

Working Tools

Tools for every job

Working tools are manufactured from low carbon steel. It combines the benefits of case hardened skin without risk of core brittleness.

The strike face is end milled. True contact between the piston and the striking end transmits the maximum blow energy to the workplace. Vibration and wear on both hammer and tool are minimized.

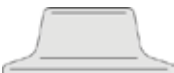
Forged under traditional hammers, our tools allow the most beneficial grain flows for durable strength.

Passing electronically controlled bed furnaces, the tools are processed in a chamber of molten aluminium oxide to prevent airborne contaminants.

After heat treatment all tools are cleaned by inducing a positive stress into the skin. Finally they are lacquer coated for maximum protection and attractive presentation.



Application Guide

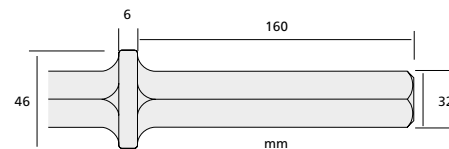
	Working tool	Application								Comments
		breaking ¹⁾	cutting ¹⁾	digging	tie tamping	compacting	rod driving	splitting	re-dressing	
	Moil point	●	-	-	-	-	-	-	-	Breaking in concrete and soft materials (no line of fracture) making holes in hard materials
	Narrow chisel	●	-	-	-	-	-	-	-	Concrete and soft material general-purpose tool that controls the line of fracture
	Wedge chisel	●	-	-	-	-	-	-	-	Concrete and frozen ground a heavy-duty tool giving a progressive wedging force
	Wide chisel	-	●	-	-	-	-	-	-	Suitable for medium hard to hard asphalt
	Asphalt cutter	-	●	-	-	-	-	-	-	Hot rolled asphalt, gives a straight and clean cutting edge
	Digging spade	-	●	●	-	-	-	-	-	Cutting asphalt or loosen material prior to excavation
	Digging chisel	-	-	●	-	-	-	-	-	Loosen material prior to excavation where the ground conditions are difficult
	Clay spade	-	●	●	-	-	-	-	-	Heavy dense clay or frozen ground, the scooped, curved profile gives efficient cutting
	Tie tamper	-	-	-	●	-	-	-	-	Compaction of ballast under railway sleepers (ties)
	Tamping pad	-	-	-	-	●	-	-	-	Consolidation of sub base back fill and asphalt patching
	Driver	-	-	-	-	-	●	-	-	Driving rods stakes etc. into the ground
	Wedge plug & feather	-	-	-	-	-	-	●	-	Rock splitting for (pre-drilled) hole diameter 29 mm (1 1/8 in), alternatively 34 mm (1 3/8 in)
	Bush hammer	-	-	-	-	-	-	-	●	Re-dressing of concrete or natural stone

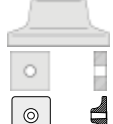
¹⁾ Use as wide tool as the material allows to make the job quicker

¹⁾ 1 kg = 2.2 lb

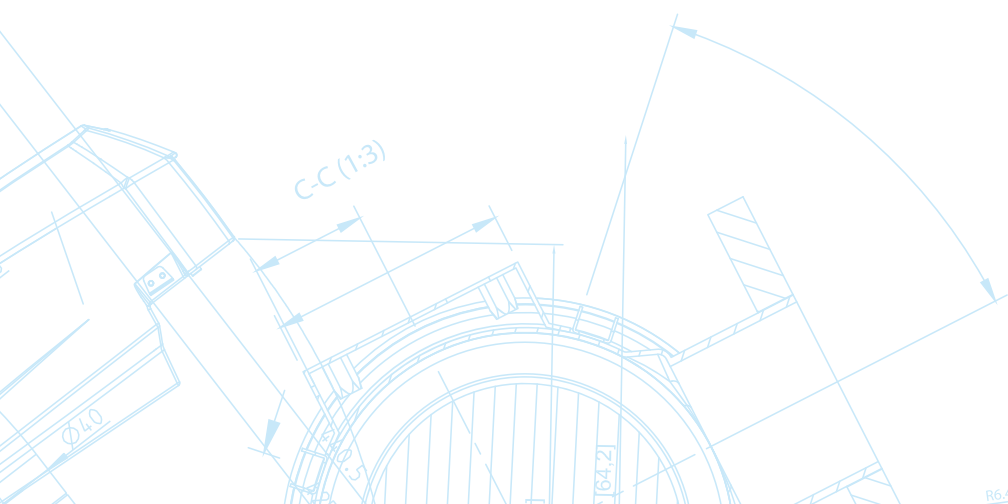
Shank Hex 32 x 160 mm (Hex 1¼ x 6¼ in)

point to flat (ISO) 



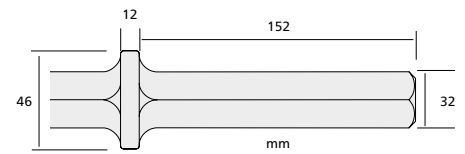
	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	380	15	545	21	-	-	3.5	3083 3205 00
		450	18	615	24	-	-	4.0	3083 3206 00
		1000	39	1165	46	-	-	7.6	3083 3207 00
	Narrow chisel	380	15	545	21	-	-	3.5	3083 3208 00
		450	18	615	24	-	-	4.0	3083 3209 00
		1000	39	1165	46	-	-	7.6	3083 3210 00
	Wide chisel	380	15	545	21	75	3	3.7	3083 3211 00
	Asphalt cutter	300	12	465	18	115	4 ½	3.8	3083 3212 00
	Digging chisel	380	15	545	21	75	3	4.4	3083 3213 00
	Digging spade	380	15	545	21	125	5	5.1	3083 3214 00
	Clay spade	380	15	545	21	140	5 ½	5.4	3083 3215 00
	Wedge chisel	400	16	565	22	40	1 ½	4.1	3083 3216 00
	Tie tamper	400	16	565	22	100	4	4.9	3083 3217 00
		580	23	745	29	100	4	6.2	3083 3217 10
	Spiking tool	195	7 ¾	360	14	-	-	4.6	9245 2826 81
	Shaft for pad	235	9 ¼	400	16	-	-	3.2	3083 3218 01
	Tamping pad	-	-	-	-	Ø180	Ø 7	7.2	3083 3301 00
		-	-	-	-	□150	□6	8.3	3083 3302 00
		-	-	-	-	□200	□8	8.5	3083 3197 00
	Driver blank	-	-	-	-	Ø 80	Ø 3	3.5	9245 2827 10
	Driver Pad	-	-	-	-	Ø120	Ø5	6.0	3376 1120 79
		-	-	-	-	Ø150	Ø6	7.0	3376 1120 77

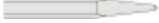
¹⁾ 1 kg = 2.2 lb



Shank Hex 32 x 152 mm (Hex 1¼ x 6 in)

flat to flat (North America) 

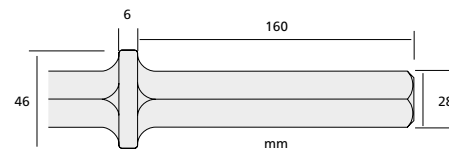


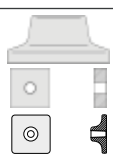
	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	355	14	520	20	-	-	3.3	3083 3285 00
		450	18	615	24	-	-	4.0	3083 4000 10
		610	24	775	30	-	-	5.0	3083 4000 20
	Narrow chisel	355	14	520	20	-	-	3.3	3083 3286 00
		450	18	615	24	-	-	4.0	3083 4001 10
		610	24	775	30	-	-	5.0	3083 4001 20
	Wide chisel	380	15	545	21	75	3	3.6	3083 3295 00
	Asphalt cutter	330	13	495	19	125	5	4.0	3083 3096 00
		305	12	470	19	115	4 ½	4.0	3083 4004 00
	Digging spade	320	13	485	19	125	5	4.3	3083 3298 00
	Clay spade	380	15	545	21	140	5 ½	5.4	3083 3299 00
	Tie tamper	400	16	565	22	100	4	5.0	3083 3314 00
	Shaft for pad	230	9	395	16	-	-	3.1	3083 3287 00
	Tamping pad	-	-	-	-	Ø180	Ø 7	7.2	3083 3301 00
		-	-	-	-	□150	□6	8.3	3083 3302 00
		-	-	-	-	□200	□8	8.5	3083 3197 00
	Driver blank	-	-	-	-	Ø 80	Ø 3	3.5	9245 2827 10
	Driver Pad	-	-	-	-	Ø120	Ø5	6.0	3376 1120 79
		-	-	-	-	Ø150	Ø6	7.0	3376 1120 77

¹⁾ 1 kg = 2.2 lb

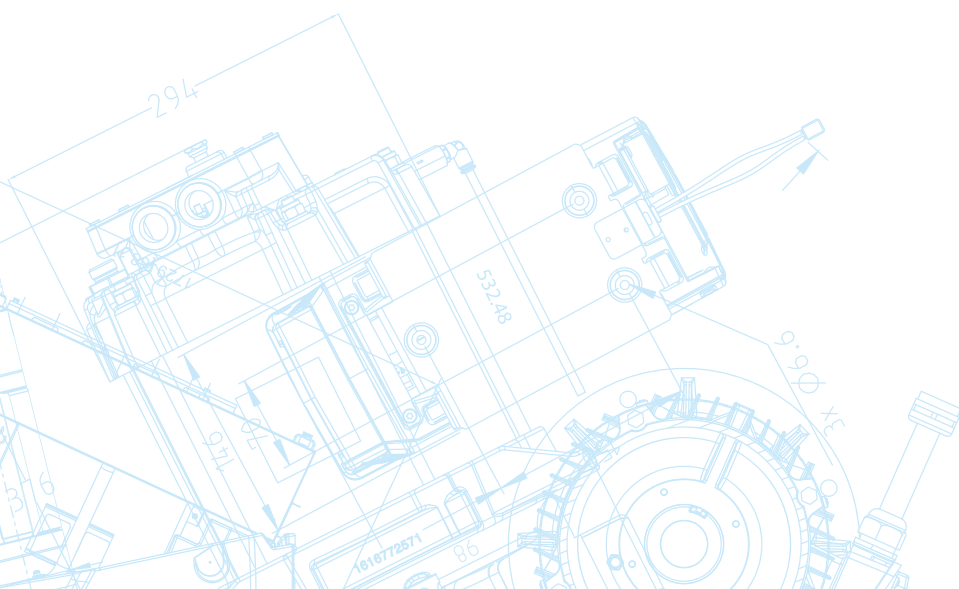
Shank Hex 28 x 160 mm (Hex 1 1/8 x 6 1/4 in)

point to flat (ISO) 



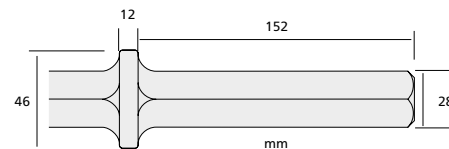
	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	380	15	545	21	-	-	2.8	3083 3271 00
		450	18	615	24	-	-	3.3	3083 3272 00
		1000	39	1165	46	-	-	6.3	3083 3273 00
	Narrow chisel	380	15	545	21	-	-	2.8	3083 3274 00
		450	18	615	24	-	-	3.3	3083 3275 00
		1000	39	1165	46	-	-	6.3	3083 3276 00
	Wide chisel	380	15	545	21	75	3	3.1	3083 3277 00
	Asphalt cutter	300	12	465	18	115	4 1/2	3.6	3083 3278 00
	Digging chisel	380	15	545	21	75	3	4	3083 3279 00
	Digging spade	380	15	545	21	125	5	4.7	3083 3280 00
	Clay spade	380	15	545	21	140	5 1/2	5.4	3083 3281 00
	Wedge chisel	400	16	565	22	40	1 1/2	3.9	3083 3282 00
	Tie tamper	400	16	565	22	100	4	4.3	3083 3319 00
	Shaft for pad	230	9	395	16			2.8	3083 3283 01
	Tamping pad	-	-	-	-	Ø180	Ø 7	7.2	3083 3301 00
		-	-	-	-	□150	□6	8.3	3083 3302 00
		-	-	-	-	□200	□8	8.5	3083 3197 00
	Driver blank	-	-	-	-	Ø 80	Ø 3	3.5	9245 2827 10
	Driver Pad	-	-	-	-	Ø120	Ø5	6.0	3376 1120 79
		-	-	-	-	Ø150	Ø6	7.0	3376 1120 77

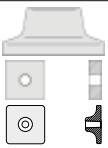
¹⁾ 1 kg = 2.2 lb



Shank Hex 28 x 152 mm (Hex 1 1/8 x 6 in)

flat to flat (North America) 

