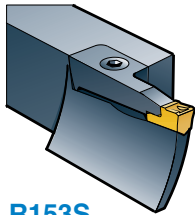
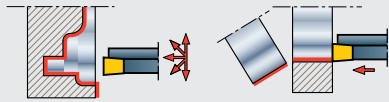


153S

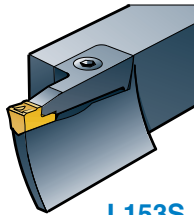
Recommendations
Empfehlungen
Rekommendationer

Page:
Seite:
Sida:

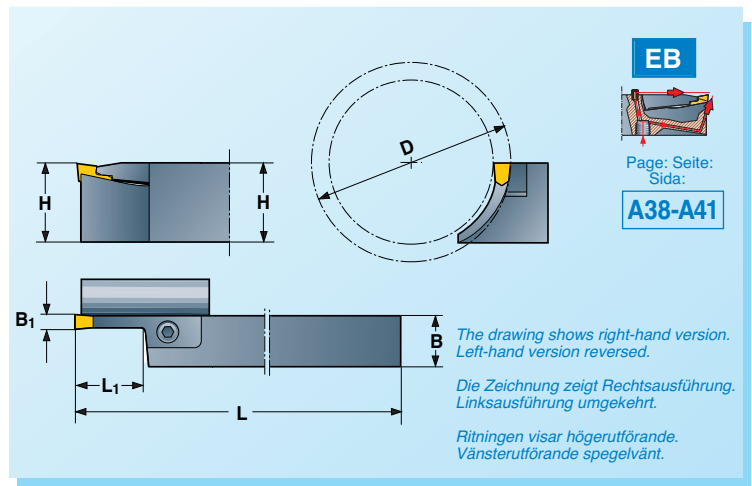
A24



R153S



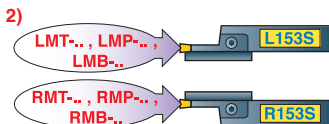
L153S



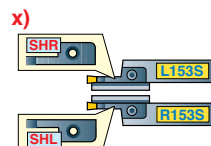
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Page:
Seite:
Sida:
A38-A41

A

	H	B	L	L ₁	B ₁	D	SHR	SHL								
 See type 153E, 153E-00 and 158E, page: Siehe Typ 153E, 153E-00 und 158E, Seite: Se typ 153E, 153E-00 och 158E, sid: A83-A86						14-										
R/L 153S-1616x10x2/20-23	16	16	110													
R/L 153S-2020x10x2/20-23	20	20	125	10	2	20-23										
R/L 153S-2525x10x2/20-23	25	25	150													
R/L 153S-1616x10x2/23-26	16	16	110													
R/L 153S-2020x10x2/23-26	20	20	125	10	2	23-26	x) SHR 102Z	x) SHL 102Z								
R/L 153S-2525x10x2/23-26	25	25	150													
R/L 153S-1616x10x2/26-30	16	16	110													
R/L 153S-2020x10x2/26-30	20	20	125	10	2	26-30										
R/L 153S-2525x10x2/26-30	25	25	150													
R/L 153S-1616x10x2/30-35	16	16	110													
R/L 153S-2020x10x2/30-35	20	20	125	10	2	30-35	x) SHR 102P	x) SHL 102P								
R/L 153S-2525x10x2/30-35	25	25	150													
R/L 153S-1616x10x2/35-40	16	16	110													
R/L 153S-2020x10x2/35-40	20	20	125	10	2	35-40										
R/L 153S-2525x10x2/35-40	25	25	150													
R/L 153S-1616x10x2/40-45	16	16	110													
R/L 153S-2020x10x2/40-45	20	20	125	10	2	40-45	x) SHR 102	x) SHL 102								
R/L 153S-2525x10x2/40-45	25	25	150													
R/L 153S-1616x10x2/45-50	16	16	110													
R/L 153S-2020x10x2/45-50	20	20	125	10	2	45-50										
R/L 153S-2525x10x2/45-50	25	25	150													
R/L 153S-2020x10x2/50-55	20	20	125	10	2	50-55										
R/L 153S-2525x10x2/50-55	25	25	150													
R/L 153S-2020x10x2/55-60	20	20	125	10	2	55-60										
R/L 153S-2525x10x2/55-60	25	25	150													
R/L 153S-2020x10x2/60-70	20	20	125	10	2	60-70	x) SHR 102	x) SHL 102								
R/L 153S-2525x10x2/60-70	25	25	150													
R/L 153S-2020x10x2/70-80	20	20	125	10	2	70-80										
R/L 153S-2525x10x2/70-80	25	25	150													
R/L 153S-2020x10x2/80-90	20	20	125	10	2	80-90										
R/L 153S-2525x10x2/80-90	25	25	150													
R/L 153S-2020x10x2/90-100	20	20	125	10	2	90-100										
R/L 153S-2525x10x2/90-100	25	25	150													
R/L 153S-1616x12x2.5/20-23	16	16	110													
R/L 153S-2020x12x2.5/20-23	20	20	125	12	2,5	20-23										
R/L 153S-2525x12x2.5/20-23	25	25	150													
R/L 153S-1616x12x2.5/23-26	16	16	110													
R/L 153S-2020x12x2.5/23-26	20	20	125	12	2,5	23-26	x) SHR 122.5Z	x) SHL 122.5Z								
R/L 153S-2525x12x2.5/23-26	25	25	150													
R/L 153S-1616x12x2.5/26-30	16	16	110													
R/L 153S-2020x12x2.5/26-30	20	20	125	12	2,5	26-30										
R/L 153S-2525x12x2.5/26-30	25	25	150													



2) Right-hand inserts (R) are used in right-hand holders and left-hand inserts (L) in left-hand holders.
 2) Rechtsschneiden (R) werden in Rechtshaltern und Linksschneiden (L) in Linkshaltern verwendet.
 2) Högerskär (R) används i högerhållare och vänsterskär (L) i vänsterhållare.

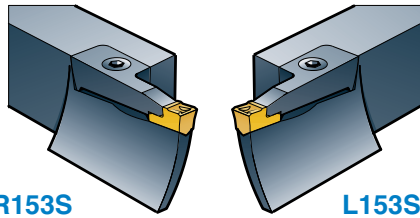


x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
 x) Spännhaken SHR wird in L-Haltern und Spännhaken SHL in R-Haltern verwendet.
 x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

* Selection of cutting geometry, page:
 Wahl der Schneidengeometrie, Seite:
 Val av skärgeometri, sid:

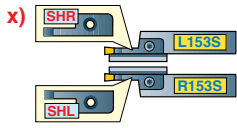
A44-A58

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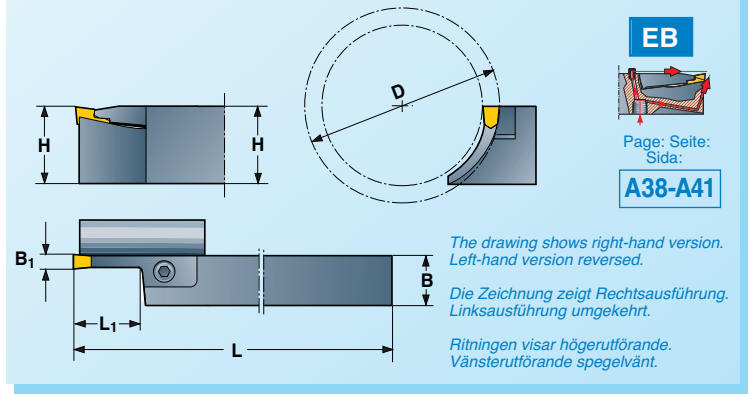


R153S

L153S

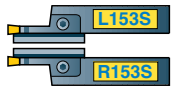








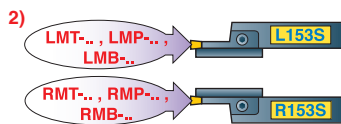
- x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
- x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.



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A38-A41

		H	B	L	L ₁	B ₁	D	SHR	SHL					Page: Seite: Sida: A130-A148
R/L153S-1616x12x2.5/30-35	R/L153S-2020x12x2.5/30-35	16	16	110										
R/L153S-2525x12x2.5/30-35		20	20	125	12	2,5	30-35	x)SHR 122.5P	x)SHL 122.5P	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5	MT-25 MT-25Fr ³⁾ MT-2.3r0.5 MP-25 MA-25	
R/L153S-1616x12x2.5/35-40	R/L153S-2020x12x2.5/35-40	16	16	110										
R/L153S-2525x12x2.5/35-40		20	20	125	12	2,5	35-40	x)SHR 122.5	x)SHL 122.5	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5		
R/L153S-1616x12x2.5/40-45	R/L153S-2020x12x2.5/40-45	16	16	110										
R/L153S-2525x12x2.5/40-45		20	20	125	12	2,5	40-45	x)SHR 122.5	x)SHL 122.5	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5		
R/L153S-1616x12x2.5/45-50	R/L153S-2020x12x2.5/45-50	16	16	110										
R/L153S-2525x12x2.5/45-50		20	20	125	12	2,5	45-50	x)SHR 122.5	x)SHL 122.5	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5		
R/L153S-2020x12x2.5/50-55	R/L153S-2525x12x2.5/50-55	20	20	125	12	2,5	50-55							
R/L153S-2020x12x2.5/55-60	R/L153S-2525x12x2.5/55-60	20	20	125	12	2,5	55-60							MT-25 MT-25Fr ³⁾ MT-2.3r0.5 MS-25 MZ-25 MP-25 MA-25
R/L153S-2020x12x2.5/60-70	R/L153S-2525x12x2.5/60-70	20	20	125	12	2,5	60-70	x)SHR 122.5	x)SHL 122.5	F6S 418	BF 04T	NY 2.5		
R/L153S-2020x12x2.5/70-80	R/L153S-2525x12x2.5/70-80	20	20	125	12	2,5	70-80							
R/L153S-2020x12x2.5/80-90	R/L153S-2525x12x2.5/80-90	20	20	125	12	2,5	80-90							
R/L153S-2020x12x2.5/90-100	R/L153S-2525x12x2.5/90-100	20	20	125	12	2,5	90-100							
R/L153S-1616x12x3/20-23	R/L153S-2020x12x3/20-23	16	16	110										
R/L153S-2525x12x3/20-23		20	20	125	12	3	20-23							
R/L153S-1616x12x3/23-26	R/L153S-2020x12x3/23-26	16	16	110										
R/L153S-2525x12x3/23-26		20	20	125	12	3	23-26	x)SHR 133Z	x)SHL 133Z	F6S 411	-	NY 2.5	R/LMT-3Z ²⁾ R/LMT-3.1r0.5Z ²⁾ R/LMP-3Z ²⁾ R/LMB-3FZU ²⁾³⁾	
R/L153S-1616x12x3/26-30	R/L153S-2020x12x3/26-30	16	16	110										
R/L153S-2525x12x3/26-30		20	20	125	12	3	26-30							
R/L153S-1616x12x3/30-35	R/L153S-2020x12x3/30-35	16	16	110										
R/L153S-2525x12x3/30-35		20	20	125	12	3	30-35	x)SHR 133P	x)SHL 133P	F6S 411	-	NY 2.5	D = 30-40 MT-3 MP-3 MT-3.1r0.5 MP-30 MT-3c MB-3FU ³⁾ D = 35-40 MA-30	
R/L153S-1616x12x3/35-40	R/L153S-2020x12x3/35-40	16	16	110										
R/L153S-2525x12x3/35-40		20	20	125	12	3	35-40							
R/L153S-1616x12x3/40-50	R/L153S-2020x12x3/40-50	16	16	110										
R/L153S-2525x12x3/40-50		20	20	125	12	3	40-50	x)SHR 133	x)SHL 133	F6S 411	-	NY 2.5	MT-3 MP-3 MT-3.1r0.5 MP-30 MT-3b MA-30 MT-3c MB-3FU ³⁾ MS-3 MS-3D MZ-3	
R/L153S-2020x12x3/50-60T	R/L153S-2525x12x3/50-60T	20	20	125										
R/L153S-3225x12x3/50-60T		25	25	150	12	3	50-60							
R/L153S-2020x12x3/60-75T	R/L153S-2525x12x3/60-75T	20	20	125										
R/L153S-3225x12x3/60-75T		25	25	150	12	3	60-75							
R/L153S-2020x12x3/75-100T	R/L153S-2525x12x3/75-100T	20	20	125										
R/L153S-3225x12x3/75-100T		25	25	150	12	3	75-100	x)SHR 133	x)SHL 133	F6S 411	-	NY 2.5	MT-3 MT-3.1r0.5 MT-3b MT-3c MS-3 MS-3D MZ-3 MP-3 MP-30 MA-30 MB-3FU ³⁾ MT-30Fr ³⁾	
R/L153S-2020x12x3/100-140T	R/L153S-2525x12x3/100-140T	20	20	125										
R/L153S-3225x12x3/100-140T		25	25	150	12	3	100-140							

	H	B	L	L ₁	B ₁	D						* 	Page: Seite: Sida: A130-A148	
R/L153S-2020x12x3/140-190T R/L153S-2525x12x3/140-190T R/L153S-3225x12x3/140-190T	20 25 32	20 25 25	125 150 170	12	3	140-190							MT-3 MT-3.1r0.5 MT-3b MT-3c MS-3 MS-3D MZ-3 MP-3 MP-30 MA-30 MB-3F ³⁾ MT-30Fr ³⁾	A
R/L153S-2020x12x3/190-300T R/L153S-2525x12x3/190-300T R/L153S-3225x12x3/190-300T	20 25 32	20 25 25	125 150 170	12	3	190-300	✗SHR 133	✗SHL 133	F6S 411	-	NY 2.5			
R/L153S-2020x12x3/300-500T R/L153S-2525x12x3/300-500T R/L153S-3225x12x3/300-500T	20 25 32	20 25 25	125 150 170	12	3	300-500								
R/L153S-2020x12x3/500-∞T R/L153S-2525x12x3/500-∞T R/L153S-3225x12x3/500-∞T	20 25 32	20 25 25	125 150 170	12	3	500-∞								
R/L153S-1616x12x4/30-40 R/L153S-2020x12x4/30-40 R/L153S-2525x12x4/30-40	16 20 25	16 20 25	110 125 150	12	4-4,5	30-40	✗SHR 134P	✗SHL134P	F6S 411	-			D=30-35 D=35-40	
R/L153S-1616x20x4/30-35 R/L153S-2020x20x4/30-35 R/L153S-2525x20x4/30-35	16 20 25	16 20 25	110 125 150	20	4-4,5	30-35	✗SHR 204MP	✗SHL 204MP	F6S 415 F6S 418 F6S 418	BF 04M	NY 2.5		MT-4X MT-3.7r1X ³⁾ MT-4r1X MT-4.5r1X MT-4cX MP-4X MP-40X MB-4FXU ³⁾	MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4c MP-4 MP-40 MA-40 MB-4FU ³⁾
R/L153S-1616x20x4/35-40 R/L153S-2020x20x4/35-40 R/L153S-2525x20x4/35-40	16 20 25	16 20 25	110 125 150	20	4-4,5	35-40	✗SHR 204MP	✗SHL 204MP	F6S 415 F6S 418 F6S 418	BF 04M	NY 2.5		MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4c	MP-4 MP-40 MA-40 MB-4FU ³⁾
R/L153S-1616x12x4/40-50 R/L153S-2020x12x4/40-50 R/L153S-2525x12x4/40-50	16 20 25	16 20 25	110 125 150	12	4-4,5	40-50	✗SHR 134	✗SHL 134	F6S 411	-	NY 2.5		MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4b MT-4c MS-4	MS-4D MZ-4 MP-4 MP-40 MA-40 MB-4FU ³⁾
R/L153S-1616x20x4/40-50 R/L153S-2020x20x4/40-50 R/L153S-2525x20x4/40-50	16 20 25	16 20 25	110 125 150	20	4-4,5	40-50	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M				
R/L153S-2020x12x4/50-60T R/L153S-2525x12x4/50-60T R/L153S-3225x12x4/50-60T	20 25 32	20 25 25	125 150 170	12	4-4,5	50-60	✗SHR 134	✗SHL 134	F6S 411	-				
R/L153S-2020x20x4/50-60 R/L153S-2525x20x4/50-60 R/L153S-3225x20x4/50-60	20 25 32	20 25 25	125 150 170	20	4-4,5	50-60	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M				
R/L153S-2525x25x4/50-60 R/L153S-3225x25x4/50-60	25 32	25 25	150 170	25	4-4,5	50-60	✗SHR 254MT	✗SHL 254MT	F6S 418	BF 04M				
R/L153S-2020x12x4/60-75T R/L153S-2525x12x4/60-75T R/L153S-3225x12x4/60-75T	20 25 32	20 25 25	125 150 170	12	4-4,5	60-75	✗SHR 134	✗SHL 134	F6S 411	-				
R/L153S-2020x20x4/60-75 R/L153S-2525x20x4/60-75 R/L153S-3225x20x4/60-75	20 25 32	20 25 25	125 150 170	20	4-4,5	60-75	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M			MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4b MT-4c	MS-4 MS-4D MZ-4 MP-4 MP-40 MA-40 MB-4F ³⁾ MT-40Fr ³⁾
R/L153S-2525x25x4/60-75 R/L153S-3225x25x4/60-75	25 32	25 25	150 170	25	4-4,5	60-75	✗SHR 254MT	✗SHL 254MT	F6S 418	BF 04M				
R/L153S-2020x12x4/75-100T R/L153S-2525x12x4/75-100T R/L153S-3225x12x4/75-100T	20 25 32	20 25 25	125 150 170	12	4-4,5	75-100	✗SHR 134	✗SHL 134	F6S 411	-	NY 2.5			
R/L153S-2020x20x4/75-100 R/L153S-2525x20x4/75-100 R/L153S-3225x20x4/75-100	20 25 32	20 25 25	125 150 170	20	4-4,5	75-100	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M				
R/L153S-2525x25x4/75-100 R/L153S-3225x25x4/75-100	25 32	25 25	150 170	25	4-4,5	75-100	✗SHR 254MT	✗SHL 254MT	F6S 418	BF 04M				
R/L153S-2020x12x4/100-140T R/L153S-2525x12x4/100-140T R/L153S-3225x12x4/100-140T	20 25 32	20 25 25	125 150 170	12	4-4,5	100-140	✗SHR 134	✗SHL 134	F6S 411	-				
R/L153S-2020x20x4/100-140 R/L153S-2525x20x4/100-140 R/L153S-3225x20x4/100-140	20 25 32	20 25 25	125 150 170	20	4-4,5	100-140	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M				
R/L153S-2525x25x4/100-140 R/L153S-3225x25x4/100-140	25 32	25 25	150 170	25	4-4,5	100-140	✗SHR 254MT	✗SHL 254MT	F6S 418	BF 04M				
R/L153S-2020x12x4/140-190T R/L153S-2525x12x4/140-190T R/L153S-3225x12x4/140-190T	20 25 32	20 25 25	125 150 170	12	4-4,5	140-190	✗SHR 134	✗SHL 134	F6S 411	-				



- 2) Right-hand inserts (R) are used in right-hand holders and left-hand inserts (L) in left-hand holders.
 2) Rechtsschneiden (R) werden in Rechtshaltern und Linksschneiden (L) in Linkshaltern verwendet.
 2) Högerskår (R) används i högerhållare och vänsterskår (L) i vänsterhållare.

