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TUNNELING AND BOLTING TOOLS

					
Hemispherical	CrownPoint	Semi Ballistic	Full Ballistic	Conical	Spike

			
Hemispherical MultiPoint	CrownPoint MultiPoint	Semi Ballistic MultiPoint	Full Ballistic MultiPoint





ROCK MORE
INTERNATIONAL
Rock Drilling Tools

Carbide Design Selection

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Semi Ballistic button / Parabolidstift / Boutons semi paraboliques / Botones semi parabólicos

CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

CP = Crownpoint carbide on request / Crownpoint Stift auf Anfrage / Boutons Crownpoint sur demande / Botones Crownpoint a solicitud

MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

Blade bits are 1 mm bigger in diameter than the measurements in the catalogue.

Button bits are 1-2 mm bigger in diameter than the measurements in the catalogue.

Plattenbohrkronen sind 1 mm größer als das Nennmaß im Katalog.

Stiftbohrkronen sind 1-2 mm größer als das Nennmaß im Katalog.

Les dimensions des taillants à plaques sont 1 mm plus grandes que celles indiquées dans le catalogue.

Les dimensions des taillants à métal dur sont de 1 à 2 mm plus grandes que celles indiquées dans le catalogue.

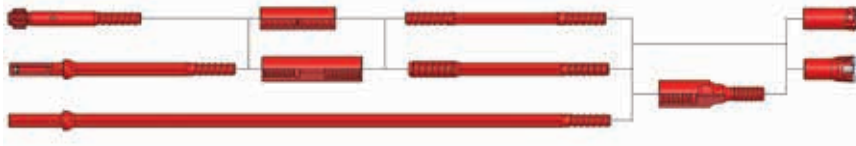
Las medidas de las Broca con placas son 1 mm más grandes que las medidas del catálogo.

Las medidas de las Broca con botones son 1-2 mm más grandes que las medidas del catálogo.



R25 (1")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada



Bit Bohrkrone Taillant Broca	Carbide dimension Hartmetallabmessung Dimension métal dur Dimension metal duro						D		Flushing hole Spüllöcher trou d'injection Agujeros de Lavado		Part No. Artikel Nr. N° de réf. Cat. N°
	Carbide design	Gauge / Umfang diamètre / diámetro		Front / Stirnseite front / frente		[mm]	[in]	Front / Side			
		[No.]	[mm]	[No.]	[mm]						
Button bit / Stiftbohrkrone Taillant à boutons métal dur Broca de botones	1)	HEM	5	7	2	7	32	1 1/4"	1	1	A44124
	1)	BAL	5	7	2	7	32	1 1/4"	1	1	A44125
	1)	HEM	5	7	2	7	33	1 5/16"	1	1	A44847
	1)	BAL	5	7	2	7	33	1 5/16"	1	1	A44616
	1)	HEM	5	8	2	7	35	1 3/8"	1	1	A44741
	1)	BAL	5	8	2	7	35	1 3/8"	1	1	A44647
	1)	HEM	5	8	2	7	36	1 13/32"	1	1	A44507
		HEM	5	9	2	7	38	1 1/2"	1	1	A44617
		HEM	5	9.5	2	7	38	1 1/2"	1	1	A44743
		BAL	5	9	2	7	38	1 1/2"	1	1	A44754
		HEM	5	9	2	9	41	1 5/8"	1	1	A44673
		BAL	5	9	2	9	41	1 5/8"	1	1	A44677
		HEM	5	9.5	2	8	43	1 11/16"	1	1	A44623
		BAL	5	9.5	2	8	43	1 11/16"	1	1	A44991
		HEM	5	10	2	9	45	1 3/4"	1	1	A44602
		BAL	5	10	2	9	45	1 3/4"	1	1	A44603
		HEM	5	11	2	9	48	1 7/8"	1	1	A44326
		BAL	5	11	2	9	48	1 7/8"	1	1	A44327
		HEM	5	11	2	10	51	2"	1	1	A44328
		BAL	5	11	2	10	51	2"	1	1	A44329
B2		BAL	6	7	3	7	35	1 3/8"	3	1	A16078
		HEM	6	9	3	7	43	1 11/16"	3	1	A16079
		CP/HEM	6	9	3	7	43	1 11/16"	3	1	A16080
		HEM	6	9	3	8	45	1 3/4"	3	1	A44618
		BAL	6	9	3	8	45	1 3/4"	3	1	A44619
		HEM	6	9	3	9	48	1 7/8"	3	1	A44624
		BAL	6	9	3	9	48	1 7/8"	3	1	A44625
		HEM	6	10	3	9.5	51	2"	3	1	A44767
		BAL	6	10	3	9.5	51	2"	3	1	A44626
		HEM	6	10	3	10	57	2 1/4"	3	1	A44629
		BAL	6	10	3	10	57	2 1/4"	3	1	A44632
	B3		BAL	6	10	3	10	60	2 3/8"	3	1

