

CATÁLOGO

BORTECH 

FERRAMENTAS PARA PERFURAÇÃO DE ROCHAS

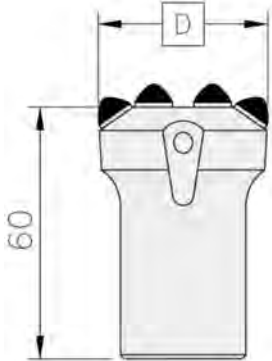
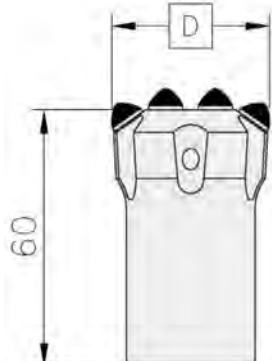
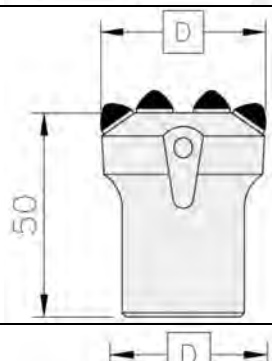
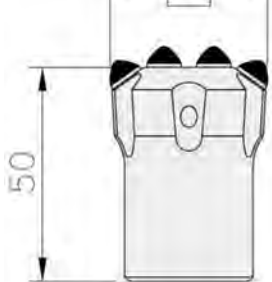




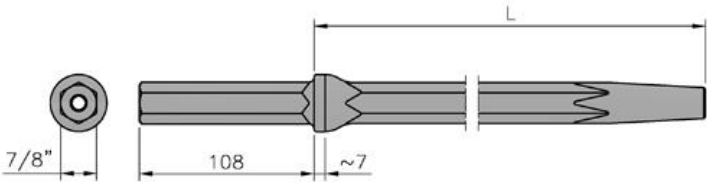
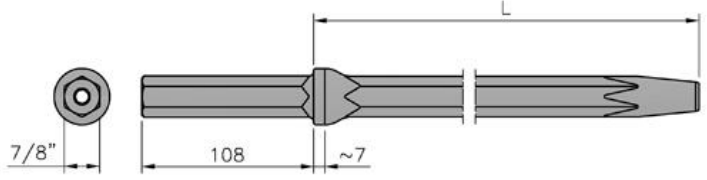
COROAS E HASTES CÔNICAS



COROAS CÔNICAS

Desenho	Código	Cone	Diâm(D) (mm)	Furos de limpeza		Botões		Peso (kg)
				Frontal (Qtde)	Lateral (Qtde)	Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)	
	1606-3207-B42	6°	32	1	1	2 x 7	4 x 7	0,22
	1606-3407-B42	6°	34	1	1	2 x 7	4 x 7	0,23
	1606-3608-B42	6°	36	1	1	2 x 8	4 x 8	0,25
	1606-3808-B42	6°	38	1	1	2 x 8	4 x 8	0,26
	1606-4009-B42	6°	40	1	1	2 x 9	4 x 9	0,28
	1606-3207-B52	6°	32	1	1	2 x 7	5 x 7	0,22
	1606-3407-B52	6°	34	1	1	2 x 7	5 x 7	0,23
	1606-3608-B52	6°	36	1	1	2 x 8	5 x 8	0,25
	1606-3808-B52	6°	38	1	1	2 x 8	5 x 8	0,26
	1606-4009-B52	6°	40	1	1	2 x 9	5 x 9	0,28
	1611-3207-B42	11°	32	1	1	2 x 7	4 x 7	0,20
	1611-3807-B42	11°	34	1	1	2 x 7	4 x 7	0,21
	1611-3608-B42	11°	36	1	1	2 x 8	4 x 8	0,22
	1611-3808-B42	11°	38	1	1	2 x 8	4 x 8	0,23
	1611-4009-B42	11°	40	1	1	2 x 9	4 x 9	0,25
	1611-3207-B52	11°	32	1	1	2 x 7	5 x 7	0,20
	1611-3407-B52	11°	34	1	1	2 x 7	5 x 7	0,21
	1611-3608-B52	11°	36	1	1	2 x 8	5 x 8	0,22
	1611-3808-B52	11°	38	1	1	2 x 8	5 x 8	0,23
	1611-4009-B52	11°	40	1	1	2 x 9	5 x 9	0,25

HASTES CÔNICAS

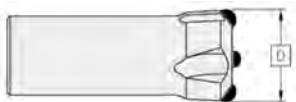

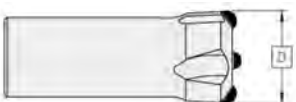
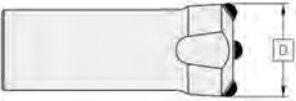
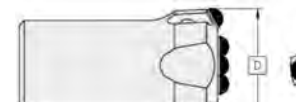



Desenho	Código	Comprimento (L)		Peso (kg)
		(mm)	(pés)	
	2106-0108-H22	800	2'7.1/2"	2,9
	2106-0116-H22	1.600	5'3"	5,3
	2106-0124-H22	2.400	7'10"	7,9
	2106-0132-H22	3.200	10'6"	10,3
	2106-0140-H22	4.000	13'1.3/8"	12,8
	2106-0148-H22	4.800	15'8.7/8"	15,1
	2106-0156-H22	5.600	18'4.5/16"	17,5
	2106-0164-H22	6.400	21'	20,0
	2106-0172-H22	7.200	23'7.1/4"	22,4
	2106-0180-H22	8.000	26'2.3/4"	24,9
	2106-0188-H22	8.800	28'10.1/4"	27,4
	2106-0196-H22	9.600	31'5.3/4"	29,8
	2106-0104-H22	10.400	33'12.10/12"	32,4
	2106-0112-H22	11.200	36'8.3/4"	34,8
	2111-0108-H22	800	2'7.1/2"	2,9
	2111-0116-H22	1.600	5'3"	5,3
	2111-0124-H22	2.400	7'10"	7,9
	2111-0132-H22	3.200	10'6"	10,3
	2111-0140-H22	4.000	13'1.3/8"	12,8
	2111-0148-H22	4.800	15'8.7/8"	15,1
	2111-0156-H22	5.600	18'4.5/16"	17,5
	2111-0164-H22	6.400	21'	20,0
	2111-0172-H22	7.200	23'7.1/4"	22,4
	2111-0180-H22	8.000	26'2.3/4"	24,9
	2111-0188-H22	8.800	28'10.1/4"	27,4
	2111-0196-H22	9.600	31'5.3/4"	29,8
	2111-0104-H22	10.400	33'12.10/12"	32,4
	2111-0112-H22	11.200	36'8.3/4"	34,8



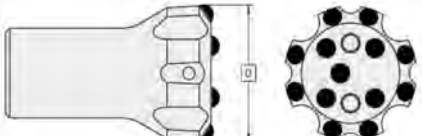
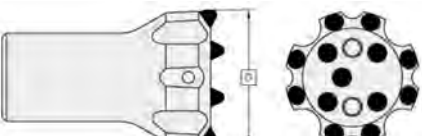
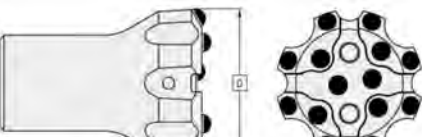
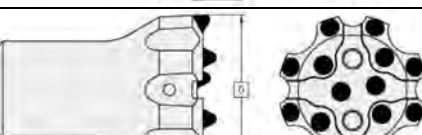
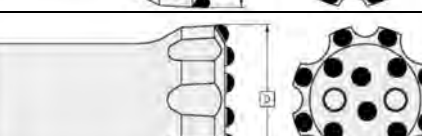
COROAS STANDARD,
GUIA, RETRAC, ALARGADORAS
E DHT



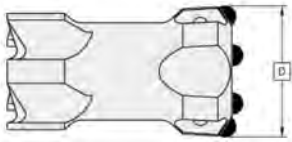
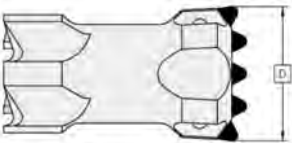
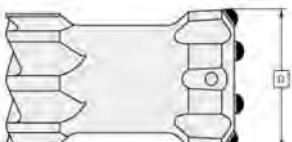
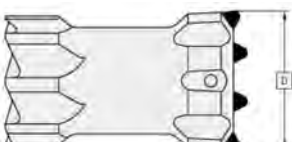
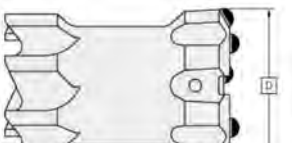
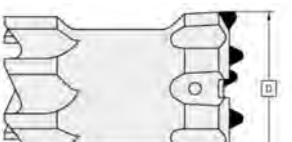
COROAS STANDARD