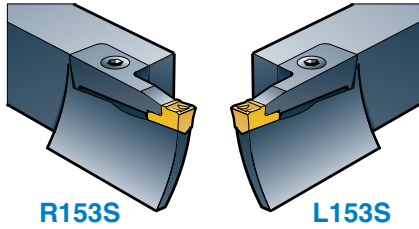
- 3) See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
 3) Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
 3) Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktyghållaren.

* Selection of cutting geometry, page:
 Wahl der Schneidengeometrie, Seite:
 Val av skärgeometri, sid:

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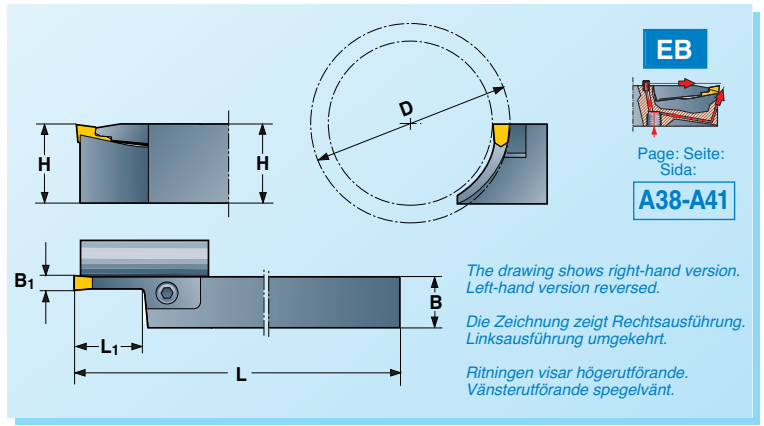


153S

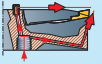


R153S

L153S



EB



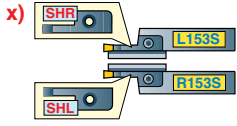
Page: Seite:
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A38-A41

The drawing shows right-hand version.
Left-hand version reversed.

Die Zeichnung zeigt Rechtsausführung.
Linksausführung umgekehrt.

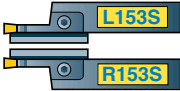
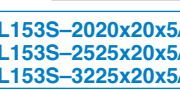






Ritningen visar högerutförande.
Vänsterutförande spegelvänt.



- x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
- x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hällare och spännhake SHL i R-hällare.

		H	B	L	L ₁	B ₁	D							Page: Seite: Sida: A130-A148
R/L 153S-2020x20x4/140-190		20	20	125										
R/L 153S-2525x20x4/140-190		25	25	150	20	4-4,5	140-190	x)SHR 204MT	x)SHL 204MT	F6S 418	BF 04M			
R/L 153S-3225x20x4/140-190		32	25	170										
R/L 153S-2525x25x4/140-190		25	25	150	25	4-4,5	140-190	x)SHR 254MT	x)SHL 254MT	F6S 418	BF 04M			
R/L 153S-3225x25x4/140-190		32	25	170										
R/L 153S-2020x12x4/190-∞T		20	20	125										
R/L 153S-2525x12x4/190-∞T		25	25	150	12	4-4,5	190-∞	x)SHR 134	x)SHL 134	F6S 411	-			
R/L 153S-3225x12x4/190-∞T		32	25	170										
R/L 153S-2020x20x4/190-300		20	20	125										
R/L 153S-2525x20x4/190-300		25	25	150	20	4-4,5	190-300	x)SHR 204MT	x)SHL 204MT	F6S 418	BF 04M	NY 2.5		
R/L 153S-3225x20x4/190-300		32	25	170										
R/L 153S-2525x25x4/190-300		25	25	150	25	4-4,5	190-300	x)SHR 254MT	x)SHL 254MT	F6S 418	BF 04M			
R/L 153S-3225x25x4/190-300		32	25	170										
R/L 153S-2020x20x4/300-∞		20	20	125										
R/L 153S-2525x20x4/300-∞		25	25	150	20	4-4,5	300-∞	x)SHR 204MT	x)SHL 204MT	F6S 418	BF 04M			
R/L 153S-3225x20x4/300-∞		32	25	170										
R/L 153S-2525x25x4/300-∞		25	25	150	25	4-4,5	300-∞	x)SHR 254MT	x)SHL 254MT	F6S 418	BF 04M			
R/L 153S-3225x25x4/300-∞		32	25	170										
R/L 153S-1616x12x5/30-40		16	16	110										
R/L 153S-2020x12x5/30-40		20	20	125	12	5	30-40	x)SHR 135P	x)SHL 135P	F6S 411	-	NY 2.5		
R/L 153S-2525x12x5/30-40		25	25	150										
R/L 153S-2020x20x5/30-40		20	20	125	20	5	30-40	x)SHR 205MP	x)SHL 205MP	F6S 418	BF 04M			
R/L 153S-2525x20x5/30-40		25	25	150										
R/L 153S-1616x12x5/40-50		16	16	110										
R/L 153S-2020x12x5/40-50		20	20	125	12	5	40-50	x)SHR 135	x)SHL 135	F6S 411	-	NY 2.5		
R/L 153S-2525x12x5/40-50		25	25	150										
R/L 153S-2020x20x5/40-50		20	20	125	20	5	40-50	x)SHR 205MT	x)SHL 205MT	F6S 418	BF 04M			
R/L 153S-2525x20x5/40-50		25	25	150										
R/L 153S-2020x12x5/50-60T		20	20	125										
R/L 153S-2525x12x5/50-60T		25	25	150	12	5	50-60	x)SHR 135	x)SHL 135	F6S 411	-			
R/L 153S-3225x12x5/50-60T		32	25	170										
R/L 153S-2020x20x5/50-60		20	20	125										
R/L 153S-2525x20x5/50-60		25	25	150	20	5	50-60	x)SHR 205MT	x)SHL 205MT	F6S 418	BF 04M			
R/L 153S-3225x20x5/50-60		32	25	170										
R/L 153S-2525x25x5/50-60		25	25	150	25	5	50-60	x)SHR 255MT	x)SHL 255MT	F6S 418	BF 04M			
R/L 153S-3225x25x5/50-60		32	25	170										
R/L 153S-2020x12x5/60-75T		20	20	125										
R/L 153S-2525x12x5/60-75T		25	25	150	12	5	60-75	x)SHR 135	x)SHL 135	F6S 411	-			
R/L 153S-3225x12x5/60-75T		32	25	170										
R/L 153S-2020x20x5/60-75		20	20	125										
R/L 153S-2525x20x5/60-75		25	25	150	20	5	60-75	x)SHR 205MT	x)SHL 205MT	F6S 418	BF 04M	NY 2.5		
R/L 153S-3225x20x5/60-75		32	25	170										
R/L 153S-2525x25x5/60-75		25	25	150	25	5	60-75	x)SHR 255MT	x)SHL 255MT	F6S 418	BF 04M			
R/L 153S-3225x25x5/60-75		32	25	170										
R/L 153S-2020x12x5/75-100T		20	20	125										
R/L 153S-2525x12x5/75-100T		25	25	150	12	5	75-100	x)SHR 135	x)SHL 135	F6S 411	-			
R/L 153S-3225x12x5/75-100T		32	25	170										
R/L 153S-2020x20x5/75-100		20	20	125										
R/L 153S-2525x20x5/75-100		25	25	150	20	5	75-100	x)SHR 205MT	x)SHL 205MT	F6S 418	BF 04M			
R/L 153S-3225x20x5/75-100		32	25	170										
R/L 153S-2525x25x5/75-100		25	25	150	25	5	75-100	x)SHR 255 MT	x)SHL 255MT	F6S 418	BF 04M			
R/L 153S-3225x25x5/75-100		32	25	170										
R/L 153S-2020x12x5/100-140T		20	20	125										
R/L 153S-2525x12x5/100-140T		25	25	150	12	5	100-140	x)SHR 135	x)SHL 135	F6S 411	-			
R/L 153S-3525x12x5/100-140T		32	25	170										

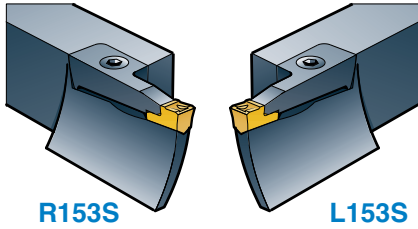
- MT-4
 - MT-3.7r³⁾
 - MT-4r1
 - MT-4.5r1
 - MT-4b
 - MT-4c
 - MS-4
 - MS-4D
 - MZ-4
 - MP-4
 - MP-40
 - MA-40
 - MB-4F³⁾
 - MT-40Fr³⁾
-
- D=30-35
 - MT-5X
 - MT-5r1X
 - MT-5cX
 - MP-5X
 - MB-5FXU³⁾
 - D=35-40
 - MT-5
 - MT-5r1
 - MT-5c
 - MP-5
 - MA-50
 - MB-5FU³⁾
-
- MT-5
 - MT-5r1
 - MT-5b
 - MT-5c
 - MS-5
 - MZ-5
 - MP-5
 - MA-50
 - MB-5F³⁾
 - MT-50Fr³⁾

 	H	B	L	L ₁	B ₁	D							Page: Seite: Sida:		
R/L 153S-2020x20x5/100-140 R/L 153S-2525x20x5/100-140 R/L 153S-3225x20x5/100-140	20 25 32	20 25 25	125 150 170	20	5	100-140	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M	NY 2.5	MT-5 MT-5r1 MT-5b MT-5c MS-5 MZ-5 MP-5 MA-50 MB-5F ³⁾ MT-50Fr ³⁾	A130-A148		
R/L 153S-2525x25x5/100-140 R/L 153S-3225x25x5/100-140	25 32	25 25	150 170	25	5	100-140	✗SHR 255MT	✗SHL 255MT	F6S 418	BF 04M					
R/L 153S-2020x12x5/140-190T R/L 153S-2525x12x5/140-190T R/L 153S-3225x12x5/140-190T	20 25 32	20 25 25	125 150 170	12	5	140-190	✗SHR 135	✗SHL 135	F6S 411	-					
R/L 153S-2020x20x5/140-190 R/L 153S-2525x20x5/140-190 R/L 153S-3225x20x5/140-190	20 25 32	20 25 25	125 150 170	20	5	140-190	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M					
R/L 153S-2525x25x5/140-190 R/L 153S-3225x25x5/140-190	25 32	25 25	150 170	25	5	140-190	✗SHR 255MT	✗SHL 255MT	F6S 418	BF 04M					
R/L 153S-2020x12x5/190-∞T R/L 153S-2525x12x5/190-∞T R/L 153S-3225x12x5/190-∞T	20 25 32	20 25 25	125 150 170	12	5	190-∞	✗SHR 135	✗SHL 135	F6S 411	-					
R/L 153S-2020x20x5/190-300 R/L 153S-2525x20x5/190-300 R/L 153S-3225x20x5/190-300	20 25 32	20 25 25	125 150 170	20	5	190-300	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M					
R/L 153S-2525x25x5/190-300 R/L 153S-3225x25x5/190-300	25 32	25 25	150 170	25	5	190-300	✗SHR 255MT	✗SHL 255MT	F6S 418	BF 04M					
R/L 153S-2020x20x5/300-∞ R/L 153S-2525x20x5/300-∞ R/L 153S-3225x20x5/300-∞	20 25 32	20 25 25	125 150 170	20	5	300-∞	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M					
R/L 153S-2525x25x5/300-∞ R/L 153S-3225x25x5/300-∞	25 32	25 25	150 170	25	5	300-∞	✗SHR 255MT	✗SHL 255MT	F6S 418	BF 04M					
R/L 153S-1616x12x6/40-50 R/L 153S-2020x12x6/40-50 R/L 153S-2525x12x6/40-50	16 20 25	16 20 25	110 125 150	12	6-7,5	40-50	✗SHR 136	✗SHL 136	F6S 411	-				NY 2.5	
R/L 153S-2020x20x6/40-50 R/L 153S-2525x20x6/40-50	20 25	20 25	125 150	20	6-7,5	40-50	✗SHR 206MT	✗SHL 206MT	F6S 418	BF 04M					
R/L 153S-2020x12x6/50-60T R/L 153S-2525x12x6/50-60T R/L 153S-3225x12x6/50-60T	20 25 32	20 25 25	125 150 170	12	6-7,5	50-60	✗SHR 136	✗SHL 136	F6S 411	-					
R/L 153S-2020x20x6/50-60 R/L 153S-2525x20x6/50-60 R/L 153S-3225x20x6/50-60	20 25 32	20 25 25	125 150 170	20	6-7,5	50-60	✗SHR 206MT	✗SHL 206MT	F6S 418	BF 04M					
R/L 153S-2525x25x6/50-60 R/L 153S-3225x25x6/50-60	25 32	25 25	150 170	25	6-7,5	50-60	✗SHR 256MT	✗SHL 256MT	F6S 418	BF 04M					
R/L 153S-3225x32x6/50-60	32	25	170	32	6-7,5	50-60	✗SHR 326MT	✗SHL 326MT	F6S 519	BF 05M	NY 3				
R/L 153S-2020x12x6/60-75T R/L 153S-2525x12x6/60-75T R/L 153S-3225x12x6/60-75T	20 25 32	20 25 25	125 150 170	12	6-7,5	60-75	✗SHR 136	✗SHL 136	F6S 411	-	NY 2.5	MT-6 MT-6.4r1 MT-6b MT-6c MS-6 MZ-6 MP-6 MA-60 MT-60Fr MT-7 MT-7.5r1 MT-7b MT-7c			
R/L 153S-2020x20x6/60-75 R/L 153S-2525x20x6/60-75 R/L 153S-3225x20x6/60-75	20 25 32	20 25 25	125 150 170	20	6-7,5	60-75	✗SHR 206MT	✗SHL 206MT	F6S 418	BF 04M					
R/L 153S-2525x25x6/60-75 R/L 153S-3225x25x6/60-75	25 32	25 25	150 170	25	6-7,5	60-75	✗SHR 256MT	✗SHL 256MT	F6S 418	BF 04M					
R/L 153S-3225x32x6/60-75	32	25	170	32	6-7,5	60-75	✗SHR 326MT	✗SHL 326MT	F6S 519	BF 05M			NY 3		
R/L 153S-2020x12x6/75-100T R/L 153S-2525x12x6/75-100T R/L 153S-3225x12x6/75-100T	20 25 32	20 25 25	125 150 170	12	6-7,5	75-100	✗SHR 136	✗SHL 136	F6S 411	-	NY 2.5				
R/L 153S-2020x20x6/75-100 R/L 153S-2525x20x6/75-100 R/L 153S-3225x20x6/75-100	20 25 32	20 25 25	125 150 170	20	6-7,5	75-100	✗SHR 206MT	✗SHL 206MT	F6S 418	BF 04M					
R/L 153S-2525x25x6/75-100 R/L 153S-3225x25x6/75-100	25 32	25 25	150 170	25	6-7,5	75-100	✗SHR 256MT	✗SHL 256MT	F6S 418	BF 04M					
R/L 153S-3225x32x6/75-100	32	25	170	32	6-7,5	75-100	✗SHR 326MT	✗SHL 326MT	F6S 519	BF 05M	NY 3				
R/L 153S-2020x12x6/100-140T R/L 153S-2525x12x6/100-140T R/L 153S-3225x12x6/100-140T	20 25 32	20 25 25	125 150 170	12	6-7,5	100-140	✗SHR 136	✗SHL 136	F6S 411	-	NY 2.5				
R/L 153S-2020x20x6/100-140 R/L 153S-2525x20x6/100-140 R/L 153S-3225x20x6/100-140	20 25 32	20 25 25	125 150 170	20	6-7,5	100-140	✗SHR 206MT	✗SHL 206MT	F6S 418	BF 04M					
R/L 153S-2525x25x6/100-140 R/L 153S-3225x25x6/100-140	25 32	25 25	150 170	25	6-7,5	100-140	✗SHR 256MT	✗SHL 256MT	F6S 418	BF 04M					
R/L 153S-3225x32x6/100-140	32	25	170	32	6-7,5	100-140	✗SHR 326MT	✗SHL 326MT	F6S 519	BF 05M			NY 3		
R/L 153S-2020x12x6/140-190T R/L 153S-2525x12x6/140-190T R/L 153S-3225x12x6/140-190T	20 25 32	20 25 25	125 150 170	12	6-7,5	140-190	✗SHR 136	✗SHL 136	F6S 411	-			NY 2.5		

* Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite: **A44-A58**
Val av skärgeometri, sid:

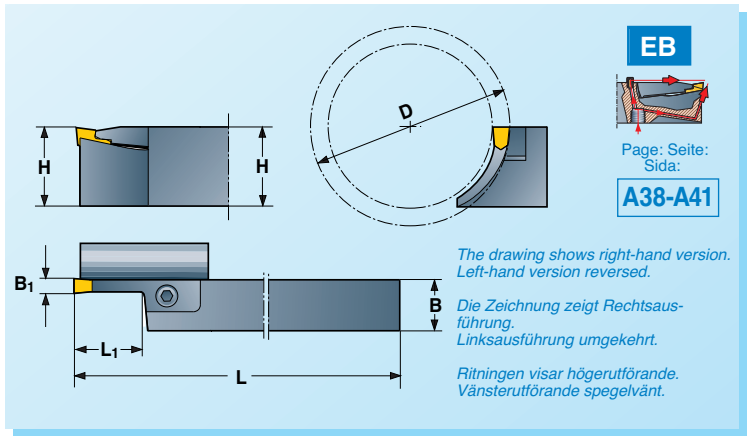
- 3) See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
3) Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
3) Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktygshållaren.