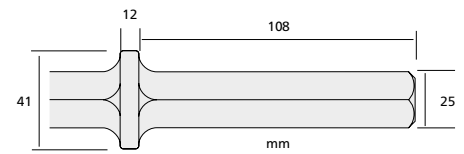


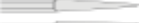
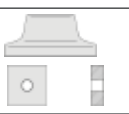
	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	350	14	515	20	-	-	2.6	3083 3267 00
		450	18	615	24	-	-	3.3	3083 4015 10
		610	24	775	30	-	-	4.1	3083 4015 20
	Narrow chisel	350	14	515	20	-	-	2.6	3083 3268 00
		450	18	615	24	-	-	3.3	3083 4016 10
		610	24	775	30	-	-	4.1	3083 4016 20
	Wide chisel	380	15	545	21	75	3	3.1	3083 3289 00
		450	18	615	24	75	3	3.6	3083 4017 00
	Asphalt cutter	280	11	445	18	115	4 1/2	3.6	3083 4019 00
	Digging chisel	380	15	545	21	75	3	4.2	3083 3291 00
	Digging spade	320	13	485	19	125	5	3.8	3083 3292 00
	Clay spade	380	15	545	21	140	5 1/2	5.0	3083 3293 00
	Shaft for pad	230	9	395	16	-	-	2.8	3083 3269 00
	Tamping pad	-	-	-	-	Ø180	Ø7	7.2	3083 3301 00
		-	-	-	-	□150	□6	8.3	3083 3302 00
		-	-	-	-	□200	□8	8.5	3083 3197 00
	Driver blank	-	-	-	-	Ø80	Ø3	3.5	9245 2827 10
	Tie Tamper	400	15.7	562	22	100	4	4.2	3083 4020 10
	Driver Pad	-	-	-	-	Ø120	Ø5	6.0	3376 1120 79
		-	-	-	-	Ø150	Ø6	7.0	3376 1120 77

¹⁾ 1 kg = 2.2 lb

Shank Hex 25 x 108 mm (Hex 1 x 4¼ in)

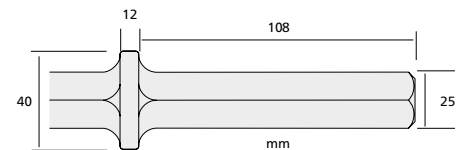
point to flat (ISO) 

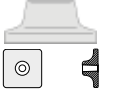


	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	380	15	500	20	-	-	2.1	3083 3253 00
	Narrow chisel	380	15	500	20	-	-	2.1	3083 3254 00
	Wide chisel	380	15	500	20	75	3	2.5	3083 3255 00
	Digging chisel	380	15	500	20	75	3	3.2	3083 3256 00
	Digging spade	380	15	500	20	120	3 ¾	3.9	3083 3257 00
	Clay spade	430	17	550	22	125	5	3.3	3083 3033 00
	Wedge chisel	380	15	500	20	35	1 ⅜	2.4	3083 3258 00
	Shaft for pad	280	11	400	16	-	-	1.9	3083 3259 00
	Tamping pad	-	-	-	-	Ø175	Ø7	7.5	3083 3252 10
	Tamping pad square	-	-	-	-	□175	□7	6.0	3083 3239 01
	Driver pad	-	-	-	-	Ø65	Ø2 ½	3.0	3371 8060 39
		-	-	-	-	Ø100	Ø5	4	9245 2817 90

Shank Hex 25 x 108 mm (Hex 1 x 4¼ in)

flat to flat (North America) 

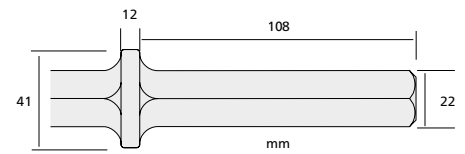


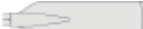
	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	380	15	500	20	-	-	2.1	3083 4030 00
		450	18	570	22	-	-	2.5	3083 4030 10
		610	24	730	29	-	-	3.1	3083 4030 20
	Narrow chisel	380	15	500	20	-	-	2.1	3083 3309 00
		450	18	570	22	-	-	2.5	3083 4031 10
		610	24	730	29	-	-	3.1	3083 4031 20
	Wide chisel	380	15	500	20	75	3	2.5	3083 3310 00
		380	15	500	20	40	1½	2.4	3083331300
	Asphalt cutter	330	13	450	18	125	5	2.9	3083 4033 00
	Digging spade	330	13	450	18	120	4 ¾	4.0	3083 3312 00
	Clay spade	410	16	530	21	125	5	3.8	3083 4035 00
	Shaft for pad	280	11	400	16	-	-	2.0	3083 4037 00
	Tamping pad	-	-	-	-	Ø175	Ø7	7.5	3083 3252 10
		-	-	-	-	□175	□7	6.0	3083 3239 01
	Driver pad	-	-	-	-	Ø65	Ø2 ½	2.5	3371 8060 39
		-	-	-	-	Ø100	Ø4	2.5	9245 2817 90
	Tie tamper	450	18	570	23	90	3.5	4.4	3083 3320 00

¹⁾ 1 kg = 2.2 lb

Shank Hex 22 x 108 mm (Hex 7/8 x 4 1/4 in)

point to flat 



	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	350	14	470	19	-	-	1.5	3083 3228 00
		480	19	600	24	-	-	2.0	3083 3229 00
	Narrow chisel	240	9 1/2	360	14	45	1 3/4	1.2	3083 3231 00
		340	13	460	18	28	1 3/4	1.4	3083 3230 00
		450	18	570	22	23	1 3/4	2.0	3083 4071 00
	Wide chisel	380	15	500	20	75	3	2.6	3083 3232 00
		450	18	570	22	75	3	3.1	3083 4072 00
	Asphalt cutter	350	14	470	19	125	5	3.0	9245 2812 90
	Digging chisel	280	11	400	16	75	3	2.7	3083 3233 00
	Digging spade	330	13	450	18	120	4 3/4	3.2	3083 3234 00
	Clay spade	350	14	470	19	125	5	3.4	3083 3235 00
	Wedge chisel	380	15	500	20	35	1 3/8	2.8	3083 3236 00
	Tie tamper	390	15	510	20	90	3 1/2	3.0	3083 3237 00
	Tie tamper	460	18	580	23	90	3 1/2	3.3	9245 2823 30
	Wedge hammer	195	7 3/4	315	12	Ø 42	Ø 1 5/8	2.0	3083 3241 00
	Driver blank	195	7 3/4	315	12	Ø 55	Ø 2 1/8	2.5	9245 2822 80
	Shaft for pad	185	7 1/4	305	12	-	-	1.3	3083 3238 00
	Tamping pad	-	-	-	-	Ø 175	Ø 7	7.5	3083 3252 10
		-	-	-	-	□175	□7	6.0	3083 3239 01
	Driver pad	-	-	-	-	Ø 65	Ø 2 1/2	-	3371 8060 39
		-	-	-	-	Ø 100	Ø 4	2.5	9245 2817 90
	Wedge plug ³⁾	-	-	390	15	20 x 24	3/4 x 1	0.9	9245 2822 00
	Feather pair ³⁾	-	-	180	7	Ø 26.5	Ø 1	0.6	9245 2822 10
	Wedge set ⁴⁾	-	-	-	-	-	-	1.5	9245 2813 81
	Wedge plug ⁵⁾	-	-	420	17	22 x 28	7/8 x 1 1/8	1.2	9245 2813 50
	Feather pair ⁵⁾	-	-	210	8 1/4	Ø 33	Ø 1 1/4	0.9	9245 2813 60
	Wedge set ⁶⁾	-	-	-	-	-	-	2.1	9245 2813 51

¹⁾ 1 kg = 2.2 lb

³⁾ for hole Ø 29 mm (1 1/8 in)

⁴⁾ for hole Ø 29 mm (1 1/8 in). 9245 2822 00 + 9245 2822 10

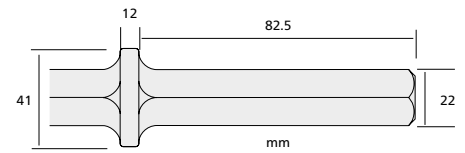
⁵⁾ for hole Ø 34 mm (1 3/8 in)

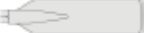
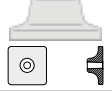
⁶⁾ for hole Ø 34 mm (1 3/8 in). 9245 2813 50 + 9245 2813 60

⁷⁾ 3082 3228 00 + 3083 3234 00 + 3083 3235 00 + 3083 3236 00

Shank Hex 22 x 82.5 mm (Hex 7/8 x 3 1/4 in)

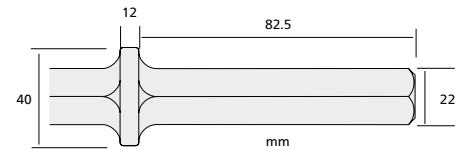
point to flat (ISO) 

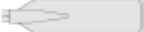
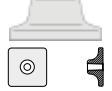


	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	380	15	475	19	-	-	1.5	3083 3242 00
		1000	39	1095	43	-	-	3.6	3083 3243 00
	Narrow chisel	380	15	475	19	-	-	1.5	3083 3244 00
		1000	39	1095	43	-	-	3.6	3083 3245 00
	Wide chisel	380	15	475	19	75	3	2.3	3083 3246 00
	Asphalt cutter	380	15	475	19	125	5	3.2	3083 3069 00
	Digging chisel	450	18	545	21	75	3	3.5	3083 3247 00
	Digging spade	400	16	495	19	120	4 3/4	3.7	3083 3248 00
	Clay spade	430	17	525	21	125	5	3.3	3083 3249 00
	Wedge chisel	380	15	475	19	35	1 3/8	2.6	3083 3250 00
	Shaft for pad	310	12	405	16	-	-	1.3	3083 3251 00
	Tamping pad	-	-	-	-	Ø175	Ø 7	7.5	3083 3252 10
		-	-	-	-	□175	□ 7	6.0	3083 3239 01
	Driver pad	-	-	-	-	Ø 65	Ø2 1/2	2.5	3371 8060 39
		-	-	-	-	Ø100	Ø 4	2.5	9245 2817 90

Shank Hex 22 x 82.5 mm (Hex 7/8 x 3 1/4 in)

flat to flat (North America) 

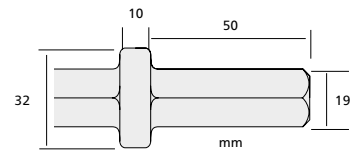


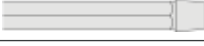
	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	355	14	450	18	-	-	1.5	3083 4050 00
		450	18	545	21	-	-	1.8	3083 4050 10
		610	24	705	28	-	-	2.3	3083 4050 20
	Narrow chisel	355	14	450	18	-	-	1.5	3083 3303 00
		450	18	545	21	-	-	1.8	3083 4051 10
		610	24	705	28	-	-	2.3	3083 3304 00
	Wide chisel	355	14	450	18	75	3	1.8	3083 3305 00
	Digging chisel	355	14	450	18	75	3	3.2	3083 3306 00
	Clay spade	430	17	525	21	125	5	3.6	3083 3308 00
	Shaft for pad	205	8	300	12	-	-	1.1	3083 4058 00
	Tamping pad	-	-	-	-	Ø175	Ø 7	7.5	3083 3252 10
		-	-	-	-	□175	□ 7	6	3083 3239 01
	Driver pad	-	-	-	-	Ø 65	Ø2 1/2	2.5	3371 8060 39
		-	-	-	-	Ø100	Ø 4	2.5	9245 2817 90

¹⁾ 1 kg = 2.2 lb

Shank Hex 19 x 50 mm (Hex ¾ x 2 in)

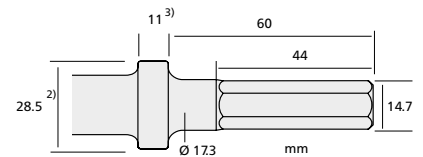
flat to flat 

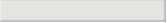


	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	240	9 ½	300	12	-	-	0.8	3083 3220 00
		440	17	500	20	-	-	1.3	3083 3221 00
		600	24	680	27	-	-	1.6	3310 1017 78
		1000	39	1060	42	-	-	2.8	3310 1017 79
	Narrow chisel	240	9 ½	300	12	-	-	0.8	3083 3222 00
		440	17	500	20	-	-	1.3	3083 3223 00
		600	24	660	26	-	-	1.6	3310 1017 71
		1000	39	1060	42	-	-	2.8	3310 1017 72
	Wide chisel	190	7 ½	250	10	60	2 ¾	0.7	3083 3224 00
	Shaft for bush hammer	80	3 ⅛	140	5 ½	-	-	0.4	3083 3225 00
	Bush hammer TC head	-	-	-	-	□40	□1 ½	0.5	3083 3226 00
		-	-	-	-	□40	□1 ½	0.5	3083 3227 00
	Bush hammer steel head	-	-	-	-	□32	□1 ¼	0.2	3083 4163 00

Shank Hex 14.7 mm (Hex .580 in)

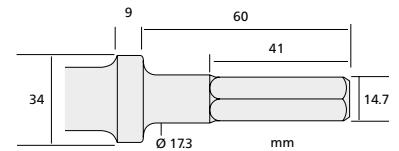
(North America)  oval collar  round collar



	Description	Working length		Total length		Blade / Tip width		Weight	Part number	
		mm	in	mm	in	mm	in	kg ¹⁾	oval collar	round collar
	Moil point	235	9 ¼	305	12	-	-	0.8	3083 4120 10	3083 4130 10
		380	15	450	18	-	-	1.1	3083 4120 20	3083 4130 20
	Narrow chisel	160	6 ¼	230	9	-	-	0.6	3083 4121 00	3083 4131 00
		235	9 ¼	305	12	-	-	0.8	3083 4121 10	3083 4131 10
	Wide chisel	380	15	450	18	38	1 ½	1.2	3083 4122 20	-
		380	15	450	18	65	2 ½	1.4	3083 4122 80	-
		160	6 ¼	230	9	75	3	0.7	3083 4122 90	-
	Bushing tool	170	6 ¾	240	9 ½	□50	□2	1.2	3083 4124 00	3083 4134 00
	Chisel blank	130	5	200	8	Ø 20	Ø ¾	0.5	3083 4125 00	-
		235	9 ¼	305	12	Ø 20	Ø ¾	0.7	3083 4125 10	-