		Width / Breite largeur / ancho W [mm]		Height / Höhe hauteur / alto H [mm]		D	Flushing hole	Part No.
		[mm]	[mm]	[mm]	[mm]			
Cross design multi use / Kreuzschneide Mehrweg Taillant en croix reutilisable / Broca en cruz uso multiple	1)	8	14	35	1 3/8"	1	4	A49673
		8	14	38	1 1/2"	1	4	A49600
		8	14	41	1 5/8"	1	4	A49601
		8	14	43	1 11/16"	1	4	A49602
		8	14	45	1 3/4"	1	4	A49603
		9.5	19	48	1 7/8"	1	4	A49640
		9.5	19	51	2"	1	4	A49660
		9.5	19	57	2 1/4"	1	4	A49658





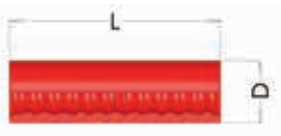

1) = Only for single rod drilling / Nur für das Bohren mit einer Stange geeignet / Uniquement propre au forage à l'aide d'un seul tige
Solamente para perforación con una barra

Tunnelling and bolting drilling tools

Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión


R25 (1")


Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada


Extension rod Verlängerungsstange Tige allonges Barra de extensión	L		Part No. Artikel Nr. N° de réf. Cat. N°				
	[mm]	[ft in]					
R25 – Hex 25 – R25 / Flushing hole Ø 8.6 mm (Ø 11/32") 	610	2'	A47199				
	915	3'	A14943				
	1000	3' 3"	A14950				
	1220	4'	A14944				
	1500	4' 11"	A14952				
	1525	5'	A41565				
	1830	6'	A14946				
	2100	6' 10-5/8"	A14949				
	2435	8'	A14947				
	3050	10'	A14926				
	3660	12'	A41560				
	4305	14' 1-1/2"	A47086				
	R32 – Hex 25 – R25 / Flushing hole Ø 8.6 mm (Ø 11/32") 	610	2'	A11552			
		1830	6'	A43803			
2130		7'	A11165				
2475		8' 1-1/2"	A11166				
2600		8' 6"	A43643				
2795		9' 2"	A43873				
2895		9' 6"	A43602				
3090		10' 1-1/2"	A11167				
3700		12' 1-1/2"	A11553				
4005		13' 1-1/2"	A43644				
R32 – Hex 28 – R25 / Flushing hole Ø 8.8 mm (Ø 11/32") 	4305	14' 1-1/2"	A11554				
	2475	8' 1-1/2"	A47274				
	2600	8' 6"	A47074				
	2795	9' 2"	A47289				
	2850	9' 4"	A43735				
	3090	10' 1-1/2"	A47068				
	3700	12' 1-1/2"	A47069				
	4005	13' 1-1/2"	A47272				
R38 – Hex 28 – R25 / Flushing hole Ø 8.8 mm (Ø 11/32") 	4305	14' 1-1/2"	A47314				
	2000	6' 7"	A47266				
	3090	10' 1-1/2"	A43731				
	3700	12' 1-1/2"	A43776				
	4050	13' 3-1/2"	A43971				
4305	14' 1-1/2"	A47313					
Coupling Muffe Manchon Acople 	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°	
		[mm]	[in]	[mm]	[in]		
	R25	33	1 5/16"	150	5 29/32"	A13330	
	R25	35	1 3/8"	150	5 29/32"	A13332	
	R32	42	1 21/32"	150	5 29/32"	A13309	
	R32	44	1 23/32"	150	5 29/32"	A13308	
	R38	55	2 5/32"	170	6 11/16"	A13302	
	Full bridge / Mittelsteg / Nervure centrale / Nervio central 	R25	35	1 3/8"	200	7 7/8"	A17233
		R32	44	1 23/32"	200	7 7/8"	A17234
		R38	55	2 5/32"	210	8 1/4"	A41687

R25 (1")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada

Coupling adapter / Full bridge Übergangsmuffe / Mittelsteg Manchon d'adaptation / Nervure centrale Acople adaptador / Nervio central	Thread / Gewinde Filet / Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R22	R25	35	1 3/8"	165	6 1/2"	A48504
	R25	R28	39	1 17/32"	170	6 11/16"	A48505
	R25	R32	44	1 23/32"	200	7 7/8"	A17235
	R25	R38	55	2 5/32"	170	6 11/16"	A41690
	R25	T38	55	2 5/32"	170	6 11/16"	A41695

Bit adapter Übergangsstück Manchon d'adaptation Adaptador de broca	Thread Gewinde Filet Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R25	R28	44	1 23/32"	185	7 9/32"	A11424
	R25	R32	44	1 23/32"	185	7 9/32"	A11425
	R28	R25	44	1 23/32"	185	7 9/32"	A48696
	R32	R25	44	1 23/32"	210	8 1/4"	A11428

Shank rod Einsteckstange Tige d'emmanchement Barra con espiga	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[in]	[mm]	[in]	
					