153S



R153S

L153S

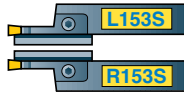









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Page: Seite:
Sida:
A38-A41

- x) SHR is used in L-holders and SHL in R-holders.
- x) Spännhaken SHR wird in L-Haltern und Spännhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

	H	B	L	L ₁	B ₁	D							Page: Seite: Sida:
R/L 153S-2020x20x6/140-190 R/L 153S-2525x20x6/140-190 R/L 153S-3225x20x6/140-190	20 25 32	20 25 25	125 150 170		20	6-7,5	140-190	x)SHR 206MT	x)SHL 206MT	F6S 418	BF 04M	NY 2.5	MT-6 MT-6.4r1 MT-6b MT-6c MS-6 MZ-6 MP-6 MA-60 MT-60Fr ³⁾ MT-7 MT-7.5r1 MT-7b MT-7c
R/L 153S-2525x25x6/140-190 R/L 153S-3225x25x6/140-190	25 32	25 25	150 170	25	6-7,5	140-190	x)SHR 256MT	x)SHL 256MT	F6S 418	BF 04M			
R/L 153S-3225x32x6/140-190 R/L 153S-4032x32x6/140-190	32 40	25 32	170 200	32	6-7,5	140-190	x)SHR 326MT	x)SHL 326MT	F6S 519	BF 05M	NY 3		
R/L 153S-2020x12x6/190-∞T R/L 153S-2525x12x6/190-∞T R/L 153S-3225x12x6/190-∞T	20 25 32	20 25 25	125 150 170	12	6-7,5	190-∞	x)SHR 136	x)SHL 136	F6S 411	-			
R/L 153S-2020x20x6/190-300 R/L 153S-2525x20x6/190-300 R/L 153S-3225x20x6/190-300	20 25 32	20 25 25	125 150 170	20	6-7,5	190-300	x)SHR 206MT	x)SHL 206MT	F6S 418	BF 04M	NY 2.5		
R/L 153S-2525x25x6/190-300 R/L 153S-3225x25x6/190-300	25 32	25 25	150 170	25	6-7,5	190-300	x)SHR 256MT	x)SHL 256MT	F6S 418	BF 04M			
R/L 153S-3225x32x6/190-300 R/L 153S-4032x32x6/190-300	32 40	25 32	170 200	32	6-7,5	190-300	x)SHR 326MT	x)SHL 326MT	F6S 519	BF 05M	NY 3		
R/L 153S-2020x20x6/300-∞ R/L 153S-2525x20x6/300-∞ R/L 153S-3225x20x6/300-∞	20 25 32	20 25 25	125 150 170	20	6-7,5	300-∞	x)SHR 206MT	x)SHL 206MT	F6S 418	BF 04M	NY 2.5		
R/L 153S-2525x25x6/300-∞ R/L 153S-3225x25x6/300-∞	25 32	25 25	150 170	25	6-7,5	300-∞	x)SHR 256MT	x)SHL 256MT	F6S 418	BF 04M			
R/L 153S-3225x32x6/300-∞ R/L 153S-4032x32x6/300-∞	32 40	25 32	170 200	32	6-7,5	300-∞	x)SHR 326MT	x)SHL 326MT	F6S 519	BF 05M	NY 3		
R/L 153S-2525x20x8/75-100 R/L 153S-3225x20x8/75-100	25 32	25 25	150 170	20	8-9	75-100	x)SHR 208MT	x)SHL 208MT	F6S 519	BF 05M			
R/L 153S-4032x30x8/75-100	40	32	200	30	8-9	75-100	x)SHR 308MT	x)SHL 308MT	F6S 519	BF 05M			
R/L 153S-2525x20x8/100-140 R/L 153S-3225x20x8/100-140	25 32	25 25	150 170	20	8-9	100-140	x)SHR 208MT	x)SHL 208MT	F6S 519	BF 05M	NY 3		
R/L 153S-4032x30x8/100-140	40	32	200	30	8-9	100-140	x)SHR 308MT	x)SHL 308MT	F6S 519	BF 05M			
R/L 153S-2525x20x8/140-190 R/L 153S-3225x20x8/140-190	25 32	25 25	150 170	20	8-9	140-190	x)SHR 208MT	x)SHL 208MT	F6S 519	BF 05M			
R/L 153S-4032x30x8/140-190 R/L 153S-4032x50x8/140-190	40 40	32 32	200 200	30 50	8-9	140-190	x)SHR 308MT	x)SHL 308MT SHN 8T	F6S 519 F6S 418	BF 05M BF 04T	NY 3 NY 2.5		
R/L 153S-2525x20x8/190-∞ R/L 153S-3225x20x8/190-∞	25 32	25 25	150 170	20	8-9	190-∞	x)SHR 208MT	x)SHL 208MT	F6S 519	BF 05M	NY 3		
R/L 153S-4032x30x8/190-300 R/L 153S-4032x50x8/190-300	40 40	32 32	200 200	30 50	8-9	190-300	x)SHR 308MT	x)SHL 308MT SHN 8T	F6S 519 F6S 418	BF 05M BF 04T	NY 3 NY 2.5		
R/L 153S-4032x30x8/300-∞ R/L 153S-4032x50x8/300-500 R/L 153S-4032x50x8/500-∞	40 40 40	32 32 32	200 200 200	30 50 50	8-9	300-∞ 300-500 500-∞	x)SHR 308MT	x)SHL 308MT	F6S 519	BF 05M	NY 3		
							SHN 8T		F6S 418	BF 04T	NY 2.5		
R/L 153S-3225x20x10/75-100 R/L 153S-4032x30x10/75-100	32 40	25 32	170 200	20 30	10-11	75-100	x)SHR 2010MT	x)SHL 2010MT	F6S 519	BF 05M			
R/L 153S-3225x20x10/100-140 R/L 153S-4032x30x10/100-140	32 40	25 32	170 200	20 30	10-11	100-140	x)SHR 2010MT	x)SHL 2010MT	F6S 519	BF 05M			
R/L 153S-3225x20x10/140-190 R/L 153S-4032x30x10/140-190 R/L 153S-4032x50x10/140-190	32 40 40	25 32 32	170 200 200	20 30 50	10-11	140-190	x)SHR 2010MT	x)SHL 2010MT	F6S 519	BF 05M	NY 3		
R/L 153S-3225x20x10/190-∞	32	25	170	20	10-11	190-∞	x)SHR 2010MT	x)SHL 2010MT	F6S 519	BF 05M			
R/L 153S-4032x30x10/190-300 R/L 153S-4032x50x10/190-300	40 40	32 32	200 200	30 50	10-11	190-300	x)SHR 3010MT	x)SHL 3010MT	F6S 519	BF 05M			
R/L 153S-4032x30x10/300-∞ R/L 153S-4032x50x10/300-∞	40 40	32 32	200 200	30 50	10-11	300-∞	x)SHR 3010MT	x)SHL 3010MT	F6S 519	BF 05M			

Page:
Seite:
Sida:
A130-A148

 	H	B	L	L ₁	B ₁	D	 						Page: Seite: Sida:
							SHR	SHL					A130-A148
R/L153S-4032x30x12/75-100 R/L153S-4032x40x12/75-100	40 40	32 32	200 200	30 40	12	75-100	✗SHR 3012MT ✗SHR 4012MT	✗SHL 3012MT ✗SHL 4012MT	F6S 519 F6S 526	BF 05M BF 05M	NY 3	MT-12 MT-12c MS-12 MZ-12	A
R/L153S-4032x30x12/100-140 R/L153S-4032x40x12/100-140	40 40	32 32	200 200	30 40	12	100-140	✗SHR 3012MT ✗SHR 4012MT	✗SHL 3012MT ✗SHL 4012MT	F6S 519 F6S 526	BF 05M BF 05M			
R/L153S-4032x30x12/140-190 R/L153S-4032x50x12/140-190	40 40	32 32	200 200	30 50	12	140-190	✗SHR 3012MT SHN 12T	✗SHL 3012MT SHL 12T	F6S 519 F6S 519	BF 05M BF 05T			
R/L153S-4032x30x12/190-300 R/L153S-4032x50x12/190-300	40 40	32 32	200 200	30 50	12	190-300	✗SHR 3012MT SHN 12T	✗SHL 3012MT SHL 12T	F6S 519 F6S 519	BF 05M BF 05T			
R/L153S-4032x30x12/300-∞ R/L153S-4032x50x12/300-∞	40 40	32 32	200 200	30 50	12	300-∞	✗SHR 3012MT SHN 12T	✗SHL 3012MT SHL 12T	F6S 519 F6S 519	BF 05M BF 05T			

Ordering example:

Bestellbeispiel:

R153S-2525 x 20 x 4/50-60

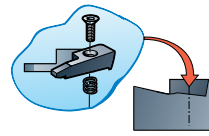
Beställningsexempel:



Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sid:

A44-A58

- 3) See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
- 3) Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
- 3) Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktygshållaren.



Spare parts shown in the coloured columns are supplied assembled in each tool.

Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

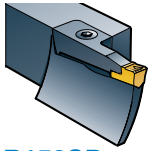
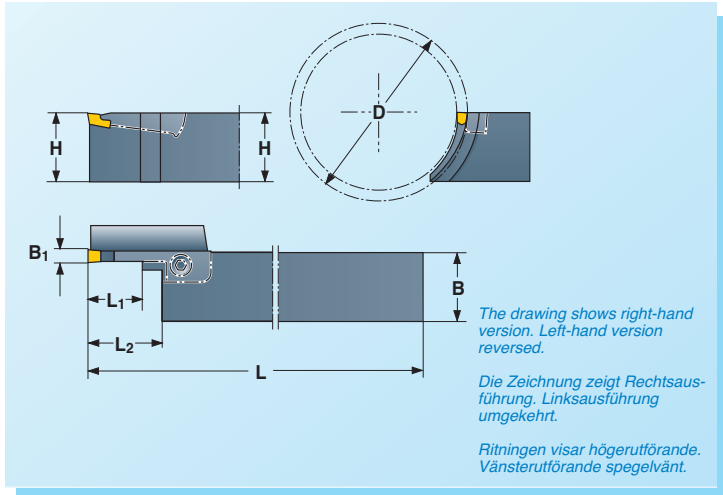
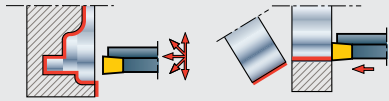
Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

153SD

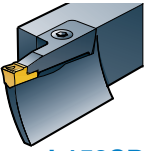
153CD

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Sida: **A24**



R153SD



L153SD

$B_1 = 3 \text{ mm}$

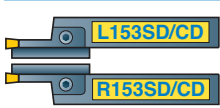


R153CD



L153CD

$B_1 = 4 \text{ mm}$



	H	B	L	L ₁	L ₂	B ₁	D	SHR	SHL	Screw	Spring	Hex Key	* Page: Seite: Sida: A130-A148					
²⁾ R/L 153SD–2020x15/20x3/30–35 ²⁾ R/L 153SD–2525x15/20x3/30–35 ²⁾ R/L 153SD–2020x15/20x3/35–40 ²⁾ R/L 153SD–2525x15/20x3/35–40	20 25	20 25	125 150	15	20	3	30–35	x) SHR 15/203MP	x) SHL 15/203MP	F6S 418	BF 04M	NY 2,5	D = 30–40 MT-3 MP-3 MT-3.1r0.5 MP-30 MT-3c MB-3FU ³⁾ D = 35–40 MA-30					
²⁾ R/L 153SD–2020x15/20x3/40–50 ²⁾ R/L 153SD–2525x15/20x3/40–50	20 25	20 25	125 150	15	20	3	40–50	x) SHR 15/203MP	x) SHL 15/203MP	F6S 418	BF 04M	NY 2.5	MT-3 MZ-3 MT-3.1r0.5 MP-3 MT-3b MP-30 MT-3c MA-30 MS-3 MB-3FU ³⁾ MS-3D					
²⁾ R/L 153SD–2020x15/20x3/50–60 ²⁾ R/L 153SD–2525x15/20x3/50–60 ²⁾ R/L 153SD–2020x15/20x3/60–75 ²⁾ R/L 153SD–2525x15/20x3/60–75 ²⁾ R/L 153SD–2020x15/20x3/75–100 ²⁾ R/L 153SD–2525x15/20x3/75–100 ²⁾ R/L 153SD–2525x15/20x3/100–140 ²⁾ R/L 153SD–2525x15/20x3/140–190	20 25	20 25	125 150	15	20	3	50–60	x) SHR203M	x) SHL203M	F6S 418	BF 04M	NY 2.5	MT-3 MZ-3 MT-3.1r0.5 MP-3 MT-3b MP-30 MT-3c MA-30 MS-3 MB-3FU ³⁾ MS-3D MT-30F ³⁾					
⁴⁾ R/L 153CD–2525x32/40x4/40–50	25	25	150	32	40	4	40-50						–	–	–	–	¹⁾ EX5NY	MT-4 MZ-4 MT-3.7r1 ³⁾ MP-4 MT-4r1 MP-40 MT-4.5r1 MA-40 MT-4b MB-4FU ³⁾ MT-4c MS-4 MS-4D
⁴⁾ R/L 153CD–2525x32/40x4/50–60 ⁴⁾ R/L 153CD–2525x32/40x4/60–75 ⁴⁾ R/L 153CD–2525x32/40x4/75–100 ⁴⁾ R/L 153CD–2525x32/40x4/100–140 ⁴⁾ R/L 153CD–2525x32/40x4/140–190	25	25	150	32	40	4	50–60						–	–	–	–	¹⁾ EX5NY	MT-4 MZ-4 MT-3.7r1 ³⁾ MP-4 MT-4r1 MP-40 MT-4.5r1 MA-40 MT-4b MB-4FU ³⁾ MT-4c MT-40F ³⁾ MS-4 MS-4D

¹⁾ Ordered separately. Ist separat zu bestellen. Beställs separat.
EX5NY

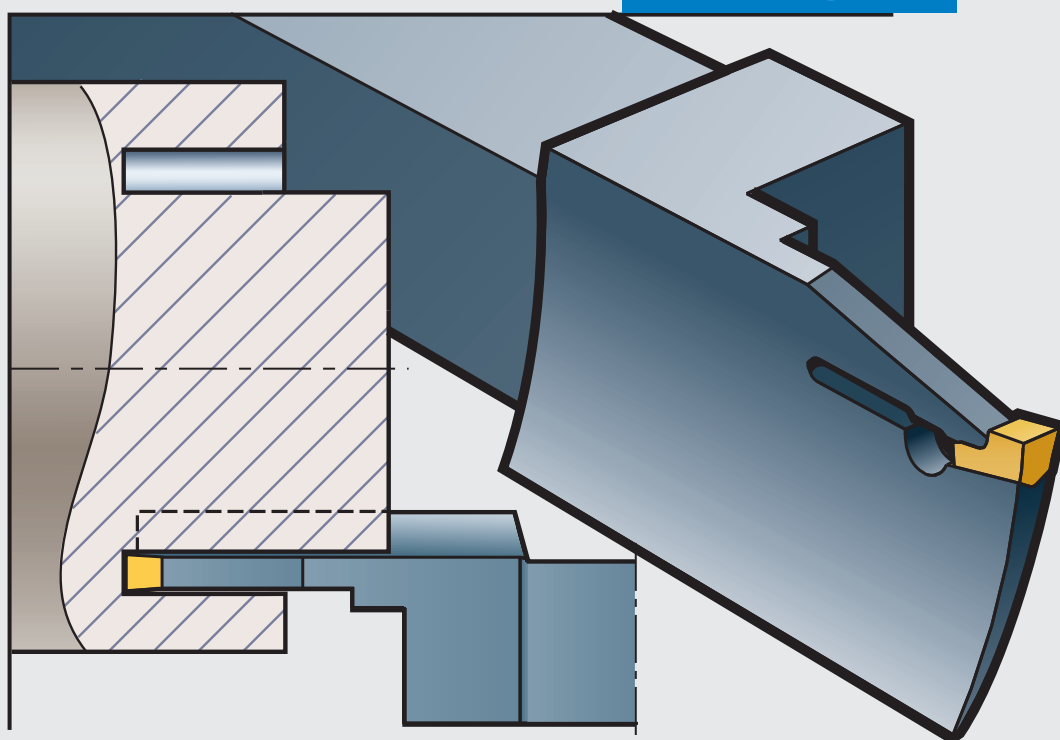
³⁾ See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
³⁾ Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
³⁾ Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktygshållaren.

^{x)}
^{x)} Clamp SHR is used in L-holders and clamp SHL in R-holders.
^{x)} Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
^{x)} Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

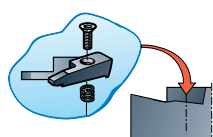
²⁾ Design of the clamp permits modification of the tool holder to 20 mm entry length.
²⁾ Die Ausführung des Spannhakens lässt eine Änderung des Werkzeughalters zu 20 mm Einstechlänge zu.
²⁾ Spännhakens utformning medger modifiering av verktygshållaren till 20 mm insticksängd.

⁴⁾ Design of the clamp permits modification of the tool holder to larger entry length.
⁴⁾ Die Ausführung des Spannhakens lässt eine Änderung des Werkzeughalters zu grösserer Einstechlänge zu.
⁴⁾ Spännhakens utformning medger modifiering av verktygshållaren till större insticksängd.

153CD



Ordering example: **R153SD-2525 x15/20x3/50-60**
 Bestellbeispiel:
 Beställningsexempel:



Spare parts shown in the coloured columns are supplied assembled in each tool.

Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.



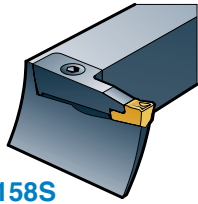
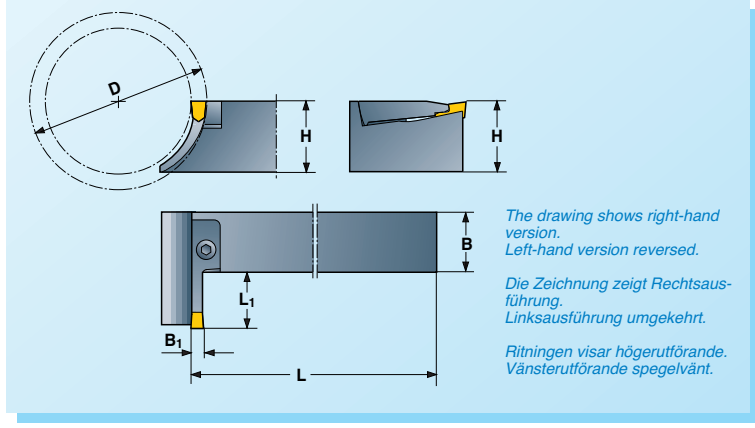
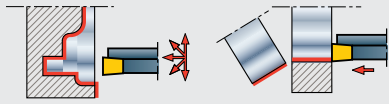
Selection of cutting geometry, page:
 Wahl der Schneidengeometrie, Seite:
 Val av skärgeometri, sid:

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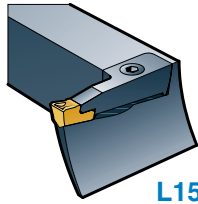
158S