Desenho	Código	Rosca	Diâmetro (D)		Furos de limpeza		Botões		Peso (kg)
			(mm)	(pol.)	Frontal (Qtde)	Lateral (Qtde)	Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)	
	1025-4109-E42	R25 (1")	41	1.5/8"	1	2	2 x 9	4 x 9	0,63
	1032-4109-E42	R32 (1.1/4")	41	1.5/8"	1	2	2 x 9	4 x 9	0,65
	1025-3308-E52	R25 (1")	33	1.3/10"	1	1	2 x 8	5 x 8	0,40
	1025-3508-E52	R25 (1")	35	1.3/8"	1	1	2 x 8	5 x 8	0,50
	1028-4510-E52	R28 (1.1/8")	45	1.3/4"	1	1	2 x 10	5 x 10	0,80
	1032-4510-E52	R32 (1.1/4")	45	1.3/4"	1	1	2 x 10	5 x 10	0,90
	1035-4510-E52	R35 (1.3/8")	45	1.3/4"	1	1	2 x 10	5 x 10	0,90
	1032-5112-E52	R32 (1.1/4")	51	2"	1	1	2 x 10	5 x 12	1,00
	1035-5112-E52	R32 (1.1/4")	51	2"	1	1	2 x 10	5 x 12	1,00
	1025-3808-E62	R25 (1")	38	1.1/2"	1	2	2 x 8	6 x 8	0,60
	1028-3808-E62	R28 (1.1/8")	38	1.1/2"	1	2	2 x 8	6 x 8	0,60
	1025-4108-E62	R25 (1")	41	1.5/8"	1	2	2 x 8	6 x 8	0,70
	1025-4510-E62	R25 (1")	45	1.3/4"	1	2	2 x 10	6 x 10	0,80
	1028-4510-E62	R28 (1.1/8")	45	1.3/4"	1	2	2 x 10	6 x 10	0,80
	1032-4510-E62	R32 (1.1/4")	45	1.3/4"	1	2	2 x 10	6 x 10	0,90
	1032-5111-E62	R32 (1.1/4")	51	2"	2	2	2 x 11	6 x 11	1,00
1035-5111-E62	R35 (1.3/8")	51	2"	2	2	2 x 11	6 x 11	1,00	
	1038-6412-E63	TZ38 (1.1/2")	64	2.1/2"	1	3	3 x 12	6 x 12	1,50
	1038-6412-B63	TZ38 (1.1/2")	64	2.1/2"	1	3	3 x 12	6 x 12	1,50
	1038-7613-E64	TZ38 (1.1/2")	76	3"	1	3	4 x 13	6 x 13	2,50
	1045-7613-E64	TZ45 (1.3/4")	76	3"	1	3	4 x 13	6 x 13	2,60
	1038-7613-B64	TZ38 (1.1/2")	76	3"	1	3	4 x 13	6 x 13	2,50
	1045-7613-B64	TZ45 (1.3/4")	76	3"	1	3	4 x 13	6 x 13	2,50

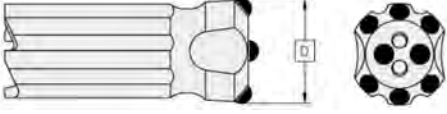
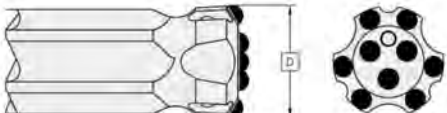
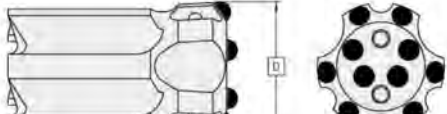

COROAS STANDARD

Desenho	Código	Rosca	Diâmetro (D)		Furos de limpeza		Botões		Peso (kg)
			(mm)	(pol.)	Frontal (Qtde)	Lateral (Qtde)	Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)	
	1038-8913-E85	TZ38 (1.1/2")	89	3.1/2"	2	2	5 x 13	8 x 13	3,20
	1045-8913-E85	TZ45 (1.3/4")	89	3.1/2"	2	2	5 x 13	8 x 13	3,40
	1051-8913-E85	TZ51 (2")	89	3.1/2"	2	2	5 x 13	8 x 13	3,80
	1038-8913-B85	TZ38 (1.1/2")	89	3.1/2"	2	2	5 x 13	8 x 13	3,20
	1045-8913-B85	TZ45 (1.3/4")	89	3.1/2"	2	2	5 x 13	8 x 13	3,40
	1051-8913-B85	TZ51 (2")	89	3.1/2"	2	2	5 x 13	8 x 13	3,80
	1038-0213-E86	TZ38 (1.1/2")	102	4"	2	4	6 x 13	8 x 13	4,00
	1045-0213-E86	TZ45 (1.3/4")	102	4"	2	4	6 x 13	8 x 13	5,10
	1051-0213-E86	TZ51 (2")	102	4"	2	4	6 x 13	8 x 13	5,70
	1068-0213-E86	ST68	102	4"	2	4	6 x 13	8 x 13	7,50
	1038-0213-B86	TZ38 (1.1/2")	102	4"	2	4	6 x 13	8 x 13	4,00
	1045-0213-B86	TZ45 (1.3/4")	102	4"	2	4	6 x 13	8 x 13	5,10
	1051-0213-B86	TZ51 (2")	102	4"	2	4	6 x 13	8 x 13	5,70
	1068-0213-B86	ST68	102	4"	2	4	6 x 13	8 x 13	7,50
	1060-9214-E86	GT60	92	3.5/8"	2	-	6 x 12	8 x 14	-
	1060-0214-E96	GT60	102	4"	3	-	6 x 12	9 x 14	-
	1060-1514-E96	GT60	115	4.1/2"	3	-	6 x 13	9 x 14	-
	1060-2716-E96	GT60	127	5"	3	-	6 x 14	9 x 16	-
	1060-4016-E96	GT60	140	5.1/2"	3	-	6 x 16	9 x 16	-

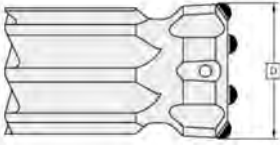
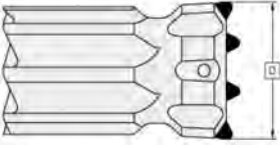
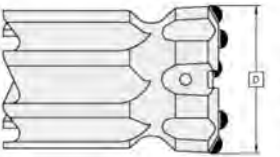
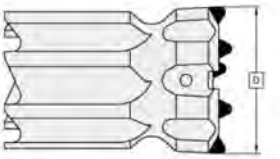
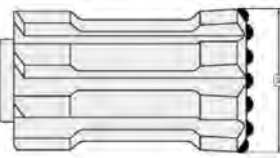
COROAS GUIA

Desenho	Código	Rosca	Diâmetro (D)		Furos de limpeza		Botões		Peso (kg)
			(mm)	(Pol.)	Frontal (Qtde)	Lateral (Qtde)	Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)	
	1138-7613-E64	TZ38 (1.1/2")	76	3"	1	3	4 x 13	6 x 13	2,40
	1145-7613-E64	TZ45 (1.3/4")	76	3"	1	3	4 x 13	6 x 13	2,60
	1138-7613-B64	TZ38 (1.1/2")	76	3"	1	3	4 x 13	6 x 13	2,40
	1145-7613-B64	TZ45 (1.3/4")	76	3"	1	3	4 x 13	6 x 13	2,60
	1138-8913-E85	TZ38 (1.1/2")	89	3.1/2"	2	2	5 x 13	8 x 13	3,90
	1145-8913-E85	TZ45 (1.3/4")	89	3.1/2"	2	2	5 x 13	8 x 13	4,00
	1151-8913-E85	TZ51 (2")	89	3.1/2"	2	2	5 x 13	8 x 13	4,40
	1138-8913-B85	TZ38 (1.1/2")	89	3.1/2"	2	2	5 x 13	8 x 13	3,90
	1145-8913-B85	TZ45 (1.3/4")	89	3.1/2"	2	2	5 x 13	8 x 13	4,00
	1151-8913-B85	TZ51 (2")	89	3.1/2"	2	2	5 x 13	8 x 13	4,40
	1138-0213-E86	TZ38 (1.1/2")	102	4"	2	4	6 x 13	8 x 13	5,00
	1145-0213-E86	TZ45 (1.3/4")	102	4"	2	4	6 x 13	8 x 13	5,10
	1151-0213-E86	TZ51 (2")	102	4"	2	4	6 x 13	8 x 13	5,30
	1138-0213-B86	TZ38 (1.1/2")	102	4"	2	4	6 x 13	8 x 13	5,00
	1145-0213-B86	TZ45 (1.3/4")	102	4"	2	4	6 x 13	8 x 13	5,10
	1151-0213-B86	TZ51 (2")	102	4"	2	4	6 x 13	8 x 13	5,30

