



**Haltertabelle für Gewinde-Schneidsysteme ZA12 und ZR12**  
**Holder table for Thread Cutting Systems ZA12 and ZR12**

Strehlerhalter				Metrische Gewinde DIN 13						Whitworth-Gewinde DIN 11	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	BSF-Gewinde	Amerikanische Gewinde				Ventil-gewinde DIN 7756 ISO 4570	BSC-Gewinde DIN 79012							
Benennung Artikelnummer	Schneidbereich Kern-Ø in mm	Halter- winkel in °	Strehler- abmessung in mm	Regel- gewinde	Feingewinde P =									Whitworth- thread DIN 11	Whitworth- pipe thread DIN EN ISO 228	Conical whitworth- pipe thread DIN EN 10226	BSF thread			NPT NPS	UNC	UNF	UNEF	Valve thread DIN 7756 ISO 4570	BSC- thread DIN 79012	
					0,35	0,5	0,75	1,00	1,25											1,50	NPT NPS	UNC	UNF			UNEF
Chaser holder				Metric thread DIN 13						Whitworth- thread DIN 11	Whitworth- pipe thread DIN EN ISO 228	Conical whitworth- pipe thread DIN EN 10226	BSF thread	American threads				Valve thread DIN 7756 ISO 4570	BSC- thread DIN 79012							
Designation Item number	Cutting range minor-Ø in mm	Holder angle in °	Chaser dimension in mm	Standard thread	Fine thread P =									NPT NPS	UNC	UNF	UNEF									
					0.35	0.5	0.75	1.00	1.25											1.50						
<b>ZR12-A5,00</b> 71121700	0.8–4.8	5.0	11 × 5.5 × 20 (S004)	M1.6–2.2							1/8" 5/32" 3/16" 1/4"						Nr. 1-64 Nr. 10-24 1/4-20	Nr. 1-72		Vg5.2 5V2	1/8" 5/32"					
<b>ZR12-A4,33</b> 71121000	0.8–4.8	4.33	11 × 5.5 × 20 (S004)	M2.5–6	M2 × M2.2 ×						7/32"						Nr. 8-32 Nr. 12-24				3/16" 7/32"					
<b>ZR12-A3,20</b> 71192000	0.8–4.8	3.20	11 × 5.5 × 20 (S004)		M2.5 × M3 ×	M3.5 × M4.5 ×														Vg5 5V1						
<b>ZR12-A2,25</b> 71192300	0.8–4.8	2.25	11 × 5.5 × 20 (S004)		M3.5 × M5 ×	M5 ×																				
<b>ZR12-B4,08</b> 71192600	4.5–8.5	4.08	11 × 5.5 × 20 (S004)								5/16" 3/8"						5/16-18 3/8-16									
<b>ZR12-B3,50</b> 71118600	4.5–8.5	3.50	11 × 5.5 × 20 (S004)	M7–10			M5.5 ×	M7.5 ×						1/4"-26 3/8"-20			1/4-28 5/16-24	Nr. 12-32		Vg6 6V1	1/4" 9/32"					
<b>ZR12-B2,80</b> 71122000	4.5–8.5	2.80	11 × 5.5 × 20 (S004)				M6 × – M7.5 ×	M8 × – M9.5 ×							1/16		3/8-24	1/4-32 5/16-32		Vg8 8V1	5/16" 3/8"					
<b>ZR12-B2,17</b> 71192900	4.5–8.5	2.17	11 × 5.5 × 20 (S004)			M5.5 × M7.5 ×	M8 × – M9 ×							1/8												
<b>ZR12-B1,58</b> 71193200	4.5–8.5	1.58	11 × 5.5 × 20 (S004)		M5.5 × – M8.5 ×	M8 × M9 ×																				
<b>ZR12-C3,40</b> 71116800	8.2–12.2	3.40	11 × 5.5 × 20 (S004)	M11 M12					M10 ×	M12 ×				7/16"-18 1/2"-16												
<b>ZR12-C2,50</b> 71122300	8.2–12.2	2.50	11 × 5.5 × 20 (S004)						M10 × – M12 ×	M12 ×	M14 ×		G1/8" G1/4"	R1/8" R1/4"			7/16-20 1/2-20	3/8-32		Vg9.6 10V1 Vg10 10V2	7/16"					
<b>ZR12-C1,92</b> 71193500	8.2–12.2	1.92	11 × 5.5 × 20 (S004)				M9.5 × – M12 ×	M12 ×										3/8-32 7/16-28 1/2-28		Vg12 12V1	1/2"					
<b>ZR 12-C1,33</b> 71193800	8.2–12.2	1.33	11 × 5.5 × 20 (S004)		M9 × – M12 ×	M9.5 × – M12 ×																				



**Haltertabelle für Gewinde-Schneidsysteme ZA16, ZB16 und ZR16**  
**Holder table for Thread Cutting Systems ZA16, ZB16 and ZR16**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 13	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Ventilgewinde DIN 7756 ISO 4570
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 13	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads			Valve thread DIN 7756 ISO 4570
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>ZR16/1D</b> 70108200	4.33	14.5 × 6.5 × 32 (S02)	0–6.5	M3–3.5 M4–4.5 M5–6		1/8", 5/32" 1/32", 1/4"					Nr. 5-40 Nr. 8-32 Nr. 12-24 1/4-20	Nr. 3-56 Nr. 4-48 Nr. 5-44 Nr. 6-40	Vg5.2 5V1
<b>ZR16/2D</b> 70108400	3.60	14.5 × 6.5 × 32 (S02)	5–11.5	M8 M10–12		5/16", 3/8" 7/16", 1/2"	1/4"-26 5/16"-22				3/8-16 7/16-14 1/2-13	1/4-28	
<b>ZR16/3D</b> 70108800	3.33	14.5 × 6.5 × 32 (S02)	8–14.8	M14–M16		9/16", 5/8"					9/16-12 5/8-11		
<b>ZR16/20D</b> 70108900	2.41	14.5 × 6.5 × 32 (S02)	8–14.8		M10–11 × 1 M13–15 × 1.25 M14–16 × 1.5			G1/8" G1/4" G3/8"	R1/8" R1/4"	1/8-27 1/4-18		1/2-20 9/16-18 5/8-18	
<b>ZR16/69D</b> 70108300	2.75	14.5 × 6.5 × 32 (S02)	0–6.5		M3 × 0.35 M4.5–5 × 0.5								Vg5 5V1 Vg6 6V1
<b>ZR16/70D</b> 70108500	3.08	14.5 × 6.5 × 32 (S02)	5–11.5		M6 × 0.75 / M8 × 1 M10 × 1.25 M12 × 1.5		3/8"-20 1/2"-16			1/16-27		5/16-24	
<b>ZR16/71D</b> 70108600	2.60	14.5 × 6.5 × 32 (S02)	5–11.5		M7–8 × 0.75 M9–10 × 1 M12 × 1.25			G1/8" G1/4"	R1/8" R1/4"	1/8-27 1/4-18		3/8-24 7/16-20 1/2-20	Vg8 8V1 Vg9.6 10V1 VG10 10V2
<b>ZR16/72D</b> 70108700	2.08	14.5 × 6.5 × 32* (S02)	8–14.8		M9–10 × 0.75 M12–14 × 1 M14–18 × 1.25 M18 × 1.5			G3/8"					
<b>ZR16/76D</b> 71071800	1.60	14.5 × 6.5 × 32 (S02)	10–16.8		M11–17 × 0.75 M15–18 × 1							5/8-24 11/16-24	
<b>ZR16/76D</b> 71071800	1.60	14.5 × 5.5 × 32 (S02/5.5)	12–18.8		M18 × 0.75 M18–20 × 1 M19–20 × 1.25 M20 × 1.5							5/8-24 11/16-24 3/4-20	

