

REIME

NORIS

我之精工，您之成功



NORIS DRILLREX钻头

满足最高精度要求的麻花钻头

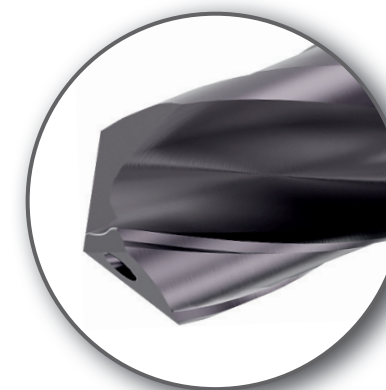


Quality
Made in Germany
ISO 9001 CERTIFIED

完美的
螺纹从
选择正确的
钻头开始

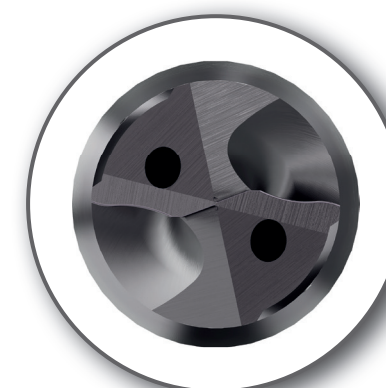
NORIS DRILLREX UNI SERIE





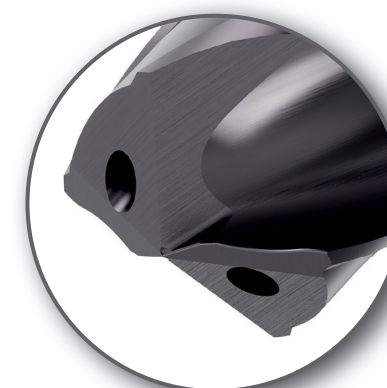
排屑槽设计

- 优化的排屑槽轮廓
 - 卓越的研磨质量
 - 超光滑涂层（无滴）
- » 完美的排屑（工艺可靠性）
即使在困难的加工条件下



刀尖槽型

- 快速定心
 - 精准定位
 - 高速切削
- » 最大经济效率



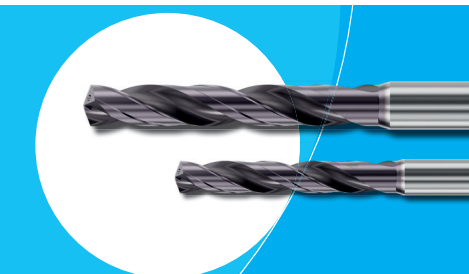
刃角部分

- 极少毛刺形成
- 安全切削

» 加工表面质量高，没有硬化现象的螺纹工具

NORIS DRILLREX UNI

PERFEKTE GEWINDE BEGINNEN MIT DEM RICHTIGEN SPIRALBOHRER!



列出的切削参数是标准值。
根据实际的加工工况需要做出相应的调整

THE LISTED CUTTING DATA ARE STANDARD VALUES.
THIS VALUES HAVE TO BE ADJUSTED TO INDIVIDUAL WORK CONDITIONS.