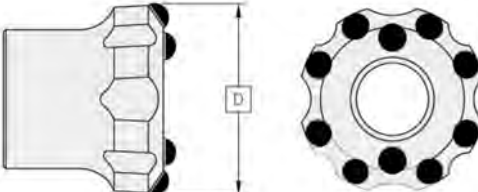
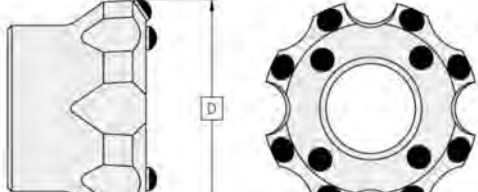
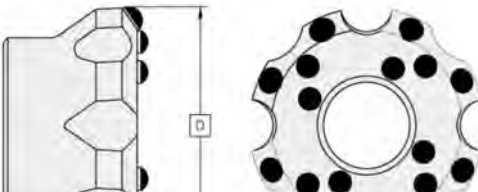
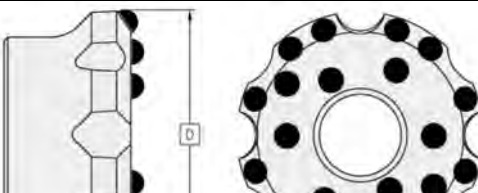
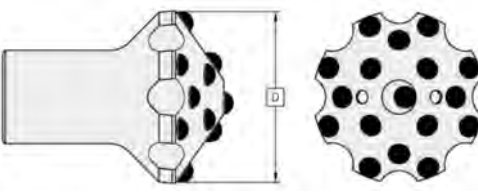
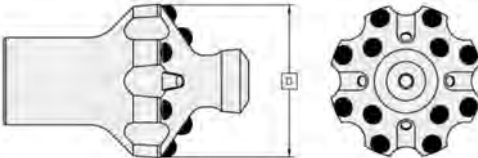
COROAS RETRAC

Desenho	Código	Rosca	Diâmetro (D)		Furos de limpeza		Botões		Peso (kg)
			(mm)	(Pol.)	Frontal (Qtde)	Lateral (Qtde)	Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)	
	1232-5111-E62	R32 (1.1/4")	51	2"	2	2	2 x 11	6 x 11	1,20
	1238-6412-E63	TZ38 (1.1/2")	64	2.1/2"	1	3	3 x 12	6 x 12	1,90
	1238-7013-E63	TZ38 (1.1/2")	70	2.3/4"	1	3	3 x 13	6 x 13	2,20
	1245-7013-E63	TZ38 (1.3/4")	70	2.3/4"	1	3	3 x 13	6 x 13	2,30
	1238-7613-E64	TZ38 (1.1/2")	76	3"	1	3	4 x 13	6 x 13	2,50
	1245-7613-E64	TZ45 (1.3/4")	76	3"	1	3	4 x 13	6 x 13	2,60
	1238-7013-B63	TZ38 (1.1/2")	70	2.3/4"	1	3	3 x 13	6 x 13	2,20
	1245-7013-B63	TZ45 (1.3/4")	70	2.3/4"	1	3	3 x 13	6 x 13	2,30
	1238-7613-B64	TZ38 (1.1/2")	76	3"	1	3	4 x 13	6 x 13	2,50
	1245-7613-B64	TZ45 (1.3/4")	76	3"	1	3	4 x 13	6 x 13	2,60

COROAS RETRAC

Desenho	Código	Rosca	Diâmetro (D)		Furos de limpeza		Botões		Peso (kg)
			(mm)	(Pol.)	Frontal (Qtde)	Lateral (Qtde)	Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)	
	1238-8913-E85	TZ38 (1.1/2")	89	3.1/2"	2	2	5 x 13	8 x 13	4,20
	1245-8913-E85	TZ45 (1.3/4")	89	3.1/2"	2	2	5 x 13	8 x 13	4,30
	1251-8913-E85	TZ51 (2")	89	3.1/2"	2	2	5 x 13	8 x 13	4,40
	1238-8913-B85	TZ38 (1.1/2")	89	3.1/2"	2	2	5 x 13	8 x 13	4,20
	1245-8913-B85	TZ45 (1.3/4")	89	3.1/2"	2	2	5 x 13	8 x 13	4,30
	1251-8913-B85	TZ51 (2")	89	3.1/2"	2	2	5 x 13	8 x 13	4,40
	1238-0213-E86	TZ38 (1.1/2")	102	4"	2	4	6 x 13	8 x 13	5,20
	1245-0213-E86	TZ45 (1.3/4")	102	4"	2	4	6 x 13	8 x 13	5,30
	1251-0213-E86	TZ51 (2")	102	4"	2	4	6 x 13	8 x 13	5,40
	1238-0213-B86	TZ38 (1.1/2")	102	4"	2	4	6 x 13	8 x 13	5,20
	1245-0213-B86	TZ45 (1.3/4")	102	4"	2	4	6 x 13	8 x 13	5,30
	1251-0213-B86	TZ51 (2")	102	4"	2	4	6 x 13	8 x 13	5,40
	1260-0213-E99	GT60	102	4"	3	-	9 x 11	9 x 13	-
	1260-1514-E90	GT60	115	4.1/2"	3	-	10 x 12	9 x 14	-
	1260-2714-E90	GT60	127	5"	3	-	10 x 13	9 x 14	-
	1260-4016-E90	GT60	140	5.1/2"	3	-	10 x 14	9 x 16	-

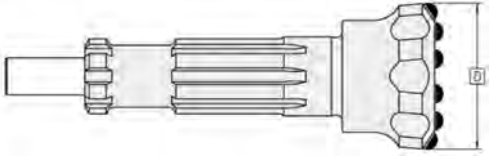
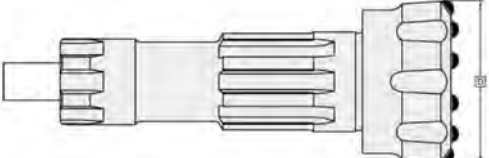
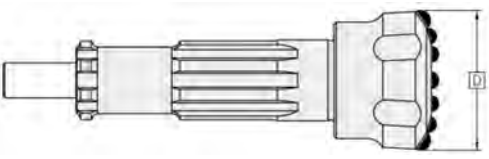
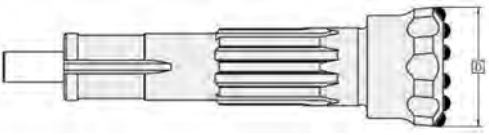
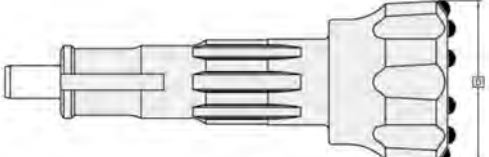
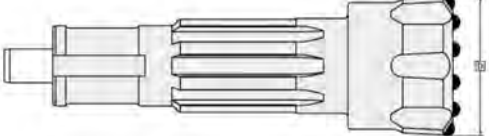
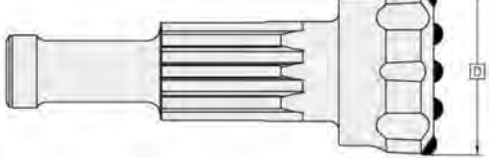
COROAS ALARGADORAS

