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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.

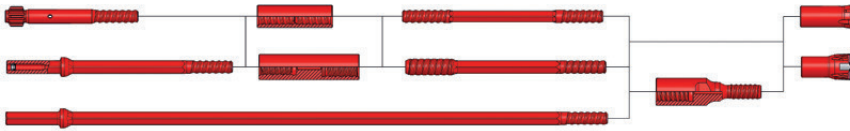
Les dimensions des taillants à plaques sont 1 mm plus grandes que celles indiquées dans le catalogue.
 Les dimensions des taillants à métal dur sont de 1 à 2 mm plus grandes que celles indiquées dans le catalogue.

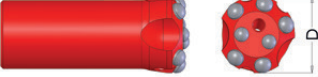
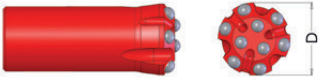
Las medidas de las Broca con placas son 1 mm más grandes que las medidas del catálogo.
 Las medidas de las Broca con botones son 1-2 mm más grandes que las medidas del catálogo.

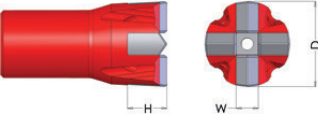


R 25 (1")

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		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	44124
	1)	BAL	5	7	2	7	32	1 1/4"	1	1	44125
	1)	HEM	5	7	2	7	33	1 5/16"	1	1	44847
	1)	BAL	5	7	2	7	33	1 5/16"	1	1	44616
	1)	HEM	5	8	2	7	35	1 3/8"	1	1	44741
	1)	BAL	5	8	2	7	35	1 3/8"	1	1	44647
	1)	HEM	5	8	2	7	36	1 13/32"	1	1	44507
		HEM	5	9	2	7	38	1 1/2"	1	1	44617
		HEM	5	9.5	2	7	38	1 1/2"	1	1	44743
		BAL	5	9	2	7	38	1 1/2"	1	1	44754
		HEM	5	9	2	9	41	1 5/8"	1	1	44673
		BAL	5	9	2	9	41	1 5/8"	1	1	44677
		HEM	5	9.5	2	8	43	1 11/16"	1	1	44623
		BAL	5	9.5	2	8	43	1 11/16"	1	1	44991
		HEM	5	10	2	9	45	1 3/4"	1	1	44602
		BAL	5	10	2	9	45	1 3/4"	1	1	44603
		HEM	5	11	2	9	48	1 7/8"	1	1	44326
		BAL	5	11	2	9	48	1 7/8"	1	1	44327
		HEM	5	11	2	10	51	2"	1	1	44328
		BAL	5	11	2	10	51	2"	1	1	44329
B2 		HEM	6	9	3	8	45	1 3/4"	3	1	44618
		BAL	6	9	3	8	45	1 3/4"	3	1	44619
		HEM	6	9	3	9	48	1 7/8"	3	1	44624
		BAL	6	9	3	9	48	1 7/8"	3	1	44625
		HEM	6	10	3	9.5	51	2"	3	1	44767
		BAL	6	10	3	9.5	51	2"	3	1	44626
		HEM	6	10	3	10	57	2 1/4"	3	1	44629
B3		BAL	6	10	3	10	57	2 1/4"	3	1	44632

		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	49673
		8	14	38	1 1/2"	1	4	49600
		8	14	41	1 5/8"	1	4	49601
		8	14	43	1 11/16"	1	4	49602
		8	14	45	1 3/4"	1	4	49603
		9.5	19	48	1 7/8"	1	4	49640
		9.5	19	51	2"	1	4	49660
		9.5	19	57	2 1/4"	1	4	49658





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

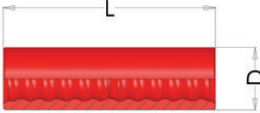
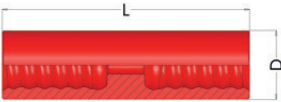
Tunnelling and bolting drilling tools

Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión

R 25 (1")

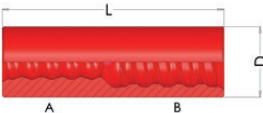
Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada

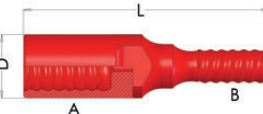
Extension rod Verlängerungsstange Tige allonges Barra de extensión	L		Part No. Artikel Nr. N° de réf. Cat. N°	
	[mm]	[ft in]		
R25 – Hex 25 – R25 / Flushing hole Ø 8.6 mm (Ø 11/32") 	610	2'	47199	
	915	3'	14943	
	1000	3' 3"	14950	
	1220	4'	14944	
	1500	4' 11"	14952	
	1525	5'	41565	
	1830	6'	14946	
	2100	6' 10 1/2"	14949	
	2435	8'	14947	
	3050	10'	14926	
	3660	12'	41560	
	4305	14' 1 1/2"	47086	
	R32 – Hex 25 – R25 / Flushing hole Ø 8.6 mm (Ø 11/32") 	610	2'	11552
		1830	6'	43803
2130		7'	11165	
2475		8' 1 1/2"	11166	
2600		8' 6"	43643	
2795		9' 2"	43873	
2895		9' 6"	43602	
3090		10' 1 1/2"	11167	
3700		12' 1 1/2"	11553	
4005		13' 1 1/2"	43644	
R32 – Hex 28 – R25 / Flushing hole Ø 8.8 mm (Ø 11/32") 	4305	14' 1 1/2"	11554	
	2475	8' 1 1/2"	47274	
	2600	8' 6"	47074	
	2795	9' 2"	47289	
	2850	9' 4"	43735	
	3090	10' 1 1/2"	47068	
	3700	12' 1 1/2"	47069	
R38 – Hex 28 – R25 / Flushing hole Ø 8.8 mm (Ø 11/32") 	4005	13' 1 1/2"	47272	
	4305	14' 1 1/2"	47314	
	2000	6' 7"	47266	
	3090	10' 1 1/2"	43731	
	3700	12' 1 1/2"	43776	

Coupling Muffe Manchon Acople	Thread Gewinde Filet Rosca	D		L		Part No. Artikel Nr. N° de réf. Cat. N°
		[mm]	[in]	[mm]	[in]	
	R 25	33	1 5/16"	150	5 29/32"	13330
	R 25	35	1 3/8"	150	5 29/32"	13332
	R 32	42	1 21/32"	150	5 29/32"	13309
	R 32	44	1 23/32"	150	5 29/32"	13308
	R 38	55	2 5/32"	170	6 11/16"	13302
Full bridge / Mittelsteg / Nervure centrale / Nervio central 	R 25	35	1 3/8"	200	7 7/8"	17233
	R 32	44	1 23/32"	200	7 7/8"	17234
	R 38	55	2 5/32"	210	8 1/4"	41687

R 25 (1")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada

Coupling adapter Übergangsmuffe Manchon d'adaptation Acople adaptador	Thread / Gewinde Filet / Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R 22	R 25	35	1 3/8"	165	6 1/2"	48504
	R 25	R 28	39	1 17/32"	170	6 11/16"	48505
	R 25	R 32	44	1 23/32"	200	7 7/8"	17235
	R 25	R 38	55	2 5/32"	170	6 11/16"	41690
	R 25	T 38	55	2 5/32"	170	6 11/16"	41695

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]	
	R 25	R 28	44	1 23/32"	185	7 9/32"	11424
	R 25	R 32	44	1 23/32"	185	7 9/32"	11425

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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voir page / ver página _____ 101







Tunnelling and bolting drilling tools

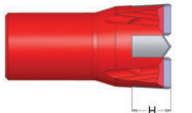
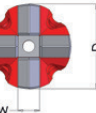
Tunnel - Untertagebohräusrüstung / Equipement de rallonge / Varillaje de extensión



R 28 (1 1/8")

Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada





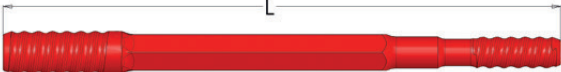

Bit Bohrkrone Taillant Broca	Carbide dimension Hartmetallabmessung Dimension métal dur Dimension metal duro						D		Flushing hole Spüllöcher		Part No. Artikel Nr. N° de réf. Cat. N°
	Carbide design	Gauge / Umfang diamètre / diámetro		Front / Stirnseite front / frente		[mm]	[in]	Front / Side			
		[No.]	[mm]	[No.]	[mm]						
Button bit / Stiftbohrkrone Taillant à boutons métal dur Broca de botones  	1) HEM	5	8	2	7	36	1 13/32"	1	1	44792	
	1) BAL	5	8	2	7	36	1 13/32"	1	3	44990	
	1) HEM	5	8	2	8	38	1 1/2"	1	3	44664	
	1) BAL	5	9	2	7	38	1 1/2"	1	1	44727	
	1) BAL	5	8	2	8	38	1 1/2"	1	3	44633	
	1) HEM	5	9	2	9	41	1 5/8"	1	1	44628	
	1) BAL	5	9	2	9	41	1 5/8"	1	1	44656	
	HEM	5	9.5	2	8	43	1 11/16"	1	1	44994	
	BAL	5	9.5	2	8	43	1 11/16"	1	1	44661	
	HEM	5	10	2	9	45	1 3/4"	1	1	44729	
	BAL	5	10	2	9	45	1 3/4"	1	1	44563	
	B2	HEM	5	11	2	9	48	1 7/8"	1	1	44887
	 	HEM	6	8	2	8	43	1 11/16"	2	0	44807
		BAL	6	8	2	8	43	1 11/16"	2	0	44713
		BAL	6	9	2	9	45	1 3/4"	2	0	44826
Flat Face  	HEM	6	9	3	8	45	1 3/4"	3	1	44564	
	BAL	6	9	3	8	45	1 3/4"	3	1	44662	
	HEM	6	9	3	9	48	1 7/8"	3	1	44683	
	BAL	6	9	3	9	48	1 7/8"	3	1	44698	
	HEM	6	10	3	9.5	51	2"	3	1	44753	
	B3	BAL	6	10	3	9.5	51	2"	3	1	44699

		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	49696
	1)	8		14		38	1 1/2"	1	4	49604
	1)	8		14		41	1 5/8"	1	4	49605
		8		14		45	1 3/4"	1	4	49607

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

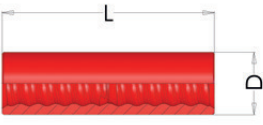
R 28 (1 1/8")

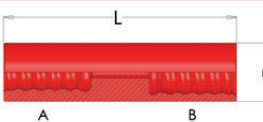
Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada

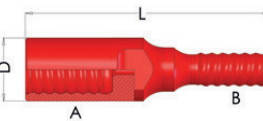
Extension rod Verlängerungsstange Tige allonges Barra de extensión	L		Part No. Artikel Nr. N° de réf. Cat. N°
	[mm]	[ft in]	
R28 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	610	2'	47235
	915	3'	47236
	1220	4'	47237
	1525	5'	47156
	1830	6'	47308
	2435	8'	47261
	3050	10'	47092
	3660	12'	47295
	3700	12' 1 1/2"	41541
	4005	13' 1 1/2"	47259
R32 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	1220	4'	17473
	1525	5'	43775
	2475	8' 1 1/2"	47072
	2590	8' 6"	43720
	2795	9' 2"	47340
	3090	10' 1 1/2"	41634
	3400	11' 2"	47390
	3700	12' 1 1/2"	41635
	4005	13' 1 1/2"	41636
	4305	14' 1 1/2"	41632
R38 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	2475	8' 1 1/2"	47341
	3090	10' 1 1/2"	47176
	3700	12' 1 1/2"	41637
	4305	14' 1 1/2"	41633
T38 – Hex 28 – R28 / Flushing hole Ø 8.8 mm (Ø 11/32") 	2475	8' 1 1/2"	41644
	3090	10' 1 1/2"	41643
	3300	10' 10"	41642
	3700	12' 1 1/2"	41640
	4305	14' 1 1/2"	41641
R38 – Hex 32 – R28 / Flushing hole Ø 9.6 mm (Ø 3/8") 	3090	10' 1 1/2"	47175
	3700	12' 1 1/2"	47145
	4005	13' 1 1/2"	47302
	4305	14' 1 1/2"	47146
	4915	16' 1 1/2"	47231
	5525	18' 1 1/2"	47331
T38 – Hex 32 – R28 / Flushing hole Ø 9.6 mm (Ø 3/8") 	2475	8' 1 1/2"	47090
	3090	10' 1 1/2"	47091
	3400	11' 2"	43634
	3700	12' 1 1/2"	47088
	4305	14' 1 1/2"	43978
	4915	16' 1 1/2"	43758
	5150	16' 10 3/4"	47458
	5525	18' 1 1/2"	43714