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Tunnelling and bolting drilling tools

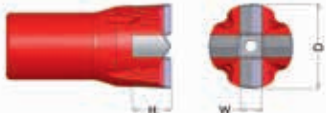
Tunnel - Untertagebohräusrüstung / Equipement de rallonge / Varillaje de extensión



R28 (1 1/8")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada







Bit Bohrkrone Taillant Broca	Carbide design	Carbide dimension Hartmetallabmessung Dimension métal dur Dimension metal duro				D		Flushing hole Spüllöcher trou d'injection Agujeros de Lavado		Part No. Artikel Nr. N° de réf. Cat. N°		
		Gauge / Umfang diamètre / diámetro		Front / Stirnseite front / frente		[mm]	[in]	Front / Side				
		[No.]	[mm]	[No.]	[mm]							
Button bit / Stiftbohrkrone Taillant à boutons métal dur Broca de botones 	1)	HEM	5	8	2	7	36	1 13/32"	1	3	A44792	
	1)	BAL	5	8	2	7	36	1 13/32"	1	1	A44990	
	1)	HEM	5	8	2	8	38	1 1/2"	1	3	A44664	
	1)	BAL	5	8	2	8	38	1 1/2"	1	3	A44633	
	1)	BAL	5	9	2	7	38	1 1/2"	1	1	A44727	
	1)	HEM	5	9	2	9	41	1 5/8"	1	1	A44628	
	1)	BAL	5	9	2	9	41	1 5/8"	1	1	A44656	
		HEM	5	9.5	2	8	43	1 11/16"	1	1	A44994	
		BAL	5	9.5	2	8	43	1 11/16"	1	1	A44661	
		HEM	5	10	2	9	45	1 3/4"	1	1	A44729	
		BAL	5	10	2	9	45	1 3/4"	1	1	A44563	
		HEM	5	11	2	9	48	1 7/8"	1	1	A44887	
	B2 		HEM	6	8	2	8	43	1 11/16"	2	0	A44807
			BAL	6	8	2	8	43	1 11/16"	2	0	A44713
			BAL	6	9	2	9	45	1 3/4"	2	0	A44826
B 		BAL	6	8	3	7	41	1 5/8"	3	1	A41176	
		BAL	6	9	3	7	43	1 11/16"	3	1	A41177	
		HEM	6	9	3	8	45	1 3/4"	3	1	A44564	
		BAL	6	9	3	8	45	1 3/4"	3	1	A44662	
		HEM	6	9	3	9	48	1 7/8"	3	1	A44683	
		BAL	6	9	3	9	48	1 7/8"	3	1	A44698	
		HEM	6	10	3	9.5	51	2"	3	1	A44753	
B3		BAL	6	10	3	9.5	51	2"	3	1	A44699	

		Width / Breite largeur / ancho W [mm]		Height / Höhe hauteur / alto H [mm]				
Cross design multi use / Kreuzschneide Mehrweg Taillant en croix reutilisable / Broca en cruz uso multiple 	1)	8	14	35	1 3/8"	1	4	A49696
	1)	8	14	38	1 1/2"	1	4	A49604
	1)	8	14	41	1 5/8"	1	4	A49605
		8	14	45	1 3/4"	1	4	A49607

1) = Only for single rod drilling / Nur für das Bohren mit einer Stange geeignet / Uniquement propre au forage à l'aide d'un seul tige
Solamente para perforación con una barra


R28 (1 1/8")


Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada


Extension rod Verlängerungsstange Tige allonges Barra de extensión	L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[ft in]	
R28 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	610	2'	A47235
	915	3'	A47236
	1220	4'	A47237
	1525	5'	A47156
	1830	6'	A47308
	2435	8'	A47261
	3050	10'	A47092
	3660	12'	A47295
	3700	12' 1-1/2"	A41541
	4005	13' 1-1/2"	A47259
R32 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	1220	4'	A17473
	1525	5'	A43775
	2475	8' 1-1/2"	A47072
	2590	8' 6"	A43720
	2795	9' 2"	A47340
	3090	10' 1-1/2"	A41634
	3400	11' 2"	A47390
	3700	12' 1-1/2"	A41635
	4005	13' 1-1/2"	A41636
	4305	14' 1-1/2"	A41632
R38 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	2475	8' 1-1/2"	A47341
	3090	10' 1-1/2"	A47176
	3700	12' 1-1/2"	A41637
	4305	14' 1-1/2"	A41633
T38 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	2475	8' 1-1/2"	A41644
	3090	10' 1-1/2"	A41643
	3300	10' 10"	A41642
	3700	12' 1-1/2"	A41640
	4305	14' 1-1/2"	A41641
R38 – Hex 32 – R28 / Flushing hole Ø 9.6 mm (Ø 3/8") 	3090	10' 1-1/2"	A47175
	3700	12' 1-1/2"	A47145
	4005	13' 1-1/2"	A47302
	4305	14' 1-1/2"	A47146
	4915	16' 1-1/2"	A47231
	5525	18' 1-1/2"	A47331
T38 – Hex 32 – R28 / Flushing hole Ø 9.6 mm (Ø 3/8") 	2475	8' 1-1/2"	A47090
	3090	10' 1-1/2"	A47091
	3400	11' 2"	A43634
	3700	12' 1-1/2"	A47088
	4305	14' 1-1/2"	A43978
	4915	16' 1-1/2"	A43758
	5150	16' 10-3/4"	A47458
	5525	18' 1-1/2"	A43714