**Bei ZA und ZB16** bis 11 mm Durchmesser 51mm lang **For ZA, ZB16** to 11 mm diameter 51mm long  
über 11 bis 16 mm Durchmesser 30 mm lang over 11 to 16 mm diameter 30 mm long  
über 16 Durchmesser 15 mm lang over 16 diameter 15 mm long  
**Bei ZR16** über 16 Durchmesser 15 mm lang **For ZR16** over 16 diameter 15 mm long



**Haltertabelle für Gewinde-Schneidsysteme ZA22, ZB22 und ZR22**  
**Holder table for Thread Cutting Systems ZA22, ZB22 and ZR22**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 13	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde		
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 13	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads		
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF
<b>ZR22/1D</b> 70191100	4.33	14.5 × 6.5 × 32 (S02)	1.7–11.7	M3–6		5/32–3/8" 7/32–7/16" 1/4", 5/16", 1/2"					Nr. 8-32 Nr. 12-24 5/16-18	
<b>ZR22/2D</b> 70191400	3.60	14.5 × 6.5 × 32 (S02)	4–13.5	M7–9 M10–11 M11–14		9/16" 5/8"	1/4"-26 5/16"-22				1/2-13 9/16-12 5/8-11	1/4-28
<b>ZR22/3D</b> 70191800	3.08	16 × 7 × 35 (S03)	11–20	M16–M18 M20–M22		3/4" 7/8"					3/4-10 7/8-9	
<b>ZR22/20D</b> 70191600	2.41	14.5 × 6.5 × 32 (S02)	7.8–17.3		M10–13 × 1 M13–15 × 1.25 M15–18 × 1.5		11/16"-14	G1/8" G1/4 3/8"		1/8-27 1/4-18		3/8-24 1/2-20 9/16-18 5/8-18
<b>ZR22/21D</b> 70191900	2	14.5 × 6.5 × 32 (S02)	16–25		M18–23 × 1.5			G1/2" G5/8" G3/4"		1/2-14* 3/4-14*		3/4-16 7/8-14 1-12
<b>ZR22/31D</b> 72244500	2	16 × 7 × 35 (S03)	7.8–17.3		M14–16 × 1.5			G3/8"	R3/8"	1/8-27 1/4-18 3/8-18		1/2-20 5/8-18 3/4-16
<b>ZR22/32D</b> 72243500	2.1	22 × 7 × 32 (S09)	16–25		M18–24 × 1.5			G1/2–3/4"	R1/2"	1/2-14 3/4-14		7/8-14
<b>ZR22/70D</b> 70191300	3.08	14.5 × 6.5 × 32 (S02)	1.7–11.7		M4–4.5 × 0.5 M6 × 0.75/M8 × 1 M10 × 1.25/M12 × 1.5		3/8"-20 7/16"-18 1/2"-16			1/16-27		5/16-24
<b>ZR22/71D</b> 70191500	2.60	14.5 × 6.5 × 32 (S02)	5–14.5		M7–8 × 0.75/M9–10×1 M12–13 × 1.25 M14–16 × 1.5		9/16"-16 5/8"-14	G1/8" G1/4"	R1/8" R1/4"	1/8-27 1/4-18		3/8-24 7/16-20 1/2-20
<b>ZR22/72D</b> 70191700	1.83	14.5 × 6.5 × 32 (S02)	7.8–17.3		M10–12 × 0.75 M14–18 × 1 M18 × 1.25			G3/8"				
<b>ZR22/73D</b> 70192000	1.75	14.5 × 6.5 × 32 (S02)	17–26.1		M19–20 × 1 M19–26 × 1.25 M22–28 × 1.25			G3/4"				1-12

**Bei ZA und ZB22** 16–22 mm Durchmesser 51 mm lang  
über 22 mm Durchmesser 18 mm lang  
**Bei ZR22** ab 22 mm Durchmesser 15 mm lang

**For ZA and ZB22** 16–22 mm Diameter 51 mm long  
above 22 mm Diameter 18 mm long  
**For ZR22** from 22 mm Diameter 15 mm long



**Haltertabelle für Gewinde-Schneidsysteme ZA27, ZB27 und ZR27**  
**Holder table for Thread Cutting Systems ZA27, ZB27 and ZR27**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 13	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde		
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 13	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads		
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF
<b>ZR27/1D</b> 70200400	4.08	22 × 10 × 40 (S04)	3.1–13.6	M4.5–6 M7–14		1/4", 5/16" 3/8" 7/16", 1/2"					Nr.12-24 5/16-18 3/8-16 7/16-14	Nr.8-36 Nr.10-32 Nr.12-28
<b>ZR27/20D</b> 73299700	2.41	22 × 10 × 40 (S04)	7–17.3		M8–9 × 0.75 M10–11 × 1 M12–14 × 1.25 M14–18 × 1.5		11/16"-14	G1/8" G1/4" G3/8"	R1/8" R1/4" R3/8"	1/8-27 1/4-18 3/8-18		1/2-20 9/16-18 5/8-18 3/4-16
<b>ZR27/21D</b> 73903600	2	22 × 10 × 40 (S04)	16–26.1		M18–28 × 1.5 M24–28 × 2			G1/2" G5/8" G3/4"	R1/2" R5/8" R3/4"	1/2-14 3/4-14		7/8-14 1-12 1 1/8-12
<b>ZR27/63D</b> 70200600	3.60	22 × 10 × 40 (S04)	3.1–13.6	M7–14		9/16" 5/8"	1/4"-26 5/16"-22				1/2-13 9/16-12 5/8-11	1/4-28
<b>ZR27/65D</b> 70201300	3.08	22 × 10 × 40 (S04)	13–22.6	M16–24	M17–18 × 2	3/4" 7/8" 1"	5/8"-14 3/4"-12				3/4-10 7/8-9 1-8	
<b>ZR27/69D</b> 70200700	3.08	22 × 10 × 40 (S04)	3.1–13.6	M11 M16	M6 × 0.75 M8–9 × 1 M10–11 × 1.25 M12–13 × 1.5		3/8"-20 7/16"-18 1/2"-16 5/8"-14					5/16-24 3/8-24 7/16-20
<b>ZR27/72D</b> 73575000	2.20	22 × 10 × 40 (S04)	9.0–19.1		M10 × 0.75 M11–14 × 1 M13–17 × 1.25 M16–20 × 1.5 M20 × 2			G1/8" G1/4" G3/8" G1/2"	R1/8" R1/4" R3/8" R1/2"	1/8-27 1/4-18 3/8-18 1/2-14		5/8-18 3/4-16
<b>ZR27/73D</b> 73287300	1.75	22 × 10 × 40 (S04)	16–26.1		M18–20 × 1 M19–24 × 1.25 M20–29 × 1.5 M28 × 2			G5/8" G3/4"	R5/8" R3/4"	1/2-14 3/4-14		1-12
<b>ZR27/76D</b> 73287500	1.5	22 × 7 × 32 (S09)	26.1–35.1		M28–36 × 1 M28–37 × 1.5 M30–37 × 2			G1"	R1" (nur Messing)	1-11,5 (nur Messing)		

