Stainless Steel 303