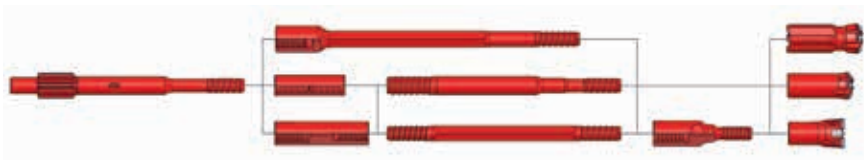
R28 (1 1/8")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada




Coupling Muffe Manchon Acople	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
		[mm]	[in]	[mm]	[in]	
	R28	39	1 17/32"	150	5 29/32"	A41661
	R32	42	1 21/32"	150	5 29/32"	A13309
	R32	44	1 23/32"	150	5 29/32"	A13308
	R38	55	2 5/32"	170	6 11/16"	A13302
	T38	52	2 3/64"	190	7 1/2"	A41669
	T38	55	2 5/32"	190	7 1/2"	A14844
Full bridge / Mittelsteg / Nervure centrale Nervio central	R28	39	1 17/32"	160	6 5/16"	A41659
	R32	44	1 23/32"	200	7 7/8"	A17234
	R38	55	2 5/32"	210	8 1/4"	A41687
	T38	55	2 5/32"	205	8 1/16"	A41670

Coupling adapter / Full bridge Übergangsmuffe / Mittelsteg Manchon d'adaptation / Nervure centrale Acople adaptador / Nervio central	Thread / Gewinde Filet / Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R25	R28	39	1 17/32"	170	6 11/16"	A48505
	R28	R32	44	1 23/32"	170	6 11/16"	A48506
	R28	T38	55	2 5/32"	170	6 11/16"	A48517

Bit adapter Übergangsstück Manchon d'adaptation Adaptador de broca	Thread / Gewinde Filet / Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R25	R28	44	1 23/32"	185	7 9/32"	A11424
	R28	R25	44	1 23/32"	185	7 9/32"	A48696
	R28	R32	44	1 23/32"	185	7 9/32"	A11427



R32 (1 1/4")
Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada

Bit Bohrkrone Taillant Broca	Carbide dimension Hartmetallabmessung Dimension métal dur Dimensión metal duro						D		Flushing hole Spüllöcher trou d'injection Agujeros de Lavado		Part No. Artikel Nr. N° de réf. Cat. N°	
	Carbide design	Gauge / Umfang diamètre / diámetro		Front / Stirnseite front / frente		[mm]	[in]	Front / Side				
		[No.]	[mm]	[No.]	[mm]							
Button bit / Stiftbohrkrone Taillant à boutons métal dur Broca de botones 	1)	HEM	5	9	2	9	41	1 5/8"	1	1	A44649	
	1)	BAL	5	9	2	9	41	1 5/8"	1	1	A44650	
	1)	HEM	5	9.5	2	8	43	1 11/16"	1	1	A44636	
	1)	CP	5	9.5	2	8	43	1 11/16"	1	1	A44267	
	1)	BAL	5	9.5	2	9	43	1 11/16"	1	1	A44648	
	1)	HEM	5	10	2	9	45	1 3/4"	1	1	A44652	
	1)	BAL	5	10	2	9	45	1 3/4"	1	1	A44651	
		HEM	5	11	2	9	48	1 7/8"	1	1	A44530	
		HEM	5	11	2	9	48	1 7/8"	1	2	A44529	
		BAL	5	11	2	9	48	1 7/8"	1	2	A44659	
		HEM	5	12.7	2	9.5	51	2"	1	1	A44757	
		BAL	5	11	2	10	51	2"	1	1	A44567	
	B2 	1)	HEM	6	8	2	8	41	1 5/8"	2	0	A44803
		1)	HEM	6	8	2	8	41	1 5/8"	2	1	A44346
		1)	BAL	6	8	2	8	41	1 5/8"	2	1	A44347
1)		HEM	6	8	2	8	43	1 11/16"	2	0	A44716	
1)		BAL	6	8	2	8	43	1 11/16"	2	0	A44717	
1)		BAL	6	9	2	9	43	1 11/16"	2	2	A16053	
1)		HEM	6	9	2	9	45	1 3/4"	2	0	A44740	
1)		BAL	6	9	2	9	45	1 3/4"	2	0	A44755	
		HEM	6	9.5	2	9.5	48	1 7/8"	2	0	A44718	
		BAL	6	9.5	2	9.5	48	1 7/8"	2	0	A44798	
		HEM	6	11	2	9	51	2"	2	0	A44453	
		BAL	6	11	2	9	51	2"	2	2	A44827	
B 		1)	HEM	6	9	3	7	43	1 11/16"	3	1	A44324
		1)	BAL	6	9	3	7	43	1 11/16"	3	1	A44325
		1)	HEM	6	9	3	8	45	1 3/4"	3	1	A44675
	1)	HEM	6	10	3	8	45	1 3/4"	3	1	A44726	
	1)	CP	6	10	3	8	45	1 3/4"	3	1	A44273	
	1)	BAL	6	9	3	8	45	1 3/4"	3	1	A44704	
	1)	BAL	6	10	3	8	45	1 3/4"	3	1	A44728	
		HEM	6	9	3	9	48	1 7/8"	3	1	A44690	
		HEM	6	10	3	8	48	1 7/8"	3	1	A44694	
		CP	6	10	3	8	48	1 7/8"	3	1	A44265	
		BAL	6	9	3	9	48	1 7/8"	3	1	A44787	
		BAL	6	10	3	8	48	1 7/8"	3	1	A44322	
		HEM	6	10	3	9.5	51	2"	3	1	A44756	
		HEM	6	11	3	9	51	2"	3	1	A44712	
		CP	6	10	3	9.5	51	2"	3	1	A44323	
		BAL	6	10	3	9.5	51	2"	3	1	A44802	
		BAL	6	10	3	9.5	54	2 1/8"	3	1	A44197	
		HEM	6	10	3	10	57	2 1/4"	3	1	A44730	
		BAL	6	10	3	10	57	2 1/4"	3	1	A44791	
		HEM	6	11	3	11	64	2 1/2"	3	1	A44544	
	B3	BAL	6	11	3	11	64	2 1/2"	3	1	A44570	