**Bei ZA, ZB 27** >18 bis 27mm Durchmesser max. 65 mm lang  
 >27mm Durchmesser max. 28 mm lang  
**Bei ZR 27** >27mm Durchmesser max. 28 mm lang  
 bei konischen Gewinden max. 17 mm lang

**For ZA, ZB 27** >18 to 27mm Diameter max. 65 mm long  
 >27mm Diameter max. 28 mm long  
**For ZR 27** >27mm Diameter max. 28 mm long  
 for tapered threads max. 17 mm long



**Haltertabelle für Gewinde-Schneidsysteme Z16, ZS16 und ZK16**  
**Holder table for Thread Cutting Systems Z16, ZS16 and ZK16**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 13	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde		
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 13	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads		
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF
<b>Z16/1D</b> 70213000	4.33	22 × 10 × 52 (S05)	1-9	M4 M4,5 M5 M6		5/32-7/32" 1/4" 5/16" 3/8"					Nr. 8-32 Nr. 12-24 5/16-18 3/8-16	Nr. 6-40 Nr. 8-36 Nr. 10-32 Nr. 12-28
<b>Z16/2D</b> 70213400	3.80	22 × 10 × 52 (S05)	3.8-11.8	M6-10 M12		7/16" 1/2"	1/4"-26				3/8-16 7/16-14 1/2-13	Nr. 12-28 1/4-28
<b>Z16/3D</b> 70213800	3.33	22 × 10 × 52 (S05)	6-13.8	M9-14 M16		9/16" 5/8"	5/16"-22 3/8"-20 7/16"-18				9/16-12 5/8-11	
<b>Z16/20D</b> 70214000	2.41	22 × 10 × 52 (S05)	7.5-15.3		M10-11 × 1 M12-14 × 1.25 M14-16 × 1.5		9/16"-16	G1/8-1/4" R3/8"	R1/8-1/4" R3/8"	1/4-18		1/2-20 9/16-18 5/8-18
<b>Z16/70D</b> 70213900	2.75	22 × 10 × 52 (S05)	6-13.8		M7 × 0.75 M9-10 × 1 M10-12 × 1.25 M13-14 × 1.5		9/16"-16	G1/4"	R1/4"			3/8-24 7/16-20
<b>Z16/72D*</b> 70214200	2.08	22 × 10 × 52 (S05)	7.5-15.3		M9-11 × 0.75 M11-14 × 1 M14-16 × 1.25 M17 × 1.5			G3/8"	R3/8"	1/8-27		5/8-18
<b>Z16/74D*</b> 70214300	2.08	22 × 10 × 52 (S05)	11.5-19.1		M13-16 × 1 M14-18 × 1.25 M17-20 × 1.5			G3/8"	R3/8"			5/8-18 3/4-16
<b>Z16/75D</b> 70213700	3.08	22 × 10 × 52 (S05)	3.8-11.8	M9-11	M6 × 0.75 M8 × 1 M10 × 1.25 M12 × 1.5		3/8"-20 7/16"-18 1/2"-16					5/16-24
<b>Z16/76D*</b> 70214400	1.75	22 × 10 × 52 (S05)	16.2-23.8		M18 × 1 M18-24 × 1.25 M22-25 × 1.5							

\*Bei Gewindedurchmessern über 16 mm nur 30 mm lang einschließlich Anschnitt

\*For thread diameters > 16 mm only 30 mm long including throat



**Haltertabelle für Gewinde-Schneidsysteme Z27 und ZE27**  
**Holder table for Thread Cutting Systems Z27 and ZE27**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 13	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Rundgewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 13	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads			Round thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>Z27/1D</b> 70502100	4.17	22 × 10 × 68 (S06)	4–16	M5-8		7/32", 1/4" 5/16", 3/8" 7/16", 1/2" 9/16", 5/8" H14–16 × 4.5					Nr./No. 12-24 5/16-18 3/8-16 7/16-14 1/2-13 9/16-12 5/8-11	Nr. 10-32 Nr. 12-28 1/4-28	
<b>Z27/2D</b> 70503700	3.33	25 × 12 × 75 (S07)	11.4–23.4	M16–27		5/8", 3/4" 13/16", 7/8" 15/16", 1"					5/8-11 3/4-10 7/8-9 1-8		Rd21 × 1/8" Rd22 × 1/8" Rd24 × 1/8" Rd26 × 1/8"
<b>Z27/20D</b> 72929400	2.41	25 × 12 × 75 (S07)	8–20		M10–14 × 1 M12–17 × 1,25 M14–20 × 1,5 M19–22 × 2	H14–16 × 4.5	11/16"-14 13/16"-12 7/8"-11	G1/8" G1/4" G3/8" G1/2"	R1/8" R1/4" R3/8" R1/2"	1/4-18 3/8-18 1/2-14		1/2-20 9/16-18 5/8-18 3/4-16 7/8-14	
<b>Z27/21D</b> 72410100	1.83	25 × 12 × 75 (S07)	20–31.6*		M22–28 × 1,5 M24–34 × 2			G5/8" G3/4" G7/8" G1"	R5/8" R3/4" R7/8" R1"	3/4-14 1-11½		1-12 1½-12 1¼-12	
<b>Z27/63D</b> 70502300	3.60	22 × 10 × 68 (S06)	4–16	M7–18		9/16", 5/8"	1/4"-26 9/32"-26 5/16"-22				7/16-14 1/2-13 9/16-12 5/8-11	1/4-28	

\*Bei Gewindedurchmessern über 30 mm nur 30 mm lang einschließlich Anschnitt

\*For thread diameters >30 mm only 30 mm long including throat

**Fortsetzung Tabelle nächste Seite**  
**Continuation of table next page**



**Haltertabelle für Gewinde-Schneidsysteme Z27 und ZE27 (Fortsetzung)**  
**Holder table for Thread Cutting Systems Z27 and ZE27 (Continuation)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 13	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Rundgewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 13	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads			Round thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>Z27/69D</b> 70502400	3.08	22 × 10 × 68 (S06)	4–16	M11 M16	M6 × 0,75 M8 × 1 M10–11 × 1.25 M12–13 × 1.5		3/8"-20 7/16"-18 1/2"-16 5/8"-14					5/16-24 7/16-20	
<b>Z27/70D</b> 72409500	2.60	22 × 10 × 68 (S06)	4–16		M7–8 × 0,75 M9–11 × 1 M11–14 × 1.25 M13–16 × 1,5 M18 × 2		9/16"-16 5/8"-14 11/16"-14	G1/8" G1/4"	R1/8" R1/4"			3/8-24 7/16-20 1/2-20 9/16-18	
<b>Z27/72D</b> 72409700	2.20	22 × 10 × 68 (S06)	8–20		M9–10 × 0,75 M10–14 × 1 M12–18 × 1,25 M14–21 × 1,5 M20–22 × 2			G1/8" G1/4" G3/8" G1/2"	R1/8" R1/4" R3/8" R1/2"	1/8-27 1/4-18 3/8-18 1/2-14		1/2-20 9/16-18 5/8-18 3/4-16 7/8-14	
<b>Z27/73D</b> 72409900	1.75	22 × 10 × 68 (S06)	16.5–28*		M18–20 × 1 M19–25 × 1,25 M19–30 × 1,5 M24–30 × 2			G5/8" G3/4"	R5/8" R3/4"	1/2-14 3/4-14		7/8-14 1-12 1½-12	
<b>Z27/76D</b> 73558100	1.33	22 × 10 × 68 (S06)	25–36.6*		M27–30 × 1 M27–38 × 1,25 M30–38 × 1,5								