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Sida: **A25**

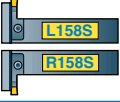








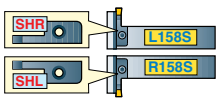
R158S

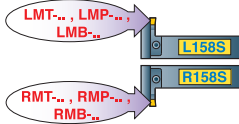



L158S

	H	B	L	L ₁	B ₁	D	SHR	SHL					Page: Seite: Sida: A130-A148	
See type 153E, 153E-00 and 158E, page: Siehe Typ 153E, 153E-00 und 158E, Seite: Se typ 153E, 153E-00 och 158E, sid:	A83-A86						14-							
R/L158S-1616x10x2/20-23 R/L158S-2020x10x2/20-23 R/L158S-2525x10x2/20-23	16 20 25	16 20 25	110 125 150	10	2	20-23			F6S 415 F6S 418 F6S 418					
R/L158S-1616x10x2/23-26 R/L158S-2020x10x2/23-26 R/L158S-2525x10x2/23-26	16 20 25	16 20 25	110 125 150	10	2	23-26	x) SHR 102Z	x) SHL 102Z	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5	R/LMT-20Z ²⁾ R/LMP-20Z ²⁾		
R/L158S-1616x10x2/26-30 R/L158S-2020x10x2/26-30 R/L158S-2525x10x2/26-30	16 20 25	16 20 25	110 125 150	10	2	26-30			F6S 415 F6S 418 F6S 418					
R/L158S-1616x10x2/30-35 R/L158S-2020x10x2/30-35 R/L158S-2525x10x2/30-35	16 20 25	16 20 25	110 125 150	10	2	30-35	x) SHR 102P	x) SHL 102P	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5	MT-20 MP-20 MA-20		
R/L158S-1616x10x2/35-40 R/L158S-2020x10x2/35-40 R/L158S-2525x10x2/35-40	16 20 25	16 20 25	110 125 150	10	2	35-40			F6S 415 F6S 418 F6S 418					
R/L158S-1616x10x2/40-45 R/L158S-2020x10x2/40-45 R/L158S-2525x10x2/40-45	16 20 25	16 20 25	110 125 150	10	2	40-45	x) SHR 102	x) SHL 102	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5			
R/L158S-1616x10x2/45-50 R/L158S-2020x10x2/45-50 R/L158S-2525x10x2/45-50	16 20 25	16 20 25	110 125 150	10	2	45-50			F6S 415 F6S 418 F6S 418					
R/L158S-2020x10x2/50-55 R/L158S-2525x10x2/50-55	20 25	20 25	125 150	10	2	50-55						MT-20 MS-20 MZ-20 MP-20 MA-20		
R/L158S-2020x10x2/55-60 R/L158S-2525x10x2/55-60	20 25	20 25	125 150	10	2	55-60								
R/L158S-2020x10x2/60-70 R/L158S-2525x10x2/60-70	20 25	20 25	125 150	10	2	60-70	x) SHR 102	x) SHL 102	F6S 418	BF 04T	NY 2.5			
R/L158S-2020x10x2/70-80 R/L158S-2525x10x2/70-80	20 25	20 25	125 150	10	2	70-80								
R/L158S-2020x10x2/80-90 R/L158S-2525x10x2/80-90	20 25	20 25	125 150	10	2	80-90								
R/L158S-2020x10x2/90-100 R/L158S-2525x10x2/90-100	20 25	20 25	125 150	10	2	90-100								
R/L158S-1616x12x2.5/20-23 R/L158S-2020x12x2.5/20-23 R/L158S-2525x12x2.5/20-23	16 20 25	16 20 25	110 125 150	12	2,5	20-23			F6S 415 F6S 418 F6S 418					
R/L158S-1616x12x2.5/23-26 R/L158S-2020x12x2.5/23-26 R/L158S-2525x12x2.5/23-26	16 20 25	16 20 25	110 125 150	12	2,5	23-26	x) SHR 122.5Z	x) SHL 122.5Z	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5	R/LMT-25Z ²⁾ R/LMT-2.3r0.5Z ²⁾ R/LMP-25Z ²⁾		
R/L158S-1616x12x2.5/26-30 R/L158S-2020x12x2.5/26-30 R/L158S-2525x12x2.5/26-30	16 20 25	16 20 25	110 125 150	12	2,5	26-30			F6S 415 F6S 418 F6S 418					
R/L158S-1616x12x2.5/30-35 R/L158S-2020x12x2.5/30-35 R/L158S-2525x12x2.5/30-35	16 20 25	16 20 25	110 125 150	12	2,5	30-35	x) SHR 122.5P	x) SHL 122.5P	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5	MT-25 MT-25FR ³⁾ MP-25 MA-25		
R/L158S-1616x12x2.5/35-40 R/L158S-2020x12x2.5/35-40 R/L158S-2525x12x2.5/35-40	16 20 25	16 20 25	110 125 150	12	2,5	35-40			F6S 415 F6S 418 F6S 418					

	H	B	L	L ₁	B ₁	D								
R/L158S-1616x12x2.5/40-45 R/L158S-2020x12x2.5/40-45 R/L158S-2525x12x2.5/40-45	16 20 25	16 20 25	110 125 150	12	2,5	40-45	x) SHR 122.5	x) SHL 122.5	F6S 415 F6S 418 F6S 418	BF 04T	NY 2.5	MT-25 MT-25Fr ³⁾ MT-2.3r0.5 MS-25 MZ-25 MP-25 MA-25		
R/L158S-1616x12x2.5/45-50 R/L158S-2020x12x2.5/45-50 R/L158S-2525x12x2.5/45-50	16 20 25	16 20 25	110 125 150	12	2,5	45-50			F6S 415 F6S 418 F6S 418					
R/L158S-2020x12x2.5/50-55 R/L158S-2525x12x2.5/50-55	20 25	20 25	125 150	12	2,5	50-55								
R/L158S-2020x12x2.5/55-60 R/L158S-2525x12x2.5/55-60	20 25	20 25	125 150	12	2,5	55-60								
R/L158S-2020x12x2.5/60-70 R/L158S-2525x12x2.5/60-70	20 25	20 25	125 150	12	2,5	60-70	x) SHR 122.5	x) SHL 122.5	F6S 418	BF 04T				
R/L158S-2020x12x2.5/70-80 R/L158S-2525x12x2.5/70-80	20 25	20 25	125 150	12	2,5	70-80								
R/L158S-2020x12x2.5/80-90 R/L158S-2525x12x2.5/80-90	20 25	20 25	125 150	12	2,5	80-90								
R/L158S-2020x12x2.5/90-100 R/L158S-2525x12x2.5/90-100	20 25	20 25	125 150	12	2,5	90-100								
R/L158S-1616x12x3/20-23 R/L158S-2020x12x3/20-23 R/L158S-2525x12x3/20-23	16 20 25	16 20 25	110 125 150	12	3	20-23	x) SHR 133Z	x) SHL 133Z	F6S 411	-			NY 2.5	R/LMT-3Z ²⁾ R/LMT-3.1r0.5Z ²⁾ R/LMP-3Z ²⁾ R/LMP-3Z ²⁾ R/LMB-3FZU ²⁾³⁾
R/L158S-1616x12x3/23-26 R/L158S-2020x12x3/23-26 R/L158S-2525x12x3/23-26	16 20 25	16 20 25	110 125 150	12	3	23-26								
R/L158S-1616x12x3/26-30 R/L158S-2020x12x3/26-30 R/L158S-2525x12x3/26-30	16 20 25	16 20 25	110 125 150	12	3	26-30								
R/L158S-1616x12x3/30-35 R/L158S-2020x12x3/30-35 R/L158S-2525x12x3/30-35	16 20 25	16 20 25	110 125 150	12	3	30-35	x) SHR 133P	x) SHL 133P	F6S 411	-	NY 2.5	D = 30-40 MT-3 MT-3.1r0.5 MT-3c MP-3 MP-30 MB-3FU ³⁾		
R/L158S-1616x12x3/35-40 R/L158S-2020x12x3/35-40 R/L158S-2525x12x3/35-40	16 20 25	16 20 25	110 125 150	12	3	35-40						D = 35-40 MA-30		
R/L158S-1616x12x3/40-50 R/L158S-2020x12x3/40-50 R/L158S-2525x12x3/40-50 R/L158S-3225x12x3/40-50	16 20 25 32	16 20 25 25	110 125 150 170	12	3	40-50	x) SHR 133	x) SHL 133	F6S 411	-	NY 2.5	MT-3 MT-3.1r0.5 MT-3b MT-3c MS-3 MS-3D MZ-3 MP-3 MP-30 MA-30 MB-3FU ³⁾		
R/L158S-2020x12x3/50-60 R/L158S-2525x12x3/50-60 R/L158S-3225x12x3/50-60	20 25 32	20 25 25	125 150 170	12	3	50-60								
R/L158S-2020x12x3/60-75 R/L158S-2525x12x3/60-75 R/L158S-3225x12x3/60-75	20 25 32	20 25 25	125 150 170	12	3	60-75								
R/L158S-2020x12x3/75-100 R/L158S-2525x12x3/75-100 R/L158S-3225x12x3/75-100	20 25 32	20 25 25	125 150 170	12	3	75-100	x) SHR 133	x) SHL 133	F6S 411	-	NY 2.5	MT-3 MT-3.1r0.5 MT-3b MT-3c MS-3 MS-3D MZ-3 MP-3 MP-30 MA-30 MB-3FU ³⁾ MT-30Fr ³⁾		
R/L158S-2020x12x3/100-140 R/L158S-2525x12x3/100-140 R/L158S-3225x12x3/100-140	20 25 32	20 25 25	125 150 170	12	3	100-140								
R/L158S-2020x12x3/140-190 R/L158S-2525x12x3/140-190 R/L158S-3225x12x3/140-190	20 25 32	20 25 25	125 150 170	12	3	140-190								
R/L158S-2020x12x3/190-300 R/L158S-2525x12x3/190-300 R/L158S-3225x12x3/190-300	20 25 32	20 25 25	125 150 170	12	3	190-300								

x)  x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

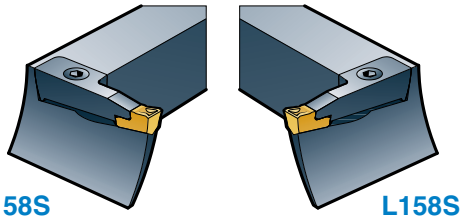
2)  2) Right-hand inserts (R) are used in right-hand holders and left-hand inserts (L) in left-hand holders.
2) Rechtsschneiden (R) werden in Rechtshaltern und Linksschneiden (L) in Linkshaltern verwendet.
2) Högerskär (R) används i högerhållare och vänsterskär (L) i vänsterhållare.

*  Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sid:

A44-A58

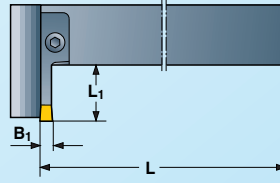
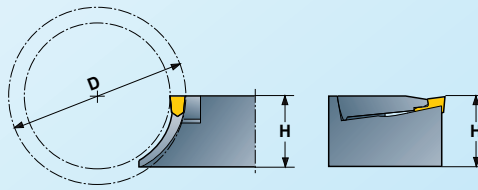
3) See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
3) Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
3) Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktygshållaren.

158S



R158S

L158S

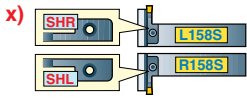


The drawing shows right-hand version. Left-hand version reversed.

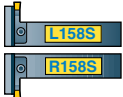






Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.

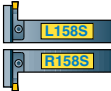
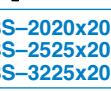

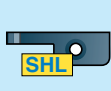




Ritningen visar högerutförande. Vänsterutförande spegelvänt.


A



- x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
- x) Spännhaken SHR wird in L-Haltern und Spännhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

	H	B	L	L ₁	B ₁	D							Page: Seite: Sida: A130-A148	
R/L158S-2020x12x3/300-500 R/L158S-2525x12x3/300-500 R/L158S-3225x12x3/300-500	20 25 32	20 25 25	125 150 170	12	3	300-500	x)SHR 133	x)SHL 133	F6S 411	-	NY 2.5	MT-3 MT-3.1r0.5 MT-3b MT-3c MS-3 MS-3D	MZ-3 MP-3 MP-30 MA-30 MB-3F ³⁾ MT-30Fr ³⁾	
R/L158S-2020x12x3/500-∞ R/L158S-2525x12x3/500-∞ R/L158S-3225x12x3/500-∞	20 25 32	20 25 25	125 150 170	12	3	500-∞								
R/L158S-1616x12x4/30-40 R/L158S-2020x12x4/30-40 R/L158S-2525x12x4/30-40	16 20 25	16 20 25	110 125 150	12	4-4,5	30-40	x)SHR 134P	x)SHL134P	F6S 411	-	NY 2.5	D=30-35 MT-4X MT-3.7r1X ³⁾ MT-4r1X MT-4.5r1X MT-4cX MP-4X MP-40X MB-4FXU ³⁾	D=35-40 MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4c MP-4 MP-40 MA-40 MB-4FU ³⁾	
R/L158S-2020x20x4/30-35 R/L158S-2525x20x4/30-35	20 25	20 25	125 150	20	4-4,5	30-35	x)SHR 204MP	x)SHL 204MP	F6S 418	BF 04M				
R/L158S-2020x20x4/35-40 R/L158S-2525x20x4/35-40	20 25	20 25	125 150	20	4-4,5	35-40	x)SHR 204MP	x)SHL 204MP	F6S 418	BF 04M	NY 2.5	MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4c	MP-4 MP-40 MA-40 MB-4FU ³⁾	
R/L158S-1616x12x4/40-50 R/L158S-2020x12x4/40-50 R/L158S-2525x12x4/40-50 R/L158S-3225x12x4/40-50	16 20 25 32	16 20 25 25	110 125 150 170	12	4-4,5	40-50	x)SHR 134	x)SHL 134	F6S 411	-	NY 2.5	MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4b MT-4c MS-4	MZ-4 MP-4 MP-40 MA-40 MB-4FU ³⁾	
R/L158S-2020x20x4/40-50 R/L158S-2525x20x4/40-50 R/L158S-3225x20x4/40-50	20 25 32	20 25 25	125 150 170	20	4-4,5	40-50	x)SHR 204MT	x)SHL 204MT	F6S 418	BF 04M				
R/L158S-2020x12x4/50-60 R/L158S-2525x12x4/50-60 R/L158S-3225x12x4/50-60	20 25 32	20 25 25	125 150 170	12	4-4,5	50-60	x)SHR 134	x)SHL 134	F6S 411	-				
R/L158S-2020x20x4/50-60 R/L158S-2525x20x4/50-60 R/L158S-3225x20x4/50-60	20 25 32	20 25 25	125 150 170	20	4-4,5	50-60	x)SHR 204MT	x)SHL 204MT	F6S 418	BF 04M				
R/L158S-2525x25x4/50-60 R/L158S-3225x25x4/50-60	25 32	25 25	150 170	25	4-4,5	50-60	x)SHR 254MT	x)SHL 254MT	F6S 418	BF 04M				
R/L158S-2020x12x4/60-75 R/L158S-2525x12x4/60-75 R/L158S-3225x12x4/60-75	20 25 32	20 25 25	125 150 170	12	4-4,5	60-75	x)SHR 134	x)SHL 134	F6S 411	-				
R/L158S-2020x20x4/60-75 R/L158S-2525x20x4/60-75 R/L158S-3225x20x4/60-75	20 25 32	20 25 25	125 150 170	20	4-4,5	60-75	x)SHR 204MT	x)SHL 204MT	F6S 418	BF 04M				
R/L158S-2525x25x4/60-75 R/L158S-3225x25x4/60-75	25 32	25 25	150 170	25	4-4,5	60-75	x)SHR 254MT	x)SHL 254MT	F6S 418	BF 04M	NY 2.5	MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4b MT-4c MS-4 MS-4D MZ-4 MP-4 MP-40 MA-40 MB-4F ³⁾ MT-40Fr ³⁾		
R/L158S-2020x12x4/75-100 R/L158S-2525x12x4/75-100 R/L158S-3225x12x4/75-100	20 25 32	20 25 25	125 150 170	12	4-4,5	75-100	x)SHR 134	x)SHL 134	F6S 411	-				
R/L158S-2020x20x4/75-100 R/L158S-2525x20x4/75-100 R/L158S-3225x20x4/75-100	20 25 32	20 25 25	125 150 170	20	4-4,5	75-100	x)SHR 204MT	x)SHL 204MT	F6S-418	BF 04M				
R/L158S-2525x25x4/75-100 R/L158S-3225x25x4/75-100	25 32	25 25	150 170	25	4-4,5	75-100	x)SHR 254MT	x)SHL 254MT	F6S 418	BF 04M				
R/L158S-2020x12x4/100-140 R/L158S-2525x12x4/100-140 R/L158S-3225x12x4/100-140	20 25 32	20 25 25	125 150 170	12	4-4,5	100-140	x)SHR 134	x)SHL 134	F6S 411	-				

 	H	B	L	L ₁	B ₁	D						*  A130-A148			
												Page:	Seite:		
R/L 158S-2020x20x4/100-140 R/L 158S-2525x20x4/100-140 R/L 158S-3225x20x4/100-140	20 25 32	20 25 25	125 150 170	20	4-4,5	100-140	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M	NY 2.5	MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4b MT-4c MS-4 MS-4D MZ-4 MP-4 MP-40 MA-40 MB-4F ³⁾ MT-40Fr ³⁾			
R/L 158S-2525x25x4/100-140 R/L 158S-3225x25x4/100-140	25 32	25 25	150 170	25	4-4,5	100-140	✗SHR 254MT	✗SHL 254MT	F6S 418	BF 04M					
R/L 158S-2020x12x4/140-190 R/L 158S-2525x12x4/140-190 R/L 158S-3225x12x4/140-190	20 25 32	20 25 25	125 150 170	12	4-4,5	140-190	✗SHR 134	✗SHL 134	F6S 411	-					
R/L 158S-2020x20x4/140-190 R/L 158S-2525x20x4/140-190 R/L 158S-3225x20x4/140-190	20 25 32	20 25 25	125 150 170	20	4-4,5	140-190	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M					
R/L 158S-2525x25x4/140-190 R/L 158S-3225x25x4/140-190	25 32	25 25	150 170	25	4-4,5	140-190	✗SHR 254MT	✗SHL 254MT	F6S 418	BF 04M					
R/L 158S-2020x12x4/190-∞ R/L 158S-2525x12x4/190-∞ R/L 158S-3225x12x4/190-∞	20 25 32	20 25 25	125 150 170	12	4-4,5	190-∞	✗SHR 134	✗SHL 134	F6S 411	-					
R/L 158S-2020x20x4/190-300 R/L 158S-2525x20x4/190-300 R/L 158S-3225x20x4/190-300	20 25 32	20 25 25	125 150 170	20	4-4,5	190-300	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M					
R/L 158S-2525x25x4/190-300 R/L 158S-3225x25x4/190-300	25 32	25 25	150 170	25	4-4,5	190-300	✗SHR 254MT	✗SHL 254MT	F6S 418	BF 04M					
R/L 158S-2020x20x4/300-∞ R/L 158S-2525x20x4/300-∞ R/L 158S-3225x20x4/300-∞	20 25 32	20 25 25	125 150 170	20	4-4,5	300-∞	✗SHR 204MT	✗SHL 204MT	F6S 418	BF 04M					
R/L 158S-2525x25x4/300-∞ R/L 158S-3225x25x4/300-∞	25 32	25 25	150 170	25	4-4,5	300-∞	✗SHR 254MT	✗SHL 254MT	F6S 418	BF 04M					
R/L 158S-1616x12x5/30-40 R/L 158S-2020x12x5/30-40 R/L 158S-2525x12x5/30-40	16 20 25	16 20 25	110 125 150	12	5	30-40	✗SHR 135P	✗SHL 135P	F6S 411	-			NY 2.5	D=30-35 MT-5X MT-5r1X MT-5cX MP-5X MB-5FXU ³⁾	D=35-40 MT-5 MT-5r1 MT-5c MP-5 MA-50 MB-5FU ³⁾
R/L 158S-2020x20x5/30-40 R/L 158S-2525x20x5/30-40	20 25	20 25	125 150	20	5	30-40	✗SHR 205MP	✗SHL 205MP	F6S 418	BF 04M					
R/L 158S-1616x12x5/40-50 R/L 158S-2020x12x5/40-50 R/L 158S-2525x12x5/40-50 R/L 158S-3225x12x5/40-50	16 20 25 32	16 20 25 25	110 125 150 170	12	5	40-50	✗SHR 135	✗SHL 135	F6S 411	-			NY 2.5	MT-5 MT-5r1 MT-5b MT-5c MS-5	MZ-5 MP-5 MA-50 MB-5FU ³⁾
R/L 158S-2020x20x5/40-50 R/L 158S-2525x20x5/40-50 R/L 158S-3225x20x5/40-50	20 25 32	20 25 25	125 150 170	20	5	40-50	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M					
R/L 158S-2020x12x5/50-60 R/L 158S-2525x12x5/50-60 R/L 158S-3225x12x5/50-60	20 25 32	20 25 25	125 150 170	12	5	50-60	✗SHR 135	✗SHL 135	F6S 411	-					
R/L 158S-2020x20x5/50-60 R/L 158S-2525x20x5/50-60 R/L 158S-3225x20x5/50-60	20 25 32	20 25 25	125 150 170	20	5	50-60	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M					
R/L 158S-2525x25x5/50-60 R/L 158S-3225x25x5/50-60	25 32	25 25	150 170	25	5	50-60	✗SHR 255MT	✗SHL 255MT	F6S 418	BF 04M					
R/L 158S-2020x12x5/60-75 R/L 158S-2525x12x5/60-75 R/L 158S-3225x12x5/60-75	20 25 32	20 25 25	125 150 170	12	5	60-75	✗SHR 135	✗SHL 135	F6S 411	-	NY 2.5	MT-5 MT-5r1 MT-5b MT-5c MS-5 MZ-5 MP-5 MA-50 MB-5F ³⁾ MT-50Fr ³⁾			
R/L 158S-2020x20x5/60-75 R/L 158S-2525x20x5/60-75 R/L 158S-3225x20x5/60-75	20 25 32	20 25 25	125 150 170	20	5	60-75	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M					
R/L 158S-2525x25x5/60-75 R/L 158S-3225x25x5/60-75	25 32	25 25	150 170	25	5	60-75	✗SHR 255MT	✗SHL 255MT	F6S 418	BF 04M					
R/L 158S-2020x12x5/75-100 R/L 158S-2525x12x5/75-100 R/L 158S-3225x12x5/75-100	20 25 32	20 25 25	125 150 170	12	5	75-100	✗SHR 135	✗SHL 135	F6S 411	-					
R/L 158S-2020x20x5/75-100 R/L 158S-2525x20x5/75-100 R/L 158S-3225x20x5/75-100	20 25 32	20 25 25	125 150 170	20	5	75-100	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M					
R/L 158S-2525x25x5/75-100 R/L 158S-3225x25x5/75-100	25 32	25 25	150 170	25	5	75-100	✗SHR 255 MT	✗SHL 255MT	F6S 418	BF 04M					
R/L 158S-2020x12x5/100-140 R/L 158S-2525x12x5/100-140 R/L 158S-3225x12x5/100-140	20 25 32	20 25 25	125 150 170	12	5	100-140	✗SHR 135	✗SHL 135	F6S 411	-					
R/L 158S-2020x20x5/100-140 R/L 158S-2525x20x5/100-140 R/L 158S-3225x20x5/100-140	20 25 32	20 25 25	125 150 170	20	5	100-140	✗SHR 205MT	✗SHL 205MT	F6S 418	BF 04M					
R/L 158S-2525x25x5/100-140 R/L 158S-3225x25x5/100-140	25 32	25 25	150 170	25	5	100-140	✗SHR 255MT	✗SHL 255MT	F6S 418	BF 04M					