Desenho	Código	Cône	Rosca	Diâmetro (D)		Botões		Peso (kg)
				(mm)	(Pol.)	Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)	
	1306-6410-E82	6°	-	64	2.1/2"	2 x 9	8 x 10	0,90
	1306-7611-E82	6°	-	76	3"	2 x 11	8 x 11	1,20
	1306-8911-E84	6°	-	89	3.1/2"	4 x 11	8 x 11	1,60
	1312-0213-E84	12°	-	102	4"	4 x 13	8 x 13	2,10
	1312-1413-E88	12°	-	114	4.1/2"	8 x 11	8 x 13	3,70
	1312-2713-E06	12°	-	127	5"	6 x 13	10 x 13	4,00
	1312-4013-E28	12°	-	140	5.1/2"	8 x 13	12 x 13	5,20
	1312-5213-E28	12°	-	152	6"	8 x 13	12 x 13	5,70
	1332-0002-E13	-	R32 (1.1/4")	102	4"	1 x 13	16 x 13	3,20
	1335-0002-E13	-	R35 (1.3/8")	102	4"	1 x 13	16 x 13	3,10
	1332-4202-E13	-	R32 (1.1/4")	42 x 102	1.5/8" x 4"	4 x 13	8 x 13	3,60
	1335-4202-E13	-	R35 (1.3/8")	42 x 102	1.5/8" x 4"	4 x 13	8 x 13	3,30
	1338-7627-E13	-	TZ38 (1.1/2")	76 x 127	3" x 5"	4 x 13	8 x 13	6,60
	1345-7627-E13	-	TZ45 (1.3/4")	76 x 127	3" x 5"	4 x 13	8 x 13	6,40
	1351-0252-E16	-	TZ51 (2")	102 x 152	4" x 6"	4 x 16	8 x 16	11,40
	1368-0252-E16	-	ST68	102 x 152	4" x 6"	4 x 16	8 x 16	14,90

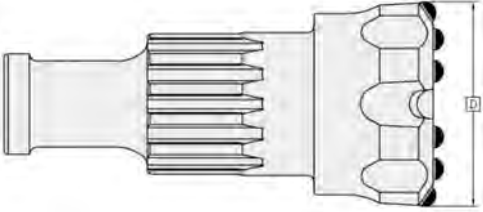
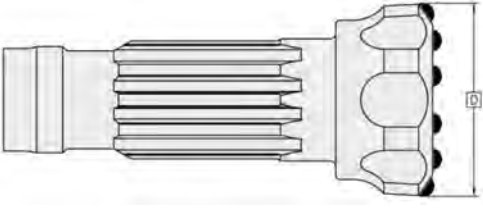
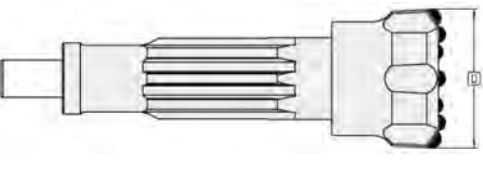
COROAS DTH (DOWN-THE-HOLE)

Desenho	Código	Diâmetro (D)		Furos de limpeza (Qtde)	Botões		Peso (kg)	Modelo da Perfuratriz
		(mm)	(pol.)		Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)		
	1503-6090-E13	90	3.9/16"	2	5 x 13	6 x 13	4,08	Bulroc 3/ Bohler LH 78ZD/ Boart BH 75/ Demaq DH 90/ Klemm KR-3/ Minroc 3
	1503-6102-E13	102	4"	2	6 x 13	8 x 13	4,91	
	1503-6090-B13	90	3.9/16"	2	5 x 13	6 x 13	4,08	
	1503-6102-B13	102	4"	2	6 x 13	8 x 13	4,91	
	1532-6090-E13	90	3.9/16"	2	5 x 13	6 x 13	4,70	COP 32 / Secoroc 3
	1532-6102-E13	102	4"	2	6 x 13	8 x 13	7,60	
	1532-6090-B13	90	3.9/16"	2	5 x 13	6 x 13	4,70	
	1532-6102-B13	102	4"	2	6 x 13	8 x 13	7,60	
	1534-6092-E13	92	3.5/8"	2	7 x 11	8 x 13	11,9	COP 34, 34Q / Secoroc 3.5, 3.5Q Válvula de pé – cód. 0800-0017-13
	1534-6095-E13	95	3.3/4"	2	7 x 11	8 x 13	12,3	
	1534-6100-E13	100	3.15/16"	2	6 x 13	8 x 13	13,0	
	1534-6105-E13	105	4.1/8"	2	6 x 13	8 x 13	13,6	
	1534-8102-B13	102	4"	2	6 x 13	8 x 13	13,3	
	1542-6115-E14	115	4.1/2"	2	8 x 13	8 x 14	8,4	COP 42
	1542-7115-E13	115	4.1/2"	2	7 x 13	8 x 13	8,4	
	1542-6115-B14	115	4.1/2"	2	8 x 13	8 x 14	8,4	
	1542-7115-B13	115	4.1/2"	2	7 x 13	8 x 13	8,4	
	1544-6105-E13	105	4.1/8"	2	6 x 13	8 x 13	13,8	COP44, 44Q/ Secoroc 4, 4Q/ DHD 340A/ Numa 4, DH4/ Compair Holman VOL400 Válvula de pé – cód. 0800-0017-02 cód. 0800-0017-02-A
	1544-6115-E14	115	4.1/2"	2	8 x 13	8 x 14	15,0	
	1544-6115-B13	115	4.1/2"	2	8 x 13	8 x 13	15,0	
	1544-6127-B13	127	5"	2	8 x 13	8 x 13	16,7	
	1544-7115-E13	115	4.1/2"	2	7 x 13	8 x 13	15,0	
	1544-7120-E14	120	4.3/4"	2	7 x 13	8 x 14	15,8	
	1544-7127-E14	127	5"	2	8 x 13	8 x 14	16,7	
	1544-8115-E13	115	4.1/2"	2	8 x 13	8 x 13	15,0	
	1544-8115-B13	115	4.1/2"	2	8 x 13	8 x 13	15,0	
	1554-6140-E16	140	5.1/2"	2	8 x 14	8 x 16	16,4	COP54/ 54Q/ 54QHD/ Secoroc 5, 5Q, 5QHD/ DH5/ DHD 350/ Compair Holman VOL500/ Digger 5/ Numa 5/ DHD 350R. Válvula de pé – cód. 0800-0017-06
	1530-7092-E13	92	3.5/8"	2	6 x 13	6 x 13	6,8	Drilltech Mission A30-15/ Digger 3. Válvula de pé – cód. 0800-0017-10

COROAS DTH (DOWN-THE-HOLE)

Desenho	Código	Diâmetro (D)		Furos de limpeza (Qtde)	Botões		Peso (kg)	Modelo da Perfuratriz
		(mm)	(pol.)		Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)		
	1535-6090-E13	90	3.9/16"	2	5 x 13	6 x 13	4,7	DHD 3.5 <i>Válvula de pé – cód. 0800-0017-01</i>
	1535-6095-E13	95	3.3/4"	2	6 x 13	8 x 13	4,9	
	1535-6102-E13	102	4"	2	6 x 13	8 x 13	5,3	
	1535-6105-E13	105	4.1/8"	2	6 x 13	8 x 13	5,5	
	1535-6115-E13	115	4.1/2"	2	8 x 13	8 x 13	5,9	
	1531-6165-E16	165	6.1/2"	2	10 x 16	10 x 16	25,4	DHD 360/ Secoroc 6, SF6/ DHD 160/ DM XL 61, DM PD61/ Compair Holman VOL600/ Digger 6/ Numa 6/ Drillquip T36/ Minroc 6/ COP 64, 64Q, 64QHD <i>Válvula de pé – cód. 0800-0017-08</i>
	1533-8090-E13	90	3.9/16"	2	7 x 10	6 x 13	7,0	Halco Mach 33 <i>Válvula de pé – cód. 0800-0017-11</i>
	1541-6115-E14	115	4.1/2"	2	8 x 13	8 x 14	6,0	Mission SD 4/ Boart BH40/ Bohler LH96/ Digger 4, 42/ Drillquip T4/ Dresser T4 <i>Válvula de pé – cód. 0800-0017-09</i>
	1541-7115-E14	115	4.1/2"	2	6 x 13	8 x 14	6,0	
	1505-6155-E16	155	6.1/8"	2	8 x 16	8 x 16	26,7	Mission SD5 <i>Válvula de pé – cód. 0800-0017-14</i>
	1560-6152-E16	152	6"	2	8 x 16	8 x 16	27,4	Mission SD6 <i>Válvula de pé – cód. 0800-0017-12</i>
	1560-6156-E16	156	6.1/8"	2	8 x 16	8 x 16	28,0	
	1560-7152-E16	152	6"	2	8 x 16	8 x 16	27,4	
	1548-7115-E14	115	4.1/2"	2	6 x 14	8 x 14	8,0	Mission 40