\*Bei Gewindedurchmessern über 30 mm nur 30 mm lang einschließlich Anschnitt

\*For thread diameters >30 mm only 30 mm long including throat

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**Haltertabelle für Gewinde-Schneidsysteme Z27 und ZE27 (Fortsetzung)**  
**Holder table for Thread Cutting Systems Z27 and ZE27 (Continuation)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Trapezgewinde DIN 103	Holzgewinde DIN 570	Holzgewinde Werknorm 24262
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm				
Chaser holder			Cutting range minor diameter in mm	Trapezoidal thread DIN 103	Wood thread DIN 570	Wood thread Work standard 24262
Designation Item number	Holder angle in °	Chaser dimension in mm				
<b>Z27/92D</b> 70502600	8.25	25 × 12 × 75 (S07)	4–16		H6 × 2.6 H8 × 3.5 H10 × 4.5 H12 × 5	H6 × 2.6 H8 × 3.2 H9–10 × 3.5 H11–13 × 4 H14–16 × 4.5
<b>Z27/93D</b> 70503400	7.00	40 × 16 × 75 (S11)	8–20		H16 × 6 H20 × 7	H17–19 × 5
<b>Z27/180D</b> 70502800	7.20	25 × 12 × 75 (S07)	4–16	Tr10 × 3 Tr14 × 4		H8 × 3.2 H9–10 × 3.5 H11–13 × 4 H14–16 × 4.5
<b>Z27/181D</b> 70503000	5.83	25 × 12 × 75 (S07)	4–16	Tr12 × 3 Tr16 × 4		
<b>Z27/188D</b> 70503600	4.75	25 × 12 × 75 (S07)	8–20	Tr18–20 × 4		

**Haltertabelle für Gewinde-Schneidsysteme Z27K K1/16 (konisch)**  
**Holder table for Thread Cutting Systems Z27K K1/16 (conical)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Withworth Rohrgewinde DIN EN 10226	Amerikanisches Gewinde NPT
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm			
Chaser holder			Cutting range minor diameter in mm	Whitworth pipe thread DIN EN 10226	American thread NPT
Designation Item number	Holder angle in °	Chaser dimension in mm			
<b>Z27/20E</b> 72028500	2.41	25 × 12 × 75 (S07)	8–20	R1/8", R1/4", R3/8", R1/2"	1/4-18 3/8-18 1/2-14
<b>Z27/21E</b> 72028900	1.83	25 × 12 × 75 (S07)	20–31.6	R5/8", R3/4", R7/8", R1"	3/4-14 1-11½



**Haltertabelle für Gewinde-Schneidsysteme Z39, ZE39 und ZM39**  
**Holder table for Thread Cutting Systems Z39, ZE39 and ZM39**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 246, 247 516-519	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Rundgewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 246, 247 516-519	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads			Round thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>Z39/1D</b> 70553000	4,08	22 × 10 × 68 (S06)	4,7-18,5	M5* M6		5/16" 3/8" 7/16" 1/2"					5/16-18 3/8-16 7/16-14		
<b>Z39/2D</b> 70553700	3,50	22 × 10 × 68 (S06)	4,7-18,5	M7-14		9/16" H14-16 × 4,5					1/2-13 9/16-12 5/8-11		
<b>Z39/3D</b> 70554700	3,08	25 × 12 × 75 (S07)	10,5-24,2	M16-24		3/4" 7/8" 1" 1 1/8"	5/16"-22				3/4-10 7/8-9 1-8 1 1/8-7	Rd22-26 × 1/8"	
<b>Z39/4D</b> 70555200	2,75	25 × 12 × 75 (S07)	20,5-33,8	M27-39		1 1/4" 1 3/8" 1 1/2"					1 1/4-7 1 3/8-6 1 1/2-6	Rd26 × 1/8" Rd28 × 1/8" Rd30 × 1/8" Rd32 × 1/8"	
<b>Z39/20D</b> 70822300	2,41	25 × 12 × 75 (S07)	6,5-20,2		M10-12 × 1 M12-15 × 1,25 M14-18 × 1,5 M19-22 × 2	H14-16 × 4,5	11/16"-14 13/16"-12	G1/8" G1/4" G3/8" G1/2"	R1/8" R1/4" R3/8" R1/2"	1/4-18 3/8-18 1/2-14	1/2-20 9/16-18 5/8-18 3/4-16		
<b>Z39/21D</b> 70822500	1,83	25 × 12 × 75 (S07)	20,5-33,8**		M23-27 × 1,5 M25-36 × 2			G5/8" G3/4" G7/8" G1"	R5/8" R3/4" R7/8" R1"	3/4-14 1-11 1/2	1-12 1-14 1 1/8-12 1 1/4-12 1 3/8-12		
<b>Z39/22D</b> 70822700	1,58	25 × 12 × 75 (S07)	33-45,7**		M36-48 × 2 M45-48 × 3			G1 1/8" G1 1/4" G1 3/8" G1 1/2"	R1 1/4"**** R1 1/2"****		1 1/2-12 1 3/4-12		
<b>Z39/23D</b> 73937000	1,41 1.5/12	25 × 12 × 75 (S07)	47,3-58,8***		M50-60 × 1,5 M50-60 × 2 M52-62 × 3			G1 5/8" G1 3/4" G2"					

\* Mit Sondergleitstücken 8,5 mm hoch.