*  Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sid:

A44-A58

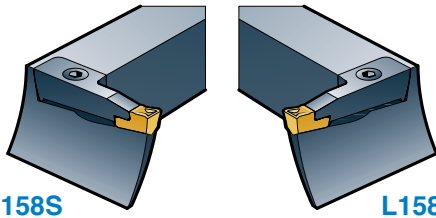
³⁾ See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.

³⁾ Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.

³⁾ Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktygshållaren.

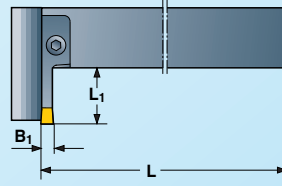
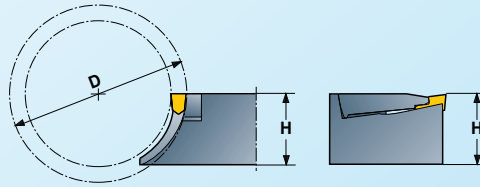


158S



R158S

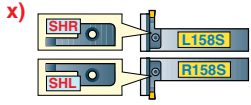
L158S










The drawing shows right-hand version.
Left-hand version reversed.

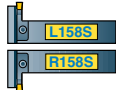
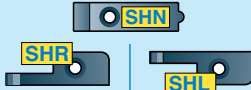





Die Zeichnung zeigt Rechtsausführung.
Linksausführung umgekehrt.

Ritningen visar högerutförande.
Vänsterutförande spegelvänt.



- x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
- x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

	H	B	L	L ₁	B ₁	D							Page: Seite: Sida:
R/L158S-2020x12x5/140-190	20	20	125										A130-A148
R/L158S-2525x12x5/140-190	25	25	150	12	5	140-190	x)SHR 135	x)SHL 135	F6S 411	-		NY 2.5	
R/L158S-3225x12x5/140-190	32	25	170										
R/L158S-2020x20x5/140-190	20	20	125										
R/L158S-2525x20x5/140-190	25	25	150	20	5	140-190	x)SHR 205MT	x)SHL 205MT	F6S 418	BF 04M			
R/L158S-3225x20x5/140-190	32	25	170										
R/L158S-2525x25x5/140-190	25	25	150	25	5	140-190	x)SHR 255MT	x)SHL 255MT	F6S 418	BF 04M			
R/L158S-3225x25x5/140-190	32	25	170										
R/L158S-2020x12x5/190-∞	20	20	125										
R/L158S-2525x12x5/190-∞	25	25	150	12	5	190-∞	x)SHR 135	x)SHL 135	F6S 411	-			
R/L158S-3225x12x5/190-∞	32	25	170										
R/L158S-2020x20x5/190-300	20	20	125										
R/L158S-2525x20x5/190-300	25	25	150	20	5	190-300	x)SHR 205MT	x)SHL 205MT	F6S 418	BF 04M			
R/L158S-3225x20x5/190-300	32	25	170										
R/L158S-2525x25x5/190-300	25	25	150	25	5	190-300	x)SHR 255MT	x)SHL 255MT	F6S 418	BF 04M			
R/L158S-3225x25x5/190-300	32	25	170										
R/L158S-2020x20x5/300-∞	20	20	125										
R/L158S-2525x20x5/300-∞	25	25	150	20	5	300-∞	x)SHR 205MT	x)SHL 205MT	F6S 418	BF 04M			
R/L158S-3225x20x5/300-∞	32	25	170										
R/L158S-2525x25x5/300-∞	25	25	150	25	5	300-∞	x)SHR 255MT	x)SHL 255MT	F6S 418	BF 04M			
R/L158S-3225x25x5/300-∞	32	25	170										
R/L158S-1616x12x6/40-50	16	16	110									NY 2.5	
R/L158S-2020x12x6/40-50	20	20	125	12	6-7,5	40-50	x)SHR 136	x)SHL 136	F6S 411	-			
R/L158S-2525x12x6/40-50	25	25	150										
R/L158S-3225x12x6/40-50	32	25	170										
R/L158S-2020x20x6/40-50	20	20	125	20	6-7,5	40-50	x)SHR 206MT	x)SHL 206MT	F6S 418	BF 04M			
R/L158S-2525x20x6/40-50	25	25	150										
R/L158S-3225x20x6/40-50	32	25	170										
R/L158S-2020x12x6/50-60	20	20	125	12	6-7,5	50-60	x)SHR 136	x)SHL 136	F6S 411	-			
R/L158S-2525x12x6/50-60	25	25	150										
R/L158S-3225x12x6/50-60	32	25	170										
R/L158S-2020x20x6/50-60	20	20	125	20	6-7,5	50-60	x)SHR 206MT	x)SHL 206MT	F6S 418	BF 04M			
R/L158S-2525x20x6/50-60	25	25	150										
R/L158S-3225x20x6/50-60	32	25	170										
R/L158S-2525x25x6/50-60	25	25	150	25	6-7,5	50-60	x)SHR 256MT	x)SHL 256MT	F6S 418	BF 04M			
R/L158S-3225x25x6/50-60	32	25	170										
R/L158S-3232x32x6/50-60	32	32	170	32	6-7,5	50-60	x)SHR 326MT	x)SHL 326MT	F6S 519	BF 05M	NY 3		
R/L158S-2020x12x6/60-75	20	20	125	12	6-7,5	60-75	x)SHR 136	x)SHL 136	F6S 411	-			
R/L158S-2525x12x6/60-75	25	25	150										
R/L158S-3225x12x6/60-75	32	25	170										
R/L158S-2020x20x6/60-75	20	20	125	20	6-7,5	60-75	x)SHR 206MT	x)SHL 206MT	F6S 418	BF 04M			
R/L158S-2525x20x6/60-75	25	25	150										
R/L158S-3225x20x6/60-75	32	25	170										
R/L158S-2525x25x6/60-75	25	25	150	25	6-7,5	60-75	x)SHR 256MT	x)SHL 256MT	F6S 418	BF 04M			
R/L158S-3225x25x6/60-75	32	25	170										
R/L158S-3232x32x6/60-75	32	32	170	32	6-7,5	60-75	x)SHR 326MT	x)SHL 326MT	F6S 519	BF 05M	NY 3		
R/L158S-2020x12x6/75-100	20	20	125	12	6-7,5	75-100	x)SHR 136	x)SHL 136	F6S 411	-			
R/L158S-2525x12x6/75-100	25	25	150										
R/L158S-3225x12x6/75-100	32	25	170										
R/L158S-2020x20x6/75-100	20	20	125	20	6-7,5	75-100	x)SHR 206MT	x)SHL 206MT	F6S 418	BF 04M			
R/L158S-2525x20x6/75-100	25	25	150										
R/L158S-3225x20x6/75-100	32	25	170										
R/L158S-2525x25x6/75-100	25	25	150	25	6-7,5	75-100	x)SHR 256MT	x)SHL 256MT	F6S 418	BF 04M			
R/L158S-3225x25x6/75-100	32	25	170										
R/L158S-3232x32x6/75-100	32	32	170	32	6-7,5	75-100	x)SHR 326MT	x)SHL 326MT	F6S 519	BF 05M	NY 3		

	H	B	L	L ₁	B ₁	D							
							SHR	SHL					
R/L158S-2020x12x6/100-140 R/L158S-2525x12x6/100-140 R/L158S-3225x12x6/100-140	20 25 32	20 25 25	125 150 170			100-140	✘SHR 136	✘SHL 136	F6S 411	-			
R/L158S-2020x20x6/100-140 R/L158S-2525x20x6/100-140 R/L158S-3225x20x6/100-140	20 25 32	20 25 25	125 150 170	20	6-7,5	100-140	✘SHR 206MT	✘SHL 206MT	F6S 418	BF 04M	NY 2.5		
R/L158S-2525x25x6/100-140 R/L158S-3225x25x6/100-140	25 32	25 25	150 170	25	6-7,5	100-140	✘SHR 256MT	✘SHL 256MT	F6S 418	BF 04M			
R/L158S-3232x32x6/100-140	32	32	170	32	6-7,5	100-140	✘SHR 326MT	✘SHL 326MT	F6S 519	BF 05M	NY 3		
R/L158S-2020x12x6/140-190 R/L158S-2525x12x6/140-190 R/L158S-3225x12x6/140-190	20 25 32	20 25 25	125 150 170	12	6-7,5	140-190	✘SHR 136	✘SHL 136	F6S 411	-			
R/L158S-2020x20x6/140-190 R/L158S-2525x20x6/140-190 R/L158S-3225x20x6/140-190	20 25 32	20 25 25	125 150 170	20	6-7,5	140-190	✘SHR 206MT	✘SHL 206MT	F6S 418	BF 04M	NY 2.5		
R/L158S-2525x25x6/140-190 R/L158S-3225x25x6/140-190	25 32	25 25	150 170	25	6-7,5	140-190	✘SHR 256MT	✘SHL 256MT	F6S 418	BF 04M			
R/L158S-3232x32x6/140-190 R/L158S-4032x32x6/140-190	32 40	32 32	170 200	32	6-7,5	140-190	✘SHR 326MT	✘SHL 326MT	F6S 519	BF 05M	NY 3		
R/L158S-2020x12x6/190-∞ R/L158S-2525x12x6/190-∞ R/L158S-3225x12x6/190-∞	20 25 32	20 25 25	125 150 170	12	6-7,5	190-∞	✘SHR 136	✘SHL 136	F6S 411	-	NY 2.5		
R/L158S-2020x20x6/190-300 R/L158S-2525x20x6/190-300 R/L158S-3225x20x6/190-300	20 25 32	20 25 25	125 150 170	20	6-7,5	190-300	✘SHR 206MT	✘SHL 206MT	F6S 418	BF 04M	NY 2.5		
R/L158S-2525x25x6/190-300 R/L158S-3225x25x6/190-300	25 32	25 25	150 170	25	6-7,5	190-300	✘SHR 256MT	✘SHL 256MT	F6S 418	BF 04M			
R/L158S-3232x32x6/190-300 R/L158S-4032x32x6/190-300	32 40	32 32	170 200	32	6-7,5	190-300	✘SHR 326MT	✘SHL 326MT	F6S 519	BF 05M	NY 3		
R/L158S-2020x20x6/300-∞ R/L158S-2525x20x6/300-∞ R/L158S-3225x20x6/300-∞	20 25 32	20 25 25	125 150 170	20	6-7,5	300-∞	✘SHR 206MT	✘SHL 206MT	F6S 418	BF 04M	NY 2.5		
R/L158S-2525x25x6/300-∞ R/L158S-3225x25x6/300-∞	25 32	25 25	150 170	25	6-7,5	300-∞	✘SHR 256MT	✘SHL 256MT	F6S 418	BF 04M			
R/L158S-3232x32x6/300-∞ R/L158S-4032x32x6/300-∞	32 40	32 32	170 200	32	6-7,5	300-∞	✘SHR 326MT	✘SHL 326MT	F6S 519	BF 05M	NY 3		
R/L158S-2525x20x8/75-100 R/L158S-3225x20x8/75-100	25 32	25 25	150 170	20	8-9	75-100	✘SHR 208MT	✘SHL 208MT	F6S 519	BF 05M			
R/L158S-4032x30x8/75-100	40	32	200	30	8-9	75-100	✘SHR 308MT	✘SHL 308MT	F6S 519	BF 05M			
R/L158S-2525x20x8/100-140 R/L158S-3225x20x8/100-140	25 32	25 25	150 170	20	8-9	100-140	✘SHR 208MT	✘SHL 208MT	F6S 519	BF 05M	NY 2.5		
R/L158S-4032x30x8/100-140	40	32	200	30	8-9	100-140	✘SHR 308MT	✘SHL 308MT	F6S 519	BF 05M			
R/L158S-2525x20x8/140-190 R/L158S-3225x20x8/140-190	25 32	25 25	150 170	20	8-9	140-190	✘SHR 208MT	✘SHL 208MT	F6S 519	BF 05M			
R/L158S-4032x30x8/140-190 R/L158S-4032x50x8/140-190	40 40	32 32	200 200	30 50	8-9	140-190	✘SHR 308MT	✘SHL 308MT SHN 8T	F6S 519 F6S 418	BF 05M BF 04T	NY 3 NY 2.5		
R/L158S-2525x20x8/190-∞ R/L158S-3225x20x8/190-∞	25 32	25 25	150 170	20	8-9	190-∞	✘SHR 208MT	✘SHL 208MT	F6S 519	BF 05M	NY 3		
R/L158S-4032x30x8/190-300 R/L158S-4032x50x8/190-300	40 40	32 32	200 200	30 50	8-9	190-300	✘SHR 308MT	✘SHL 308MT SHN 8T	F6S 519 F6S 418	BF 05M BF 04T	NY 3 NY 2.5		
R/L158S-4032x30x8/300-∞	40	32	200	30	8-9	300-∞	✘SHR 308MT	✘SHL 308MT	F6S 519	BF 05M	NY 3		
R/L158S-4032x50x8/300-500 R/L158S-4032x50x8/500-∞	40 40	32 32	200 200	50 50	8-9	300-500 500-∞	SHN 8T		F6S 418	BF 04T	NY 2.5		
R/L158S-3225x20x10/75-100 R/L158S-4032x30x10/75-100	32 40	25 32	170 200	20 30	10-11	75-100	✘SHR 2010MT ✘SHR 3010MT	✘SHL 2010MT ✘SHL 3010MT	F6S 519 F6S 519	BF 05M BF 05M			
R/L158S-3225x20x10/100-140 R/L158S-4032x30x10/100-140	32 40	25 32	170 200	20 30	10-11	100-140	✘SHR 2010MT ✘SHR 3010MT	✘SHL 2010MT ✘SHL 3010MT	F6S 519 F6S 519	BF 05M BF 05M			
R/L158S-3225x20x10/140-190 R/L158S-4032x30x10/140-190 R/L158S-4032x50x10/140-190	32 40 40	25 32 32	170 200 200	20 30 50	10-11	140-190	✘SHR 2010MT ✘SHR 3010MT SHN 10T	✘SHL 2010MT ✘SHL 3010MT F6S 518T	F6S 519 F6S 519 F6S 518T	BF 05M BF 05M BF 05T	NY 3		
R/L158S-3225x20x10/190-∞	32	25	170	20	10-11	190-∞	✘SHR 2010MT	✘SHL 2010MT	F6S 519	BF 05M			
R/L158S-4032x30x10/190-300 R/L158S-4032x50x10/190-300	40 40	32 32	200 200	30 50	10-11	190-300	✘SHR 3010MT SHN 10T	✘SHL 3010MT F6S 518T	F6S 519 F6S 518T	BF 05M BF 05T			
R/L158S-4032x30x10/300-∞ R/L158S-4032x50x10/300-∞	40 40	32 32	200 200	30 50	10-11	300-∞	✘SHR 3010MT SHN 10T	✘SHL 3010MT F6S 518T	F6S 519 F6S 518T	BF 05M BF 05T			

A

MT-6
MT-6.4r1
MT-6b
MT-6c
MS-6
MZ-6
MP-6
MA-60
MT-60F³⁾
MT-7
MT-7.5r1
MT-7b
MT-7c

MT-8
MT-8b
MT-8c
MS-8
MZ-8
MP-8
MT-9
MT-9r1
MT-9c

MT-10
MT-10r1
MT-10b
MT-10c
MS-10
MZ-10
MP-10

* Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sid:

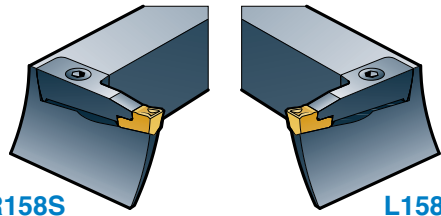
A44-A58

³⁾ See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
³⁾ Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
³⁾ Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktyghållaren.