NORIS DRILLREX UNI

DIN 6535 HA



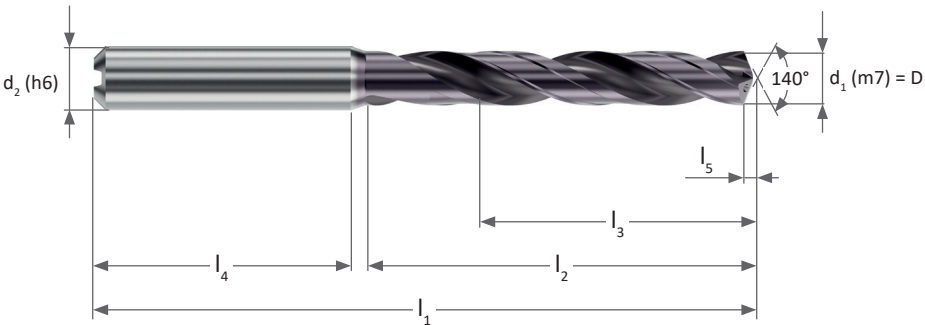
ALTIN

VHM

P	钢材	STEEL MATERIALS	MAT	✱
	非合金钢和低合金钢	Unalloyed and low-alloy steels	$\leq 800 \text{ N/mm}^2$ P 1.1 $\leq 1200 \text{ N/mm}^2$ P 1.2 $\leq 1400 \text{ N/mm}^2$ P 1.3	  
	高合金钢	High alloy steels	$\leq 1400 \text{ N/mm}^2$ P 2.1	  
	不锈钢	CORROSION AND ACID PROOF STEELS		
M	不锈钢 +双相	Corrosion and acid proof steels + DUPLEX	$\leq 800 \text{ N/mm}^2$ M 1.1 $\leq 1300 \text{ N/mm}^2$ M 1.2	 
	铸件材料	CAST MATERIALS		
K	铸铁，球墨铸铁 蠕墨铸铁，可锻铸铁	Cast iron, nodular cast iron, Vermicular graphite cast iron, malleable cast iron	$\leq 800 \text{ N/mm}^2$ K 1.1	   
	奥铁素体铸铁 (ADI) +硬铸件	Ausferritic cast iron (ADI) + Hard casting	$\leq 1400 \text{ N/mm}^2$ K 2.1	
N	有色金属材料	NON FERROUS MATERIALS		
	段铝合金	Aluminium wrought alloys	N 1.1	  
	铸铝合金	Aluminium cast alloys	$\leq 12\% \text{ Si}$ N 1.2 $\geq 12\% \text{ Si}$ N 1.3	  
	铜+铜合金 (长屑)	Copper + Copper alloys (long-chip.)	N 2.1	  
	铜合金 (短屑)	Copper alloys (short-chip.)	N 2.2	  
	高强度铜合金	High-strength copper alloys	$\geq 800 \text{ N/mm}^2$ N 2.3	
	锌合金	Zinc alloys	N 3.1	
	镁锻造合金	Magnesium wrought alloys	N 4.1	
	热塑性塑料	Thermoplastics	N 5.1	
	纤维增强合成材料+硬质塑料	Fibre-reinforced synthetics + Duroplastics	N 5.2	
S	特殊材料	SPECIAL MATERIALS		
	镍、铁或钴基高温合金	Ni-, Fe- or Co- base- Superalloys	$\leq 800 \text{ N/mm}^2$ S 1.1 $\leq 1600 \text{ N/mm}^2$ S 1.2	 
	钛+钛合金	Titanium + Titanium alloys	$\leq 800 \text{ N/mm}^2$ S 2.1 $\leq 1300 \text{ N/mm}^2$ S 2.2	 
H	淬硬钢	HARDENED STEELS		
	淬硬钢	Hardened steels	$\leq 55 \text{ HRC}$ H 1.1 $\leq 63 \text{ HRC}$ H 1.2 $\leq 65 \text{ HRC}$ H 1.3	 

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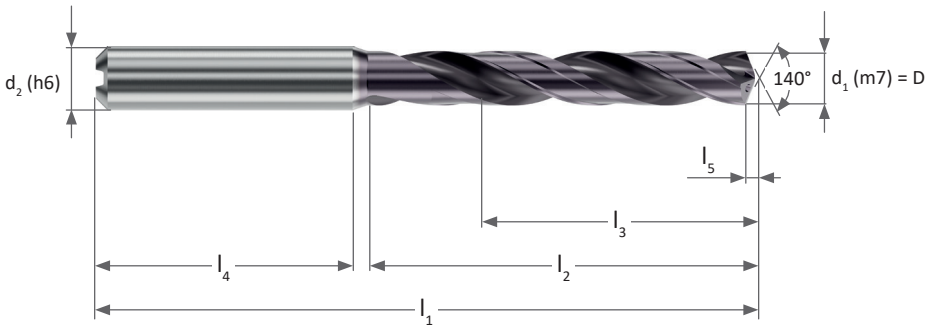
麻花钻 · TWIST DRILL