\*\* Bei Gewindedurchmessern über 45 mm nur 30 mm lang einschließlich Auslauf

\*\*\* Max. Gewindelänge einschließlich Anschnitt 34 mm

\*\*\*\* Mit Strehlerbreite 28 mm

\* With special sliding pieces 8,5 mm high

\*\* For thread diameters > 45 mm only 30 mm long including run-out

\*\*\* Max. thread length incl. throat 34 mm

\*\*\*\* With chaser width 28 mm



**Haltertabelle für Gewinde-Schneidsysteme Z39, ZE39 und ZM39 (Fortsetzung)**  
**Holder table for Thread Cutting Systems Z39, ZE39 and ZM39 (Continuation)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 246, 247 516-519	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Rundgewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 246, 247 516-519	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads			Round thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>Z39/69D</b> 70553100	3,08	22 × 10 × 68 (S06)	4,7-18,5	M11 M16 M20	M8 × 1 M10 × 1,25 M12-13 × 1,5		3/8"-20 7/16"-18 1/2"-16					5/16-24	
<b>Z39/70D</b> 70553800	2,60	22 × 10 × 68 (S06)	4,7-18,5		M7-8 × 0,75 M9-10 × 1 M11-13 × 1,25 M13-16 × 1,5 M18-21 × 2	H14-16 × 4,5	9/16"-16 5/8"-14 11/16"-14 3/4"-12 13/16"-12	G1/8" G1/4"	R1/8" R1/4"			3/8-24 7/16-20 1/2-20 9/16-18	
<b>Z39/71D</b> 70554000	2,20	22 × 10 × 68 (S06)	6,5-20,2		M8-10 × 0,75 M10-14 × 1 M12-17 × 1,25 M15-21 × 1,5			G1/8" G1/4" G3/8" G1/2"	R1/8" R1/4" R3/8" R1/2"	1/8-27 1/4-18 3/8-18		1/2-20 9/16-18 5/8-18 3/4-16 7/8-14	
<b>Z39/72D</b> 70555000	1,75	22 × 10 × 68 (S06)	15-28,5		M17-20 × 1 M18-25 × 1,25 M20-30 × 1,5 M27-30 × 2	H14-16 × 4,5		G3/4" G7/8"		3/4-14		1-12 1½-12	
<b>Z39/74D</b> 70555300	1,33	22 × 10 × 68 (S06)	26,2-39,5		M28-40 × 1,25 M30-41 × 1,5 M38-42 × 2			G1¼"				1⅞-18	
<b>Z39/75D</b> 70555500	1,08	22 × 10 × 68 (S06)	38,3-50,5*		M40-52 × 1,25 M42-52 × 1,5 M45-52 × 2 M40-51 × 1								

\*Bei Gewindedurchmessern über 45mm nur 33mm lang einschließlich Auslauf

\*For thread diameters > 45mm only 33mm long including run-out

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**Haltertabelle für Gewinde-Schneidsysteme Z39, ZE39 und ZM39 (Fortsetzung)**  
**Holder table for Thread Cutting Systems Z39, ZE39 and ZM39 (Continuation)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Trapez- gewinde DIN 103	Holz- gewinde DIN 570	Holz- gewinde Werknorm 24262	Rund- gewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm					
Chaser holder			Cutting range minor diameter in mm	Trapezoidal thread DIN 103	Wood thread DIN 570	Wood thread Work standard 24262	Round- Thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm					
<b>Z39/92D</b> 70553600	8,25	25 × 12 × 75 (S07)	4,7–18,5		H6 × 2,6 H8 × 3,5 H10 × 4,5 H12 × 5	H6 × 2,6 H8 × 3,2 H9–10 × 3,5 H11–13 × 4 H14–16 × 4,5	
<b>Z39/93D</b> 70554400	7,00	40 × 16 × 75 (S11)	6,5–20,2		H16 × 6 H20 × 7	H17–19 × 5 H20–22 × 6 H23–25 × 7	
<b>Z39/180D</b> 70553300	7,20	25 × 12 × 75 (S07)	4,7–18,5	Tr10 × 3 Tr4 × 4		H8 × 3,2 H9–10 × 3,5 H11–13 × 4 H14–16 × 4,5	
<b>Z39/181D</b> 70553500	5,83	25 × 12 × 75 (S07)	4,7–18,5	Tr12 × 3 Tr16 × 4			Rd10 × 1/10"
<b>Z39/182D</b> 70554600	5,00	40 × 16 × 75 (S11)	10,5–24,2	Tr22–24 × 5			
<b>Z39/183D</b> 70554900	4,08	40 × 16 × 75 (S11)	15–28,5	Tr26–28 × 5			
<b>Z39/188D</b> 70554200	4,75	25 × 12 × 75 (S07)	6,5–20,2	Tr14 × 3 Tr18–20 × 4			Rd12 × 1/10" Rd15 × 1/8" Rd16 × 1/8"

**Haltertabelle für Gewinde-Schneidsysteme Z39K (konisch)**  
**Holder table for Thread Cutting Systems Z39K (conical)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Withworth Rohrgewinde DIN EN 10226	Amerikanisches Gewinde NPT
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm			
Chaser holder			Cutting range minor diameter in mm	Whitworth pipe thread DIN EN 10226	American thread NPT
Designation Item number	Holder angle in °	Chaser dimension in mm			
<b>Z39/20E</b> 73298700	2,41	25 × 12 × 75 (S07)	6,5–20,2	R1/8", R1/4", R3/8", R1/2"	1/4-18 3/8-18 1/2-14
<b>Z39/21E</b> 73298900	1,83	25 × 12 × 75 (S07)	20,5–33,8	R5/8", R3/4", R7/8", R1"	3/4-14 1-11½
<b>Z39/22E</b> 73299100	1,58	25 × 12 × 75 (S07)	33–45,7	R1½", R1¼", R1¾", R1½"	1¼-11½ 1½-11½
<b>Z39/23E</b> 73299300	1,41	25 × 12 × 75 (S07)	47,3–58,8	R1⅝", R1¾", R2"	2-11½



**Haltertabelle für Gewinde-Schneidsysteme Z52 und ZS52**  
**Holder table for Thread Cutting Systems Z52 and ZS52**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 246, 247 516-519	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Rundgewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 246, 247 516-519	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads			Round thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>Z52/1D</b> 7057300	4.08	22 × 10 × 68 (S06)	4.5-18.5			5/16" 3/8" 7/16" 1/2"					5/16-18 3/8-16 7/16-14		
<b>Z52/2D</b> 70573100	3.50	22 × 10 × 68 (S06)	4.5-18.5	M7-14		9/16" H14-16 × 4.5					1/2-13 9/16-12 5/8-11		
<b>Z52/3D</b> 70574500	3.08	25 × 12 × 90 (S08)	12.6-26.6	M16-24 M30		3/4" 7/8" 1" 1 1/8"	5/16"-22				3/4-10 7/8-9 1-8 1 1/8-7	Rd 22-26 × 1/8"	
<b>Z52/4D</b> 70575100	2.75	25 × 12 × 90 (S08)	21.8-36.2	M27-39		1 1/4" 1 3/8" 1 1/2"					1 1/4-7 1 3/8-6 1 1/2-6	Rd 25-30 × 1/8"	
<b>Z52/5D</b> 70575400	2.75	40 × 16 × 90 (S12)	32.5-46.0	M39-52		1 5/8" H14-16 × 4.5 1 7/8" 2"					1 3/4-5 2-4 1/2		
<b>Z52/20D</b> 70574100	2.33	25 × 12 × 90 (S08)	8-22		M10-12 × 1 M12-15 × 1.25 M14-18 × 1.5 M20-24 × 2		11/16"-14 13/16"-12 7/8"-11 15/16"-11	G1/8" G1/4" G3/8" G1/2" G5/8"	R1/8" R1/4" R3/8" R1/2" R5/8"	1/4-18 1/2-14	1/2-20 9/16-18 5/8-18 3/4-16 7/8-14		
<b>Z52/21D</b> 70575200	1.83	25 × 12 × 90 (S08)	21.8-36.2		M24-27 × 1.5 M26-38 × 2 M38-40 × 3			G3/4" G1/8" G1" G1 1/8"	R3/4" R1/8" R1"	3/4-14 1-11 1/2	1 1/8-12 1 1/4-12 1 3/8-12 1 1/2-12		
<b>Z52/22D</b> 70575600	1.50	25 × 12 × 90 (S08)	37.7-51.5		M42-50 × 2 M48-54 × 3			G1 1/4" G1 3/8" G1 1/2" G1 5/8" G1 3/4"	R1 1/4" R1 1/2"				
<b>Z52/23D</b> 70575900	1.25*	25 × 12 × 75 (S07)	50.3-63.7		M52-65 × 2 M58-66 × 3			G1 3/4-2" G2 1/4"					

