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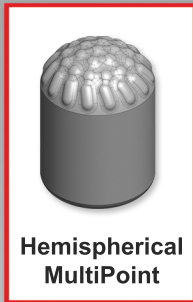
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## Carbide Design Selection



**ROCK MORE**  
INTERNATIONAL  
Rock Drilling Tools

TUNNELING AND BOLTING TOOLS

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.

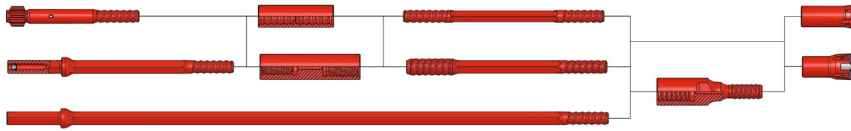
Las medidas de las Broca con placas son 1 mm más grandes que las medidas del catálogo.

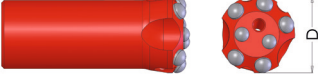
Las medidas de las Broca con botones son 1-2 mm más grandes que las medidas del catálogo.

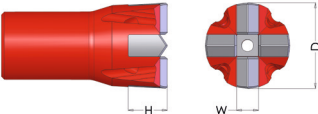


## R25 (1")

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	A44188

		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	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	


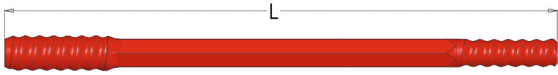


1) = Only for single rod drilling / Nur für das Bohren mit einer Stange geeignet / Uniquement propre au forage à l'aide d'un seul tige  
Solamente para perforación con una barra

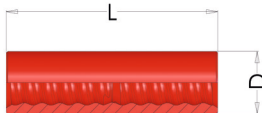
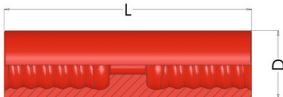
# Tunnelling and bolting drilling tools

Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión

## R25 (1")

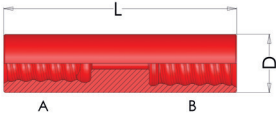
Bit Thread / Kronengewinde  
Filetage de Taillant / Broca roscada

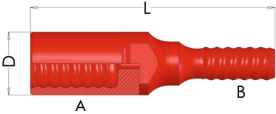
Extension rod Verlängerungsstange Tige allonges Barra de extensión	L		Part No. Artikel Nr. N° de réf. Cat. N°	
	[mm]	[ft in]		
R25 – Hex 25 – R25 / Flushing hole Ø 8.6 mm (Ø 11/32") 	610	2'	A47199	
	915	3'	A14943	
	1000	3' 3"	A14950	
	1220	4'	A14944	
	1500	4' 11"	A14952	
	1525	5'	A41565	
	1830	6'	A14946	
	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

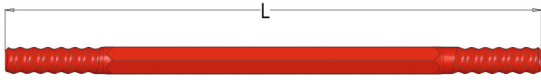
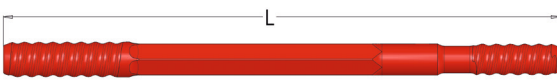

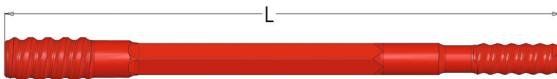
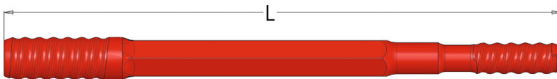
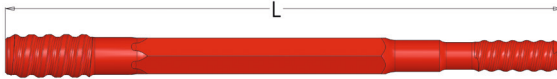
Bit adapter Übergangsstück Manchon d'adaptation Adaptador de broca	Thread Gewinde Filet Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R25	R28	44	1 23/32"	185	7 9/32"	A11424
	R25	R32	44	1 23/32"	185	7 9/32"	A11425
	R28	R25	44	1 23/32"	185	7 9/32"	A48696
	R32	R25	44	1 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]	
	See page / Siehe Seiten voir page / ver página _____ 97				



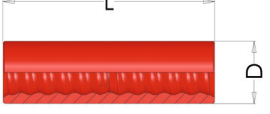
## R28 (1 1/8")

Bit Thread / Kronengewinde  
Filetage de Taillant / Broca roscada

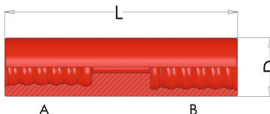
Extension rod Verlängerungsstange Tige allonges Barra de extensión	L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[ft in]	
R28 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	610	2'	A47235
	915	3'	A47236
	1220	4'	A47237
	1525	5'	A47156
	1830	6'	A47308
	2435	8'	A47261
	3050	10'	A47092
	3660	12'	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