DIN 6535 HA

钻深 · DRILL DEPTH																			5 x D		
表面 · SURFACE																			ALTIN		
材料 · MATERIAL																			VHM		
ø d1	切削攻丝 · TAPPING							挤压攻丝 · COLDFORMING						I ₁	I ₂	I ₃	I ₄	I ₅	d ₂	订货号 Article number	
[mm]	M	MF	MJ	UNC	UNF	UNJ	G	M	MF	MJ	UNC	UNF	G	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		
3,00	M3,5x0,5		MJ3,5x0,6		#6-40 UNJF									66	28	23	36	0.6	6	D10005AT.0300	
3,10														66	28	23	36	0.6	6	D10005AT.0310	
3,20			MJ3,5x0,35											66	28	23	36	0.6	6	D10005AT.0320	
3,30	M4								M3,5x0,5					66	28	23	36	0.6	6	D10005AT.0330	
3,40			MJ4x0,7											66	28	23	36	0.6	6	D10005AT.0340	
3,50		M4x0,5		#8-32	#8-36	#8-32 UNJC								66	28	23	36	0.6	6	D10005AT.0350	
3,60			MJ4x0,5											66	28	23	36	0.7	6	D10005AT.0360	
3,70	M4,5							M4		MJ4x0,7				66	28	23	36	0.7	6	D10005AT.0370	
3,80									M4x0,5		#8-32			74	36	29	36	0.7	6	D10005AT.0380	
3,90			MJ4,5x0,75	#10-24		#10-24 UNJC								74	36	29	36	0.7	6	D10005AT.0390	
4,00	M4,5x0,5													74	36	29	36	0.7	6	D10005AT.0400	
4,10			MJ4,5x0,5		#10-32									74	36	29	36	0.8	6	D10005AT.0410	
4,20	M5	M5x0,75						M4,5						74	36	29	36	0.8	6	D10005AT.0420	
4,30			MJ5x0,8						M4,5x0,5					74	36	29	36	0.8	6	D10005AT.0430	
4,40														74	36	29	36	0.8	6	D10005AT.0440	
4,50		M5x0,5		#12-24										74	36	29	36	0.8	6	D10005AT.0450	
4,60	M5,5	MJ5x0,5		#12-28										74	36	29	36	0.8	6	D10005AT.0460	
4,65								M5		MJ5x0,8				74	36	29	36	0.9	6	D10005AT.0465	
4,70									M5x0,75					74	36	29	36	0.9	6	D10005AT.0470	
4,80									M5x0,5					82	44	35	36	0.9	6	D10005AT.0480	
5,00	M6									#12-24					82	44	35	36	0.9	6	D10005AT.0500
5,10			MJ6x1	1/4-20				M5,5					#12-28		82	44	35	36	0.9	6	D10005AT.0510
5,20	M6x0,75													82	44	35	36	1.0	6	D10005AT.0520	
5,30									M5,5x0,5					82	44	35	36	1.0	6	D10005AT.0530	
5,40														82	44	35	36	1.0	6	D10005AT.0540	
5,50		M6x0,5			1/4-28									82	44	35	36	1.0	6	D10005AT.0550	
5,55			1/4-28 UNJF						MJ6x1					82	44	35	36	1.0	6	D10005AT.0555	
5,60			MJ6x0,5					M6						82	44	35	36	1.0	6	D10005AT.0560	
5,70			5/16-18 UNJC						M6x0,75					82	44	35	36	1.0	6	D10005AT.0570	
5,80									M6x0,5					82	44	35	36	1.1	6	D10005AT.0580	
5,90														82	44	35	36	1.1	6	D10005AT.0590	
6,00	M7													82	44	35	36	1.1	6	D10005AT.0600	
6,20	M7x0,75													91	53	43	36	1.1	8	D10005AT.0620	
6,30														91	53	43	36	1.2	8	D10005AT.0630	
6,35			MJ7x0,75												91	53	43	36	1.2	8	D10005AT.0635
6,40														91	53	43	36	1.2	8	D10005AT.0640	
6,50	M7x0,5													91	53	43	36	1.2	8	D10005AT.0650	
6,60				5/16-18				M7						91	53	43	36	1.2	8	D10005AT.0660	
6,70									M7x0,75					91	53	43	36	1.2	8	D10005AT.0670	
6,80	M8						1/16		M7x0,5					91	53	43	36	1.2	8	D10005AT.0680	
6,90			MJ8x1,25		5/16-24										91	53	43	36	1.3	8	D10005AT.0690