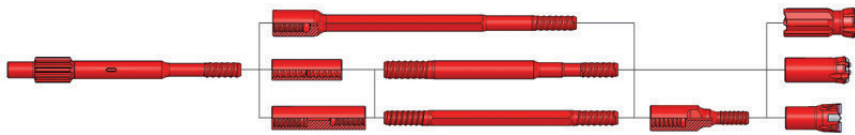
R 28 (1 1/8")

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]	
	R 28	39	1 1/2"	150	5 29/32"	41661
	R 32	42	1 17/32"	150	5 29/32"	13309
	R 32	44	1 23/32"	150	5 29/32"	13308
	R 38	55	2 11/64"	170	6 11/16"	13302
	T 38	52	2 5/32"	190	7 1/2"	41669
	T 38	55	2 11/64"	190	7 1/2"	14844
Full bridge / Mittelsteg / Nervure centrale Nervio central	R 28	39	2 5/32"	160	6 5/16"	41659
	R 32	44	1 23/32"	200	7 7/8"	17234
	R 38	55	2 5/32"	210	8 1/4"	41687
	T 38	55	2 5/32"	205	8 1/16"	41670

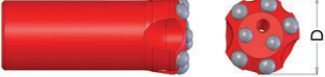
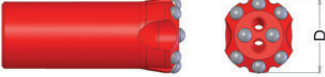

Coupling adapter / Full bridge Übergangsmuffe / Mittelsteg Manchon d'adaptation / Nervure centrale Acople adaptador / Nervio central	Thread / Gewinde Filet / Rosca		D		L		Part No. Artikel Nr. N° de réf. Cat. N°
	A	B	[mm]	[in]	[mm]	[in]	
	R 25	R 28	39	1 17/32"	170	6 11/16"	48505
	R 28	R 32	44	1 23/32"	170	6 11/16"	48506
	R 28	T 38	55	2 5/32"	170	6 11/16"	48517

Bit adapter / Übergangsstück Manchon d'adaptation / Adaptador de broca	Thread / Gewinde Filet / Rosca		D	L	Part No. Artikel Nr. N° de réf. Cat. N°
	R 25	R 28	44	1 23/32"	11424
	R 28	R 25	44	1 23/32"	48696
	R 28	R 32	44	1 23/32"	11427



R 32 (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		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	44649	
	1)	BAL	5	9	2	9	41	1 5/8"	1	1	44650	
	1)	HEM	5	9.5	2	8	43	1 11/16"	1	1	44636	
	1)	CP	5	9.5	2	8	43	1 11/16"	1	1	44267	
	1)	BAL	5	9.5	2	9	43	1 11/16"	1	1	44648	
	1)	HEM	5	10	2	9	45	1 3/4"	1	1	44652	
	1)	BAL	5	10	2	9	45	1 3/4"	1	1	44651	
		HEM	5	11	2	9	48	1 7/8"	1	2	44529	
		HEM	5	11	2	9	48	1 7/8"	1	1	44530	
		BAL	5	11	2	9	48	1 7/8"	1	2	44659	
		HEM	5	12.7	2	9.5	51	2"	1	1	44757	
		BAL	5	11	2	10	51	2"	1	1	44567	
	B2											
		1)	HEM	6	8	2	8	41	1 5/8"	2	0	44803
		1)	HEM	6	8	2	8	41	1 5/8"	2	1	44346
		1)	BAL	6	8	2	8	41	1 5/8"	2	1	44347
1)		HEM	6	8	2	8	43	1 11/16"	2	0	44716	
1)		BAL	6	8	2	8	43	1 11/16"	2	0	44717	
1)		HEM	6	9	2	9	45	1 3/4"	2	0	44740	
1)		BAL	6	9	2	9	45	1 3/4"	2	0	44755	
		HEM	6	9.5	2	9.5	48	1 7/8"	2	0	44718	
		BAL	6	9.5	2	9.5	48	1 7/8"	2	0	44798	
		HEM	6	11	2	9	51	2"	2	0	44453	
		BAL	6	11	2	9	51	2"	2	0	44263	
B												
		1)	HEM	6	9	3	7	43	1 11/16"	3	1	44324
	1)	BAL	6	9	3	7	43	1 11/16"	3	1	44325	
	1)	HEM	6	9	3	8	45	1 3/4"	3	1	44675	
	1)	HEM	6	10	3	8	45	1 3/4"	3	1	44726	
	1)	CP	6	10	3	8	45	1 3/4"	3	1	44273	
	1)	BAL	6	9	3	8	45	1 3/4"	3	1	44704	
	1)	BAL	6	10	3	8	45	1 3/4"	3	1	44728	
		HEM	6	9	3	9	48	1 7/8"	3	1	44690	
		CP	6	10	3	8	48	1 7/8"	3	0	44265	
		BAL	6	9	3	9	48	1 7/8"	3	1	44787	
		BAL	6	10	3	8	48	1 7/8"	3	1	44322	
		HEM	6	10	3	9.5	51	2"	3	1	44756	
		HEM	6	11	3	9	51	2"	3	1	44712	
		CP	6	10	3	9.5	51	2"	3	1	44323	
		BAL	6	10	3	9.5	51	2"	3	1	44802	
		BAL	6	10	3	9.5	54	2 1/8"	3	1	44197	
		HEM	6	10	3	10	57	2 1/4"	3	1	44730	
	B3											
		BAL	6	10	3	10	57	2 1/4"	3	1	44791	