COROAS DTH (DOWN-THE-HOLE)

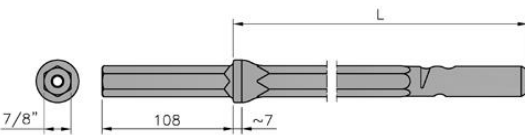
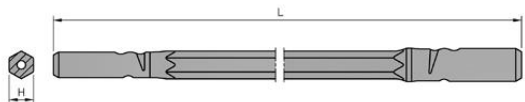
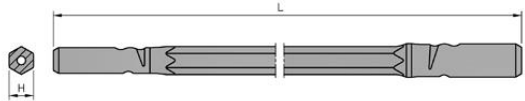
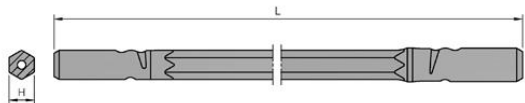
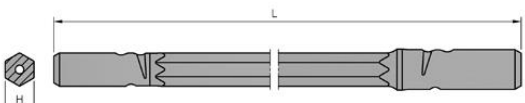
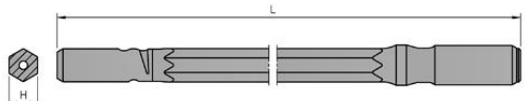
Desenho	Código	Diâmetro (D)		Furos de limpeza (Qtde)	Botões		Peso (kg)	Modelo da Perfuratriz
		(mm)	(pol.)		Frontais (Qtde x Diâm.)	Laterais (Qtde x Diâm.)		
	1506-7152-E16	152	6"	2	8 x 16	8 x 16	19,0	Mission 6
	1506-7155-E16	155	6.1/8"	2	8 x 16	8 x 16	19,4	
	1506-7165-E16	165	6.1/2"	2	8 x 16	8 x 16	20,6	
	1550-7140-E14	140	5.1/2"	2	8 x 14	8 x 14	16,4	QL 50
	1504-6140-E16	140	5.1/2"	2	8 x 14	8 x 16	12,3	XL 4 <i>Válvula de pé – cód. 0800-0017-05</i>
	1504-7115-E14	114	4.1/2"	2	6 x 13	8 x 14	10,0	
	1504-7120-E14	120	4.3/4"	2	7 x 13	8 x 14	10,5	
	1504-7140-E16	140	5.1/2"	2	8 x 13	8 x 16	12,3	
	1504-7152-E16	152	6"	2	8 x 16	8 x 16	13,3	

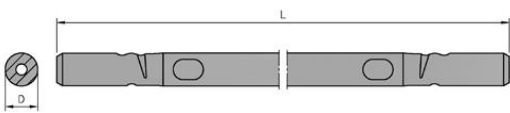
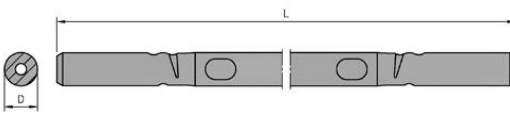
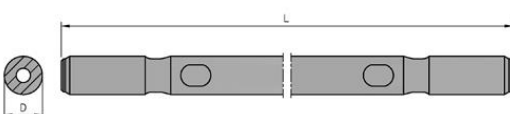
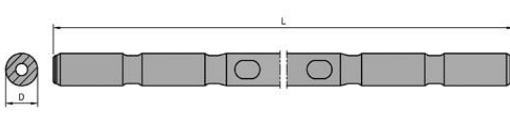
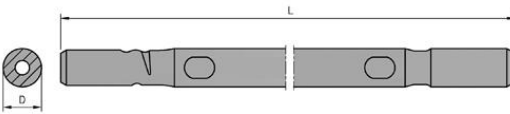
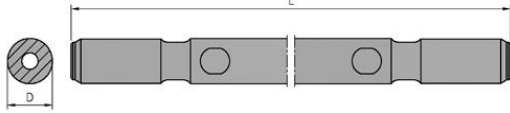


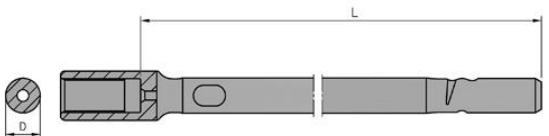
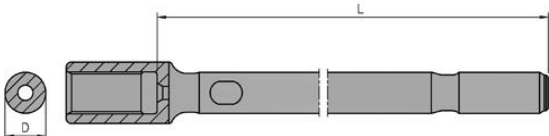
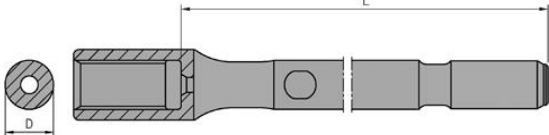
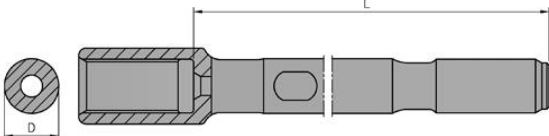
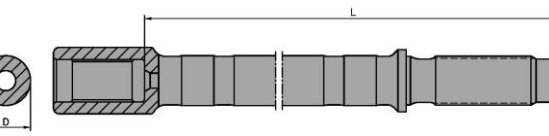
HASTES SEXTAVADAS, CILÍNDRICAS, MF E TUBOS GUIA



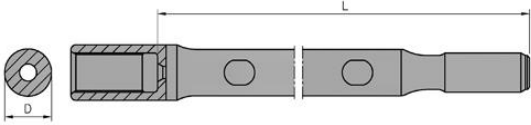
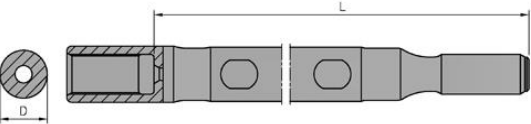
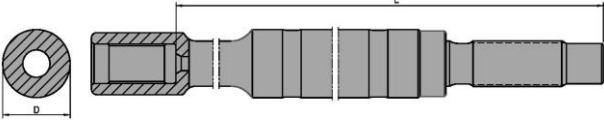
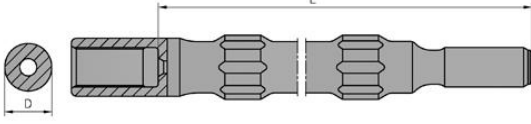
HASTES SEXTAVADAS

Desenho	Código	Diâmetro do Perfil (H) (mm)	Rosca	Comprimento (L)		Peso (kg)
				(mm)	(pés)	
	2625-0103-H22	22	R25 (1")	305	1'	1,60
	2625-0106-H22	22	R25 (1")	610	2'	3,20
	2625-0108-H22	22	R25 (1")	800	2'7.1/2"	4,20
	2625-0112-H22	22	R25 (1")	1200	3'11"	6,30
	2625-0116-H22	22	R25 (1")	1600	5'3"	8,40
	2625-0118-H22	22	R25 (1")	1800	5'11"	9,50
	2625-0124-H22	22	R25 (1")	2400	7'10"	12,60
						