\*Bei Gewindedurchmessern über 53mm max. 46mm lang einschließlich Anschnitt  
 \*For thread diameters > 53mm max. 46mm long including throat

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**Haltertabelle für Gewinde-Schneidsysteme Z52 und ZS52 (Fortsetzung)**  
**Holder table for Thread Cutting Systems Z52 and ZS52 (Continuation)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 246, 247 516-519	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Rundgewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 246, 247 516-519	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads			Round thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>Z52/24D</b> 72469100	1,00	22 × 10 × 68 (S06)	68-79.4*		M70-80 × 1.5 M72-82 × 2			G2 1/2" G2 3/4"					
<b>Z52/71D</b> 70573200	3.08	22 × 10 × 68 (S06)	4.5-18.5	M9 M11 M16 M18 M20	M8 × 1 M10 × 1.25 M12-13 × 1.5	11/16" 3/4" H 14-16 x 4.5	3/8"-20 7/16"-18 1/2"-16				3/4-10	5/16-24 7/16-20	
<b>Z52/72D</b> 70573300	2.60	22 × 10 × 68 (S06)	4.5-18.5		M7-8 × 0.75 M9-11 × 1 M11-14 × 1.25 M13-16 × 1.5 M18-20 × 2		9/16"-16 5/8"-14 11/16"-14 3/4"-12 13/16"-12	G1/8" G1/4"	R1/8" R1/4"	1/4-18		3/8-24 7/16-20 1/2-20 9/16-18	
<b>Z52/73D</b> 70574200	2.20	22 × 10 × 68 (S06)	8-22		M9-10 × 0.75 M11-14 × 1 M13-17 × 1.25 M16-20 × 1.5 M20-24 × 2	H 14-16 x 4.5		G1/8" G1/4" G3/8" G1/2" G5/8"	R1/8" R1/4" R3/8" R1/2" R5/8"	1/8-27 1/4-18 3/8-18 1/2-14		5/8-18 3/4-16 7/8-14	
<b>Z52/75D</b> 70574800	1.75	22 × 10 × 68 (S06)	16.2-30.2		M18-20 × 1 M18-24 × 1.25 M20-30 × 1.5 M27-32 × 2			G3/4" G7/8"	R3/4" R7/8"	1/2-14 3/4-14		1-12 1 1/8-12 1 1/4-12	
<b>Z52/77D</b> 70575300	1.33	22 × 10 × 68 (S06)	26.6-40.6		M29-41 × 1.25 M30-42 × 1.5 M38-42 × 2								
<b>Z52/78D</b> 70575700	1.08	22 × 10 × 68 (S06)	37.7-51.5**		M40-52 × 1.25 M44-52 × 1.5 M48-54 × 2								
<b>Z52/80D</b> 70575800	0.92	22 × 10 × 68 (S06)	47.2-60.2**		M50-52 × 1.25 M50-62 × 1.5 M60-62 × 2								

\*Max. Gewindelänge einschließlich Anschnitt 46 mm

\*\*Bei Gewindedurchmessern über 53 mm max. 34 mm lang einschließlich Anschnitt

\*Max. thread length including throat 46 mm

\*\*For thread diameters > 53 mm max. 34 mm long including throat



**Haltertabelle für Gewinde-Schneidsysteme Z64**  
**Holder table for Thread Cutting Systems Z64**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 246, 247 516–519	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 228	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Rundgewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 246, 247 516–519	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American threads			Round thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>Z64/1D</b> 70593000	4,00	22 × 10 × 68 (S06)	4,5–18,5			5/16" 3/8" 7/16" 1/2"					5/16-18 3/8-16 7/16-14		
<b>Z64/2D</b> 70593100	3,50	22 × 10 × 68 (S06)	4,5–18,5	M7–14 M18		9/16" 5/8"	5/16"-22				1/2-13 9/16-12 5/8-11		
<b>Z64/3D</b> 70594600	3,08	25 × 12 × 90 (S08)	12,6–26,6	M16–24 M30		3/4" 7/8" 1" 1 1/8"					3/4-10 7/8-9 1-8 1 1/8-7	Rd22–26 × 1/8"	
<b>Z64/4D</b> 70595200	2,75	25 × 12 × 90 (S08)	21,8–36,2	M27–39		1 1/4" 1 3/8" 1 1/2"					1 1/4-7 1 3/8-6 1 1/2-6	Rd25–30 × 1/8"	
<b>Z64/5D</b> 70595500	2,75	40 × 16 × 90 (S12)	32,5–46,0	M39–52		1 5/8" 1 3/4" 1 7/8" 2"					1 3/4-5 2-4 1/2		
<b>Z64/6D</b> 70595700	2,50	40 × 16 × 90 (S12)	44,8–52,8	M52–64		2 1/4" 2 3/8" 2 1/2"							
<b>Z64/20D</b> 70594100	2,33	25 × 12 × 90 (S08)	8–22		M10–12 × 1 M12–15 × 1,25 M14–18 × 1,5 M20–24 × 2		11/16"-4 13/16"-12 1/8"-11 15/16"-11	G1/8" G1/4" G3/8" G1/2" G5/8"	R1/8" R1/4" R3/8" R1/2" R5/8"	1/4-18	1/2-20 9/16-18 5/8-18 3/4-16 7/8-14		
<b>Z64/21D</b> 70594500	2,33	25 × 12 × 90 (S08)	10,3–24,3		M12 × 1 M12–16 × 1,25 M15–18 × 1,5 M20–24 × 2		11/16"-14 13/16"-12 7/8"-11 15/16"-11 1"-10	G1/4" G3/8" G1/2" G5/8" G3/4"	R7/8" R1" R1 1/8" R1 1/4" R1 3/8"	1/4-18	1/2-20 9/16-18 5/8-18 3/4-16 7/8-14		
<b>Z64/22D</b> 72926900	1,83	25 × 12 × 75 (S07)	27,8–41,8		M32–36 × 2 M38–45 × 3		1 5/8"-8	G7/8" G1" G1 1/8" G1 1/4" G1 3/8"	R7/8" R1" R1 1/8" R1 1/4" R1 3/8"		1/4-12 1 3/8-12 1 1/2-12		