1) = Only for single rod drilling / Nur für das Bohren mit einer Stange geeignet / Uniquement propre au forage à l'aide d'un seul tige
Solamente para perforación con una barra

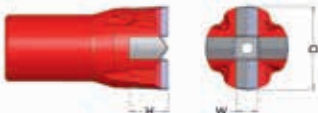
Tunnelling and bolting drilling tools

Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión

R32 (1 1/4")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada






Bit Bohrkrone Taillant Broca	Carbide dimension Hartmetallabmessung Dimension métal dur Dimension metal duro						D		Flushing hole Spüllöcher trou d'injection Agujeros de Lavado		Part No. Artikel Nr. N° de réf. Cat. N°
	Carbide design	Gauge / Umfang diamètre / diámetro		Front / Stirnseite front / frente		[mm]	[in]	Front / Side			
		[No.]	[mm]	[No.]	[mm]						
Button bit / Stiftbohrkrone Taillant à boutons métal dur Broca de botones 	1)	HEM	6	10	3	8	43	1 11/16"	3	1	A44175
	1)	CP	6	9	3	7	43	1 11/16"	3	1	A44218
	1)	BAL	6	9	3	7	43	1 11/16"	3	1	A16147
	1)	HEM	6	10	3	8	45	1 3/4"	3	1	A44247
	1)	CP	6	10	3	8	45	1 3/4"	3	1	A44249
	1)	BAL	6	10	3	8	45	1 3/4"	3	1	A44248
		HEM	6	10	3	8	48	1 7/8"	3	1	A44230
		CP	6	10	3	8	48	1 7/8"	3	1	A44219
		BAL	6	10	3	8	48	1 7/8"	3	1	A44231
		BAL	6	9	3	8	45	1 3/4"	3	1	A16137
B6 		HEM	6	9	3	9	48	1 7/8"	3	1	A44540
		BAL	6	9	3	9	48	1 7/8"	3	1	A44542
		HEM	6	10	3	9.5	51	2"	3	1	A41174
		BAL	6	10	3	9.5	51	2"	3	1	A44758
		BAL	6	10	3	9.5	54	2 1/8"	3	1	A44216
		HEM	6	10	3	10	57	2 1/4"	3	1	A41173
		BAL	6	10	3	10	57	2 1/4"	3	1	A44806
		BAL	6	10	3	10	57	2 1/4"	3	1	A44806
Flat Face / Retrac		BAL	6	10	3	10	57	2 1/4"	3	1	A44806

		Width / Breite largeur / ancho W [mm]		Height / Höhe hauteur / alto H [mm]				
Cross design multi use / Kreuzschneide Mehrweg Taillant en croix reutilisable Broca en cruz uso multiple 	1)	9.5	19	41	1 5/8"	1	4	A49608
	1)	9.5	19	43	1 11/16"	1	4	A49614
	1)	11.5	19	45	1 3/4"	1	4	A49615
	1)	9.5	19	48	1 7/8"	1	4	A49616
		9.5	19	51	2"	1	4	A49617
		9.5	19	57	2 1/4"	1	4	A49618
		12.7	25	76	3"	1	4	A49670