¹⁾ 1 kg = 2.2 lb

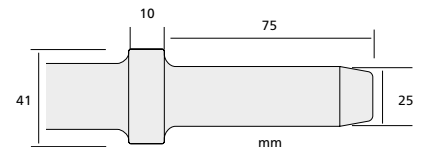
Shank Hex 14.7 – Rd 17.3 x 60 mm (Hex 5/16 – Rd 1 1/16 x 2 3/8 in)



	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	230	9	300	12	-	-	0.7	3083 3200 00
	Wide chisel	175	7	245	10	60	2 3/8	0.7	3083 3410 00

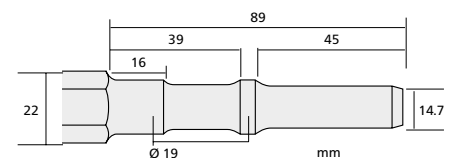
Shank Rd 25 x 75 mm (Rd 1 x 3 in)

 round collar



	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	330	13	415	16	-	-	1.6	3083 3265 00
		450	18	535	21	-	-	2.0	3083 3265 10
		600	24	680	27	-	-	3.0	3310 1017 80
		800	31 1/2	880	35	-	-	3.9	3310 1017 81
		1200	47	1280	47	-	-	5.7	3310 1017 82
		1500	59	1580	59	-	-	7.1	3310 1017 83
		2000	79	2080	79	-	-	9.3	3310 1017 84
	Narrow chisel	330	13	415	16	-	-	1.6	3083 3266 00
		450	18	535	21	-	-	2.0	3083 3266 10
		600	24	680	27	-	-	3.0	3310 1017 73
		800	31 1/2	880	35	-	-	3.9	3310 1017 74
		1200	47	1280	47	-	-	5.7	3310 1017 75
		1500	59	1580	59	-	-	7.1	3310 1017 76
		2000	79	2080	79	-	-	9.3	3310 1017 77

Shank Rd 14.7 x 89 mm (Rd 5/16 x 3 1/2 in)

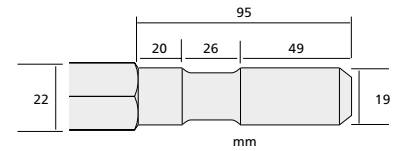


	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	210	8 1/4	300	12	-	-	0.6	3083 3263 00
	Narrow chisel	210	8 1/4	300	12	-	-	0.6	3083 3264 00

¹⁾ 1 kg = 2.2 lb ²⁾ round collar: 31.5 ³⁾ round collar: 9.5

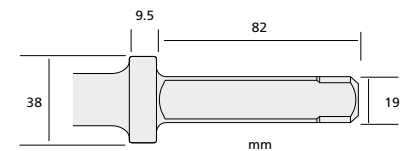
Shank Rd 19 x 95 mm (Rd ¾ x 3 ¾ in)

(North America)



	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	150	6	255	10	-	-	0.7	3083 4160 00
		275	11	380	15	-	-	1.0	3083 3261 00
	Narrow chisel	150	6	255	10	-	-	0.7	3083 4161 00
		275	11	380	15	-	-	1.0	3083 3262 00
	Wide chisel	150	6	255	10	75	3	0.8	3083 4165 00
	Shaft for bush hammer	125	5	380	9	-	-	0.6	3083 4162 00
	Bush hammer TC head	-	-	-	-	□40	□1 ½	0.5	3083 3226 00
		-	-	-	-	□40	□1 ½	0.5	3083 3227 00
	Bush hammer steel head	-	-	-	-	□32	□1 ¼	0.2	3083 4163 00

Shank Sq 19 x 82 mm (Sq ¾ x 3 ¼ in)



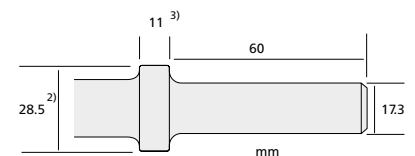
	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	330	13	420	17	-	-	1.4	3083 4170 00
	Narrow chisel	330	13	420	17	-	-	1.4	3083 4170 10

Shank Rd 17.3 mm (Rd .680 in)

(North America)

 oval collar

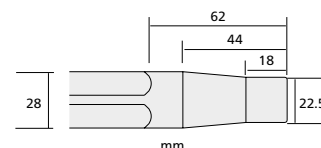
 round collar



	Description	Working length		Total length		Blade / Tip width		Weight	Part number	
		mm	in	mm	in	mm	in	kg ¹⁾	oval collar	round collar
	Moil point	160	6 ¼	230	9	-	-	0.6	3083 4100 00	3083 4110 00
		235	9 ¼	305	12	-	-	0.8	3083 4100 10	3083 4110 10
		380	15	450	18	-	-	1.1	3083 4100 20	3083 4110 20
	Narrow chisel	160	6 ¼	230	9	-	-	0.6	3083 4101 00	3083 4111 00
		235	9 ¼	305	12	-	-	0.8	3083 4101 10	3083 4111 10
		380	15	450	18	-	-	1.1	3083 4101 20	3083 4111 20
	Wide chisel	160	6 ¼	230	9	38	1 ½	0.7	3083 4102 00	-
		235	9 ¼	305	12	38	1 ½	0.9	3083 4102 10	-

¹⁾ 1 kg = 2.2 lb

Rivet Buster (Jumbo Shank Size)

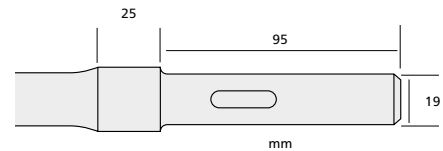


	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Moil point	145	5 ¾	255	10	-	-	0.9	3083 4140 00
		195	7 ¾	305	12	-	-	1.1	3083 4140 10
		340	13	450	18	-	-	1.8	3083 4140 20
	Narrow chisel	145	5 ¾	255	10	-	-	0.9	3083 4141 00
		195	7 ¾	305	12	-	-	1.1	3083 4141 10
		340	13	450	18	-	-	1.8	3083 4141 20
	Loose rivet buster	145	5 ¾	255	10	-	-	0.9	3083 4142 00
		195	7 ¾	305	12	-	-	1.1	3083 4142 10
		340	13	450	18	-	-	1.8	3083 4146 20
	Tight rivet buster	145	5 ¾	255	10	-	-	0.9	3083 4145 00
		195	7 ¾	305	12	-	-	1.1	3083 4145 10
		340	13	450	18	-	-	1.8	3083 4145 20
	Driftpin driver	80	3	190	7 ½	Ø 22	Ø 7/8	0.7	3083 4143 00
	Chisel ripper	120	4 ¾	230	9	-	-	0.8	3083 4144 00
	Backout punch - Long Clearance	102	4	212	8 ⅓	15.9	5/8	0.8	3083 4148 10
		152	6	262	10 ⅓	15.9	5/8	0.8	3083 4148 20
		102	4	212	8 ⅓	19	¾	0.8	3083 4148 40
		152	6	262	10 ⅓	19	¾	0.9	3083 4148 50
		102	4	212	8 ⅓	22	7/8	0.9	3083 4148 70
		152	6	262	10 ⅓	22	7/8	1.0	3083 4148 80

¹⁾ 1 kg = 2.2 lb

Shank Rd 19 x 95 mm (Rd ¾ x 3 ¾ in)

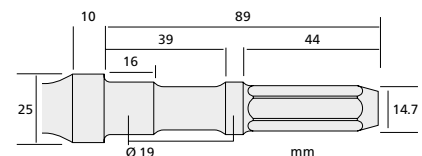
Plug hole drill



	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Plug hole drill	200	8	330	13	Ø 13	Ø ½	0.4	3083 4150 00
		200	8	330	13	Ø 16	Ø 5/8	0.4	3083 4151 00
		300	12	430	17	Ø 16	Ø 5/8	0.5	3083 4151 10
		200	8	330	13	Ø 19	Ø ¾	0.5	3083 4152 00
		300	12	430	17	Ø 19	Ø ¾	0.6	3083 4152 10
		200	8	330	13	Ø 22	Ø 7/8	0.5	3083 4153 00
		300	12	430	17	Ø 22	Ø 7/8	0.9	3083 4153 10
		450	18	580	23	Ø 22	Ø 7/8	1.2	3083 4153 20
		200	8	330	13	Ø 25	Ø 1	0.6	3083 4154 00
		300	12	430	17	Ø 25	Ø 1	1	3083 4154 10
		450	18	580	23	Ø 25	Ø 1	1.3	3083 4154 20
	Plug hole drill DKR-36R	265	10	395	16	Ø 13	Ø ½	0.5	3083 4150 10
		450	18	580	23	Ø 16	Ø 5/8	0.8	3083 4151 20
		450	18	580	23	Ø 19	Ø ¾	0.9	3083 4152 20
	Adaptor CP 9 to SDS Plus	-							R137586

Shank Rd 19 - Hex 14.7 x 89 mm (Rd ¾ - Hex 5/16 x 3 ½ in)

Plug hole drill



	Description	Working length		Total length		Blade / Tip width		Weight	Part number
		mm	in	mm	in	mm	in	kg ¹⁾	
	Plug hole drill ²⁾	80	3	110	4 ¼	Ø 8	Ø 5/16	0.02	0701 0808 00
		100	4	130	5	Ø 10	Ø 13/32	0.04	0701 1010 00
		120	4 ¾	150	6	Ø 12	Ø ½	0.08	0701 1212 00
	Plug hole drill	150	6	250	10	Ø 16	Ø 5/8	0.4	0700 1416 32
		230	9	330	13	Ø 19	Ø ¾	0.5	0700 2019 32
		230	9	330	13	Ø 22	Ø 7/8	0.6	0700 2022 32
		230	9	330	13	Ø 25	Ø 1	0.7	0700 2025 32
		330	13	430	17	Ø 32	Ø 1 ¼	1.0	0700 3032 32
		330	13	430	17	Ø 32	Ø 1 ¼	1.4	0700 3038 32
	Shank adapter ³⁾	-	-	125	5	-	-	0.2	0701 1001 32
	Knock-out block ^{2) 3)}	-	-	-	-	-	-	0.8	3085 0210 00
	Moil Point DKR-36	210	8 ¼	300	12	-	-	0.6	3083 3263 00
	Narrow Chisel DKR-36	210	8 ¼	300	12	-	-	0.6	3083 3264 00

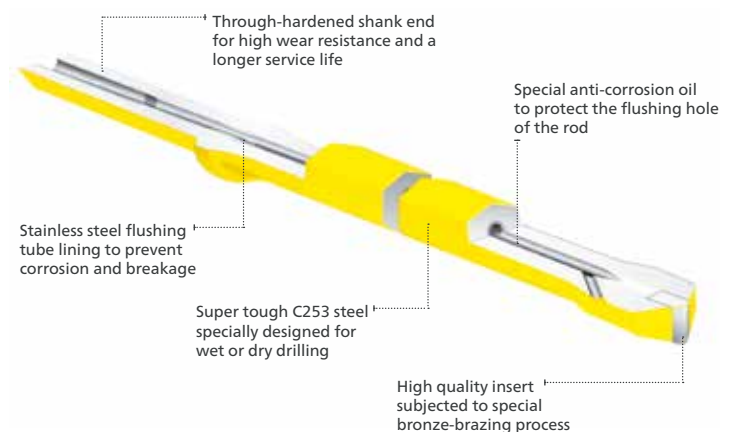
¹⁾ 1 kg = 2.2 lb ²⁾ Use with shank adaptor 0701 1001 32 ³⁾ For 8 mm, 10 mm and 12 mm drills

Drilling rods and bits



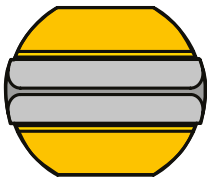
Whatever the **handheld application**, we have the solutions to match! **Our new product range is covering all the diameters and the lengths that our handheld drillers can drill.** The lowest cost per meter drilled is our guiding principle at Atlas Copco for our **handheld drilling** machines. Hence we use super tough C253 steel in our Atlas Copco integral drill rods. Our manufacturing process complements the quality of the raw material. Inserts are subjected to a high-quality bronze-brazing process using the exact right temperature and technique to reduce the risk of carbide failure. The shank is hardened to ensure the highest possible toughness and wear resistance.

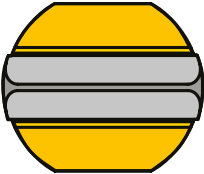
To meet diverse demands, we supply hexagonal rods 19 mm, 22 mm and 25 mm in a wide variety of lengths and great quality of bits fitting to them. Thanks to our global presence, we're never more than a phone call away.