	2032-2824-H28	28	R28 (1.1/8") x R32 (1.1/4")	2440	8'	12,20
	2032-2831-H28	28	R28 (1.1/8") x R32 (1.1/4")	3050	10'	15,80
	2032-2837-H28	28	R28 (1.1/8") x R32 (1.1/4")	3660	12'	18,90
	2039-2831-H32	32	R28 (1.1/8") x R38 (1.1/2")	3050	10'	19,80
	2039-2837-H32	32	R28 (1.1/8") x R38 (1.1/2")	3660	12'	23,40
	2039-2843-H32	32	R28 (1.1/8") x R38 (1.1/2")	4270	14'	27,20
	2032-3224-H32	32	R32 (1.1/4")	2440	8'	15,60
	2032-3231-H32	32	R32 (1.1/4")	3050	10'	19,50
	2039-3231-H32	32	R32 (1.1/4") x R38 (1.1/2")	3050	10'	19,80
	2039-3237-H32	32	R32 (1.1/4") x R38 (1.1/2")	3660	12'	23,50
	2039-3243-H32	32	R32 (1.1/4") x R38 (1.1/2")	4270	14'	27,50
	2039-3249-H32	32	R32 (1.1/4") x R38 (1.1/2")	4920	16'	31,40
		2038-3231-H32	32	R32 (1.1/4") x TZ38 (1.1/2")	3050	10'
2038-3237-H32		32	R32 (1.1/4") x TZ38 (1.1/2")	3660	12'	23,50
2038-3243-H32		32	R32 (1.1/4") x TZ38 (1.1/2")	4270	14'	27,50
	2038-3818-H32	32	TZ38 (1.1/2") x TZ38 (1.1/2")	1830	6'	11,50
	2038-3824-H32	32	TZ38 (1.1/2") x TZ38 (1.1/2")	2440	8'	15,30
	2038-3831-H32	32	TZ38 (1.1/2") x TZ38 (1.1/2")	3050	10'	19,10
	2038-3837-H32	32	TZ38 (1.1/2") x TZ38 (1.1/2")	3660	12'	22,90
	2038-3843-H32	32	TZ38 (1.1/2") x TZ38 (1.1/2")	4270	14'	26,70

HASTES CILÍNDRICAS						
Desenho	Código	Diâmetro do Perfil (D) (mm)	Rosca	Comprimento (L)		Peso (kg)
				(mm)	(pés)	
	2032-3209-R32	32	R32 (1.1/4") x R32 (1.1/4")	915	3'	4,80
	2032-3212-R32	32	R32 (1.1/4") x R32 (1.1/4")	1220	4'	6,50
	2032-3218-R32	32	R32 (1.1/4") x R32 (1.1/4")	1830	6'	9,80
	2032-3224-R32	32	R32 (1.1/4") x R32 (1.1/4")	2440	8'	13,20
	2032-3231-R32	32	R32 (1.1/4") x R32 (1.1/4")	3050	10'	16,60
	2032-3237-R32	32	R32 (1.1/4") x R32 (1.1/4")	3660	12'	20,00
	2032-3231-D32	32	R32 (1.1/4") x R32 (1.1/4")	3050	10'	17,70
	2038-3806-R39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	610	2'	4,40
	2038-3809-R39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	915	3'	8,30
	2038-3812-R39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	1220	4'	9,50
	2038-3815-R39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	1525	5'	11,90
	2038-3818-R39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	1830	6'	13,50
	2038-3824-R39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	2440	8'	19,50
	2038-3831-R39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	3050	10'	25,10
	2038-3837-R39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	3660	12'	29,60
	2038-3831-D39	39	TZ38 (1.1/2") x TZ38 (1.1/2")	3050	10'	25,10
	2038-3549-R39	39	R35 (1.3/8") x TZ38 (1.1/2")	4920	16'13/16"	42,10
	2045-4531-R46	46	TZ45 (1.3/4") x TZ45 (1.3/4")	3050	10'	34,50
	2045-4537-R46	46	TZ45 (1.3/4") x TZ45 (1.3/4")	3660	12'	41,40

HASTES MF (MACHO-FÊMEA)						
Desenho	Código	Diâmetro do Perfil (D) (mm)	Rosca	Comprimento (L)		Peso (kg)
				(mm)	(pés)	
	2232-3209-R32	32	R32 (1.1/4")	915	3'	6,80
	2232-3212-R32	32	R32 (1.1/4")	1220	4'	8,60
	2232-3215-R32	32	R32 (1.1/4")	1525	5'	10,40
	2232-3218-R32	32	R32 (1.1/4")	1830	6'	12,20
	2232-3231-R32	32	R32 (1.1/4")	3050	10'	19,30
	2238-3809-R39	39	TZ38 (1.1/2")	915	3'	9,70
	2238-3812-R39	39	TZ38 (1.1/2")	1220	4'	12,20
	2238-3815-R39	39	TZ38 (1.1/2")	1525	5'	14,70
	2238-3818-R38	39	TZ38 (1.1/2")	1830	6'	17,30
	2238-3831-R39	39	TZ38 (1.1/2")	3050	10'	27,30
	2238-3837-R39	39	TZ38 (1.1/2")	3660	12'	32,30
	2245-4515-R46	46	TZ45 (1.3/4")	1525	5'	20,90
	2245-4518-R46	46	TZ45 (1.3/4")	1830	6'	24,30
	2245-4531-R46	46	TZ45 (1.3/4")	3050	10'	37,90
	2245-4537-R46	46	TZ45 (1.3/4")	3660	12'	44,70
	2251-5118-R51	51	TZ51 (2")	1830	6'	29,70
	2251-5131-R51	51	TZ51 (2")	3050	10'	48,00
	2251-5137-R51	51	TZ51 (2")	3660	12'	55,20
	2260-6037-R60	60	GT60	3660	12'	-
	2260-6043-R60	60	GT60	4265	14'	-

TUBOS-GUIA

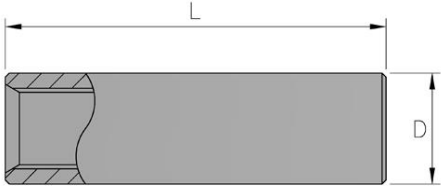

Desenho	Código	Diâmetro do Perfil (D) (mm)	Rosca	Comprimento (L)		Peso (kg)
				(mm)	(pés)	
	2332-3212-R46	46	R32 (1.1/4")	1220	4'	14,50
	2332-3215-R46	46	R32 (1.1/4")	1525	5'	18,10
	2332-3218-R46	46	R32 (1.1/4")	1830	6'	21,50
	2338-3812-R46	46	TZ38 (1.1/2")	1220	4'	15,80
	2338-3815-R46	46	TZ38 (1.1/2")	1525	5'	19,80
	2338-3818-R46	46	TZ38 (1.1/2")	1830	6'	23,20
	2338-3831-R46	46	TZ38 (1.1/2")	3050	10'	37,70
	2338-3812-R51	51	TZ38 (1.1/2")	1220	4'	18,30
	2338-3815-R51	51	TZ38 (1.1/2")	1525	5'	22,80
	2338-3818-R51	51	TZ38 (1.1/2")	1830	6'	26,00
	2338-3831-R51	51	TZ38 (1.1/2")	3050	10'	43,60
	2345-4518-R64	51	TZ45 (1.3/4")	1525	5'	24,00
	2360-6018-R89	89	GT60	1830	6'	-
	2432-3212-R46	46	R32 (1.1/4")	1220	4'	14,50
	2438-3818-R51	51	TZ38 (1.1/2")	1830	6'	30,00
	2445-4518-R64	51	TZ45 (1.3/4")	1830	6'	35,50



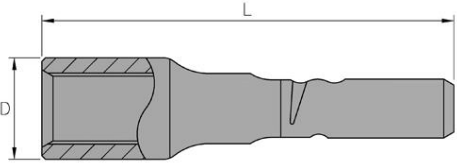
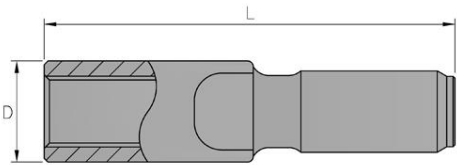
LUVAS ADAPTADORAS



LUVAS ADAPTADORAS

Desenho	Código	Diâmetro do Perfil (D) (mm)	Rosca	Comprimento (L)	Peso (kg)
	3025-2535-S10	35	R25 (1")	150	0,70
	3028-2840-S10	40	R28 (1.1/8")	150	0,80
	3032-3244-S10	44	R32 (1.1/4")	150	0,90
	3039-3955-S10	55	R38 (1.1/2")	170	1,70
	3038-3855-S10	55	TZ38 (1.1/2")	190	1,90
	3045-4563-S10	63	TZ45 (1.3/4")	210	2,70
	3051-5171-S10	72	TZ51 (2")	235	3,90
	3032-2544-S10	44	R25 (1") x R32 (1.1/4")	160	1,20
	3039-2555-S10	55	R25 (1") x R38 (1.1/2")	170	1,90
	3032-2844-S10	44	R28 (1.1/8") x R32 (1.1/4")	160	1,10
	3039-2855-S10	55	R28 (1.1/8") x R38 (1.1/2")	170	2,10
	3039-3257-S10	55	R32 (1.1/4") x R38 (1.1/2")	170	2,00
	3038-3255-S10	55	R32 (1.1/4") x TZ38 (1.1/2")	170	1,90
	3038-3944-S10	55	R38 (1.1/2") x TZ38 (1.1/2")	190	1,90
	3045-3863-S10	63	TZ38 (1.1/2") x TZ45 (1.3/4")	210	3,20
	3051-4572-S10	72	TZ45 (1.3/4") x TZ51 (2")	235	3,90