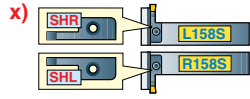
158S

A

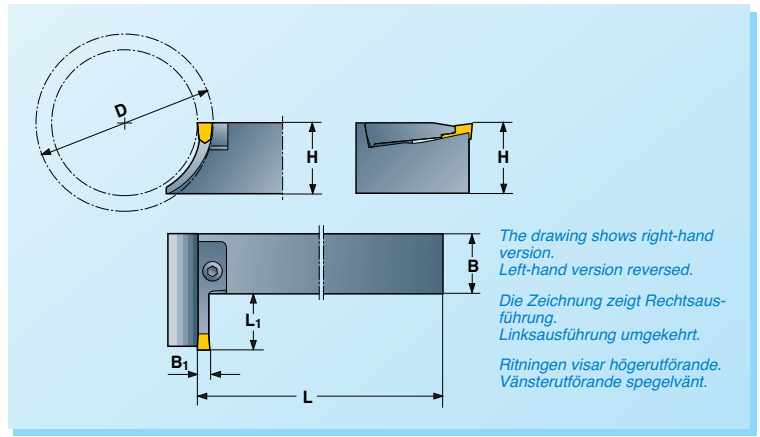


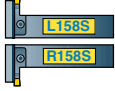





R158S

L158S



- x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
- x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.



	H	B	L	L ₁	B ₁	D							Page: Seite: Sida:
							SHR	SHL					A130-A148
R/L 158S-4032x30x12/75-100	40	32	200	30	12	75-100	x)SHR 3012MT	x)SHL 3012MT	F6S-519	BF 05M	NY 3	MT-12 MT-12c MS-12 MZ-12	
R/L 158S-4032x40x12/75-100	40	32	200	40	12	75-100	x)SHR 4012MT	x)SHL 4012MT	F6S-526	BF 05M			
R/L 158S-4032x30x12/100-140	40	32	200	30	12	100-140	x)SHR 3012MT	x)SHL 3012MT	F6S-519	BF 05M			
R/L 158S-4032x40x12/100-140	40	32	200	40	12	100-140	x)SHR 4012MT	x)SHL 4012MT	F6S-526	BF 05M			
R/L 158S-4032x30x12/140-190	40	32	200	30	12	140-190	x)SHR 3012MT	x)SHL 3012MT	F6S-519	BF 05M			
R/L 158S-4032x50x12/140-190	40	32	200	50	12	140-190	x)SHR 3012MT	x)SHL 3012MT	F6S-519	BF 05M			
R/L 158S-4032x30x12/190-300	40	32	200	30	12	190-300	x)SHR 3012MT	x)SHL 3012MT	F6S-519	BF 05M			
R/L 158S-4032x50x12/190-300	40	32	200	50	12	190-300	x)SHR 3012MT	x)SHL 3012MT	F6S-519	BF 05M			
R/L 158S-4032x30x12/300-∞	40	32	200	30	12	300-∞	x)SHR 3012MT	x)SHL 3012MT	F6S-519	BF 05M			
R/L 158S-4032x50x12/300-∞	40	32	200	50	12	300-∞	x)SHR 3012MT	x)SHL 3012MT	F6S-519	BF 05M			

Ordering example:

Bestellbeispiel:

Beställningsexempel:

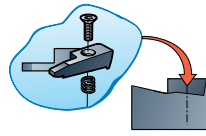
R158S-2525 x 20 x 4/50-60

*



Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sid:

A44-A58



Spare parts shown in the coloured columns are supplied assembled in each tool.

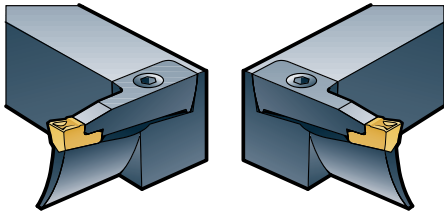
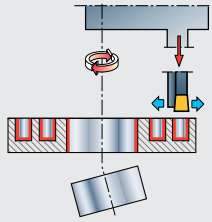
Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

159S

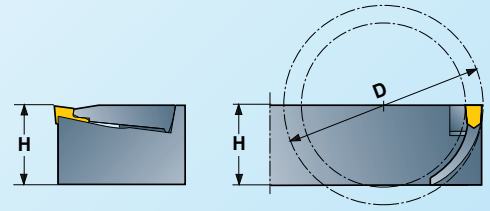
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Seite:
Sida: **A27**



R159S

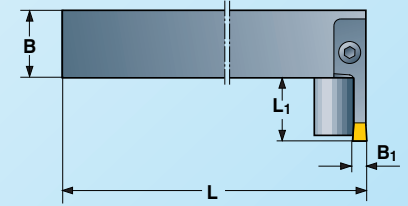
L159S



The drawing shows right-hand version.
Left-hand version reversed.

Die Zeichnung zeigt Rechtsausführung.
Linksausführung umgekehrt.

Ritningen visar högerutförande.
Vänsterutförande spegelvänt.

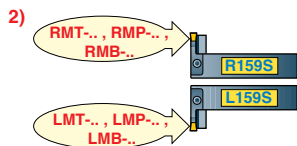


	H	B	L	L ₁	B ₁	D						Page: Seite: Sida: A130-A148
¹⁾ R/L159S-HB x L ₁ x B ₁ /20-23 ²⁾						20- 23						<p>Spare parts and inserts in accordance with corresponding type 152S (L₁, B₁ and D identical). See page:</p> <p>Ersatzteile und Schneiden in Übereinstimmung mit Halter 152S (L₁, B₁ und D gleich). Siehe Seite: A87-A93</p> <p>Reservdelar och skär i överensstämmelse med motsvarande hållare typ 152S (L₁, B₁ och D lika). Se sida:</p>
¹⁾ R/L159S-HB x L ₁ x B ₁ /23-26 ²⁾						23- 26						
¹⁾ R/L159S-HB x L ₁ x B ₁ /26-30 ²⁾						26- 30						
¹⁾ R/L159S-HB x L ₁ x B ₁ /30-40	Specified by the customer.					30- 40						
¹⁾ R/L159S-HB x L ₁ x B ₁ /40-50	Wird vom Kunden spezifiziert.					40- 50						
¹⁾ R/L159S-HB x L ₁ x B ₁ /50-60	Wird vom Kunden spezifiziert.					50- 60						
¹⁾ R/L159S-HB x L ₁ x B ₁ /60-75	Wird vom Kunden spezifiziert.					60- 75						
¹⁾ R/L159S-HB x L ₁ x B ₁ /75-100	Specificeras av kunden.					75-100						
¹⁾ R/L159S-HB x L ₁ x B ₁ /100-140	Specificeras av kunden.					100-140						
¹⁾ R/L159S-HB x L ₁ x B ₁ /140-190	Specificeras av kunden.					140-190						
¹⁾ R/L159S-HB x L ₁ x B ₁ /190-300	Specificeras av kunden.					190-300						
¹⁾ R/L159S-HB x L ₁ x B ₁ /300-∞	Specificeras av kunden.					300-∞						

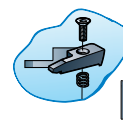
¹⁾ Type 159S is manufactured on request as semistandard whereby shank dimension HxB, total holder length L, entry length L₁ and cutting width B₁ are specified by the customer for the given diameter range D. The combination L₁, B₁ and D should preferably be selected in accordance with holder type 152S (see page A87 - A93). Minimum order quantity: 2 pcs

¹⁾ Typ 159S wird auf besondere Bestellung als Semistandard hergestellt, wobei die Schaftabmessung HxB, die Gesamtlänge des Halters L, die Einstechlänge L₁ und die Einstechbreite B₁ für den angegebenen Durchmesserbereich D vom Kunden spezifiziert werden. Die Kombination L₁, B₁ und D soll vorzugsweise in Übereinstimmung mit dem Halter 152S gewählt werden (siehe Seite A87 - A93). Mindestbestellmenge: 2 Stk.

¹⁾ Typ 159S tillverkas mot order som semistandard varvid skaftdimension HxB, hållarens totallängd L, instickslängd L₁ och insticksbredd B₁ specificeras av kunden för det givna diameterområdet D. Kombinationen L₁, B₁ och D bör företrädesvis väljas i överensstämmelse med hållare typ 152S (se sid A87 - A93). Minsta orderkvantitet: 2 st



- ²⁾ Right-hand inserts (R) are used in right-hand holders and left-hand inserts (L) in left-hand holders.
- ²⁾ Rechtsschneiden (R) werden in Rechtshaltern und Linksschneiden (L) in Linkshaltern verwendet.
- ²⁾ Högerskär (R) används i högerhållare och vänsterskär (L) i vänsterhållare.



Spare parts shown in the coloured columns are supplied assembled in each tool.

Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

Ordering example:
Bestellbeispiel:
Beställningsexempel:

L159S-2525 x 20 x 6/75-100



* Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sid:

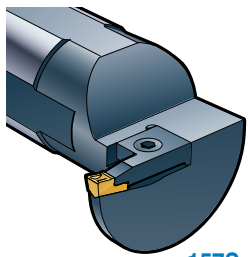
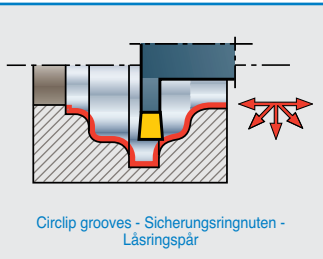
A44-A58

157S-00

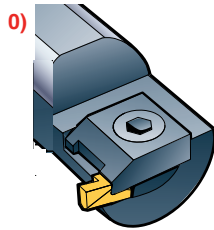
157G-00

Recommendations
Empfehlungen
Rekomendationer

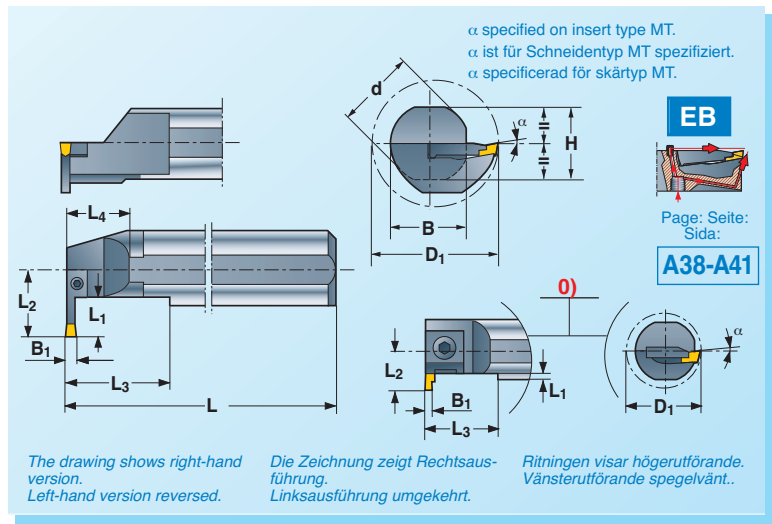
Page: **A30**
Seite:
Sida:



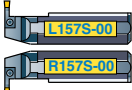








157S-00







157G-00




	α	H	B	D_1 min	d	L	L_2	L_3	L_4	L_1	B_1	SHN	SHR	SHL	F6S 411					Page: Seite: Sida: A130-A148
^o R/L157G-0016x3x1/16	5	15	15,5	16	16	150	7,5	30	-	3		^x SHR 43S	^x SHL 43S	F6S 411	-					R/LG-050b R/LG-110b R/LG-060b R/LG-125b R/LG-070b R/LG-130b R/LG-080b R/LG-155b R/LG-090b R/LG-160b R/LG-105b R/LG-185b
^o R/L157G-0016x3x1T	9	15	15,5	20	16	150	10,5	-	-		0,5	SHN 43		F6S 411	-	NY 2.5				
^o R/L157G-0020x3x1T	9	18	19	24	20	180	12,5	-	-		-	SHN 43		F6S 411	-	NY 2.5				
^o R/L157G-0025x3x1T	11	23	23,5	29	25	200	15	-	-	3	1,85	SHN 43		F6S 411	-	NY 2.5				
^o R/L157G-0032x3x1T	13	30	30	36	32	250	18,5	-	-			SHN 43		F6S 411	-	NY 2.5				
^o R/L157G-0040x3x1T	13	37	38	44	40	300	22,5	-	-			SHN 43		F6S 411	-	NY 2.5				
R/L157G-0016x4x2/16	5	15	15,5	16	16	150	7,5	30	-	4		^x SHR 43S	^x SHL 43S	F6S 411	-	NY 2.5				R/LG-215b ²⁾ R/LG-265b ²⁾
R/L157G-0020x4x2	9	18	19	25	20	180	14	-	30		2,15	SHN 43		F6S 411	-	NY 2.5				R/LG-215b ²⁾ R/LG-265b ²⁾ R/LG-315b ²⁾
R/L157G-0025x4x2	11	23	23,5	30	25	200	16,5	-	40	4	3,15	SHN 43		F6S 411	-	NY 2.5				
R/L157G-0032x4x2	13	30	30	37	32	250	20	-	45			SHN 43		F6S 411	-	NY 2.5				
R/L157G-0040x4x2	13	37	38	45	40	300	24	-	55			SHN 43		F6S 411	-	NY 2.5				
R/L157S-0016x3x3/16	20	15	15,5	16	16	150	7,5	30	-	3	3	^x SHR 43S	^x SHL 43S	F6S 411	-	NY 2.5				MT-3c MP-30 MP-3 MA-30
R/L157S-0016x3x3	1	15	15,5	20	16	150	11	-	25	3		SHN 43		F6S 411	-					MT-3 MT-3b MT-3c MS-3D MS-3 MZ-3 MP-30 MP-3 MA-30 MB-3F MT-30Fr ³⁾
R/L157S-0020x4x3	1	18	19	25	20	180	14	-	30	4	3	SHN 43		F6S 411	-					
R/L157S-0025x4x3	3	23	23,5	30	25	200	16,5	-	40	4		SHN 43		F6S 411	-					
R/L157S-0020x6x3	1	18	19	27	20	180	16	-	35	6	3	^x SHR 43	^x SHL 43	F6S 411	-	NY 2.5				
R/L157S-0025x6x3	3	23	23,5	32	25	200	18,5	-	40	6		^x SHR 43	^x SHL 43	F6S 411	-	NY 2.5				
R/L157S-0025x8x3T	5	23	23,5	34	25	200	20,5	-	40	8		^x SHR 133	^x SHL 133	F6S 411	-					
R/L157S-0032x8x3	5	30	30	41	32	250	24	-	45	8	3	^x SHR 133	^x SHL 133	F6S 411	-					
R/L157S-0040x8x3	8	37	38	49	40	295	28	-	55	8		^x SHR 133	^x SHL 133	F6S 411	-					
R/L157S-0040x12x3T	8	37	38	53	40	291	32	-	55	12		^x SHR 133	^x SHL 133	F6S 411	-					
R/L157S-0020x4x4	1	18	19	25	20	180	14	-	30	4	4-6,4	SHN 43		F6S 411	-					MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4b MT-4c MS-4D MS-4 MP-40 MP-4
R/L157S-0025x4x4	3	23	23,5	30	25	200	16,5	-	40	4		SHN 43		F6S 411	-					MA-40 MB-4F ³⁾ MT-60Fr ³⁾ MT-6 MT-6.4r1 MT-6b MT-6c MZ-6 MP-6 MT-60Fr ³⁾
R/L157S-0020x6x4	1	18	19	27	20	180	16	-	35	6	4-6,4	^x SHR 43	^x SHL 43	F6S 411	-	NY 2.5				
R/L157S-0025x6x4	3	23	23,5	32	25	200	18,5	-	40	6		^x SHR 43	^x SHL 43	F6S 411	-	NY 2.5				
R/L157S-0025x8x4T	5	23	23,5	34	25	200	20,5	-	40	8	4-6,4	^x SHR 134	^x SHL 134	F6S 411	-					MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4b
R/L157S-0032x8x4	5	30	30	41	32	250	24	-	45	8		^x SHR 134	^x SHL 134	F6S 411	-					MA-40 MA-50 MS-4D MS-4 MZ-4 MP-40
R/L157S-0040x8x4	8	37	38	49	40	300	28	-	55	8		^x SHR 134	^x SHL 134	F6S 411	-					MA-40 MA-50 MS-4D MS-4 MZ-4 MP-40
R/L157S-0040x12x4T	8	37	38	53	40	300	32	-	55	12	4-4,5	^x SHR 134	^x SHL 134	F6S 411	-	NY 2.5				MA-40 MA-50 MS-4D MS-4 MZ-4 MP-40
R/L157S-0032x8x5	5	30	30	41	32	250	24	-	45	8	5-6,4	^x SHR 135	^x SHL 135	F6S 411	-	NY 2.5				
R/L157S-0040x8x5	8	37	38	49	40	300	28	-	55	8		^x SHR 135	^x SHL 135	F6S 411	-	NY 2.5				
R/L157S-0040x12x5T	8	37	38	53	40	300	32	-	55	12	5	^x SHR 135	^x SHL 135	F6S 411	-	NY 2.5				

 	α	H	B	D _{1 min}	d	L	L ₂	L ₃	L ₄	L ₁	B ₁	  				* 	Page: Seite: Sida:		
R/L157S-0040x12x6T	8	37	38	53	40	300	32	-	55	12	6-7,5	*SHR 136	*SHL 136	F6S 411	-	NY 2.5	MT-6 MT-6.4r1 MT-6b MT-6c MS-6	MZ-6 MP-6 MA-60 MT-60Fr ³⁾ MT-7	MT-7.5r1 MT-7b MT-7c
R/L157S-0040x13x8	4	37	38	54	40	293	33	-	55	13	8-10	SHN 8T		F6S 418	BF 04T	NY 2.5	MT-8 MT-8b MT-8c MS-8	MZ-8 MP-8 MT-9 MT-9r1	MT-9c

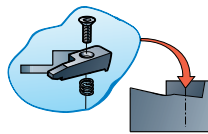
- X)   x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
-   x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

- 3) See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
- 3) Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
- 3) Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktyghållaren.

- 2)   2) Left-hand inserts (LG) are used in right-hand holders and right-hand inserts (RG) are used in left-hand holders.
-   2) Linksschneiden (LG) werden in Rechtshaltern und Rechtsschneiden (RG) in Linkshaltern verwendet.
- 2) Vänsterskär (LG) används i högerhållare och högerskär (RG) i vänsterhållare.