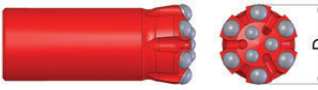
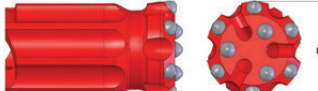
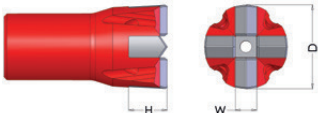
1) = Only for single rod drilling / Nur für das Bohren mit einer Stange geeignet / Uniquement propre au forage à l'aide d'un seul tige / Solamente para perforación con una barra

Tunnelling and bolting drilling tools

Tunnel - Untertagebohräusrüstung / Equipement de rallonge / Varillaje de extensión

R 32 (1 1/4")


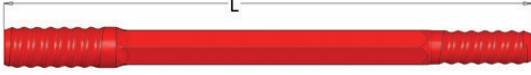



Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada

Bit Bohrkrone Taillant Broca	Carbide dimension Hartmetallabmessung Dimension métal dur Dimension metal duro						D		Flushing hole Spüllöcher		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	44175	
	1)	CP	6	9	3	7	43	1 11/16"	3	1	44218	
	1)	HEM	6	10	3	8	45	1 3/4"	3	1	44247	
	1)	CP	6	10	3	8	45	1 3/4"	3	1	44249	
	1)	BAL	6	10	3	8	45	1 3/4"	3	1	44248	
		HEM	6	10	3	8	48	1 7/8"	3	1	44230	
		CP	6	10	3	8	48	1 7/8"	3	1	44219	
		BAL	6	10	3	8	48	1 7/8"	3	1	44231	
	B6 		HEM	6	9	3	9	48	1 7/8"	3	1	44540
			BAL	6	9	3	9	48	1 7/8"	3	1	44542
		HEM	6	10	3	9.5	51	2"	3	1	41174	
		BAL	6	10	3	9.5	51	2"	3	1	44758	
		BAL	6	10	3	9.5	54	2 1/8"	3	1	44216	
		HEM	6	10	3	10	57	2 1/4"	3	1	41173	
Flat Face / Retrac		BAL	6	10	3	10	57	2 1/4"	3	1	44806	
			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)		11.5			19	41	1 5/8"	1	4	49608	
	1)		9.5			19	43	1 11/16"	1	4	49614	
	1)		11.5			19	45	1 3/4"	1	4	49615	
	1)		9.5			19	48	1 7/8"	1	4	49616	
				9.5			19	51	2"	1	4	49617
				9.5			19	57	2 1/4"	1	4	49618