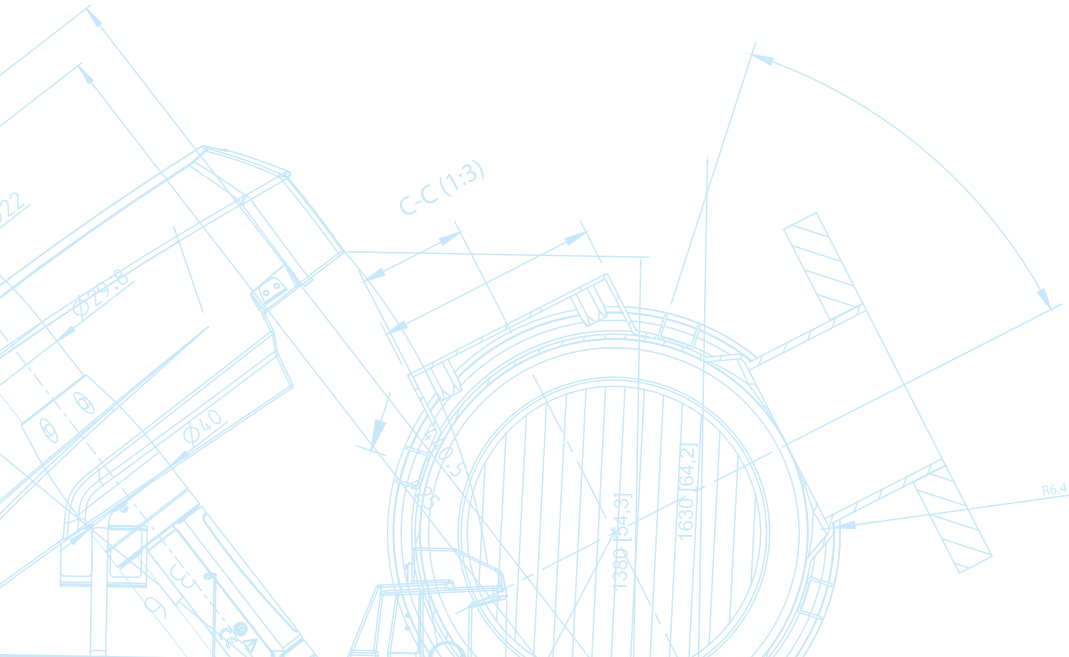


22 mm (7/8") Chisel bit integral.
Rod hex. 22 mm (7/8") Shank hex. 22 mm (7/8") x 108 mm (4 1/4")

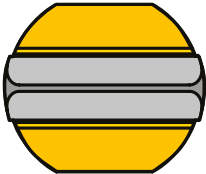


Description	Length (L)		Bit diameter		Weight approx.	Part number
	mm	ft/in	mm	in	kg	
 Integral H22 x 108 mm	400	1'3 3/4"	41	1 5/8	1.8	3310 1017 25
	600	1'11 5/8"	41	1 5/8	2.4	3310 1016 76
	800	2'7 1/2"	40	1 9/16	3.0	3310 1016 77
	800	2'7 1/2"	38	1 1/2	3.1	3310 1017 28
	1200	3'11 1/4"	40	1 9/16	4.3	3310 1016 78
	1200	3'11 1/4"	39	1 7/32	4.3	3310 1017 26
	1600	5'3"	39	1 7/32	5.4	3310 1016 79
	1600	5'3"	36	1 3/32	5.5	3310 1017 30
	1800	5'10 7/8"	39	1 7/32	6.1	3310 1016 80
	1800	5'10 7/8"	36	1 3/32	6.0	3310 1017 31
	2400	7'10 1/2"	38	1 1/2	7.8	3310 1016 81
	3200	10'6"	37	1 5/32	10.3	3310 1016 82
	4000	13'1 1/2"	36	1 3/32	12.6	3310 1017 29
	4800	15'9"	35	1 3/8	15.1	3310 1017 32
	5600	18'4 1/2"	34	1 1/32	17.6	3310 1016 94
	6400	21	33	1 5/16	19.8	3310 1016 97
	7200	23'7 1/2"	32	1 1/4	22.2	3310 1017 02
	8000	26'3"	31	1 7/32	24.6	3310 1017 07
	8800	28'9"	30	1 3/16	25.1	3310 1018 02
	9600	31'6"	29	1 5/32	30.4	3310 1017 12
	400	1'3 3/4"	35	1 3/8	1.7	3310 1016 83
	600	1'11 5/8"	35	1 3/8	2.4	3310 1016 84
	800	2'7 1/2"	34	1 11/32	3.0	3310 1016 85
	1200	3'11 1/4"	34	1 11/32	4.2	3310 1016 87
	1200	3'11 1/4"	33	1 5/16	4.3	3310 1016 98
	1600	5'3"	33	1 5/16	5.4	3310 1016 88
	1800	5'10 7/8"	33	1 5/16	6.1	3310 1016 96
	2000	6'6 3/4"	33	1 5/16	6.6	3310 1016 95
	2400	7'10 1/2"	32	1 1/4	7.9	3310 1017 00
	3200	10'6"	32	1 1/4	10.5	3310 1017 04
	3200	10'6"	31	1 7/32	10.3	3310 1017 05
	4000	13'1 1/2"	30	1 3/16	12.6	3310 1017 09
	4800	15'9"	29	1 5/32	15.1	3310 1017 10
	5600	18'4 1/2"	28	1 1/8	17.6	3310 1017 14

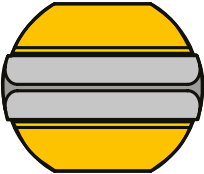
Description	Length (L)		Bit diameter		Weight approx.	Part number
	mm	ft/in	mm	in	kg	
 Integral H22 x 108 mm	6400	21	27	1 ¹ / ₁₆	19.9	3310 1017 16
	7200	23'7 ¹ / ₂ "	26	1 ¹ / ₃₂	22.3	3310 1017 19
	8000	26'3"	26	1 ¹ / ₃₂	24.7	3310 1017 20
	400	1'3 ³ / ₄ "	34	1 ¹ / ₃₂	1.7	3310 1016 89
	800	2'7 ¹ / ₂ "	33	1 ⁵ / ₁₆	3.0	3310 1016 86
	1200	3'11 ¹ / ₄ "	32	1 ¹ / ₄	4.2	3310 1016 99
	1600	5'3"	31	1 ⁷ / ₃₂	5.3	3310 1017 06
	2000	6'6 ³ / ₄ "	32	1 ¹ / ₄	6.6	3310 1017 03
	2000	6'6 ³ / ₄ "	30	1 ³ / ₁₆	6.5	3310 1017 08
	400	1'3 ³ / ₄ "	29	1 ⁵ / ₃₂	1.4	3310 1016 90
	600	1'11 ⁵ / ₈ "	27	1 ¹ / ₁₆	1.8	3310 1017 18
	800	2'7 ¹ / ₂ "	28	1 ¹ / ₈	2.3	3310 1016 91
	800	2'7 ¹ / ₂ "	29	1 ⁵ / ₃₂	3.0	3310 1017 11
	1600	5'3"	27	1 ¹ / ₁₆	4.0	3310 1016 92
	1600	5'3"	28	1 ¹ / ₈	5.3	3310 1017 15
	2400	7'10 ¹ / ₂ "	27	1 ¹ / ₁₆	7.9	3310 1016 93
	2400	7'10 ¹ / ₂ "	26	1 ¹ / ₃₂	5.8	3310 1017 21
	3200	10'6"	27	1 ¹ / ₁₆	10.2	3310 1017 17
	3200	10'6"	28	1 ¹ / ₈	10.5	3310 1017 13
	400	1'3 ³ / ₄ "	24	1 ⁵ / ₁₆	1.4	3310 1017 22
	800	2'7 ¹ / ₂ "	23	2 ⁹ / ₃₂	2.3	3310 1017 23
	1200	3'11 ¹ / ₄ "	23	2 ⁹ / ₃₂	3.0	3310 1017 24



25 mm (1") Chisel bit integral.
Rod hex. 22 mm (1") Shank hex. 22 mm (1") x 108 mm (4¼")

Description	Length (L)		Bit diameter		Weight approx.	Part number
	mm	ft/in	mm	in	kg	
 Integral H25 x 108 mm	600	1'11½"	41	1⅝	2.7	3310 1017 33
	800	2'7½"	40	1⅞	3.4	3310 1017 34
	1200	3'11¼"	40	1⅞	4.9	3310 1017 35
	1600	5'3"	39	1⅞	6.1	3310 1017 36
	1800	5'10⅞"	39	1⅞	6.9	3310 1017 37
	2400	7'10½"	38	1½	8.9	3310 1017 38
	400	1'3¾"	35	1⅜	1.9	3310 1017 39
	400	1'3¾"	34	1⅞	1.9	3310 1017 40
	600	1'11½"	35	1⅜	2.7	3310 1017 41
	800	2'7½"	34	1⅞	3.4	3310 1017 42
	800	2'7½"	33	1⅞	3.4	3310 1017 43
	1200	3'11¼"	34	1⅞	4.8	3310 1017 44
	1600	5'3"	33	1⅞	6.1	3310 1017 45
	2400	7'10½"	32	1¼	9.0	3310 1017 46
	3200	10'6"	32	1¼	11.9	3310 1017 47
	3200	10'6"	31	1⅞	11.7	3310 1017 48

19 mm (3/4") Chisel bit integral.
Rod hex. 19 mm (3/4") Shank hex. 19 mm (3/4") x 108 mm (4 1/4")

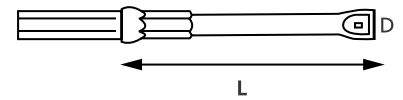
Description	Length (L)		Bit diameter		Weight approx.	Part number
	mm	ft/in	mm	in	kg	
 Integral H19 x 108 mm	400	1'3 3/4"	34	1 11/32	1.5	3310 1017 57
	800	2'7 1/2"	34	1 11/32	2.6	3310 1017 59
	800	2'7 1/2"	33	1 5/16	2.6	3310 1017 60
	1200	3'11 1/4"	34	1 11/32	3.6	3310 1017 61
	1600	5'3"	33	1 5/16	4.7	3310 1017 62
	2400	7'10 1/2"	32	1 1/4	6.8	3310 1017 63
	3200	10'6"	32	1 1/4	9.1	3310 1017 64
	3200	10'6"	31	1 7/32	8.9	3310 1017 65
	400	1'3 3/4"	29	1 5/32	1.1	3310 1017 66
	800	2'7 1/2"	28	1 1/8	1.9	3310 1017 67
	1600	5'3"	27	1 1/16	3.5	3310 1017 68
	2400	7'10 1/2"	27	1 1/16	6.8	3310 1017 69
	3200	10'6"	27	1 1/16	8.8	3310 1017 70
	800	2'7 1/2"	23	29/32	1.9	3310 1018 03
	600	1'11 5/8"	27	1 1/16	1.5	3310 1018 04

Shank End Rods R25 (1")



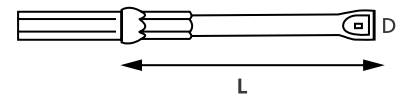
Description	Length (L)		Bit diameter		Weight approx.	Part number
	mm	ft/in	mm	in	kg	
Shank End Rod R25 (1"), H22 x 108 mm	265	10 3/8"	25	1	1.2	3310 1018 05
	610	2'	25	1	2.3	3310 1018 06
	760	2'5 7/8"	25	1	2.9	3310 1018 07
	1000	3'3 3/8"	25	1	3.4	3310 1018 08
	1200	3'11 1/4"	25	1	4.5	3310 1018 09
	1830	6'	25	1	6.2	3310 1017 85
	2435	8'	25	1	8.0	3310 1017 86
	3200	10'6"	25	1	10.4	3310 1017 87
	3600	11'9 3/4"	25	1	11.8	3310 1017 88
Shank End Rod R25 (1"), H25 x 108 mm	255	10"	25	1	1.5	3310 1017 89
	610	2'	25	1	3.1	3310 1017 90
	1200	3'11 1/4"	25	1	5.1	3310 1017 91
	1830	6'	25	1	7.7	3310 1017 92
	2435	8'	25	1	9.5	3310 1017 93

Plug Hole Rods
Shank 19 mm (¾") x 108 mm (4¼")



Description	Length (L)		Bit diameter		Weight approx.	Part number
	mm	ft/in	mm	in	kg	
Plug Hole Rod H19x108 MM, 200 MM, ø17 MM	200	7 7/8"	17	21/32	0.8	3310 1018 26
Plug Hole Rod H19x108 MM, 250 MM, ø17 MM	250	9 27/32"	17	21/32	0.9	3310 1018 27
Plug Hole Rod H19x108 MM, 300 MM, ø17 MM	300	11 13/16"	17	21/32	1	3310 1018 28
Plug Hole Rod H19x108 MM, 200 MM, ø20 MM	200	7 7/8"	20	25/32	0.8	3310 1018 29
Plug Hole Rod H19x108 MM, 250 MM, ø20 MM	250	9 27/32"	20	25/32	0.9	3310 1018 30
Plug Hole Rod H19x108 MM, 300 MM, ø20 MM	300	11 13/16"	20	25/32	1	3310 1018 31
Plug Hole Rod H19x108 MM, 200 MM, ø23 MM	200	7 7/8"	23	29/32	0.8	3310 1018 32
Plug Hole Rod H19x108 MM, 250 MM, ø23 MM	250	9 27/32"	23	29/32	0.9	3310 1018 33
Plug Hole Rod H19x108 MM, 300 MM, ø23 MM	300	11 13/16"	23	29/32	1	3310 1018 34

Plug Hole Rods
Shank 22 mm (7/8") x 108 mm (4¼")