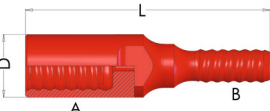
## R28 (1 1/8")

Bit Thread / Kronengewinde  
Filetage de Taillant / Broca roscada

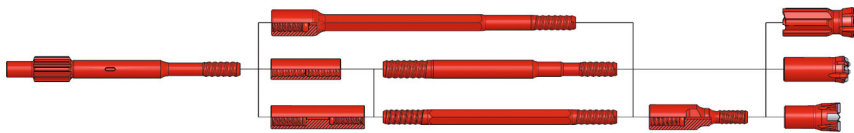
Coupling Muffe Manchon Acople	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
		[mm]	[in]	[mm]	[in]	
	R28	39	1 17/32"	150	5 29/32"	A41661
	R32	42	1 21/32"	150	5 29/32"	A13309
	R32	44	1 23/32"	150	5 29/32"	A13308
	R38	55	2 5/32"	170	6 11/16"	A13302
	T38	52	2 3/64"	190	7 1/2"	A41669
T38	55	2 5/32"	190	7 1/2"	A14844	

Full bridge / Mittelsteg / Nervure centrale Nervio central	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°		
		[mm]	[in]	[mm]	[in]			
		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			

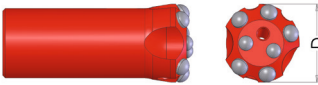
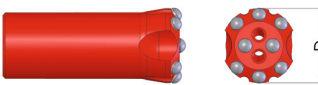
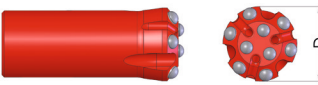
Coupling adapter / Full bridge Übergangsmuffe / Mittelsteg Manchon d'adaptation / Nervure centrale Acople adaptador / Nervio central	Thread / Gewinde Filet / Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R25	R28	39	1 17/32"	170	6 11/16"	A48505
	R28	R32	44	1 23/32"	170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

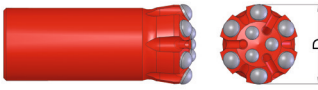
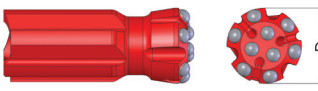
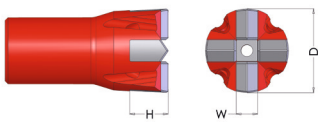
1) = Only for single rod drilling / Nur für das Bohren mit einer Stange geeignet / Uniquement propre au forage à l'aide d'un seul tige  
Solamente para perforación con una barra

# Tunnelling and bolting drilling tools

Tunnel - Untertagebohräusrüstung / Equipement de rallonge / Varillaje de extensión

## R32 (1 1/4")

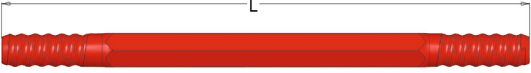



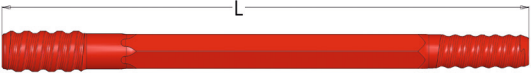
Bit Thread / Kronengewinde  
Filetage de Taillant / Broca roscada

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)	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	
	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	
Flat Face / Retrac BAL		BAL	6	10	3	10	57	2 1/4"	3	1	A44806	
			<b>Width / Breite largeur / ancho W [mm]</b>		<b>Height / Höhe hauteur / alto H [mm]</b>							
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	8' 10"	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

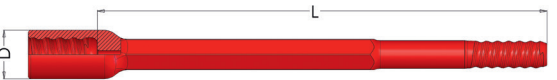

# Tunnelling and bolting drilling tools

Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión

## R32 (1 1/4")

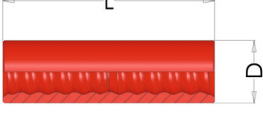
Bit Thread / Kronengewinde  
Filetage de Taillant / Broca roscada

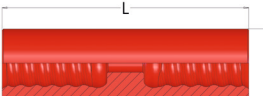
Tunnelling rod Tunnelstange Tige tunnels Barra de túnel	L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[ft in]	
T38 – Hex 35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	2475	8' 1-1/2"	A43612
	3090	10' 1-1/2"	A43743
	3700	12' 1-1/2"	A47161
	4305	14' 1-1/2"	A47150
	4460	14' 7-1/2"	A43746
	4915	16' 1-1/2"	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"
4915		16' 1-1/2"	A43604
5525		18' 1-1/2"	A43605
6140		20' 1-1/2"	A43635
6400		21'	A43631