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

R 32 (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"	41598
	2350	7' 8 1/2"	47421
	2475	8' 1 1/2"	47089
	2700	8' 10"	41585
	3090	10' 1 1/2"	47100
	3400	11' 2"	41579
	3700	12' 1 1/2"	41646
	4005	13' 1 1/2"	47218
	4305	14' 1 1/2"	41622
	4915	16' 1 1/2"	43905
	R38 – Hex 32 – R32 / Flushing hole Ø 9.6 mm (Ø 3/8") 	1570	5' 2"
1800		5' 11"	43739
2200		7' 2 1/2"	47202
2475		8' 1 1/2"	47307
3090		10' 1 1/2"	47058
3700		12' 1 1/2"	47059
4005		13' 1 1/2"	47154
4305		14' 1 1/2"	47060
4610		15' 1 1/2"	11142
4915		16' 1 1/2"	47061
R38 – Hex 35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 		3090	10' 1 1/2"
	3700	12' 1 1/2"	47165
	4005	13' 1 1/2"	47288
	4305	14' 1 1/2"	47148
	4915	16' 1 1/2"	47149
	5525	18' 1 1/2"	47179
R38 – Rd 39 – R32 / Flushing hole Ø 10.3 mm (Ø 37/64") 	1830	6'	43657
	4305	14' 1 1/2"	43750
	4915	16' 1 1/2"	43764
T38 – Hex 32 – R32 / Flushing hole Ø 9.6 mm (Ø 3/8") 	2475	8' 1 1/2"	43765
	2600	8' 6"	47319
	3090	10' 1 1/2"	11383
	3400	11' 2"	43871
	3700	12' 1 1/2"	11384
	4005	13' 1 1/2"	47306
	4305	14' 1 1/2"	11386
	4915	16' 1 1/2"	11388
	5525	18' 1 1/2"	47177

Tunnelling and bolting drilling tools

Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión

R 32 (1 1/4")

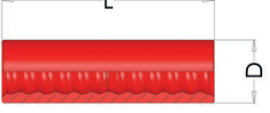
Bit Thread / Kronengewinde
Filetage de Taillant / Broca roscada


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"	43612		
	3090	10' 1 1/2"	43743		
	3700	12' 1 1/2"	47161		
	4305	14' 1 1/2"	47150		
	4460	14' 7 1/2"	43746		
	4915	16' 1 1/2"	47151		
	5525	18' 1 1/2"	47204		
	6140	20' 1 1/2"	47209		
	6400	21'	43627		
	T38 – Rd 39 – R32 / Flushing hole Ø 14.5 mm (Ø 37/64") 	4305	14' 1 1/2"	43987	
4915		16' 1 1/2"	43604		
5525		18' 1 1/2"	43605		
6140		20' 1 1/2"	43635		
6400		21'	43631		
MF-Rod R38F – H35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	[mm]	[in]	[mm]	[ft in]	Part No. Artikel Nr. N° de réf. Cat. N°
	56	2 7/32"	3700	12' 1 1/2"	47467
MF-Rod T38F – H35 – R32 / Flushing hole Ø 9.5 mm (Ø 3/8") 	56	2 7/32"	4915	16' 1 1/2"	47466
	56	2 7/32"	3090	10' 1 1/2"	47332
	56	2 7/32"	3700	12' 1 1/2"	47297
	56	2 7/32"	4305	14' 1 1/2"	47300
	56	2 7/32"	4915	16' 1 1/2"	47301
	56	2 7/32"	5525	18' 1 1/2"	47246
	56	2 7/32"	6140	20' 1 1/2"	47380

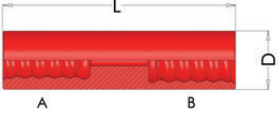
TUNNELING AND
BOLTING TOOLS

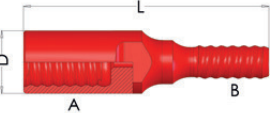
R 32 (1 1/4")

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]	
	R 32	42	1 21/32"	150	5 29/32"	13309
	R 32	44	1 23/32"	150	5 29/32"	13308
	R 38	55	2 5/32"	170	6 11/16"	13302
	T 38	52	2 3/64"	190	7 1/2"	41669
	T 38	55	2 5/32"	190	7 1/2"	14844

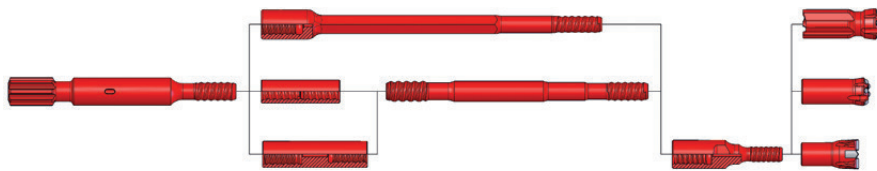
Full bridge / Mittelsteg / Nervure centrale / Nervio central	Thread	D		L		Part No.
		[mm]	[in]	[mm]	[in]	
		R 32	44	1 23/32"	200	
	R 38	55	2 5/32"	210	8 1/4"	41687
	T 38	55	2 5/32"	205	8 1/16"	41670