1) = Only for single rod drilling / Nur für das Bohren mit einer Stange geeignet / Uniquement propre au forage à l'aide d'un seul tige
Solamente para perforación con una barra

R32 (1 1/4")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada





Tunnelling rod Tunnelstange Tige tunnels Barra de túnel	L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[ft in]	
R32 – Hex 32 – R32 / Flushing hole Ø 9.6 mm (Ø 3/8") 	1500	4' 11"	A41598
	2350	7' 8-1/2"	A47421
	2475	8' 1-1/2"	A47089
	2795	9' 2"	A41585
	3090	10' 1-1/2"	A47100
	3400	11' 2"	A41579
	3700	12' 1-1/2"	A41646
	4005	13' 1-1/2"	A47218
	4305	14' 1-1/2"	A41622
	4915	16' 1-1/2"	A43905
	R38 – Hex 32 – R32 / Flushing hole Ø 9.6 mm (Ø 3/8") 	1570	5' 2"
1800		5' 11"	A43739
2200		7' 2-1/2"	A47202
2475		8' 1-1/2"	A47307
3090		10' 1-1/2"	A47058
3700		12' 1-1/2"	A47059
4005		13' 1-1/2"	A47154
4305		14' 1-1/2"	A47060
4610		15' 1-1/2"	A11142
4915		16' 1-1/2"	A47061
R38 – Hex 35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	3090	10' 1-1/2"	A47198
	3700	12' 1-1/2"	A47165
	4005	13' 1-1/2"	A47288
	4305	14' 1-1/2"	A47148
	4915	16' 1-1/2"	A47149
	5525	18' 1-1/2"	A47179
R38 – Rd 39 – R32 / Flushing hole Ø 10.3 mm (Ø 37/64") 	1830	6'	A43657
	4305	14' 1-1/2"	A43750
	4915	16' 1-1/2"	A43764
T38 – Hex 32 – R32 / Flushing hole Ø 9.6 mm (Ø 3/8") 	2475	8' 1-1/2"	A43765
	2600	8' 6"	A47319
	3090	10' 1-1/2"	A11383
	3400	11' 2"	A43871
	3700	12' 1-1/2"	A11384
	4005	13' 1-1/2"	A47306
	4305	14' 1-1/2"	A11386
	4915	16' 1-1/2"	A11388
	5525	18' 1-1/2"	A47177

Tunnelling and bolting drilling tools

Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión


R32 (1 1/4")


Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada


Tunnelling rod Tunnelstange Tige tunnels Barra de túnel	L		Part No. Artikel Nr. N° de réf. Cat. N°		
	[mm]	[ft in]			
T38 – Hex 35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	2200	7' 2-1/2"	A47160		
	2475	8' 1-1/2"	A43612		
	3090	10' 1-1/2"	A43743		
	3700	12' 1-1/2"	A47161		
	4305	14' 1-1/2"	A47150		
	4460	14' 7-1/2"	A43746		
	4915	16' 1-1/2"	A47151		
	5525	18' 1-1/2"	A47204		
	6140	20' 1-1/2"	A47209		
	6400	21'	A43627		
T38 – Rd 39 – R32 / Flushing hole Ø 14.5 mm (Ø 37/64") 	4305	14' 1-1/2"	A43987		
	4915	16' 1-1/2"	A43604		
	5525	18' 1-1/2"	A43605		
	6140	20' 1-1/2"	A43635		
	6400	21'	A43631		
MF-Rod R38F – H35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[in]	[mm]	[ft in]	
MF-Rod T38F – H35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	56	2 7/32"	3700	12' 1-1/2"	A47467
	56	2 7/32"	4915	16' 1-1/2"	A47466
MF-Rod T38F – H35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8")	56	2 7/32"	3090	10' 1-1/2"	A47332
	56	2 7/32"	3700	12' 1-1/2"	A47297
	56	2 7/32"	4305	14' 1-1/2"	A47300
	56	2 7/32"	4915	16' 1-1/2"	A47301
	56	2 7/32"	5525	18' 1-1/2"	A47246
	56	2 7/32"	6140	20' 1-1/2"	A47380

R32 (1 1/4")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada

Coupling Muffe Manchon Acople	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
		[mm]	[in]	[mm]	[in]	
	R32	42	1 21/32"	150	5 29/32"	A13309
	R32	44	1 23/32"	150	5 29/32"	A13308
	R38	55	2 5/32"	170	6 11/16"	A13302
	T38	52	2 3/64"	190	7 1/2"	A41669
	T38	55	2 5/32"	190	7 1/2"	A14844
Full bridge / Mittelsteg / Nervure centrale / Nervio central	R32	44	1 23/32"	200	7 7/8"	A17234
	R38	55	2 5/32"	210	8 1/4"	A41687
	T38	55	2 5/32"	190	7 1/2"	A41677
	T38	55	2 5/32"	205	8 1/16"	A41670