Description	Length (L)		Bit diameter		Weight approx.	Part number
	mm	ft/in	mm	in	kg	
Plug Hole Rod H22x108 MM, 200 MM, ø17 MM	200	7 7/8"	17	21/32	0.8	3310 1018 35
Plug Hole Rod H22x108 MM, 250 MM, ø17 MM	250	9 27/32"	17	21/32	0.9	3310 1018 36
Plug Hole Rod H22x108 MM, 300 MM, ø17 MM	300	11 13/16"	17	21/32	1	3310 1018 37
Plug Hole Rod H22x108 MM, 200 MM, ø20 MM	200	7 7/8"	20	25/32	0.8	3310 1018 38
Plug Hole Rod H22x108 MM, 250 MM, ø20 MM	250	9 27/32"	20	25/32	0.9	3310 1018 39
Plug Hole Rod H22x108 MM, 300 MM, ø20 MM	300	11 13/16"	20	25/32	1	3310 1018 40
Plug Hole Rod H22x108 MM, 200 MM, ø23 MM	200	7 7/8"	23	29/32	0.8	3310 1018 41
Plug Hole Rod H22x108 MM, 250 MM, ø23 MM	250	9 27/32"	23	29/32	0.9	3310 1018 42
Plug Hole Rod H22x108 MM, 300 MM, ø23 MM	300	11 13/16"	23	29/32	1	3310 1018 43

R25 Drill Bits

Description	Diameter	Gauge Carbide	Front Carbide	Side Carbide	Face Flushing	Gauge angle	Part number
	mm	mm	mm	mm	mm		
Drill Bit R25 (1"), 8 Buttons	33	6 x 7	2 x 7	1 x 5	2 x 5	35	3310 1017 94
Drill Bit R25 (1"), 8 Buttons	35	6 x 7	2 x 7	1 x 5	2 x 5		3310 1017 95
Drill Bit R25 (1"), 7 Buttons	37	6 x 7	2 x 7	1 x 5	2 x 5		3310 1017 96
Drill Bit R25 (1"), 9 Buttons	38	6 x 8	3 x 7	1 x 5	3 x 5		3310 1017 97
Drill Bit R25 (1"), 8 Buttons	41	6 x 8	2 x 8	1 x 5	2 x 5		3310 1017 98
Drill Bit R25 (1"), 9 Buttons	45	6 x 9	3 x 7	1 x 5	3 x 5		3310 1017 99
Drill Bit R25 (1"), 9 Buttons	48	6 x 10	3 x 9	1 x 6	3 x 5		3310 1018 00
Drill Bit R25 (1"), 9 Buttons	51	6 x 10	3 x 9	1 x 6	3 x 5		3310 1018 01

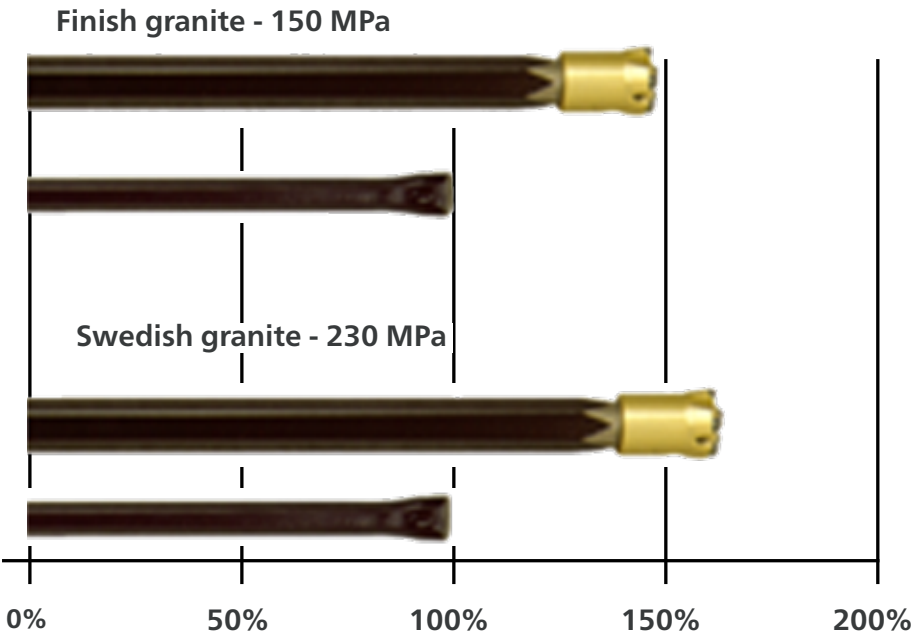
Drill rod

Tapered Rods
11° taper
Shank hex. 22 mm (7/8") x 108 mm (4 1/4"). Rod hex. 22 mm (7/8")



Description	Length (L)		Weight approx.	Part number
	mm	ft/in	kg	
Tapered Rods 11°, H22 x 108 mm	610	2	2.4	3310 1016 62
	1220	4	4.2	3310 1016 63
	1525	5	5.3	3310 1016 64
	1830	6	5.9	3310 1016 65
	2000	6'6 3/4"	6.6	3310 1016 66
	2435	8	7.7	3310 1016 67
	2600	8'6 3/8"	8.2	3310 1016 68
	3200	10'6"	10.3	3310 1016 69

Penetration rate 25-50% higher compared to Integral steel



- Tapered equipment gives you these features**
- Better penetration rate
 - Longer service life
 - Longer intervals between regrinding
 - Easier to adapt to different rock conditions
 - Less risk of getting stuck
 - Easier collaring
 - Easier to drill straight holes
 - Less vibrations
 - Tapered bits are easier to transport

Tapered Rods

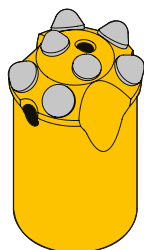
12° taper

Shank hex. 22 mm (7/8") x 108 mm (4¼"). Rod hex. 22 mm (7/8").

Description	Length (L)		Weight approx.	Part number
	mm	ft/in	kg	
Tapered Rods 12°, H22 x 108 mm	610	2	2.4	3310 1018 12
	1220	4	4.2	3310 1018 13
	1525	5	5.3	3310 1018 14
	1830	6	5.9	3310 1018 15
	2000	6'6¾"	6.6	3310 1018 16
	2435	8	7.7	3310 1018 17
	2600	8'6¾"	8.2	3310 1018 18
	3200	10'6"	10.3	3310 1018 19

Tapered Bits

Description	Diameter		No. of buttons	Buttons x button diameter (mm)		Gauge button angle°	Front button angle°	Flushing hole		Weight approx.	Part number
	mm	in		Gauge	Centre			Side	Centre	kg	
Tapered Bits 7° H22x108mm	30	1⅜	6	4 x 7	2 x 7	35°	–	1	2	0.3	3310 1023 30
	32	1¼	8	6 x 7	2 x 7	35°	15	1	2	0.3	3310 1023 31
	33	1⅝	8	6 x 7	2 x 7	35°	15	1	2	0.3	3310 1023 32
	34	1⅞	8	6 x 7	2 x 7	35°	15	1	2	0.3	3310 1023 33
	36	1⅜	7	5 x 8	2 x 7	35°	–	1	1	0.3	3310 1023 34
	38	1½	7	5 x 9	2 x 7	35°	–	1	1	0.3	3310 1023 35
	41	1⅝	7	5 x 9	2 x 7	35°	–	1	1	0.3	3310 1023 36
Tapered Bits 11° H22 x 108 mm	32	1¼	8	6 x 7	2 x 7	39°	15°	1	1	0.3	3310 1016 70
	33	1⅝	8	4 x 7	2 x 7	40°	–	1	1	0.2	3310 1016 71
	34	1⅞	8	6 x 7	3 x 7	40°	20°	2	–	0.3	3310 1016 72
	36	1⅜	7	5 x 8	2 x 7	35°	–	1	1	0.3	3310 1016 73
	38	1½	7	5 x 9	2 x 7	35°	–	1	1	0.3	3310 1016 74
	41	1⅝	7	5 x 9	2 x 7	35°	–	2	1	0.3	3310 1016 75
Tapered Bits 12° H22 x 108 mm	32	1¼	8	6 x 7	2 x 7	39°	15°	1	1	0.3	3310 1018 20
	33	1⅝	8	4 x 7	2 x 7	40°	–	1	1	0.2	3310 1018 21
	34	1⅞	8	6 x 7	3 x 7	40°	20°	2	–	0.3	3310 1018 22
	36	1⅜	7	5 x 8	2 x 7	35°	–	1	1	0.3	3310 1018 23
	38	1½	7	5 x 9	2 x 7	35°	–	1	1	0.3	3310 1018 24
	41	1⅝	7	5 x 9	2 x 7	35°	–	2	1	0.3	3310 1018 25



All round bit for medium-hard to hard rock.
Front and side flushing. Inclined front buttons.

Service Offer For Pneumatic Tools

Airline hoses for pneumatic tools



X- LITE: 100 % safety and operating comfort

As compressed air application for demanding jobs, X- LITE pneumatic hoses offer a perfectly safe transfer of compressed air into the machines – at almost any working condition for professional drills and breakers.

X- LITE stands for maximum operator comfort, as lightweight flat hoses are much more easy to handle than conventional heavy and bulky ones. With maximum safety included: Manufactured with a woven reinforcement, they remain extremely resistant to bursting or tearing during a long lifetime.

In addition, the X- LITE range offers customised versions – in order to identify company equipment clearly on the site.

The benefits of X- LITE, at a glance:

Fast on long stretches

X- LITE is extremely flexible and can be easily unrolled.

Ideal size and weight

X- LITE is only one - fifth the thickness of a conventional rubber hose and requires 50 % less storage space. Furthermore, it weighs three times less.

5-fold safety

With an operating pressure of 20 bar, the bursting pressure is above 100 bar.

No whipping

Should the X- LITE tear, the crack will progress in a longitudinal and never in a transverse direction. Advantage: the hose remains in one piece and there are no whipping ends.

X-Lite Flat Hoses

Hose rolls



	Description	Inner diameter		Thickness		Max. working pressure		Length of roll		Weight	Content	Part number
		mm	in	mm	in	bar	psi	m	ft	kg ¹⁾		
	Lightweight hose	20	¾	2.0	⅝ ₆₄	20	290	60	195	11	-	9030 2114 00
		20	¾	2.5	⅝ ₆₄	20	290	100	325	18		9030 2114 01
		20	¾	2.5	⅝ ₆₄	20	290	200	650	36		9030 2114 02
		25	1	2.5	⅝ ₆₄	20	290	60	195	15		9030 2106 00
		25	1	2.5	⅝ ₆₄	20	290	100	325	25		9030 2106 01
		25	1	2.5	⅝ ₆₄	20	290	200	650	50		9030 2106 02
		40	1 ½	2.5	⅝ ₆₄	14	200	60	195	27		9030 2107 00
		50	2	2.8	⅞ ₆₄	14	200	60	195	33		9030 2108 00
	Hose X-Lite	50	2	-	-	14	200	200	650	110		9030 2108 02
	Lightweight hose	76	3	3.0	⅛	10	145	40	130	38		9030 2109 00

Extra value! 1,000 + 200 m packages	Lightweight hose (20 x 60 m)	20	¾	2.0	⅝ ₆₄	20	290	60	195	220	20 x 9030 2114 00	9030 2114 80
	Package of 10 rolls (10 x 60 m)	20	¾	2.0	⅝ ₆₄	20	290	60	195	110	10 x 9030 2114 00	9030 2114 90
	Lightweight hose (12 x 100 m)	20	¾	2.5	⅝ ₆₄	20	290	100	325	220	12 x 9030 2114 01	9030 2114 81
	Lightweight hose (6 x 200 m)	20	¾	2.5	⅝ ₆₄	20	290	200	650	220	6 x 9030 2114 02	9030 2114 82
	Lightweight hose (20 x 60 m)	25	1	2.5	⅝ ₆₄	20	290	60	195	280	20 x 9030 2106 00	9030 2106 80
	Lightweight hose (12 x 100 m)	25	1	2.5	⅝ ₆₄	20	290	100	325	280	10 x 9030 2106 01	9030 2106 81
	Lightweight hose (6 x 200 m)	25	1	2.5	⅝ ₆₄	20	290	200	650	280	6 x 9030 2106 02	9030 2106 82

X- LITE flat hoses

Pre-mounted hoses



	Description	Inner diameter		Thickness		Max. working pressure		Length of roll		Weight	Content	Part number
		mm	in	mm	in	bar	psi	m	ft	kg ¹⁾		
	Universal	20	¾	2.0	⅝ ₆₄	20	290	20	65	4.5	-	9030 2115 00
	Universal	20	¾	2.0	⅝ ₆₄	20	290	15	49	3.5		9030 2115 15
	RH 571, 572E, 658	20	¾	2.0	⅝ ₆₄	20	290	3	10	1		9030 2163 00
	Universal	25	1	2.0	⅝ ₆₄	20	290	20	65	6		9030 2111 00
Extra value!												
500 + 100 m packages	Universal (30 x 20 m)	20	¾	2.0	⅝ ₆₄	20	290	20	65	135	30 x 9030 2115 00	9030 2115 80
	Universal (30 x 20 m)	25	1	2.0	⅝ ₆₄	20	290	20	65	180	30 x 9030 2111 00	9030 2111 80

¹⁾ 1 kg = 2.2 lb

UNBEATABLE – A CLASS

High-pressure applications: the pre-assembled H-Lite pneumatic hose from Atlas Copco ensures that compressed air is safely transported from the compressor to the drill rig, e.g. during water well boring or other drilling applications.

The high-pressure hose is extremely lightweight, easy to handle and very safe: A twin jacketed made of high-strength reinforced tissue – coated on the inside and outside with oil-resistant polyurethane – makes the H-Lite extremely resistant against bursting and tearing.

The high-pressure hose has been developed especially for secure and flexible transportation of compressed air between compressor and drill rig.