LUVAS ADAPTADORAS REDUTORAS

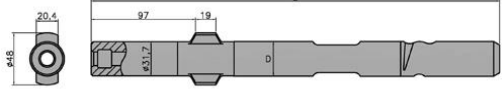
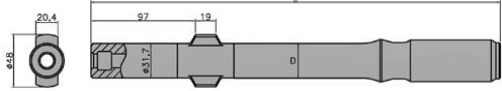
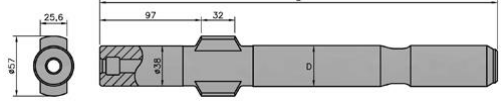
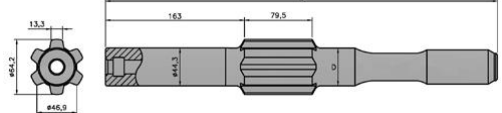
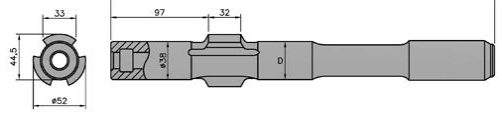
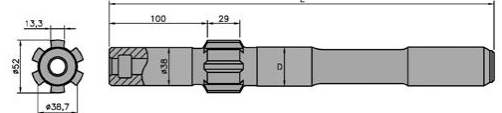
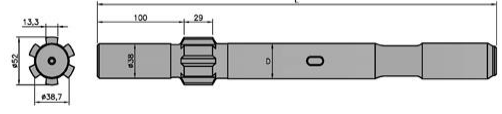
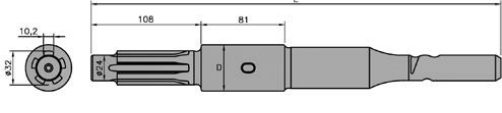
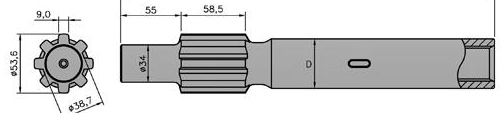
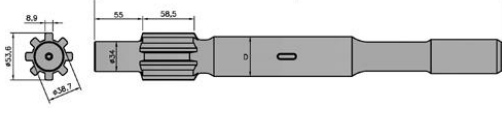
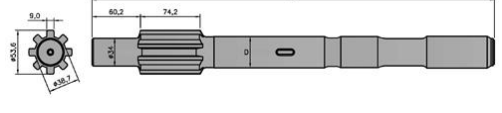
Desenho	Código	Rosca		Comprimento (L) (mm)	Diâmetro (D) (mm)	Peso (kg)
		Macho	Fêmea			
	3132-2845-S10	R28 (1.1/8")	R32 (1.1/4")	224	44	1,40
	3139-2855-S10	R28 (1.1/8")	R38 (1.1/2")	224	55	1,70
	3125-3245-S10	R32 (1.1/4")	R25 (1")	224	40	1,10
	3128-3240-S10	R32 (1.1/4")	R28 (1.1/8")	224	40	1,30
	3139-3255-S10	R32 (1.1/4")	R38 (1.1/2")	224	55	1,60
	3145-3863-S10	TZ38 (1.1/2")	TZ45 (1.3/4")	250	66	3,30
	3138-4557-S10	TZ45 (1.3/4")	TZ38 (1.1/2")	250	55	3,80
	3151-4572-S10	TZ45 (1.3/4")	TZ51 (2")	280	72	4,10



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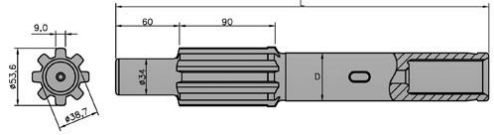
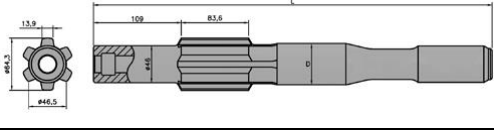
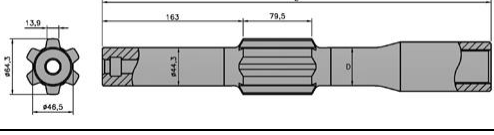
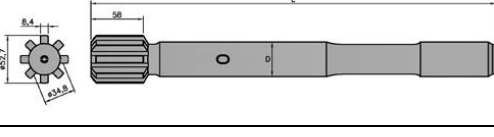
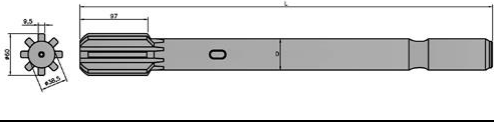
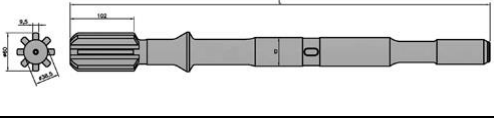
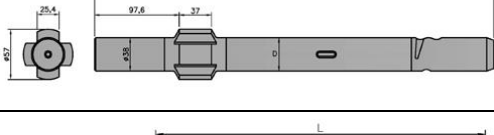
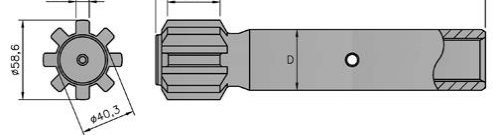
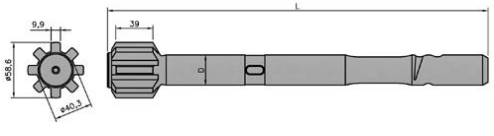
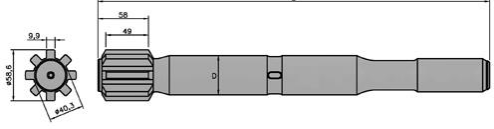
PUNHOS ADAPTADORES

Desenho	Código	Rosca	Comprimento (L) (mm)	Diâmetro (D) (mm)	Peso (kg)	Modelo da Perfuratriz
	4032-3832-A10	R32 (1.1/4")	380	32	1,9	Atlas Copco BBC42, 44, 45, 100 Gardner Denver 93
	4038-3832-A10	TZ38 (1.1/2")	380	32	1,9	Atlas Copco BBC42, 44, 45, 100 Gardner Denver 93
	4032-3838-A10 4038-3938-A10	R32 (1.1/4") TZ38 (1.1/2")	380 390	38 38	2,6 3,1	Atlas Copco BBC51, 52, 54, 120 Böhler HM 751, 755 Montabert H 40, 50, 60
	4038-5444-E10	TZ38 (1.1/2")	540	44	5,3	Atlas Copco BBE 57
	4038-3838-B10	TZ38 (1.1/2")	380	38	4,0	Atlas Copco COP 125, 130, 131
	4038-3838-E10	TZ38 (1.1/2")	380	38	2,7	Atlas Copco COP 131
	4038-4538-E12	TZ38 (1.1/2")	444	38	3,7	Atlas Copco COP 131 (PW)
	4025-4045-D12	R25 (1")	400	45	2,4	Atlas Copco COP 1028
	4132-3445-F12	R32 (1.1/4")	340	45	3,4	Atlas Copco COP 1032HD
	4032-5545-F12 4038-5545-F12	R32 (1.1/4") TZ38 (1.1/2")	550 550	45 45	4,5 5,4	Atlas Copco COP1032HB, HD, LE
	4032-5838-F12 4039-5838-F12 4038-5838-F12	R32 (1.1/4") R38 (1.1/2") TZ38 (1.1/2")	575 575 575	38 38 38	4,4 4,9 4,9	Atlas Copco COP 1036, 1038, 1238