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]	
	R 25	R 32	44	1 23/32"	200	7 7/8"	17235
	R 28	R 32	44	1 23/32"	170	6 11/16"	48506
	R 32	T 35	49	1 29/32"	170	6 11/16"	48516
	R 32	R 38	55	2 5/32"	205	8 1/16"	17236
	R 32	T 38	55	2 5/32"	205	8 1/16"	41675
	R 32	T 45	63	2 15/32"	215	8 15/32"	41680

Bit adapter / Übergangsstück Manchon d'adaptation / Adaptador de broca	Thread	D	L	L	Part No.		
						[mm]	[in]
	R 25	R 32	44	1 23/32"	185	7 9/32"	11425
	R 28	R 32	44	1 23/32"	185	7 9/32"	11427
	R 32	R 25	44	1 23/32"	210	8 1/4"	11428
	R 32	R 38	44	1 23/32"	270	10 5/8"	11426
	R 32	T 38	44	1 23/32"	270	10 5/8"	48585
	R 32	T 45	44	1 23/32"	360	14 3/16"	41694
	R 35	R 32	55	2 5/32"	280	11 1/32"	48708
	R 38	R 32	55	2 5/32"	280	11 1/32"	48645
	T 38	R 32	55	2 5/32"	280	11 1/32"	48586

Tunnelling and bolting drilling tools

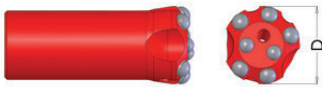
Tunnel - Untertagebohräusrüstung / Equipement de rallonge / Varillaje de extensión



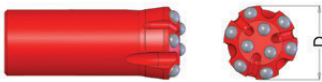
R 35 (1 3/8")

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		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	44454
	BAL	5	11	2	9	48	1 7/8"	1 1	44123
	HEM	5	12.7	2	9.5	51	2"	1 2	44455
	BAL	5	12.7	2	9.5	51	2"	1 2	44268



B2



BAL	6	9.5	3	8	45	1 3/4"	3 1	44151
HEM	6	9	3	9	48	1 7/8"	3 1	44833
BAL	6	9	3	9	48	1 7/8"	3 1	44911
BAL	6	10	3	9	48	1 7/8"	3 1	44381
HEM	6	10	3	9.5	51	2"	3 1	44834
BAL	6	10	3	9.5	51	2"	3 1	44913
BAL	6	10	3	10	57	2 1/4"	3 1	44479

B3



BAL	6	10	3	8	45	1 3/4"	3 1	44159
HEM	6	10	3	8	48	1 7/8"	3 1	44171
CP	6	10	3	8	48	1 7/8"	3 1	44240


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"	43883
	4305	14' 1 1/2"	43854
	4915	16' 1 1/2"	43855
	5530	18' 1 1/2"	43816




R 35 (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"	43919
	4915	16' 1 1/2"	43681
	5525	18' 1 1/2"	43682

T38 – Hex 35 – R35 / Flushing hole Ø 9.5 mm (Ø 3/8") 	3050	10'	43951
	3700	12' 1 1/2"	43941
	4305	14' 1 1/2"	43856
	4915	16' 1 1/2"	43857
	5525	18' 1 1/2"	43721
	6140	20' 1 1/2"	43633
	6400	21'	43601

T38 – Rd 39 – R35 / Flushing hole Ø 14.5 mm (Ø 37/64") 	4305	14' 1 1/2"	43763
	4915	16' 1 1/2"	43920
	5525	18' 1 1/2"	43761
	6140	20' 1 1/2"	43737
	6400	21'	43785


	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"	43848
	56	2 7/32"	4310	14' 1 1/2"	43849
	56	2 7/32"	4915	16' 1 1/2"	43852
	56	2 7/32"	5525	18' 1 1/2"	43853
	56	2 7/32"	6140	20' 1 1/2"	43866

Tunnelling and bolting drilling tools

Tunnel - Untertagebohrerüstung / Equipement de rallonge / Varillaje de extensión

R 35 (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]	
	R 38	55	2 5/32"	170	6 11/16"	13302
	T 38	52	2 3/64"	190	7 1/2"	41669
	T 38	55	2 5/32"	190	7 1/2"	14844

Full bridge / Mittelsteg / Nervure centrale Nervio central	R 38	55	2 5/32"	210	8 1/4"	41687
	T 38	55	2 5/32"	205	8 1/16"	41670