High-pressure hoses are flexible, lightweight and safe. The 5-fold safety ensures that with an operating pressure of 30 bar, the bursting pressure is above 150 bar.

Features

- Lightweight, yet rugged and hardwearing hose
- The low weight combined with a high pressure rating makes the hose popular and easy to use
- The hose does not stretch when pulled and has a very high pressure rating versus wall thickness
- Excellent abrasion resistance

Design

- Made from a blend of nitrile rubber and PVC with an added UV barrier to prevent damage from UV radiation
- The rubber blend is extruded through a circular woven jacket made from high tenacity filament polyester yarn



H-Lite hoses

High-pressure hoses, premounted with couplings and without couplings

Max. working pressure below is calculated with safety factor 5. Burst pressure = 5x max. working pressure

	Description	Inner diameter		Max. working pressure		Length of roll		Weight	Working temperature		Part number
		mm	in	bar	psi	m	ft		°C	°F	
New	H-Lite hose- W coupling	50	2	40	580	20	65	17	- 30 to + 100	- 20 to + 210	9030 2078 35
		50	2	40	580	40	130	32	- 30 to + 100	- 20 to + 210	9030 2079 35
		20	¾	20	290	30	98	7	- 30 to + 100	- 20 to + 210	3310 1016 53
		20	¾	20	290	60	196	13	- 30 to + 100	- 20 to + 210	3310 1016 54
		25	1	20	290	30	98	7	- 30 to + 100	- 20 to + 210	3310 1016 55
		25	1	20	290	60	196	13	- 30 to + 100	- 20 to + 210	3310 1016 56
	H-Lite hose- W/O Coupling	20	¾	20	290	30	98	7	- 30 to + 100	- 20 to + 210	3310 1016 57
		20	¾	20	290	60	196	13	- 30 to + 100	- 20 to + 210	3310 1016 58
		25	1	20	290	30	98	7	- 30 to + 100	- 20 to + 210	3310 1016 59
		25	1	20	290	60	196	13	- 30 to + 100	- 20 to + 210	3310 1016 60
	H-Lite hose	50	2	40	580	30	98	24	- 30 to + 100	- 20 to + 210	3310 1016 61

¹⁾ 1 kg = 2.2 lb

Hose

Double jacket design with both inner and outer layer made of oil-resistant polyurethane. Reinforced, high-strength textile yarn.

Hose nipple

Hose nipples with a two-inch connection thread according to SMS 681/ DIN 405 require an appropriate coupling nipple for the BSP thread which has the part number 9000 0032 00 G2A. The hoses can be connected using the coupling nipples 90000032 00 and 9000 0037 00.

Articles for secure operation

The high-pressure hose must be secured at both ends, both at the compressor and the drilling trolley or equivalent. The hose is secured with the aid of the following articles, which are ordered separately:

- Hose stocking 3163 1852 00
- Chain 3163 1853 00
- Shackle 3163 1854 00



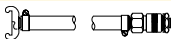
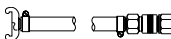
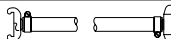
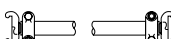
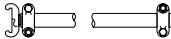
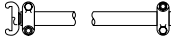
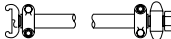
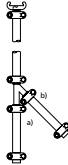
Round Rubber Hoses

Atlas Copco rubber hose is a heavy-duty product that will withstand rough handling. It is suitable for the most demanding tasks in construction, roadwork, mining, shipbuilding etc. Maximum working pressure is 16 Bar with 5 fold-safety. Inner lining in black EPDM rubber, conductive to dissipate static electricity. Reinforcement with high tensile strength made of synthetic textile yarns.

Hose rolls

	Description	Inner diameter		Outer diameter		Max. working pressure		Length roll		Weight	Part number
		mm	in	mm	in	bar	psi	m	ft	kg ¹⁾	
	Rubber hose	10	3/8	17	1 1/16	16	232	30	98	6.9	9030 2037 00
		12.5	1/2	22	5/8	16	232	30	98	12.3	9030 2038 00
		16	5/8	25	1	16	232	30	98	13.9	9030 2039 00
		20	3/4	30	1 3/16	16	232	30	98	19.3	9030 2040 00
		20	3/4	30	1 3/16	16	232	20	65	12.9	9030 2040 03
		25	1	36	1 5/16	16	232	30	98	24.0	9030 2041 00
		25	1	36	1 5/16	16	232	20	65	16.0	9030 2041 03

pre-mounted hoses fitted with couplings and hose clamps

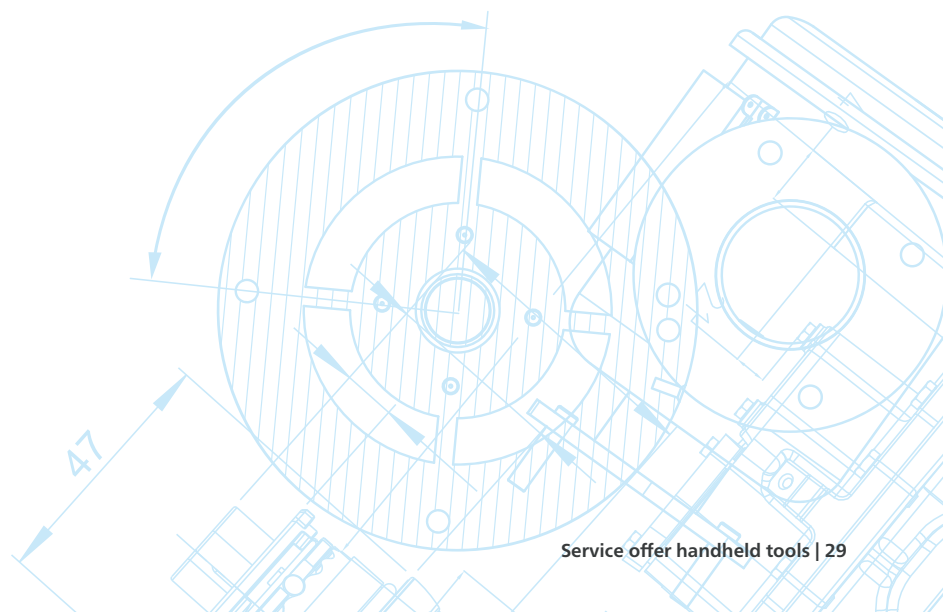
	Description	Inner diameter		Outer diameter		Max. working pressure		Length of roll		Weight	Part number
		mm	in	mm	in	bar	psi	m	ft	kg ¹⁾	
	DKR 36	10	3/8	17	1 1/16	16	232	3	10	0.9	9030 2042 00
	TEX 3, 05	12.5	1/2	22	5/8	16	232	3	10	1.2	9030 2043 00
		12.5	1/2	22	5/8	16	232	3	10	1.5	9030 2090 00
	TEX 09, 10, 11, 12	12.5	1/2	22	5/8	16	232	3	10	1.2	9030 2044 00
	Universale	12.5	1/2	22	5/8	16	232	15	49	5.9	9030 2045 00
		20	3/4	30	1 3/16	16	232	15	49	7.6	9030 2049 00
		25	1	36	1 5/16	16	232	15	49	12	9030 2050 00
	BBD 12 D/DS	12.5	1/2	22	5/8	16	232	3	10	1.5	9030 2066 00
		20	3/4	22	5/8	16	232	3	10	2	9030 2100 00
	With US claw coupling	12.5	1/2	22	5/8	16	232	3	10	1.5	9030 2064 00
	BBD 15ET	15	5/8	25	1	16	232	3	10	1.7	9030 2046 00
	RH 571, 572E, 656W, 658, . BBD 12T, 12TS, 15E	20	3/4	30	1 3/16	16	232	3	10	2.1	9030 2047 00
	With US claw coupling	20	3/4	30	1 3/16	16	232	3	10	2.1	9030 2065 00
	BBC 16W, BBC 34, . BBD 46, 94 DSI	25	1	36	1 5/16	16	232	3	10	2.5	9030 2051 00
	Water /air flushing hose . for BBC, BBD, RH	12.5	1/2	22	5/8	16	232	0.6	2 1/2	0.4	9030 2069 00
	TEX 14PS - TEX 40PE	20	3/4	30	1 3/16	16	232	3	10	2.0	9030 2048 00
	RH 656W for pusher leg	20	3/4	30	1 3/16	13	188	3.6	12	3.5	9030 2067 00
	BBD 94W for pusher leg	25	1	36	1 5/16	13	188	3.6	12	4.4	9030 2068 00

¹⁾ 1 kg = 2.2 lb

Hose selection can be made based on applications



Max. working pressure	25 - 40 bar	20 bar	16 bar
Bursting pressure	> 150 bar	> 100 bar	< 80 bar
Inner Diameter	20 - 50 mm	20- 75 mm	10 - 25 mm
Physical endurance	High	Medium	Medium
UV Protection	Yes	No	No
Life time	High	Moderate	Moderate

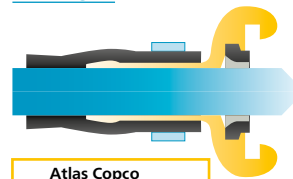


Professional Air Line Accessories

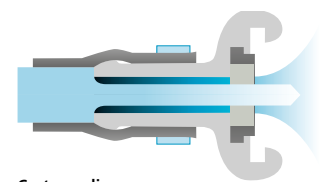
Atlas Copco forged and hardened Claw Couplings for maximum service life and flow.



Air flow



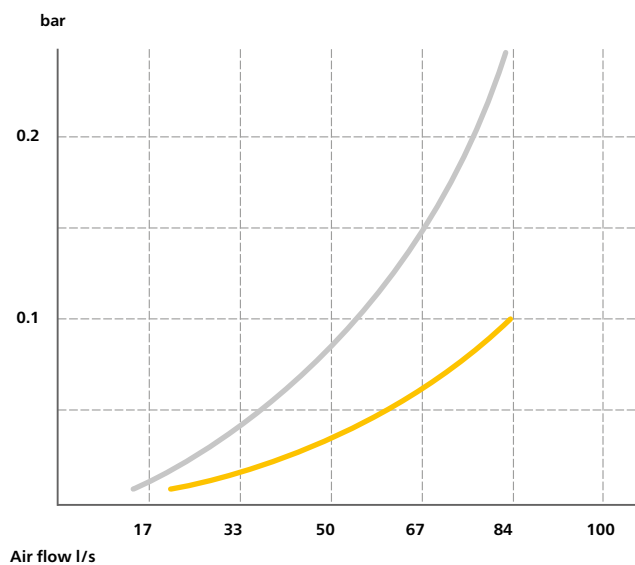
Atlas Copco forged coupling



Cast coupling

A top-quality claw coupling has thin walls, allowing maximum air flow.

Pressure loss



Cast coupling

Atlas Copco forged coupling

As few as six inferior, flow-choking couplings in the system can result in a power loss of 20 % or more.

Productivity

A 20% power loss means that at least 20% less work is done.



Claw couplings for maximum airflow (forged)

	Connection	Hose inner diameter		Bore		Weight	Part number
		mm	in	mm	in	kg ¹⁾	
	Hose nipple	6.3	¼	5.0	⅜	0.11	9000 0308 00
		10.0	⅜	8.0	⅝	0.13	9000 0309 00
		12.5	½	10.5	1⅜	0.14	9000 0310 00
		16.0	⅝	13.5	1⅞	0.14	9000 0311 00
		20.0	¾	17.2	1⅞	0.15	9000 0312 00
		25.0	1	22.0	⅞	0.17	9000 0313 00
	Hose nipple with lock nut	10.0	⅜	8.0	⅝	0.29	9000 0260 00
		12.5	½	10.5	1⅜	0.29	9000 0261 00
		16.0	⅝	13.5	1⅞	0.29	9000 0262 00
		20.0	¾	17.2	1⅞	0.32	9000 0263 00
		25.0	1	22.0	⅞	0.32	9000 0264 00

	Connection	Connection thread	Bore		Weight	Part number
			mm	in	kg ¹⁾	
	External thread	G ⅜ A	11.3	⅞	0.11	9000 0300 00
		G ½ A	14.8	⅞	0.12	9000 0301 00
		G ¾ A	19.0	¾	0.13	9000 0302 00
		G1A	25.5	1	0.13	9000 0303 00
	Internal thread Internal thread	G ⅜	15.0	1⅜	0.12	9000 0304 00
		G ½	18.6	¾	0.13	9000 0305 00
		G ¾	24.2	1	0.14	9000 0306 00
	Internal thread, with strainer	G ¾	24.2	1	0.14	9000 0306 01
	Internal thread	G1	30.3	1 ⅜	0.15	9000 0307 00
	Cover	-	-	-	0.18	9000 0314 00
	Forged claw coupling	G½A (M-AUS)	14.8	⅞	0.12	9001000301
		G1A (M-AUS)	25.5	1	0.13	9001000303
		G½ (F-AUS)	18.6	¾	0.13	9001000305
		G1 (F-AUS)	30.3	1 ⅜	0.15	9001000307
	Forged claw coupling 10.0 mm	(HN-AUS)	-	-	-	9001000310
	Forged claw coupling 25.0 mm	(HN-AUS)	-	-	-	9001000313

¹⁾ 1 kg = 2.2 lb

Packings and lock springs for claw couplings (forged)