Coupling adapter / Full bridge Übergangsmuffe / Mittelsteg Manchon d'adaptation / Nervure centrale Acople adaptador / Nervio central	Thread Gewinde Filet Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R25	R32	44	1 23/32"	200	7 7/8"	A17235
	R28	R32	44	1 23/32"	170	6 11/16"	A48506
	R32	T35	49	1 29/32"	170	6 11/16"	A48516
	R32	R38	55	2 5/32"	205	8 1/16"	A17236
	R32	T38	55	2 5/32"	205	8 1/16"	A41675
	R32	T45	63	2 15/32"	215	8 15/32"	A41680

Bit adapter Übergangsstück Manchon d'adaptation Adaptador de broca	Thread Gewinde Filet Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R25	R32	44	1 23/32"	185	7 9/32"	A11425
	R28	R32	44	1 23/32"	185	7 9/32"	A11427
	R32	R25	44	1 23/32"	210	8 1/4"	A11428
	R32	T32	44	1 23/32"	270	10 5/8"	A48534
	R32	R38	44	1 23/32"	270	10 5/8"	A11426
	R32	T38	44	1 23/32"	270	10 5/8"	A48585
	R32	T45	44	1 23/32"	360	14 3/16"	A41694
	R35	R32	55	2 5/32"	280	11 1/32"	A48708
	R38	R32	55	2 5/32"	280	11 1/32"	A48645
	T38	R32	55	2 5/32"	280	11 1/32"	A48586

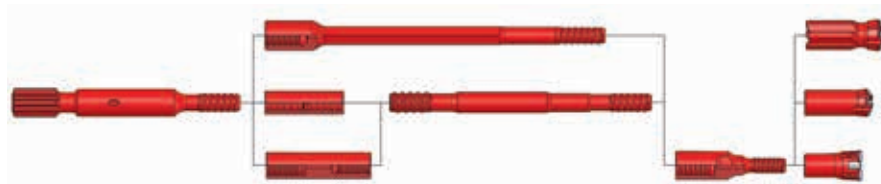
Shank rod Einsteckstange Tige d'emmanchement Barra con espiga	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[in]	[mm]	[in]	



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Tunnelling and bolting drilling tools

Tunnel - Untertagebohräusrüstung / Equipement de rallonge / Varillaje de extensión



R35 (1 3/8")




Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada


Bit Bohrkrone Taillant Broca	Carbide dimension Hartmetallabmessung Dimension métal dur Dimension metal duro						D		Flushing hole Spüllöcher trou d'injection Agujeros de Lavado		Part No. Artikel Nr. N° de réf. Cat. N°
	Carbide design	Gauge / Umfang diamètre / diámetro		Front / Stirnseite front / frente		[mm]	[in]	Front / Side			
		[No.]	[mm]	[No.]	[mm]						
Button bit / Stiftbohrkrone Taillant à boutons métal dur Broca de botones	HEM	5	11	2	9	48	1 7/8"	1	2	A44454	
	BAL	5	11	2	9	48	1 7/8"	1	1	A44123	
	HEM	5	12.7	2	9.5	51	2"	1	2	A44455	
	BAL	5	12.7	2	9.5	51	2"	1	2	A44268	
B2	BAL	6	9.5	3	8	45	1 3/4"	3	1	A44151	
	HEM	6	9	3	9	48	1 7/8"	3	1	A44833	
B3	BAL	6	9	3	9	48	1 7/8"	3	1	A44911	
	BAL	6	10	3	9	48	1 7/8"	3	1	A44381	
	HEM	6	10	3	9.5	51	2"	3	1	A44834	
	BAL	6	10	3	9.5	51	2"	3	1	A44913	
	BAL	6	10	3	10	57	2 1/4"	3	1	A44479	
	HEM	6	10	3	8	45	1 3/4"	3	1	A44159	
B6	BAL	6	10	3	8	48	1 7/8"	3	1	A44171	
	CP	6	10	3	8	48	1 7/8"	3	1	A44240	
	BAL	6	10	3	9.5	51	2"	3	1	A16018	
Flat Face / Retrac	BAL	6	10	3	9.5	54	2 1/8"	3	1	A44152	
	Flat Face / Retrac										
Tunnelling rod Tunnelstange Tige tunnels Barra de túnel						L				Part No. Artikel Nr. N° de réf. Cat. N°	
						[mm]	[ft in]				
R38 – Hex 35 – R35 / Flushing hole Ø 9.5 mm (Ø 3/8")						3700	12' 1-1/2"			A43883	
						4305	14' 1-1/2"			A43854	
						4915	16' 1-1/2"			A43855	
						5530	18' 1-1/2"			A43816	

R35 (1 3/8")