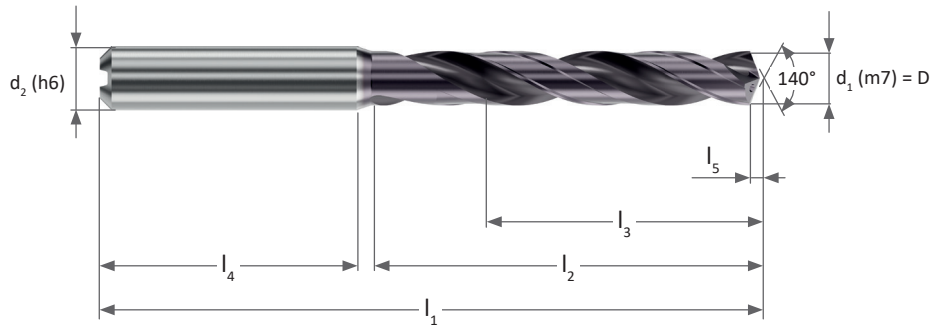
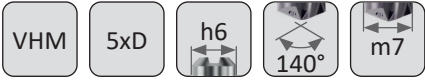
麻花钻 · TWIST DRILL



DIN 6535 HA

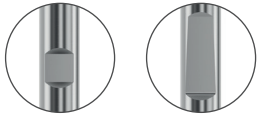
钻深 · DRILL DEPTH																					5 x D				
表面 · SURFACE																					ALTIN				
材料 · MATERIAL																					VHM				
ø d1	切削攻丝 · TAPPING							挤压攻丝 · COLDFORMING							l ₁	l ₂	l ₃	l ₄	l ₅	d ₂	订货号 Article number				
[mm]	M	MF	MJ	UNC	UNF	UNJ	G	M	MF	MJ	UNC	UNF	G	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]						
7,00	M8x1		UNJF 5/16-24												91	53	43	36	1.3	8	D10005AT.0700				
7,20	M8x0,75														91	53	43	36	1.3	8	D10005AT.0720				
7,40															91	53	43	36	1.4	8	D10005AT.0740				
7,45								M8				5/16-24			91	53	43	36	1.4	8	D10005AT.0745				
7,50	M8x0,5														91	53	43	36	1.4	8	D10005AT.0750				
7,60										M8x1					91	53	43	36	1.4	8	D10005AT.0760				
7,70								M8x0,75							91	53	43	36	1.4	8	D10005AT.0770				
7,80	M9										M8x0,5					91	53	43	36	1.4	8	D10005AT.0780			
7,90			MJ9x1,25														91	53	43	36	1.4	8	D10005AT.0790		
8,00	M9x1				3/8-16													91	53	43	36	1.5	8	D10005AT.0800	
8,20	M9x0,75														103	61	49	40	1.5	10	D10005AT.0820				
8,30															103	61	49	40	1.5	10	D10005AT.0830				
8,40															103	61	49	40	1.5	10	D10005AT.0840				
8,50	M10	M9x0,5	3/8-24												103	61	49	40	1.6	10	D10005AT.0850				
8,60			MJ10x1,5		UNJF 3/8-24					M9x1					103	61	49	40	1.6	10	D10005AT.0860				
8,70										M9x0,75					103	61	49	40	1.6	10	D10005AT.0870				
8,80	M10x1,25							G1/8		M9x0,5		3/8-16			103	61	49	40	1.6	10	D10005AT.0880				
9,00	M10x1														103	61	49	40	1.6	10	D10005AT.0900				
9,20	M10x0,75														103	61	49	40	1.7	10	D10005AT.0920				
9,30															103	61	49	40	1.7	10	D10005AT.0930				
9,35			MJ10x0,75							M10					103	61	49	40	1.7	10	D10005AT.0935				
9,40					7/16-14													103	61	49	40	1.7	10	D10005AT.0940	
9,50	M11	M10x0,5													103	61	49	40	1.7	10	D10005AT.0950				
9,60			MJ10x0,5									M10x1					103	61	49	40	1.8	10	D10005AT.0960		
9,80								M10x0,5							103	61	49	40	1.8	10	D10005AT.0980				
9,90			MJ11x1,25		7/16-20														103	61	49	40	1.8	10	D10005AT.0990
10,00	M11x1														103	61	49	40	1.8	10	D10005AT.1000				
10,10			MJ11x1														118	71	56	45	1.8	12	D10005AT.1010		
10,20	M12													118	71	56	45	1.9	12	D10005AT.1020					
10,30															118	71	56	45	1.9	12	D10005AT.1030				
10,40															118	71	56	45	1.9	12	D10005AT.1040				
10,50	M12x1,5														118	71	56	45	1.9	12	D10005AT.1050				
10,80	M12x1,25		1/2-13												118	71	56	45	2.0	12	D10005AT.1080				
11,00	M12x1														118	71	56	45	2.0	12	D10005AT.1100				
11,20															118	71	56	45	2.0	12	D10005AT.1120				
11,25	M12x0,75							M12							118	71	56	45	2.1	12	D10005AT.1125				
11,30															118	71	56	45	2.1	12	D10005AT.1130				
11,35										M12x1,5					118	71	56	45	2.1	12	D10005AT.1135				
11,50			1/2-20												118	71	56	45	2.1	12	D10005AT.1150				
11,60										M12x1					118	71	56	45	2.1	12	D10005AT.1160				
11,80			1/4					1/2-13							118	71	56	45	2.2	12	D10005AT.1180				