	Description	Fit to coupling	Comment	Part number
		Part number 9000 ...		
	Packing	0300 00 to 0314 00	Can be replaced by special packing 9000 0000 01 ¹⁾	9000 0000 00
		0260 00 to 0262 00	-	9000 0015 00
		0263 00 and 0264 00	Can be replaced by special packing 900 00319 00 ¹⁾	9000 0268 00
	Lock spring	Fits to all 9000 0300 00 to 9000 0314 00 couplings	-	3176 8640 00
-	Strainer	Fits to 9000 0306 01	-	9000 0000 10

¹⁾ Special packings can be used in max. +2 00°C (390°F) steam and – 40°C to + 250°C (– 40°F to + 482°F) air.
Excellent for neutral and alkaline liquids (ph above 5)

Claw couplings, US type (casted)

	Connection	Hose inner diameter		Bore		Weight	Part number
		mm	in	mm	in	kg ¹⁾	
	Hose nipple	10.0	3/8	6	5/64	0.16	9001 0005 11
		12.5	1/2	9	23/64	0.18	9001 0005 10
		20.0	3/4	14	9/16	0.24	9001 0005 12
		25.0	1	20	3/4	0.29	9001 0005 13

	Connection	Connection thread	Bore		Weight	Part number
			mm	in	kg ¹⁾	
	External thread	3/8" NPT	9	23/64	0.18	9001 0005 00
		1/2" NPT	12	15/32	0.19	9001 0005 01
		3/4" NPT	17	43/64	0.22	9001 0005 02
		1" NPT	20	3/4	0.26	9001 0005 03
	Internal thread	3/8" NPT	15	19/32	0.18	9001 0005 08
		1/2" NPT	18	23/32	0.18	9001 0005 05
		3/4" NPT	20	3/4	0.20	9001 0005 06
		1" NPT	20	3/4	0.22	9001 0005 07
	Cover	-	-	-	0.22	9001 0005 22

¹⁾ 1 kg = 2.2 lb

Packings and lock springs for US type claw couplings

	Description	Fit to coupling	Part number
		Part number 9001 0005 ..	
	Packing	00 to 22	9001 0005 15
	Lock pin	00 to 22	9001 0005 23

Hose Clamps for US type forged Claw Couplings 9001 0005 11 to 9001 0005 22

NEW	Description	Hose dimension, external diameter		Round rubber, hose dimension, internal diameter		Flat hose dimension, internal diameter		Part number
		mm	in	mm	in	mm	in	
	Two piece hose clamp	22 – 29	$\frac{7}{8} - 1 \frac{1}{8}$	12.5	$\frac{1}{2}$	20	$\frac{3}{4}$	9000 0050 00
		29 – 32	$1 \frac{1}{8} - 1 \frac{3}{8}$	20	$\frac{3}{4}$	25	1	9000 0051 00

Dust Collector

	Description	Comment	Part number
	Tool holder CPL	for Breaker	3310 1011 08
	Suction hood	for Rock drill	3310 1007 98
	Trolley	-	8311 03251 4
	Plastic bag kit (50 Pcs)	-	3310 1013 53
	Bellow kit (10 Pcs)	-	3310 1013 52
	Filter Kit (4 Pcs)	-	3310 1013 85
	DCP 10 Two Tool Kit	-	8311 0325 18

Hose Clamps for Atlas Copco forged claw couplings 9000 0300 00 to 9000 0314 00

	Description	Hose dimension, external diameter		Round rubber, hose dimension, internal diameter		Flat hose dimension, internal diameter		Part number
		mm	in	mm	in	mm	in	
	Two-piece hose clamp	22 – 29	$\frac{7}{8} - 1$	12.5	$\frac{1}{2}$	20	$\frac{3}{4}$	9000 0194 00
		25 – 28	$1 - 1 \frac{1}{8}$	16	$\frac{5}{8}$	-	-	9000 0195 00
		29 – 32	$1 \frac{1}{8} - 1 \frac{1}{4}$	20	$\frac{3}{4}$	25	1	9000 0196 00
		34 – 38	$1 \frac{3}{8} - 1 \frac{1}{2}$	25	1	-	-	9000 0197 00
		43 – 47	$1 \frac{3}{4} - 1 \frac{7}{8}$	31.5	$1 \frac{1}{4}$	40	$1 \frac{1}{2}$	9000 0381 00
		54 – 58	$2 \frac{1}{8} - 2 \frac{1}{4}$	40	$1 \frac{1}{2}$	50	2	9000 0198 01
		66 – 70	$2 \frac{5}{8} - 2 \frac{3}{4}$	50	2	-	-	9000 0199 00
		78 – 82	$3 \frac{1}{8} - 3 \frac{1}{4}$	63	$2 \frac{1}{2}$	76	2	9000 0189 00

Double hose clamps are required for hose dimensions over 25 mm (1 in) internal diameter.

Hose nipples

	Description	Bore		Hose dimension, internal diameter		Part number
		mm	in	mm	in	
	Hose jointing nipple	9	$\frac{23}{64}$	10	$\frac{3}{8}$	9000 0215 00
		12	$\frac{15}{32}$	12.5	$\frac{1}{2}$	9000 0216 00
		14	$\frac{9}{16}$	16	$\frac{5}{8}$	9000 0217 00
		17	$\frac{43}{64}$	20	$\frac{3}{4}$	9000 0218 00
		22	$\frac{29}{32}$	25	1	9000 0219 01
		35	$1 \frac{3}{8}$	40	$1 \frac{1}{2}$	9000 0220 00
		44.5	$1 \frac{3}{4}$	50	2	9000 0221 00
	Hose nipple for cup nut	10.5	$\frac{13}{32}$	12.5	$\frac{1}{2}$	9000 0322 00
		8	$\frac{5}{16}$	12.5	$\frac{1}{2}$	9000 0323 01
		13.5	$\frac{17}{32}$	16	$\frac{5}{8}$	9000 0324 00
		17.2	$\frac{11}{16}$	20	$\frac{3}{4}$	9000 0325 00
		22	$\frac{7}{8}$	25	1	9000 0326 00
	Hose nipple with particulary coarse thread	10.5	$\frac{13}{32}$	12.5	$\frac{1}{2}$	9000 0370 00
		17.2	$\frac{11}{16}$	20	$\frac{3}{4}$	9000 0371 00
		20	$\frac{3}{4}$	25	1	9000 0372 00
		35	$1 \frac{3}{8}$	40	$1 \frac{1}{2}$	9000 0373 00
		45	$1 \frac{3}{4}$	50	2	9000 0374 00
		64	$2 \frac{1}{2}$	76	3	9001 0025 80

Connecting nipples

	Description	Thread		Part number
		A	B	
Hose couplings with screw connection 	External	G ¾ A	G ¾ A	9000 0343 00
	External	G 7/8 A	G 1 A	9000 0345 00
Hose couplings with particularly coarse thread 	External	Rd 38 - 8	G ½ A	9000 0028 00
	External	Rd 38 - 8	G ¾ A	9000 0029 00
	External	Rd 38 - 8	G 1 A	9000 0030 00
	External	Rd 65 - 6	G 1 ½ A	9000 0031 00
	External	Rd 65 - 6	G 2 A	9000 0032 00
	Internal	Rd 38 - 8	G ¾	9000 0034 00
	Internal	Rd 38 - 8	G 1	9000 0035 00
	Internal	Rd 65 - 6	G 1 ½	9000 0036 00
	Internal	Rd 65 - 6	G 2	9000 0037 00

Cup nuts

	Description	Thread	Part number
		mm	
Hose couplings with screw connection 	Wing nut	G ¾	9000 0337 00
	Wing nut	G 7/8	9000 0338 00
	Wing nut	G 1 ⅛	9000 0339 00
	Internal	G 5/8	9000 0331 00
	Internal	G ¾	9000 0332 00
	Internal	G 7/8	9000 0333 00

	Description	Thread	Part number
		mm	
Hose couplings with particularly coarse thread 			
	Wing nut	Rd 38 - 8	9000 0154 00
	Wing nut	Rd 65 - 6	9000 0159 00

Overview: hose couplings for rubber hoses

Hose diameter inner		Hose jointing nipple	Hose clamp	Hose clamp	Hose nipple	Cup nut wing	Cup nut hexagon	Connecting nipples External thread
mm	in							
								
10	3/8	9000 0215 00	0347 6105 00	-	-	-	G 5/8 9000 0331 00	-
12.5	1/2	9000 0216 00	-	9000 0194 00	9000 0322 00	-	G 5/8 9000 0331 00	-
12.5	1/2	-	-	-	9000 0323 01	9000 0337 00	G 3/4 9000 0332 00	-
16	5/8	9000 0217 00	-	9000 0195 00	9000 0324 00	9000 0337 00	G 3/4 9000 0332 00	G 3/4 A - G 3/4 A 9000 0343 00
20	3/4	9000 0218 00	-	9000 0196 00	9000 0325 00	9000 0338 00	G 7/8 9000 0333 00	G 7/8 A - G 1 A 9000 0345 00
25	1	9000 0219 01	-	9000 0197 00	9000 0326 00	9000 0339 00	-	-

Overview: hose couplings with particulary coarse thread for rubber hoses

Hose diameter inner		Hose clamp	Hose nipple	Packing ¹⁾	Cup nut wing	Connecting nipples External thread	Connecting nipples Internal thread
mm	in						
							
12.5	1/2	9000 0194 00	9000 0370 00	9000 0025 00 ²⁾	9000 0154 00	G 1/2 A 9000 0028 00	-
20	3/4	9000 0196 00	9000 0371 00	9000 0025 00 ²⁾	9000 0154 00	G 3/4 A 9000 0029 00	G 3/4 9000 0034 00
25	1	9000 0197 00	9000 0372 00	9000 0025 00 ²⁾	9000 0154 00	G 1 A 9000 0030 00	-

¹⁾ Packing is included with the hose nipple. ²⁾ Alternatively 9000 0399 00, packing for steam max + 200°C (+ 392°F).
Air – 40°C to + 250°C (– 40°F to + 482°F).

Overview: hose couplings for flat hoses

Hose diameter inner		Hose jointing nipple	Hose clamp	Claw coupling	Packing
mm	in				
					
20	3/4	9000 0218 00 ¹⁾	9000 0194 00	9000 0312 00	9000 0000 00 ³⁾
25	1	9000 0219 01 ¹⁾	9000 0196 00	9000 0313 00	9000 0000 00 ³⁾

Overview: hose couplings with particulary coarse thread for rubber hoses

Hose diameter inner		Hose jointing nipple	Hose clamp	Hose nipple	Packing	Cup nut wing	Connecting nipples External thread	Connecting nipples Internal thread
mm	in							
								
40	1½	9000 0220 00 ²⁾	9000 0381 00	9000 0373 00	9000 0026 00 ³⁾	9000 0159 00	G ½ A 9000 0031 00	G ½ 9000 0036 00
50	2	9000 0221 00 ²⁾	9000 0198 01	9000 0374 00	9000 0026 00 ³⁾	9000 0159 00	G 2 A 9000 0032 00	G 2 9000 0037 00
76	3	-	9000 0189 00	9001 0025 80	-	-	-	-

¹⁾ 2 hose clamps per nipple needed ²⁾ 4 hose clamps per nipple needed ³⁾ All claw couplings and hose nipples supplied complete with packings



Branch pipes

	Connection		Max. working pressure		Bore		Part number
	mm	in	bar	psi	mm	in	
for hose connection							
	20 x 20 x 12.5	¾ x ¾ x ½	13	188	17 x 17 x 12	1⅛ x 1⅛ x ½	9000 0440 00
	25 x 25 x 12.5	1 x 1 x ½	13	188	23 x 23 x 12	29/32 x 29/32 x ½	9000 0441 00

VAM Water Separators

- For trouble-free ownership
- For long lifetime
- For protected investment

Water condensate is always present in compressed air systems. Up to a bucket of water per shift can be produced by condensation. This water must be removed to minimize corrosion and freezing problems.

Vam water separators operate on the centrifugal principle with automatic emptying of the condensate.

So you can focus on what you can do best: your job.