Fortsetzung Tabelle nächste Seite  
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**Haltertabelle für Gewinde-Schneidsysteme Z64 (Fortsetzung)**  
**Holder table for Thread Cutting Systems Z64 (Continuation)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Metrische Gewinde DIN 13	Metrische Feingewinde DIN 246, 247 516–519	Whitworth-Gewinde DIN 11	BSF-Gewinde	Whitworth-Rohrgewinde DIN EN ISO 288	Konische Whitworth-Rohrgewinde DIN EN 10226	Amerikanische Gewinde			Rundgewinde DIN 405
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm								NPT NPS	NC UNC	NF UNF	
Chaser holder			Cutting range minor-Ø in mm	Metric thread DIN 13	Metric fine thread DIN 246, 247 516–519	Whitworth thread DIN 11	BSF thread	Whitworth pipe thread DIN EN ISO 288	Tapered whitworth pipe thread DIN EN 10226	American threads			Round thread DIN 405
Designation Item number	Holder angle in °	Chaser dimension in mm								NPT NPS	NC UNC	NF UNF	
<b>Z64/23D</b> 72927000	1,41	25 × 12 × 90 (S08)	44,8–57,8		M48–60 × 2 M50–60 × 3			G1½" G1¾" G2"	R1½"				
<b>Z64/24D</b> 72469300	1,15	25 × 12 × 75 (S07)	62,7–74,1					G2¼" G2½"					
<b>Z64/25D</b> 71650400	1,08	25 × 12 × 75 (S07)	79,6–89,6					G3"					
<b>Z64/71D</b> 70593200	3,08	22 × 10 × 68 (S06)	4,5–18,5	M9. 11. (16) 18. (20)	M8 × 1 M10 × 1,25 M12–13 × 1,5	11/16" 3/4" 13/16"	3/8"-20 7/16"-18 1/2"-16				3/4-10	3/8-24 7/16-20 1/2-20 9/16-18	Rd22–26 × 1/8"
<b>Z64/72D</b> 70593300	2,60	22 × 10 × 68 (S06)	4,5–18,5		M7–8 × 0,75 M9–11 × 1 M11–14 × 1,25 M13–16 × 1,5 M18–20 × 2		9/16"-16 5/8"-14 11/16"-14 3/4"-12 13/16"-12	G1/8" G1/4"	R1/8" R1/4"			3/8-24 7/16-20 1/2-20 9/16-18	Rd25–30 × 1/8"
<b>Z64/73D</b> 70594200	2,20	22 × 10 × 68 (S06)	8–22		M9–10 × 0,75 M11–14 × 1 M13–17 × 1,25 M16–20 × 1,5 M20–24 × 2			G1/8" G1/4" G3/8" G1/2" G5/8"	R1/8" R1/4" R3/8" R1/2"	1/8-27 1/4-18 3/8-18 1/2-14		5/8-18 3/4-16 7/8-14	
<b>Z64/75D</b> 70594900	1,75	22 × 10 × 68 (S06)	16,2–30,2		M18–20 × 1 M18–24 × 1,25 M20–30 × 1,5 M27–32 × 2			G3/4" G7/8"	R3/4" R7/8"	1/2-14 3/4-14		1-14 1 1/8-12 1 1/4-12	
<b>Z64/77D</b> 70595300	1,33	22 × 10 × 68 (S06)	26,6–40,6		M 29–41 × 1,25 M30–42 × 1,5 M38–42 × 2					1 1/4-11 1/2			
<b>Z64/78D</b> 70595600	1,08	22 × 10 × 68 (S06)	37,7–51,5		M40–52 × 1,5 M48–54 × 2					1 1/2-11 1/2			
<b>Z64/80D</b> 70595900	0,92	22 × 10 × 68 (S06)	47,2–60,2		M50–52 × 1,25 M50–62 × 1,5 M60–62 × 2					2-11 1/2			

Fortsetzung Tabelle nächste Seite  
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**Haltertabelle für Gewinde-Schneidsysteme Z64 (Fortsetzung)**  
**Holder table for Thread Cutting Systems Z64 (Continuation)**

Strehlerhalter			Schneidbereich Kern-Ø in mm	Trapezgewinde DIN 103	Holzgewinde DIN 570	Holzgewinde Werknorm 24262
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm				
Chaser holder			Cutting range minor diameter in mm	Trapezoidal thread DIN 103	Wood thread DIN 570	Wood thread Work standard 24262
Designation Item number	Holder angle in °	Chaser dimension in mm				
<b>Z64/180D</b> 70593500	7.20	25 × 12 × 90 (S08)	4.5–18.5	Tr10 × 3 Tr14 × 4		H8 × 3.2 9–10 × 3.5 11–13 × 4 14–16 × 4.5
<b>Z64/181D</b> 70593700	5.83	25 × 12 × 90 (S08)	4.5–18.5	Tr12 × 3 Tr16 × 4		
<b>Z64/182D</b> 70594800	4.83	40 × 16 × 90 (S12)	12.6–26.6	Tr22–24 × 5 Tr30 × 6		
<b>Z64/183D</b> 70595100	4.00	40 × 16 × 90 (S12)	16.2–30.2	Tr26–28 × 5 Tr32–36 × 6		
<b>Z64/188D</b> 70593900	4.75	25 × 12 × 90 (S08)	4.5–18.5	Tr14 × 3 Tr18–20 × 4		
<b>Z64/92D</b> 7059400	8.25	25 × 12 × 90 (S08)	4.5–18.5		H8 × 3.5 10 × 4.5 12 × 5	H8 × 3.2 9–10 × 3.5 11–13 × 4 14–16 × 4.5
<b>Z64/93D</b> 70594400	7.00	40 × 16 × 90 (S12)	8–22		H16 × 6 H20 × 7	H17–19 × 5 H20–22 × 6 23–25 × 7

**Haltertabelle für Gewinde-Schneidsysteme Z64-2 (Trapezgewinde)**  
**Holder table for Thread Cutting Systems Z64-2 (Trapezoidal threads)**

Strehlerhalter						
Gewinde	Benennung	Artikelnummer		Halterwinkel in °	Arbeitsbereich (Kern-Ø) in mm	Strehlerabmessungen in mm
		rechts	links			
Chaser holder						
Thread	Designation	Item number		Holder angle in °	Working range (Minor-Ø) in mm	Chaser dimension in mm
		right	left			
Tr12 × 2	Z64/1D	70593000		4.08	4.5–18.5	22 × 10 × 68 (S06)
Tr14 × 2–Tr16 × 2	Z64/2D	70593100	70587100	3.50	4.5–18.5	22 × 10 × 68 (S06)
Tr10 × 3	Z64/180D			7.20	4.5–18.5	25 × 12 × 90 (S08)
Tr12 × 3	Z64/181D	70593700		5.83	4.5–18.5	25 × 12 × 90 (S08)
Tr14 × 3–Tr16 × 3	Z64/188D	70593900		4.75	4.5–18.5	25 × 12 × 90 (S08)
Tr18 × 3–Tr20 × 3	Z64/3D	70594600	70588600	3.08	12.6–26.6	25 × 12 × 90 (S08)
Tr14 × 4	Z64/180D			7.20	4.5–18.5	25 × 12 × 90 (S08)
Tr16 × 4	Z64/181D	70593700		5.83	4.5–18.5	25 × 12 × 90 (S08)
Tr18 × 4–Tr20 × 4	Z64/188D	70593900		4.75	4.5–18.5	25 × 12 × 90 (S08)
Tr22 × 4–Tr26 × 4	Sonderhalter			3.80	12.6–26.6	25 × 12 × 90 (S08)
Tr28 × 4–Tr40 × 4	Z64/4D	70595200	70589200	2.75	21.8–36.2	25 × 12 × 90 (S08)
Tr42 × 4–Tr50 × 4	Sonderhalter			2.00	32.5–46.0	25 × 12 × 90 (S08)
Tr52 × 4–Tr62 × 4	Z64/23D	72927000	70589800	1.41	44.8–57.8	25 × 12 × 90 (S08)
Tr63 × 4–Tr69 × 4	Sonderhalter			1.30	54.8–66.8	25 × 12 × 75 (S07)
Tr18 × 5/Tr20 × 5	Sonderhalter			6.00	12.6–26.6	40 × 16 × 90 (S12)
Tr22 × 4/Tr24 × 5	Z64/182D	70594800	70588800	4.83	12.6–26.6	40 × 16 × 90 (S12)
Tr26 × 5–Tr32 × 5	Z64/183D	70595100		4.00	16.2–30.2	40 × 16 × 90 (S12)
Tr34 × 5–Tr38 × 5	Sonderhalter			3.00		40 × 16 × 90 (S12)
Tr40 × 5–Tr50 × 5	Z64/5D	70595500	70589500	2.75	32.5–46.0	40 × 16 × 90 (S12)
Tr52 × 5–Tr62 × 5	Sonderhalter			2.00	44.8–57.8	40 × 16 × 90 (S12)
Tr64 × 5–Tr69 × 5	Sonderhalter			1.70	54.8–66.6	40 × 16 × 90 (S12)
Tr30 × 6	Z64/182D	70594800	70588800	4.83	12.6–26.6	40 × 16 × 90 (S12)
Tr32 × 6–Tr36 × 6	Z64/183D	70595100		4.00	16.2–30.2	40 × 16 × 90 (S12)
Tr38 × 6	Sonderhalter			3.50		40 × 16 × 90 (S12)
Tr40 × 6–Tr52 × 6	Z64/5D	70595500	70589500	2.75	32.5–46.0	40 × 16 × 90 (S12)
Tr54 × 6–Tr64 × 6	Z64/6D	70595700	70589700	2.50	44.8–57.8	40 × 16 × 90 (S12)
Tr65 × 6–Tr69 × 6	Sonderhalter	73348200		2.30	54.8–66.6	40 × 16 × 75 (S11)