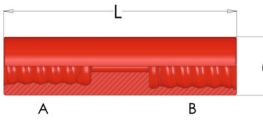
	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[in]	[mm]	[ft in]	
MF-Rod R38F – H35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	56	2 7/32"	3700	12' 1-1/2"	A47467
	56	2 7/32"	4915	16' 1-1/2"	A47466
MF-Rod T38F – H35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	56	2 7/32"	3090	10' 1-1/2"	A47332
	56	2 7/32"	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

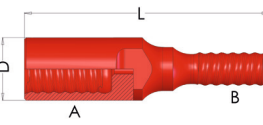
## R32 (1 1/4")


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	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
		[mm]	[in]	[mm]	[in]	
		R32	44	1 23/32"	200	
	R38	55	2 5/32"	210	8 1/4"	A41687
	T38	55	2 5/32"	205	8 1/16"	A41670

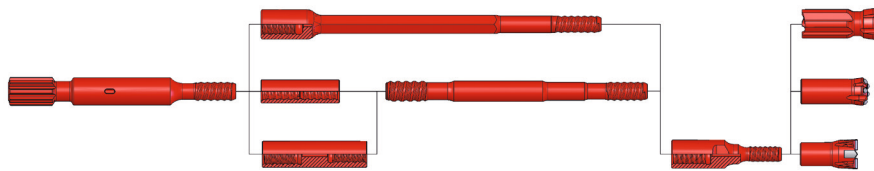
Coupling adapter / Full bridge Übergangsmuffe / Mittelsteg Manchon d'adaptation / Nervure centrale Acople adaptador / Nervio central	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°	
		A	B	[mm]	[in]		[mm]
	R25	R32	44	1 23/32"	200	7 7/8"	A17235
	R28	R32	44	1 23/32"	170	6 11/16"	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]
	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]	
					See page / Siehe Seiten voir page / ver página _____ 97

# Tunnelling and bolting drilling tools

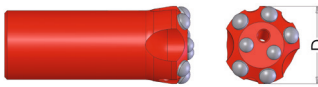
Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión



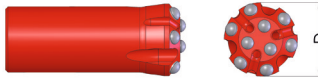
## R35 (1 3/8")

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

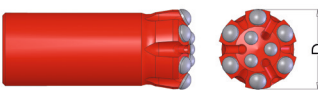


### B2



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
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

### B3






BAL	6	10	3	10	57	2 1/4"	3	1	A44479
BAL	6	10	3	8	45	1 3/4"	3	1	A44159
HEM	6	10	3	8	48	1 7/8"	3	1	A44171
CP	6	10	3	8	48	1 7/8"	3	1	A44240

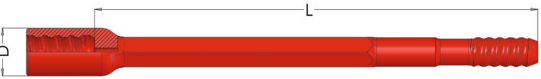
### B6

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") 	3050	10'	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

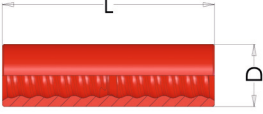
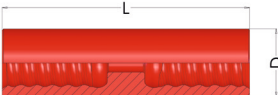
	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[in]	[mm]	[ft in]	
MF-rod T38F – Hex 35 – R35 / Flushing hole Ø 9.5 mm (Ø 3/8") 	56	2 7/32"	3700	12' 1-1/2"	A43848
	56	2 7/32"	4310	14' 1-1/2"	A43849
	56	2 7/32"	4915	16' 1-1/2"	A43852
	56	2 7/32"	5525	18' 1-1/2"	A43853
	56	2 7/32"	6140	20' 1-1/2"	A43866

## Tunnelling and bolting drilling tools

Tunnel - Untertagebohräusrüstung / Equipement de rallonge / Varillaje de extensión

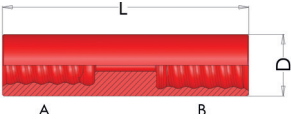
### R35 (1 3/8")

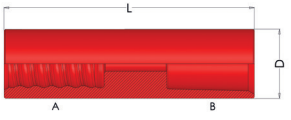
Bit Thread / Kronengewinde  
Filetage de Taillant / Broca roscada

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
						



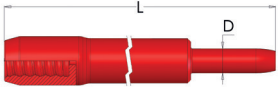
## Bolting couplings / Ankersezmuffen

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

TUNNELING AND  
BOLTING TOOLS

## Split Set drivers / Ankerseztadapter

Coupling adapter Übergangsmuffe Manchon d'adaptation Acople adaptador	Thread Gewinde Filet Rosca	Split Set	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	33	1 5/16"	175	6 7/8"	A17957
	T38	46	30	1 3/16"	690	2' 3-1/8"	A17870
	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