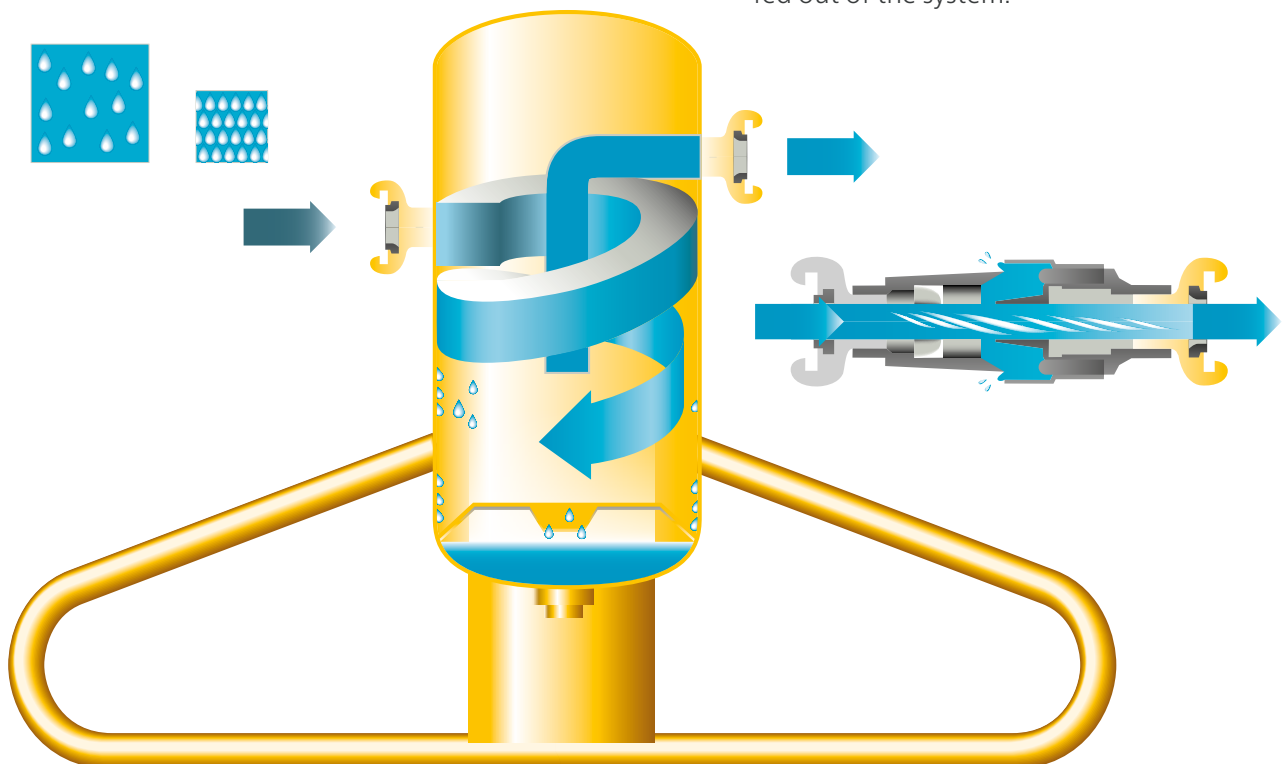
Water separators, fitted with claw couplings

	Description	Hose connection		Air flow		Weight	Part number claw couplings	
		mm	in	l/s	cfm		European type	US type
	VAM 01	20	3/4	50	106	0.8	8092 0110 58	8092 0110 59
	VAM 5A	25	1	120	254	10	8092 0110 82	8092 0110 83

¹⁾ 1 kg = 2.2 lb Max. working pressure 8 bar (115 psi)

When air is compressed less space is available for dissolved water. In the end, it condenses and becomes visible droplets.

If the system only has one air user, a smaller water separator is sufficient. A fixed "turbine wheel" starts a lengthwise swirl that forces water against walls, where it is collected and fed out of the system.



BLG/CLG lubricators

- For secure oil supply
- For reliable functionality in all working positions
- For trouble-free ownership
- For longer lifetime
- for protected investment

Any pneumatic machine without built-in lubrication needs a separate lubricator to ensure that all moving parts are continuously covered with a film of oil.

Atlas Copco lubricators are designed to work in any position, horizontal, vertical or upside-down. This secures a continuous oil supply to protect the machine.

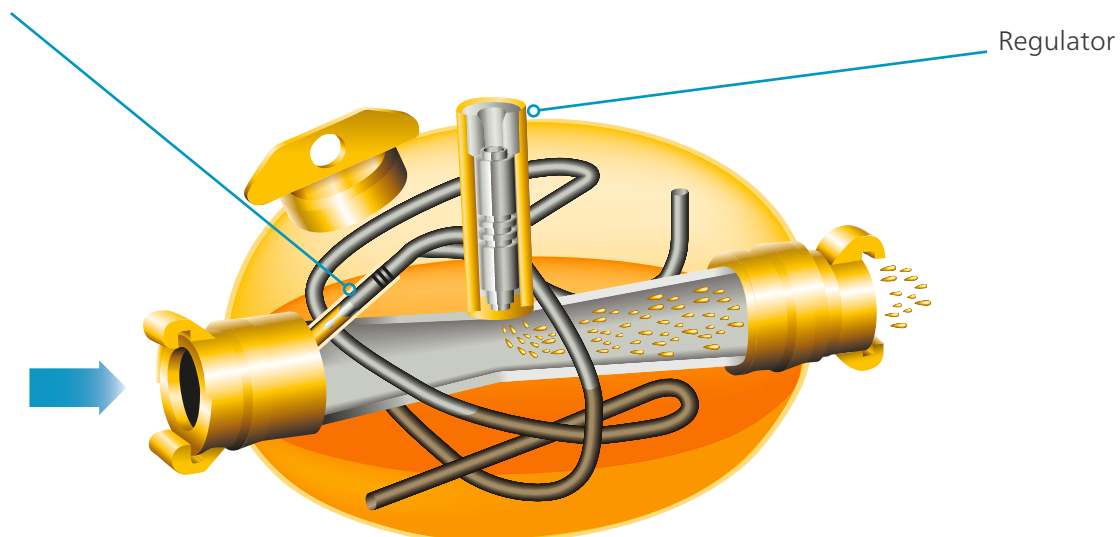
BLG and CLG lubricators use the ejector principle and ensure effective lubrication of all compressed-air machines.

Lubricators, fitted with claw couplings

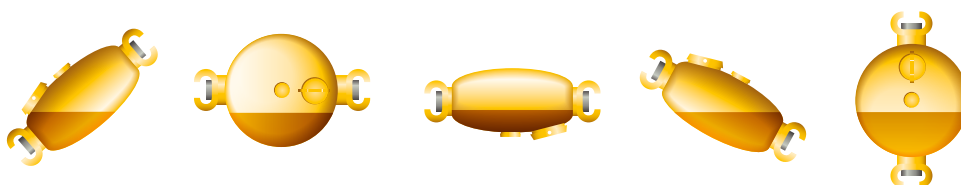
	Description	Hose connection		Air flow		Oil volume		Weight	Part number claw couplings	
		mm	in	l/s	cfm	l	gal		European type	US type
	CLG 30, for both mineral and synthetic oil	25	1	15 – 140	32 – 300	1.3	0.3	3	8202 5102 39	8202 5102 40
	BLG 30, for mineral oil	25	1	15 – 140	32 – 300	1.3	0.3	3	8202 5102 05	8202 5102 14

¹⁾ 1 kg = 2.2 lb Max. working pressure 20 bar (290 psi)

A check valve stops oil from reaching the air path when the system is unpressurized



Atlas Copco's lubricators use the ejector principle to create controlled lubrication. The pick-up is intricately bent to the assure oil supply regardless of the lubricator's position.



Pneumatic Breakers & Drillers Fluids

Air-Oil lubricants now biodegradable



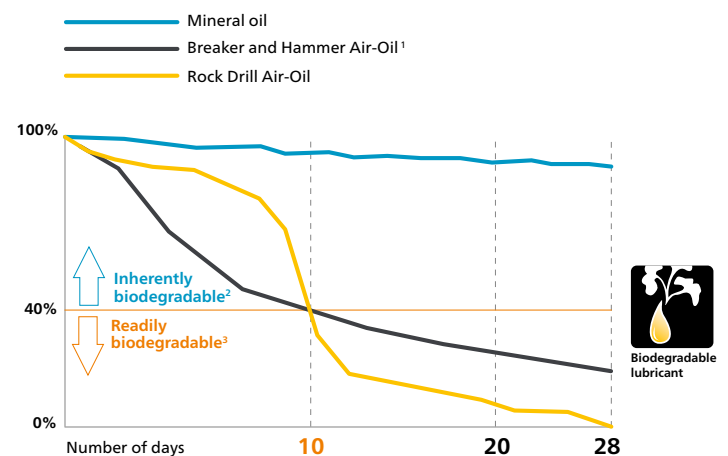
The range of Air Oil lubricants have been developed for extremely demanding applications. High performance and bio-degradability are the key features of these products. The range consists of two types of lubricants, **Breaker and Hammer Air-Oil** and **Rock Drill Air-Oil**.

Breaker and Hammer Air-Oil is developed for Atlas Copco TEX pneumatic breakers and hammers. It prevents against freezing and corrosion.

Rock Drill Air-Oil is developed for Atlas Copco BBC, BBD and RH pneumatic rock drills. It is a heavy duty lubricant ensuring maximum life length and productivity of the rock drill.

Protect the enviroment, use Air-Oil Lubricants!

Biodegradability according to OECD 301



1) Inherently biodegradable in conformity with OECD 301B

2) Inherently biodegradable: Products with biodegradability between 20 – 60 % within 28 days

3) Readily biodegradable: Products with biodegradability over 60 % within 10 days

Rock Drill Air-Oil

All pneumatic tools require some oil in the airline to lubricate the inner moving parts and reduce the wear between them (cooling them and reducing the friction). Rotation units (in rock drills) without oil fail after short time.

Rock Drill Air-Oil machine reliability and service life by superior protection against machine wear and corrosion. Specially developed for Atlas Copco BBC, BBD and RH pneumatic Rock Drills.

Rock Drill Air-Oil

Product range

Features

Benefits

High film strength that withstands heavy loads and safely protects components

Improved machine reliability and service life. Safely protects components such as piston, cylinder, chuck drive, rifle-bar and ratchet wheel against wear and corrosion

Works throughout the temperature range -25 to +108°C/-13 to +226°F

Superior temperature range compared to other mineral oils. Adhesion and larger drop formation contribute to the very good lubricating properties

Readily biodegradable according to OECD301B. Based on > 90% renewable raw materials

Environmentally adapted. This means that the biodegradability is over 60% within 10 days.

Description

Remarks

Part number

Rock Drill Air-Oil

1 l bottle (34 US fl oz)

8099 0201 01

12 x 1 l bottles (34 US fl oz)

8099 0201 81

4 l bottle (1.06 US gal)

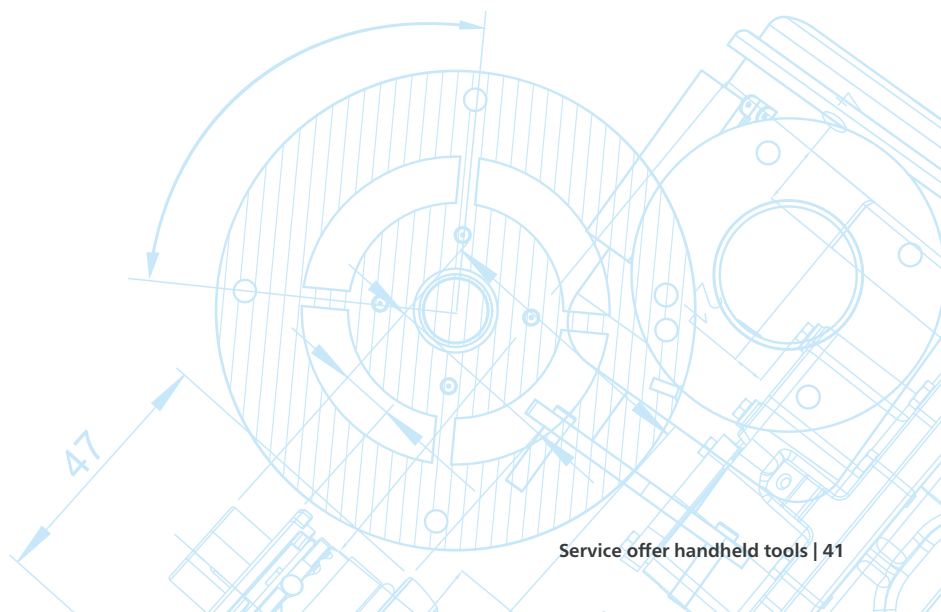
8099 0201 04

4 x 4 l cans (1.06 US gal)

8099 0201 84



- 0.4ml of oil per 1m³/min of air consumption of the rock drill
- Typically about 15 L tools per year for surface rock drills like RH and 50 to 70 L for underground rock drills like BBC and BBD



Breaker and Hammer Oil

All pneumatic tools require some oil in the airline to lubricate the inner moving parts and reduce the wear between them (cooling them and reducing the friction). Percussion units (breakers, hammers) without oil have a strong wear on piston and cylinder. In the past, decades ago, the compressors leaked so much oil that was enough for lubricate hammers and breakers. But that does not happen anymore.

Breaker & Hammer Air-Oil is a fully synthetic lubricant with excellent lubricating, rust preventing and de-icing properties, especially developed for TEX pneumatic breakers and hammers, and DIP & DOP pumps for a smooth continuous operation under extreme conditions.

Breaker & Hammer Air-Oil		Product range			
		Features		Benefits	
 • 0.25ml of oil per 1m³/min of air consumption of the machine • Typically about 10 L tools per year for breakers and 5 l for pick hammers/RTEX		Anti-ice properties thanks to glycol additive with outstanding operating temperature range from -30 to +50 °C/-22 to 122 °F		Absorbs water condensate and prevents freezing. Specially suitable for silenced breakers and hammer where ice can build up in the silencer. Excellent to use in high humidity or low temperature climates	
		Anti corrosion protection		Absorbs condensed water, eliminating the need of a water separator: increases efficiency in the airline reducing pressure loses. Excellent lubricating properties for non rotating air tools such as breaker and hammers.	
		Readily biodegradable according to OECD301B		Environmentally adapted. This means that the biodegradability is over 60% within 10 days .	
		Syntetic biodegradable lubricant for hand held pneumatic breakers and hammers. Absorbs water and prevents icing.			
Description		Oil volume		Weight	Part number
		l	gal	kg ¹⁾	
0.25 l bottle		0.2	0.05	0.3	8099 0202 40
1 l bottle		1	0.22	1.1	8099 0202 36
20 x 1 l bottles (pack)		20	4.4	22	8099 0202 81
5 l container		5	1.1	5.8	8099 0202 02
4 x 5 l containers (pack)		20	4.4	24	8099 0202 85

¹⁾ 1 kg = 2.2 lb