PUNHOS ADAPTADORES

Desenho	Código	Rosca	Comprimento (L) (mm)	Diâmetro (D) (mm)	Peso (kg)	Modelo da Perfuratriz
	4038-5845-F12	TZ38 (1.1/2")	575	45	5,0	Atlas Copco COP 1036, 1038, 1238
	4032-4938-F12 4039-4938-F12 4038-4938-F12 4038-5038-F12	R32 (1.1/4") R38 (1.1/2") TZ38 (1.1/2") TZ38 (1.1/2")	485 485 485 500	38 38 38 38	4,0 4,4 4,4 4,6	Atlas Copco COP 1036, 1038, 1238
	4039-4438-F02 4038-4438-F02	R38 (1.1/2") TZ38 (1.1/2")	435 435	38 38	3,9 3,9	Atlas Copco COP 1440, 1550, 1838/ BBX 220
	4032-5338-F02 4039-5338-F02 4038-5338-F02 4039-5352-F02 4038-5352-F02 4045-5352-F02 4051-5352-F02	R32 (1.1/4") R38 (1.1/2") TZ38 (1.1/2") R38 (1.1/2") TZ38 (1.1/2") TZ45 (1.3/4") TZ51 (2")	525 525 525 525 525 525 525	38 38 38 52 52 52 52	4,3 4,3 4,3 5,8 5,9 6,1 6,1 7,2	Atlas Copco COP 1440, 1550, 1838/ BBX 220
	4038-5745-D12	TZ38 (1.1/2")	572	45	6,2	Boart HD 125, 150, 160/ HE 125, 150
	4038-6645-E10	TZ38 (1.1/2")	656	45	6,0	Furukawa HD 300
	4038-7151-F12	TZ38 (1.1/2")	708	51	8,9	Furukawa HD 612
	4038-7345-I12 4045-7345-I12	TZ38 (1.1/2") TZ45 (1.3/4")	725 725	45 45	8,6 8,8	Gardner Denver HPR 1H
	4032-3845-C10 4038-3845-C10 4038-4545-C10 4039-3845-C10 4045-3845-C10	R32 (1.1/4") TZ38 (1.1/2") TZ38 (1.1/2") R38 (1.1/2") TZ45 (1.3/4")	380 380 446 380 380	45 45 45 45 45	3,3 3,6 3,9 3,6 3,9	Ingersoll Rand VL120, 130, 140, URD 475, 550 Gardner Denver PR 55, 123, 133 Holman S 115R Furukawa M 120, HD 120 Le Roi 155, 455R, LHD 155 Tamrock L600, 750 Toyo PR 220

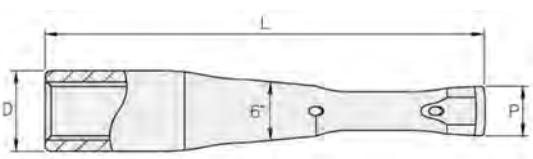
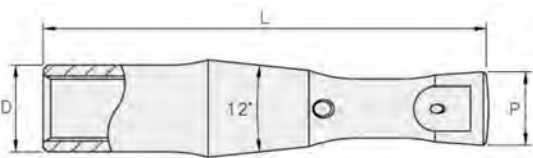
PUNHOS ADAPTADORES

Desenho	Código	Rosca	Comprimento (L) (mm)	Diâmetro (D) (mm)	Peso (kg)	Modelo da Perfuratriz
	4132-3545-F12	R32 (1.1/4")	351	45	3,6	Ingersoll Rand Hydrastar 200
	4038-5045-E10 4045-5051-E10	TZ38 (1.1/2") TZ45 (1.3/4")	495 495	45 51	6,0 6,7	Ingersoll Rand YH 65, 80A
	4138-4544-E10	TZ38 (1.1/2")	450	44	6,8	Montabert H 100 Atlas Copco BBE 56U2, 57, 57-01
	4038-4538-F02	TZ38 (1.1/2")	447	38	3,8	Montabert HC 40
	4045-4945-F02	TZ45 (1.3/4")	490	45	5,6	Montabert HC 80, 120
	4038-6745-F02 4045-6745-F02 4051-6751-F02	TZ38 (1.1/2") TZ45 (1.3/4") TZ51 (2")	670 670 670	45 45 51	7,0 7,5 8,0	Montabert HC 80R, 120R
	4032-4538-C12 4039-4538-C12	R32 (1.1/4") R38 (1.1/2")	450 450	38 38	3,8 4,0	Tamrock HLR 438TS/LS, HL538, 538L, 550S
	4132-2545-F02	R32 (1.1/4")	245	45	2,6	Tamrock HL 300S
	4025-4032-F02 4032-4032-F02	R25 (1") R32 (1.1/4")	400 400	32 32	2,5 2,6	Tamrock HL 300S
	4032-5545-F02 4038-5545-F02 4045-5545-F02	R32 (1.1/4") TZ38 (1.1/2") TZ45 (1.3/4")	550 550 550	45 45 45	5,3 5,3 5,7	Tamrock HL 500

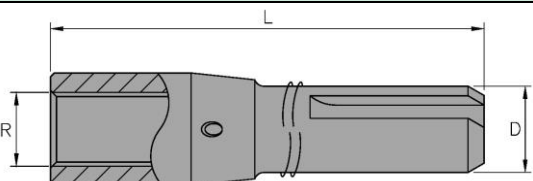
PUNHOS ADAPTADORES

Desenho	Código	Rosca	Comprimento (L) (mm)	Diâmetro (D) (mm)	Peso (kg)	Modelo da Perfuratriz
	4032-5538-F02	R32 (1.1/4")	550	38	4,6	Tamrock HL 500, 500 S, 500 C, 500 S-38, 510 S-38, 510 B, 510 LH
	4032-4638-F02	R32 (1.1/4")	460	38	3,9	
	4039-4638-F02	R38 (1.1/2")	460	38	3,9	
	4038-5538-F02	TZ38 (1.1/2")	550	38	3,9	
	4038-4638-F02	TZ38 (1.1/2")	460	38	4,6	
	4032-5045-F02	R32 (1.1/4")	500	45	5,2	Tamrock HL 550S, 560S, 510-S45
	4039-5045-F02	R38 (1.1/2")	500	45	5,3	
	4038-5045-F02	TZ38 (1.1/2")	500	45	5,3	
	4038-6045-F12	TZ38 (1.1/2")	600	45	6,4	Tamrock HL 600, 600S
	4045-6045-F12	TZ45 (1.3/4")	600	45	6,6	
	4038-5345-F12	TZ38 (1.1/2")	525	45	5,7	Tamrock HL 600
	4051-6552-F12	TZ51 (2")	650	52	8,4	
	4038-6052-F02	TZ38 (1.1/2")	600	52	8,0	Tamrock HL 700
	4045-6052-F02	TZ45 (1.3/4")	600	52	8,5	
	4051-6052-F02	TZ51 (2")	600	52	8,5	
	4045-6045-F02	TZ45 (1.3/4")	600	45	7,5	
	4038-5952-F02	TZ38 (1.1/2")	590	52	8,7	Tamrock HL 1000
	4051-5952-F02	TZ51 (2")	590	52	9,0	
	4038-6752-F02	TZ38 (1.1/2")	670	52	10,3	
	4051-6752-F02	TZ51 (2")	670	52	10,4	
	4038-5045-G02	TZ38 (1.1/2")	500	45	5,0	Tamrock HLX 5, HLX 5T
	4032-3832-C10	R32 (1.1/4")	380	32	2,0	Tamrock L 400, 500
	4038-3832-C10	TZ38 (1.1/2")	380	32	2,3	

ADAPTADORES “PILOTO COM PASTILHA”


Desenho	Código	Rosca	Comprimento (L) (mm)	Diâmetro (D) (mm)	Diâmetro da Pastilha (P)	Peso (kg)
		Fêmea				
	5025-0627-P08	R25 (1")	270	37	27 (1.1/16")	1,50
	5028-0627-P08	R28 (1.1/8")	270	44	27 (1.1/16")	2,00
	5032-0627-P08	R32 (1.1/4")	270	44	27 (1.1/16")	2,20
	5032-1240-P10	R32 (1.1/4")	277	53	40 (1.9/16")	2,20
	5038-1240-P10	TZ38 (1.1/2")	277	55	40 (1.9/16")	2,60
	5045-1240-P10	TZ45 (1.3/4")	323	63	40 (1.9/16")	3,40

ADAPTADORES “PILOTO”

Desenho	Código	Rosca	Comprimento (L) (mm)	Diâmetro (D) (mm)	Peso (kg)
		Fêmea			
	5032-0047-C10	R32 (1.1/4")	-	47 (1.7/8")	-
	5038-0047-C10	TZ38 (1.1/2")	-	47 (1.7/8")	-



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