麻花钻 · TWIST DRILL



NORIS
DRILLREX UNI

DIN 6535 HB DIN 6535 HE DIN 6535 HA



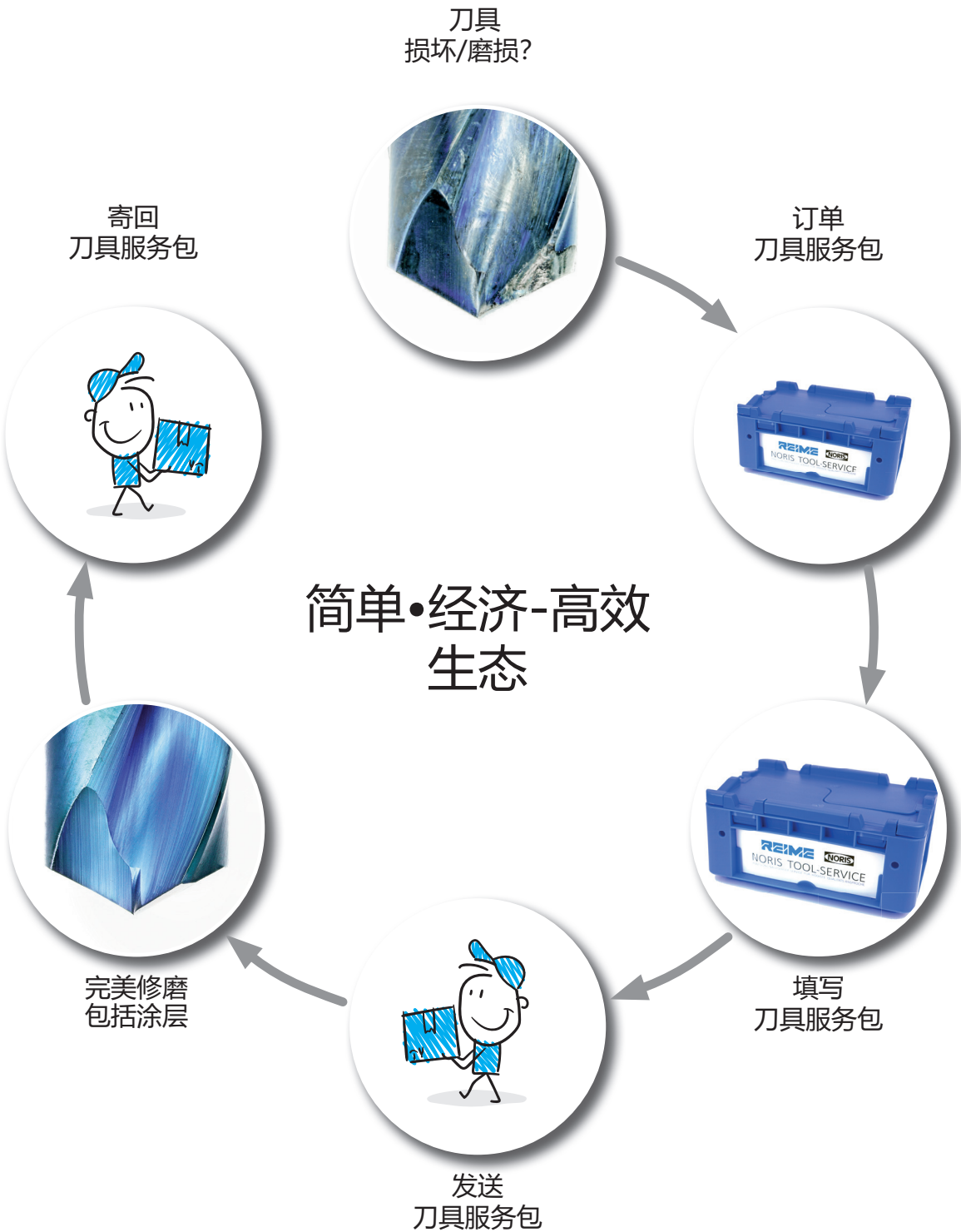
根据需求



钻深 · DRILL DEPTH													5 x D
表面 · SURFACE													ALTIN
材料 · MATERIAL													VHM
ø d1	切削攻丝 · TAPPING						挤压攻丝 · COLD FORMING						订货号 Article number
[mm]	M	MF	MJ	UNC	UNF	G	M	MF	MJ	UNC	UNF	G	
12,00	M14	M13x1											D10005AT.1200
12,10			MJ13x1										D10005AT.1210
12,20				9/16-12									D10005AT.1220
12,50		M14x1,5											D10005AT.1250
12,70							M13x0,75						D10005AT.1270
12,90			MJ14x1,25		9/16-18								D10005AT.1290
13,00		M14x1											D10005AT.1300
13,10			MJ14x1				M14						D10005AT.1310
13,30										9/16-12			D10005AT.1330
13,35							M14x1,5						D10005AT.1335
13,50				5/8-11									D10005AT.1350
14,00	M16	M15x1											D10005AT.1400
14,10			MJ15x1										D10005AT.1410
14,20		M15x0,75											D10005AT.1420
14,50		M16x1,5		5/8-18									D10005AT.1450
14,70							M15x0,75						D10005AT.1470
15,00		M16x1											D10005AT.1500
15,10			MJ16x1				M16						D10005AT.1510
15,20		M16x0,75											D10005AT.1520
15,25						3/8				5/8-18			D10005AT.1525
15,35							M16x1,5						D10005AT.1535
15,50	M18												D10005AT.1550
15,80			MJ18x2,5										D10005AT.1580
16,00		M18x2											D10005AT.1600
16,50		M18x1,5		3/4-10									D10005AT.1650
17,00		M18x1											D10005AT.1700
17,50	M20			3/4-16									D10005AT.1750
18,00		M20x2											D10005AT.1800



我之精工，您之成功





UNSERE PRÄZISION IST IHR ERFOLG

REIME NORIS GmbH
螺纹技术



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