*  Selection of cutting geometry, page: **A44-A58**
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sid:

Ordering example:
Bestellbeispiel: **R157S-0025 x 6 x 4**
Beställningsexempel:



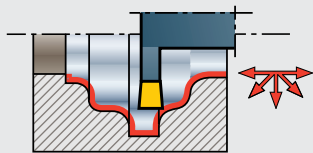
Spare parts shown in the coloured columns are supplied assembled in each tool.
Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.
Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

157SA-00

157GA-00

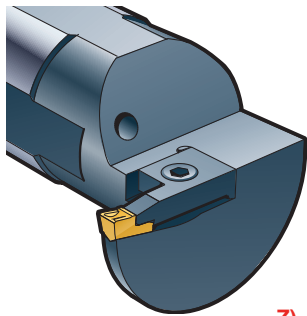
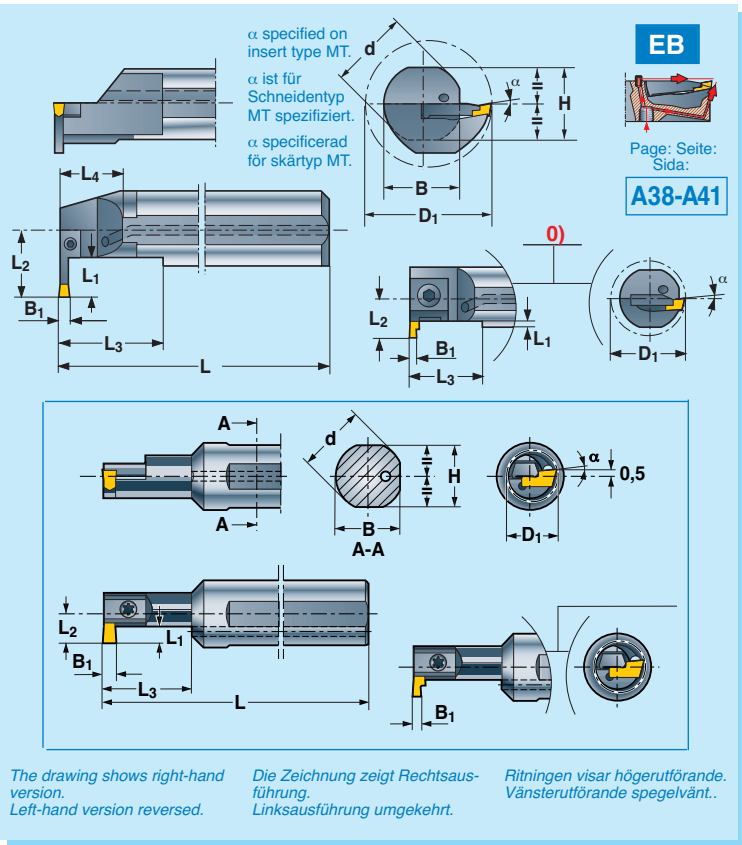
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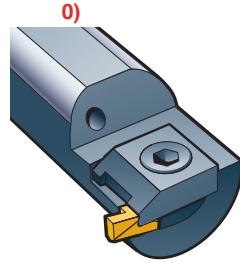


Through coolant
Innere Kühlmittelzufuhr
Invändig kylvätske-
tillförsel

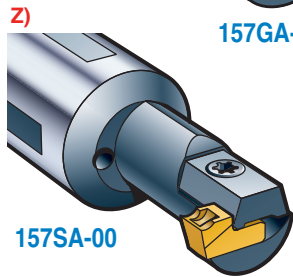
Chipring grooves
Sicherungsringnuten
Läsringsspår



157SA-00



157GA-00

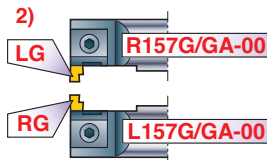


157SA-00

	α	H	B	D_1 min	d	L	L_2	L_3	L_4	L_1	B_1	SHN SHR SHL	FTX072507 F6S 411	NY7X NY2.5	* R/LG-050b R/LG-060b R/LG-070b R/LG-080b R/LG-090b R/LG-105b	Page: Seite: Sida: A130-A148
Z0) R/L157GA-0016x3x1/12	5	15	15,5	12	16	130	6,0	25	-	-	0,50	SHN 33	FTX072507	-	R/LG-110b	
O) R/L157GA-0016x3x1/16	5	15	15,5	16	16	150	7,5	30	-	-	1,85	*SHR 43S *SHL 43S	F6S 411	-	R/LG-125b	
O) R/L157GA-0016x3x1	9	15	15,5	20	16	150	10,5	-	-	3	-	*SHR 43G *SHL 43G	F6S 411	-	R/LG-130b	
O) R/L157GA-0020x3x1	9	18	19	24	20	160	12,5	-	-	-	-	*SHR 43G *SHL 43G	F6S 411	-	R/LG-155b	
O) R/L157GA-0025x3x1	11	23	23,5	29	25	180	15	-	-	-	-	*SHR 43G *SHL 43G	F6S 411	-	R/LG-160b	
R/L157GA-0016x4x2/16	5	15	15,5	16	16	150	7,5	30	-	-	2,15	*SHR 43S *SHL 43S	F6S 411	-	R/LG-215b ²⁾ R/LG-265b ²⁾	
R/L157GA-0020x4x2	9	18	19	25	20	160	14	-	30	4	-	*SHR 43G *SHL 43G	F6S 411	-	R/LG-215b ²⁾ R/LG-315b ²⁾	
R/L157GA-0025x4x2	11	23	23,5	30	25	180	16,5	-	40	-	3,15	*SHR 43G *SHL 43G	F6S 411	-	R/LG-265b ²⁾	
Z) R/L157SA-0016x3x2/12	20	15	15,5	12	16	130	6,0	25	-	3	2	SHN 33	FTX072507	-	NY7X	
R/L157SA-0016x3x2/16	20	15	15,5	16	16	150	7,5	30	-	3	2	*SHR 43S *SHL 43S	F6S 411	-	MP-20 MA-20	
R/L157SA-0016x3x2	20	15	15,5	20	16	150	10,5	-	25	3	2	*SHR 43G *SHL 43G	F6S 411	-	NY2.5	
R/L157SA-0020x4x2	5	18	19	25	20	160	14	-	25	4	2	*SHR 43G *SHL 43G	F6S 411	-	MT-20	
R/L157SA-0025x4x2	7	23	23,5	30	25	180	16,5	-	25	4	2	*SHR 43G *SHL 43G	F6S 411	-	MP-20	
R/L157SA-0020x6x2	5	18	19	27	20	160	16	-	25	6	2	*SHR 42 *SHL 42	F6S 411	-	MA-20	
R/L157SA-0025x6x2	7	23	23,5	32	25	180	18,5	-	25	6	2	*SHR 42 *SHL 42	F6S 411	-	MZ-20	
R/L157SA-0025x8x2	9	23	23,5	34	25	180	20,5	-	25	8	2	*SHR 102 *SHL 102	F6S 411	-		
Z) R/L157SA-0016x3x2.5/12	20	15	15,5	12	16	130	6,0	25	-	3	2,5	SHN 33	FTX072507	-	NY7X	
R/L157SA-0016x3x2.5/16	20	15	15,5	16	16	150	7,5	30	-	3	2,5	*SHR 43S *SHL 43S	F6S 411	-	MP-25 MA-25	
R/L157SA-0016x3x2.5	20	15	15,5	20	16	150	10,5	-	25	3	2,5	*SHR 43G *SHL 43G	F6S 411	-	NY2.5	
R/L157SA-0020x4x2.5	5	18	19	25	20	160	14	-	25	4	2,5	*SHR 43G *SHL 43G	F6S 411	-	MT-25	
R/L157SA-0025x4x2.5	7	23	23,5	30	25	180	16,5	-	25	4	2,5	*SHR 43G *SHL 43G	F6S 411	-	MT-25Fr ³⁾	
R/L157SA-0020x6x2.5	5	18	19	27	20	160	16	-	25	6	2,5	*SHR 42 *SHL 42	F6S 411	-	MT-2.3r0.5	
R/L157SA-0025x6x2.5	7	23	23,5	32	25	180	18,5	-	25	6	2,5	*SHR 42 *SHL 42	F6S 411	-	MP-25	
R/L157SA-0025x8x2.5	9	23	23,5	34	25	180	20,5	-	25	8	2,5	*SHR 102.5 *SHL 102.5	F6S 411	-	MA-25	
Z) R/L157SA-0016x3x3/12	20	15	15,5	12	16	130	6,0	25	-	3	3	SHN 33	FTX072507	-	NY7X	
R/L157SA-0016x3x3/16	20	15	15,5	16	16	150	7,5	30	-	3	3	*SHR 43S *SHL 43S	F6S 411	-	MP-3	
R/L157SA-0016x3x3	20	15	15,5	20	16	150	10,5	-	25	3	3	*SHR 43G *SHL 43G	F6S 411	-	MP-30	
R/L157SA-0020x4x3	5	18	19	25	20	160	14	-	25	4	3	*SHR 43G *SHL 43G	F6S 411	-	MA-30	
R/L157SA-0025x4x3	7	23	23,5	30	25	180	16,5	-	25	4	3	*SHR 43G *SHL 43G	F6S 411	-	MT-3	
R/L157SA-0020x6x3	5	18	19	27	20	160	16	-	25	6	3	*SHR 43 *SHL 43	F6S 411	-	MP-30	
R/L157SA-0025x6x3	7	23	23,5	32	25	180	18,5	-	25	6	3	*SHR 43 *SHL 43	F6S 411	-	MT-3.1r0.5	
R/L157SA-0025x8x3	9	23	23,5	34	25	180	20,5	-	25	8	3	*SHR 133 *SHL 133	F6S 411	-	MA-30	
															MT-3b	
															MB-3F ³⁾	
															MT-3c	
															MT-30F ³⁾	
															MZ-3	
															MP-3	

X) SHR SHL

X) Clamp SHR is used in L-holders and clamp SHL in R-holders.
X) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
X) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

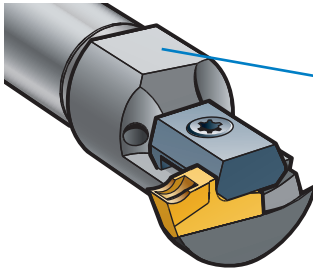
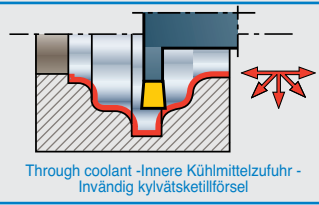


2) Left-hand inserts (LG) are used in right-hand holders and right-hand inserts (RG) are used in left-hand holders.
2) Linksschneiden (LG) werden in Rechtshaltern und Rechtsschneiden (RG) in Linkshaltern verwendet.
2) Vänsterskär (LG) används i högerhållare och högerskär (RG) i vänsterhållare.

157TA-00

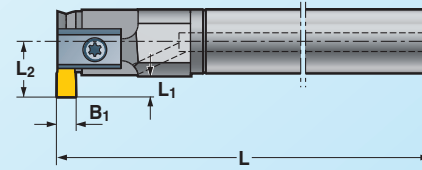
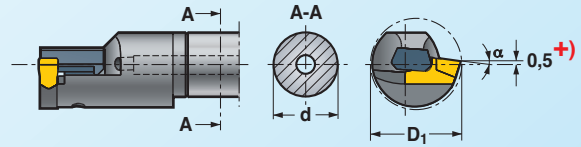
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Flat surface for centre height adjustment.
Plane Oberfläche zur Anpassung der Spitzenhöhe.
Plan yta för inställning av centrumhöjd.

Solid carbide shank
Solider Hartmetallschaft
Skaft i solid hårdmetall



The drawing shows right-hand version.
Left-hand version reversed.
Die Zeichnung zeigt Rechtsausführung.
Linksausführung umgekehrt.
Ritningen visar högerutförande.
Vänsterutförande spegelvänt.

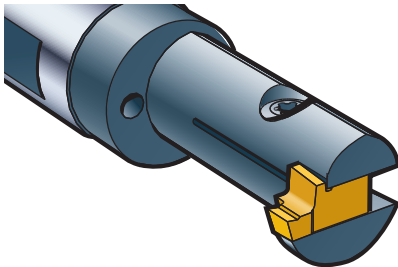
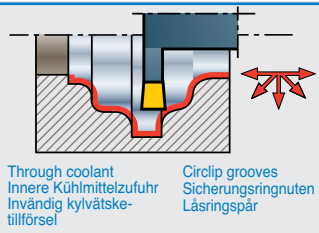
	α	$D_{1\text{ min}}$	d	L	L_1	B_1	SHN	FTX	NY	MP	MA
+) R/L 157TA-0008x3x2/12 R/L 157TA-0010x3x2/14	20 20	12 14	8 10	130 150	3	2	SHN 33	FTX072507	NY7X	MP-20 MA-20	
+) R/L 157TA-0008x3x2.5/12 R/L 157TA-0010x3x2.5/14	20 20	12 14	8 10	130 150	3	2,5	SHN 33	FTX072507	NY7X	MP-25 MA-25	
+) R/L 157TA-0008x3x3/12 R/L 157TA-0010x3x3/14	20 20	12 14	8 10	130 150	3	3	SHN 33	FTX072507	NY7X	MP-3 MP-30	MA-30
+) R/L 157TA-0008x3x4/12 R/L 157TA-0010x3x4/14	20 20	12 14	8 10	130 150	3	4	SHN 33	FTX072507	NY7X	MP-40 MP-4	MA-40

$f_n = 0,01 - 0,03$
 $f_n = \text{Feed, mm/rev}$
 $f_n = \text{Vorschub, mm/U}$
 $f_n = \text{Matning, mm/var}$

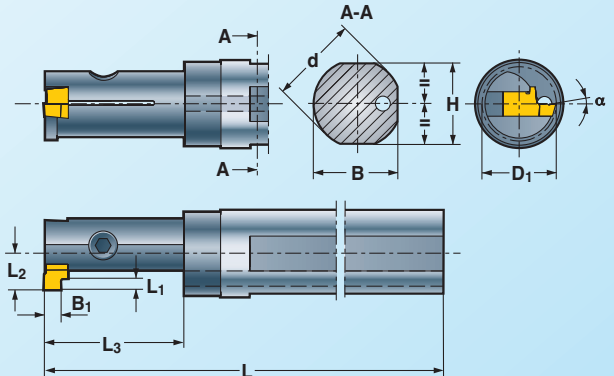
157HA-00

Recommendations
Empfehlungen
Rekommendationer

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Seite:
Sida: **A31**

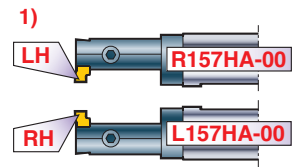


$f_n = 0,01 - 0,03$
 $f_n = \text{Feed, mm/rev}$
 $f_n = \text{Vorschub, mm/U}$
 $f_n = \text{Matning, mm/var}$



The drawing shows right-hand version.
Left-hand version reversed.
Die Zeichnung zeigt Rechtsausführung.
Linksausführung umgekehrt.
Ritningen visar högerutförande.
Vänsterutförande spegelvänt.

	α	H	B	$D_{1\text{ min}}$	d	L	L_2	L_3	L_1	B_1	FTX	NY	MP	MA
+) R/L 157HA-0012x2x1/8 R/L 157HA-0012x2.5x2/10	10 10	11 11	11,5 11,5	8 10	12 12	125 125	3,6 4,6	21 21	1 2,5	0,4 - 1,5 - 1,25	FTX072206 MC6S-205	NY7X NY1.5	R/LH-040b ¹⁾ R/LH-090b ¹⁾	R/LH-110b ¹⁾ R/LH-125b ¹⁾

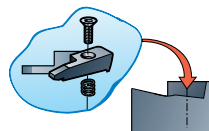


1) Left-hand inserts (LH) are used in right-hand holders and right-hand inserts (RH) are used in left-hand holders.
1) Linksschneiden (LH) werden in Rechtshaltern und Rechtsschneidern (RH) in Linkshaltern verwendet.
1) Vänsterskär (LH) används i högerhållare och högerskär (RH) i vänsterhållare.

* Selection of cutting geometry, page: **A44-A58**
Wahl der Schneidengeometrie, Seite: **A44-A58**
Val av skärgeometri, sid: **A44-A58**

Ordering example:
Bestellbeispiel: **R157TA-0008 x 3 x 2/12**
Beställningsexempel:

- 3)** See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
- 3)** Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
- 3)** Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktyghållaren.

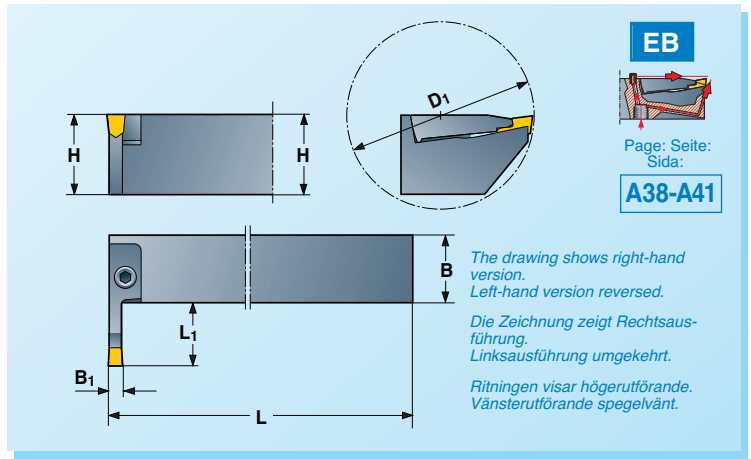
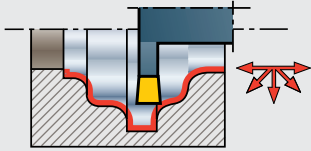


Spare parts shown in the coloured columns are supplied assembled in each tool.
Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.
Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

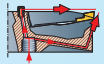
157S

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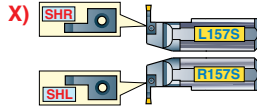
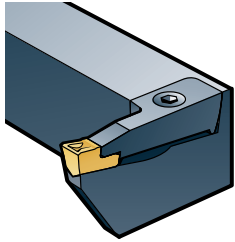
EB



Page: Seite:
Sida:

A38-A41

A



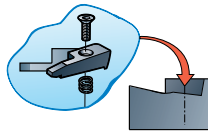
- x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
- x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.

	D ₁ min	H	B	L	L ₁	B ₁	SHR	SHL						Page: Seite: Sida: A130-A148
R/L157S-2525x20x3	90	25	25	160	20	3	x)SHR 203M	x)SHL 203M	F6S 418	BF 04M	NY 2.5	MT-3 MT-3.1r0.5 MT-3b MT-3c	MS-3D MS-3 MZ-3 MP-30	MP-3 MA-30 MB-3F ³⁾ MT-30Fr ³⁾
R/L157S-2520x20x4	90	25	20	160	20	4-4,5	x)SHR 204MT	x)SHL 204MT	F6S 418	BF 04M	NY 2.5	MT-4 MT-3.7r1 ³⁾ MT-4r1 MT-4.5r1 MT-4b	MT-4c MS-4D MZ-4 MP-40	MP-4 MA-40 MB-4F ³⁾ MT-40Fr ³⁾
R/L157S-2520x20x5 R/L157S-3220x25x5	90 90	25 32	20 20	160 200	20 25	5	x)SHR 205MT x)SHR 255MT	x)SHL 205MT x)SHL 255MT	F6S 418 F6S 418	BF 04M BF 04M	NY 2.5	MT-5 MT-5r1 MT-5b MT-5c	MS-5 MZ-5 MP-5 MA-50	MB-5F ³⁾ MT-50Fr ³⁾
R/L157S-2020x20x6 R/L157S-3220x20x6	90 90	20 32	20 20	160 200	20 20	6-7,5	x)SHR 206MT	x)SHL 206MT	F6S 418	BF 04M	NY 2.5	MT-6 MT-6.4r1 MT-6b MT-6c MS-6	MZ-6 MP-6 MA-60 MT-60Fr ³⁾ MT-7	MT-7.5r1 MT-7b MT-7c MT-70Fr ³⁾
R/L157S-3225x25x6	90	32	25	200	25	6-7,5	x)SHR 256MT	x)SHL 256MT	F6S 418	BF 04M				
R/L157S-2525x20x8 R/L157S-3220x20x8 R/L157S-4025x20x8	140 140 140	25 32 40	25 20 25	200 200 250	20	8-9	x)SHR 208MT	x)SHL 208MT	F6S 519	BF 05M	NY 3	MT-8 MT-8b MT-8c MS-8	MZ-8 MP-8 MT-9 MT-9r1	MT-9b MT-9c
R/L157S-3232x30x10 R/L157S-4025x30x10	140 140	32 40	32 25	250 250	30	10-11	x)SHR3010MT	x)SHL3010MT	F6S 519	BF 05M	NY 3	MT-10 MT-10r1 MT-10b MT-10c MS-10	MZ-10 MP-10	
R/L157S-4040x30x12	140	40	40	250	30	12	x)SHR3012MT	x)SHL3012MT	F6S 519	BF 05M	NY 3	MT-12 MT-12c MS-12	MZ-12	



Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sid:

A44-A58



Spare parts shown in the coloured columns are supplied assembled in each tool.

Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

Ordering example:
Bestellbeispiel:
Beställningsexempel:

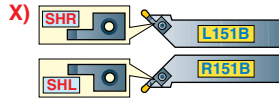
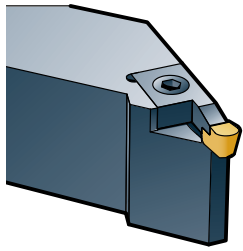
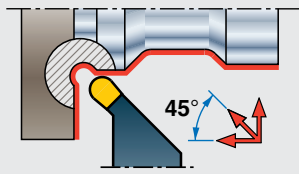
L157S-3225 x 25 x 6

- 3) See page A131(MT-3.7r1), A137(MB) and A148(MT-..Fr) for modification of the tool holder.
- 3) Siehe Seite A131(MT-3.7r1), A137(MB) und A148(MT-..Fr) für Modifizierung des Werkzeughalters.
- 3) Se sid A131(MT-3.7r1), A137(MB) och A148(MT-..Fr) för modifiering av verktyghållaren.

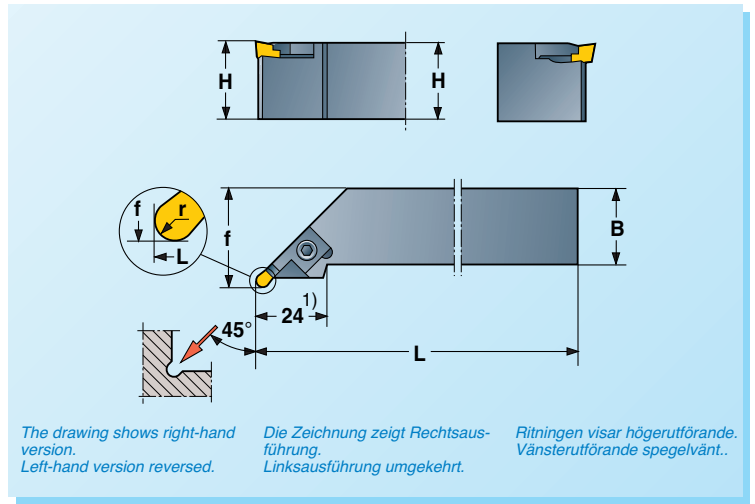
151B

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- x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
- x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.



	H	B	¹⁾ L	¹⁾ f ±0,08	r	SHN	SHR	SHL	Screw	Spring	Hex Key	Insert	Page: Seite: Sida: A138
R/L151B-1616x2x2	16	16	100	20	1-1,5	SHN	SHR 134	SHL 134	F6S 411	-	NY 2.5	B-200r1 B-300r1.5	
R/L151B-2020x2x2	20	20	125	25									
R/L151B-2525x2x2	25	25	150	32									
R/L151B-3225x2x2	32	25	150	32									
R/L151B-1616x4x4	16	16	100	20	2-3	SHN	SHR 134	SHL 134	F6S 411	-	NY 2.5	B-400r2 B-500r2.5 B-600r3	
R/L151B-2020x4x4	20	20	125	25									
R/L151B-2525x4x4	25	25	150	32									
R/L151B-3225x4x4	32	25	150	32									
R/L151B-2020x8x8T	20	20	125	25	4	SHN 8T		F6S 418	BF 04T	NY 2.5	B-800r4		
R/L151B-2525x8x8T	25	25	150	32									
R/L151B-3225x8x8T	32	25	150	32									

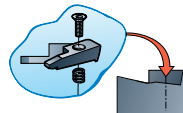
- 1) On master inserts with:
r = 1,5 mm
r = 3,0 mm
r = 4,0 mm

- 1) Für Schneiden mit:
r = 1,5 mm
r = 3,0 mm
r = 4,0 mm

- 1) Till masterskär med:
r = 1,5 mm
r = 3,0 mm
r = 4,0 mm

Ordering example:
Bestellbeispiel:
Beställningsexempel:

R151B-2525 x 4 x 4



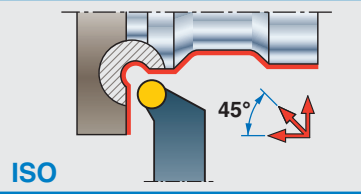
Spare parts shown in the coloured columns are supplied assembled in each tool.

Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

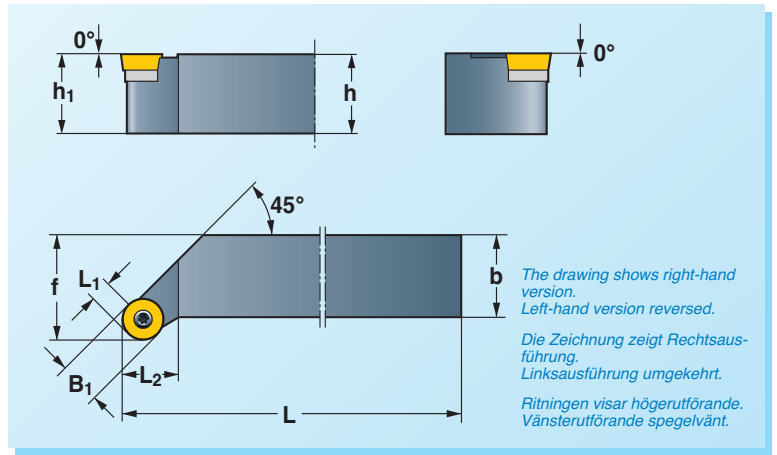
Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

SRSC R/L
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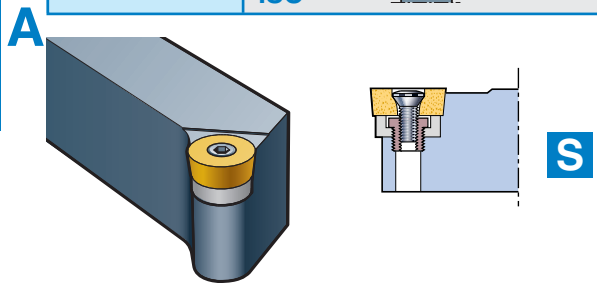
ISO





The drawing shows right-hand version.
 Left-hand version reversed.

Die Zeichnung zeigt Rechtsausführung.
 Linksausführung umgekehrt.

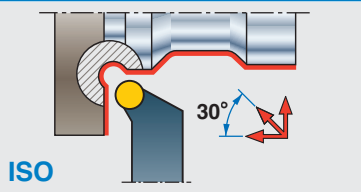
Ritningen visar högerutförande.
 Vänsterutförande spegelvänt.



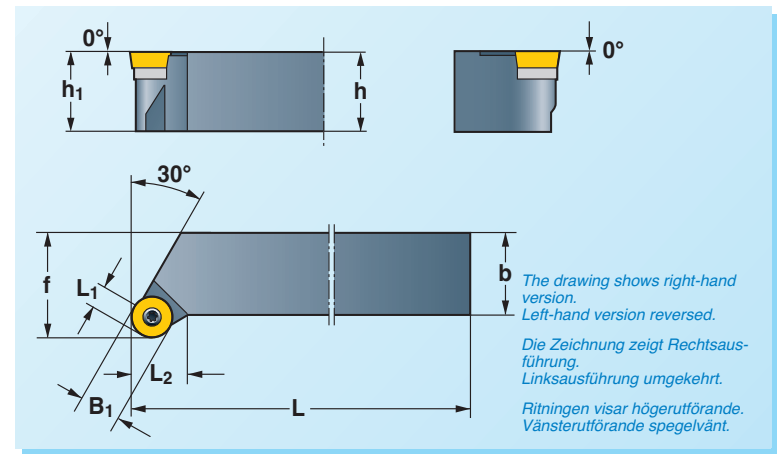
 	h=h ₁	b	L	L ₂	f	L ₁	B ₁		 torx				 Page: Seite: Sida: A156-A157
SRSCR/L 1212F06 SRSCR/L 1616H06 SRSCR/L 2020K06 SRSCR/L 2525M06	12 16 20 25	12 16 20 25	80 100 125 150	10 12 14 16	16 20 25 32	3	6	FTX072507	NY7X	-	-	-	0602M0
SRSCR/L 1616H08 SRSCR/L 2020K08 SRSCR/L 2525M08	16 20 25	16 20 25	100 125 150	14 16 18	20 25 32	4	8	FTX093008	NY9X	-	-	-	0803M0
SRSCR/L 1616H10 SRSCR/L 2020K10 SRSCR/L 2525M10	16 20 25	16 20 25	100 125 150	16 18 20	20 25 32	5	10	FTX153514	NY15X	URC10	RSM508	NY 3.5	10T3M0
SRSCR/L 2525M12 SRSCR/L 3225P12	25 32	25 25	150 170	25 25	32 32	6	12	FTX153514	NY15X	URC12	RSM508	NY3.5	1204M0

SRSC R/L M
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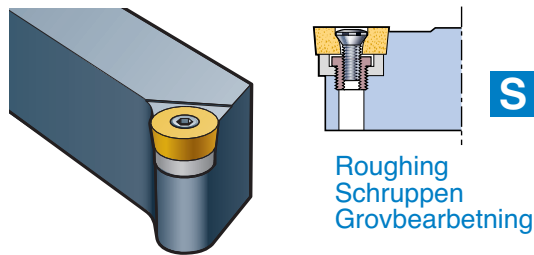
ISO



The drawing shows right-hand version.
 Left-hand version reversed.

Die Zeichnung zeigt Rechtsausführung.
 Linksausführung umgekehrt.

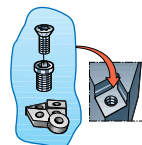
Ritningen visar högerutförande.
 Vänsterutförande spegelvänt.



 	h=h ₁	b	L	L ₂	f	L ₁	B ₁						 Page: Seite: Sida: A156-A157
SRSCR/L 2525-12M SRSCR/L 3225-12M	25 32	25 25	150 170	18 18	32 32	6	12	URN1203	RS61K	D61	F6S12	NY 3	120400/MO
SRSCR/L 3225-16M SRSCR/L 4032-16M	32 40	25 32	170 200	20 20	32 40	8	16	URN1604	RS62	D62	F6S16F	NY 3	160600/MO
SRSCR/L 3225-20M SRSCR/L 4032-20M	32 40	25 32	170 200	25 25	32 40	10	20	URN2004	RS62	D64	F6S20F	NY 4	200600/MO

Ordering example:
 Bestellbeispiel:
 Beställningsexempel:

SRSC L 2020K08



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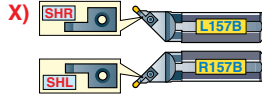
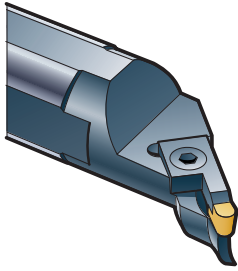
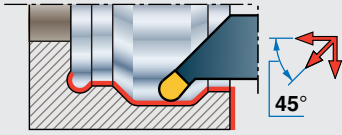
Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

157B

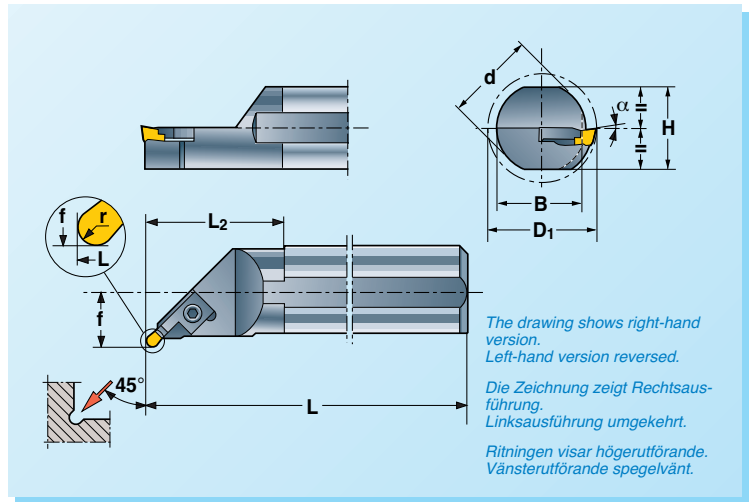
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- x) Clamp SHR is used in L-holders and clamp SHL in R-holders.
- x) Spannhaken SHR wird in L-Haltern und Spannhaken SHL in R-Haltern verwendet.
- x) Spännhake SHR används i L-hållare och spännhake SHL i R-hållare.



 	α	H	B	$D_{1\min}$	d	¹⁾ L	¹⁾ f $\pm 0,08$	L_2	r								Page: Seite: Sida: A138
R/L157B-0016x2x2	-2	15	15,5	21	16	150	9,5	-	1-1,5			F6S 411					
R/L157B-0020x2x2	3	18	19	25	20	180	11,5	-							NY 2.5	B-200r1 B-300r1.5	
R/L157B-0025x2x2	3	23	23,5	30	25	200	14,0	-	1-1,5			F6S 411					
R/L157B-0032x2x2	3	30	30	37	32	250	18,0	-									
R/L157B-0040x2x2	3	37	38	45	40	300	22,0	-									
R/L157B-0025x4x4	3	23	23,5	32	25	200	17,0	35									
R/L157B-0032x4x4	3	30	30	39	32	250	20,5	50	2-3			F6S 411			NY 2.5	B-400r2 B-500r2.5 B-600r3	
R/L157B-0040x4x4	3	37	38	47	40	300	24,5	60									
R/L157B-0040x8x8T	3	37	38	50	40	300	27,0	60	4	SHN 8T		F6S 418	BF 04T	NY 2.5	B-800r4		

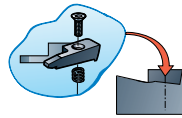
- 1) On master inserts with:
r = 1,5 mm
r = 3,0 mm
r = 4,0 mm

- 1) Für Schneiden mit:
r = 1,5 mm
r = 3,0 mm
r = 4,0 mm

- 1) Till masterskär med:
r = 1,5 mm
r = 3,0 mm
r = 4,0 mm

Ordering example:
Bestellbeispiel:
Beställningsexempel:

R157B-0025 x 4 x 4



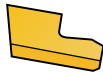
Spare parts shown in the coloured columns are supplied assembled in each tool.

Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

MIRCONA Carbide Grades for Parting-off and Grooving
MIRCONA Hartmetallsorten zum Abstechen und Nutenstechen
MIRCONA hårdmetallsorter för avstickning och spårsvärning

A



MIRCONA . . coated carbide grades
. . beschichtete Hartmetallsorten
. . belagda hårdmetallsorter

Grade Sorte Sort	Type of coating Beschichtungstyp Typ av beläggning	ISO	Application Gebrauch Tillämpning	Recommendations Empfehlungen Rekommendationer
TNC 100 	CVD TiC/Ti(CN)/ TiN	P40/M40		<ul style="list-style-type: none"> Extremely tough grade. Low speeds/high feeds, unfavourable conditions in all types of steel. Extreme zähe Sorte. Niedrige Geschwindigkeiten/hohe Vorschübe, unvorteilhafte Bearbeitungsverhältnisse in allen Typen von Stahl. Extremt seg sort. Låga hastigheter/höga matningar, ofördelaktiga bearbetningsförhållanden i alla typer av stål.
TNC 150 		P35/M30		<ul style="list-style-type: none"> Allround grade for steel/cast steel, malleable/nodular long-chipping iron. Universalsorte für Stahl/Stahlguß, Temperguß/langspanenden Kugelgraphitguß. Allroundsort för stål/gjutet stål, aducergods/långspånande nodulärt gjutjärn.
TNC 250 		P25/M20/ K25		<ul style="list-style-type: none"> Finishing grade. High speeds/low feeds in steel/cast steel, malleable/nodular iron. Fine surface finish. Schlichtsorte. Hohe Geschwindigkeiten/niedrige Vorschübe in Stahl/Stahlguß, Temperguß/Kugelgraphitguß. Hervorragende Oberflächengüte. Finbearbetningssort. Höga hastigheter/låga matningar i stål/gjutstål, aducergods/nodulärt gjutjärn. Fin yta.
ALC 355 	CVD TiC/TiN/ Al ₂ O ₃ /TiN	P15/M15/ K15/S15		<ul style="list-style-type: none"> Exceptionally tough/hard micro-grain grade. Allround grade for steel/cast steel, malleable/nodular long chipping iron. Außergewöhnliche zähe/harte Feinkornsorte. Universalsorte für Stahl/Gußstahl, Temperguß/langspanenden Kugelgraphitguß. Exceptionellt seg/hård finkornig sort. Allround för stål/gjutet stål, aducergods/långspånande nodulärt gjutjärn.
ALC 350 		P15/M10/ K10/S10		<ul style="list-style-type: none"> Extremely wear resistant grade. Very high speeds in steel/cast steel, malleable/nodular cast iron. Extrem verschleißfeste Sorte. Sehr hohen Geschwindigkeiten in Stahl/Stahlguß, Temperguß/Kugelgraphitguß. Extremt slitstark sort. Mycket höga hastigheter i stål/gjutstål, aducergods/nodulärt gjutjärn.
TNP 175 	PVD TiN	P25/M25		<ul style="list-style-type: none"> Allround grade for "soft" easy to machine steels of all kinds, including easy to machine aust. stainless. Universalsorte für „weiche“ leicht zu bearbeitende Stähle aller Typen, inklusive leicht zu bearbeitende aust. rostbeständig. Allroundsort för "mjuka" lättbearbetade stål av alla typer, inklusive lättbearbetat aust. rostfritt.
TNP 2105 	PVD TiAlN	P30/M30 K25/S30/ N25		<ul style="list-style-type: none"> Especially developed grade for difficult to cut materials, like high alloy aust. stainless/heat-resistant Ti/Co-alloys. Speziell entwickelte Sorte für schwer zu bearbeitende Materialien wie hochlegierte aust. rostfreie/warmfeste Ti/Co-Legierungen. Speziellt utvecklade sort för svårbearbetade material som höglegerat aust. rostfritt/varmhållfasta Ti/Co-legeringar.
TNP 2255 		P20/M20/ K15/S20/ N15		<ul style="list-style-type: none"> Exceptionally tough/hard micro-grain grade. Difficult to cut materials like heat-resistant Ti/Co-alloys. Außergewöhnliche zähe/harte Feinkornsorte. Schwer zu bearbeitende Materialien wie warmfeste Ti/Co-Legierungen. Exceptionellt seg/hård finkornig sort. Svårbearbetade material som varmhållfasta Ti/Co-legeringar.