Bit Thread / Kronengewinde

Filetage de Taillant / Broca roscada

Tunnelling rod Tunnelstange Tige tunnels Barra de túnel	L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[ft in]	
R38 – Rd 39 – R35 / Flushing hole Ø 14.5 mm (Ø 37/64") 	4305	14' 1-1/2"	A43919
	4915	16' 1-1/2"	A43681
	5525	18' 1-1/2"	A43682
T38 – Hex 35 – R35 / Flushing hole Ø 9.5 mm (Ø 3/8") 	3090	10' 1-1/2"	A43951
	3700	12' 1-1/2"	A43941
	4305	14' 1-1/2"	A43856
	4915	16' 1-1/2"	A43857
	5525	18' 1-1/2"	A43721
	6140	20' 1-1/2"	A43633
	6400	21'	A43601
T38 – Rd 39 – R35 / Flushing hole Ø 14.5 mm (Ø 37/64") 	4305	14' 1-1/2"	A43763
	4915	16' 1-1/2"	A43920
	5525	18' 1-1/2"	A43761
	6140	20' 1-1/2"	A43737
	6400	21'	A43785



	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[in]	[mm]	[ft in]	
MF-rod T38F – Hex 35 – R35 / Flushing hole Ø 9.5 mm (Ø 3/8") 	56	2 7/32"	3700	12' 1-1/2"	A43848
	56	2 7/32"	4310	14' 1-1/2"	A43849
	56	2 7/32"	4915	16' 1-1/2"	A43852
	56	2 7/32"	5525	18' 1-1/2"	A43853
	56	2 7/32"	6140	20' 1-1/2"	A43866

Tunnelling and bolting drilling tools


Tunnel - Untertagebohräusrüstung / Equipement de rallonge / Varillaje de extensión


R35 (1 3/8")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada

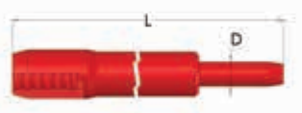
Coupling Muffe Manchon Acople	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
		[mm]	[in]	[mm]	[in]	
	R38	55	2 5/32"	170	6 11/16"	A13302
	T38	52	2 3/64"	190	7 1/2"	A41669
	T38	55	2 5/32"	190	7 1/2"	A14844
Full bridge / Mittelsteg / Nervure centrale Nervio central	R38	55	2 5/32"	210	8 1/4"	A41687
	T38	55	2 5/32"	205	8 1/16"	A41670
						

Bolting couplings / Ankersezmuffen

Coupling Muffe Manchon Acople	Thread Gewinde Filet Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
Full bridge / Mittelsteg Nervure centrale / Nervio central 	R32	R32	44	1 23/32"	200	7 7/8"	A17234
	R32	R38	55	2 5/32"	205	8 1/16"	A17236
	R32	T38	55	2 5/32"	205	8 1/16"	A41675
	R32	T45	63	2 15/32"	215	8 15/32"	A41680
	R32	R51	72	2 13/16"	235	9 1/4"	A48549
	R38	R38	55	2 5/32"	210	8 1/4"	A41687
	R38	T38	55	2 5/32"	205	8 1/16"	A41655
	R38	T45	63	2 15/32"	215	8 15/32"	A41667
	R38	R51	72	2 13/16"	235	9 1/4"	A48514
	R51	T38	72	2 13/16"	235	9 1/4"	A48507
	R51	T45	72	2 13/16"	235	9 1/4"	A48513
	R51	T51	72	2 13/16"	225	8 7/8"	A48523

Coupling Muffe Manchon Acople	Thread Gewinde Filet Rosca	Inside diameter Innendurch- messer	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
			A	B	[mm]	[in]	
	R32	Ø40	55	2 5/32"	300	11 13/16"	A17565
	R38	Ø40	55	2 5/32"	300	11 13/16"	A17611
	R38	Ø50	66	2 19/32"	170	6 11/16"	A17331
	T38	Ø42	55	2 5/32"	175	6 7/8"	A17609
	T38	Ø42	63	2 15/32"	300	11 13/16"	A17824

Split Set drivers / Ankerseztadapler

Coupling adapter Übergangsmuffe Manchon d'adaptation Acople adaptador	Thread Gewinde Filet Rosca	Split Set Type	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
			[mm]	[in]	[mm]	[in]	
	R32	33	26	1 1/32"	210	8 1/4"	A17350
	R38	33	26	1 1/32"	210	8 1/4"	A17351
	R32	39	30	1 3/16"	400	1' 4"	A17959
	R38	39	33	1 5/16"	175	6 7/8"	A17972
	R38	39	34	1 11/32"	490	1' 7-1/4"	A17860
	R38	39	30	1 3/16"	690	2' 3-1/8"	A17869
	T38	39	30	1 3/16"	690	2' 3-1/8"	A17870
	T38	39	33	1 5/16"	175	6 7/8"	A17957
	R32	46	35	1 3/8"	900	2' 11-1/2"	A17962
	R38	46	38	1 1/2"	900	2' 11-1/2"	A17883
	T38	46	37	1 29/64"	490	1' 7-1/4"	A17845