### Haltertabelle für Gewinde-Schneidsysteme Z76-2 Holder table for Thread Cutting Systems Z76-2

Strehlerhalter			Schneidbereich Kern-Ø in mm	Whitworth- Rohrgewinde DIN EN ISO 228	Konische Whitworth- Rohrgewinde DIN EN ISO 10226
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm			
Chaser holder			Cutting range minor diameter in mm	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226
Designation Item number	Holder angle in °	Chaser dimension in mm			
<b>Z76/33D</b> 71870400	1,67	40 × 16 × 90 (S12)	29,9–49,7	G1–1½"	R1–1½"
<b>Z76/34D</b> 71870800	1,25	40 × 16 × 90 (S12)	56,2–73,6	G2–2½"	R2–2½"
<b>Z76/35D</b> 71871200	1,08	40 × 16 × 90 (S12)	85,7–102	G3½"	–
<b>Z76/35D</b> 71871200	1,08	45 × 17 × 100 (S14)	83,7–100	G3–3½"	R3–3½"
<b>Z76/36D</b> 71871400	1,0	40 × 16 × 90 (S12)	99–113,2	G4"	–
<b>Z76/36D</b> 71871400	1,0	45 × 17 × 90 (S14-90)	97–111,2	G4"	R4"

### Haltertabelle für Gewinde-Schneidsysteme WEK-S8 Holder table for Thread Cutting Systems WEK-S8

Strehlerhalter			Schneidbereich Kern-Ø in mm	Whitworth- Rohrgewinde DIN EN ISO 228	Konische Whitworth- Rohrgewinde DIN EN ISO 10226	Amerikanische Rohrgewinde NPT
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm				
Chaser holder			Cutting range minor diameter in mm	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American thread NPT
Designation Item number	Holder angle in °	Chaser dimension in mm				
<b>WE21B K1/16</b> 74546700	2,20	25 × 12 × 100 (S10)	8–28	G1/4", G3/8" G1/2", G5/8" G3/4", G7/8"	R1/4", R3/8" R1/2", R5/8" R3/4", R7/8"	1/2-14 3/4-14
<b>WE22B K1/16</b> 74546800	1,75	25 × 12 × 100 (S10)	26–45	G1", G1½" G1¼", G1¾" G1½"	R1", R1½" R1¼", R1¾" R1½"	1-11½ 1¼-11½ 1½-11½
<b>WE23B K1/16</b> 74547000	1,41	25 × 12 × 90 (S08)	45–65	G1½", G1¾" G2", G2¼"	R1½", R1¾" R2", R2¼"	2-11½
<b>WE24B K1/16</b> 74085400	1,17	25 × 12 × 90 (S08)	65–86	G2¾", G2½" G2¾", G3"	R2¾", R2½" R2¾", R3"	2½-8 3-8



**Haltertabelle für Gewinde-Schneidsysteme WHK-S3**  
Holder table for Thread Cutting Systems WHK-S3

Strehlerhalter			Schneidbereich Kern-Ø in mm	Whitworth- Rohrgewinde DIN EN ISO 228	Konische Whitworth- Rohrgewinde DIN EN ISO 10226	Amerikanische Rohrgewinde NPT
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm				
Chaser holder			Cutting range minor diameter in mm	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American thread NPT
Designation Item number	Holder angle in °	Chaser dimension in mm				
<b>WH21B</b> 74080000	1,50	25 × 12 × 100 (S10)	10–30	G3/8" G1/2" G5/8" G3/4", G7/8"	R3/8" R1/2" R5/8" R3/4", R7/8"	1/2-14 3/4-14
<b>WH22B</b> 74080100	1,08	25 × 12 × 100 (S10)	28–48	G1", G1½" G1¼", G1¾" G1½"	R1", R1½" R1¼", R1¾" R1½"	1-11½ 1¼-11½ 1½-11½
<b>WH23B</b> 74080200	0,92	25 × 12 × 100 (S10)	47–67	G1⅝", G1¾" G2", G2¼"	R1⅝", R1¾" R2", R2¼"	2-11½
<b>WH24B</b> 74080300	0,75	25 × 12 × 100 (S10)	66–87	G2⅜", G2½" G2¾", G3"	R2⅜", R2½" R2¾", R3"	2½-8 3-8
<b>WH25B</b> 74080400	0,67	25 × 12 × 100 (S10)	90–110	G3¼", G3½" G3¾", G4"	R3¼", R3½" R3¾", R4"	3½-8 4-8

**Haltertabelle für Gewinde-Schneidsysteme WKK-S2 + WKK-S4**  
Holder table for Thread Cutting Systems WKK-S4 + WKK-S4

Strehlerhalter			Schneidbereich Kern-Ø in mm	Whitworth- Rohrgewinde DIN EN ISO 228	Konische Whitworth- Rohrgewinde DIN EN ISO 10226	Amerikanische Rohrgewinde NPT
Benennung Artikelnummer	Halterwinkel in °	Strehlerabmessung in mm				
Chaser holder			Cutting range minor diameter in mm	Whitworth pipe thread DIN EN ISO 228	Tapered whitworth pipe thread DIN EN 10226	American thread NPT
Designation Item number	Holder angle in °	Chaser dimension in mm				
<b>WK22B</b> 77167500	1,41	25 × 12 × 100 (S10)	25–47	G1–1½"	R1–1½"	1-11,5–1½-11,5
<b>WK23B</b> 77167600	1,17	25 × 12 × 100 (S10)	44–66	G1⅝–2¼"	R1⅝–2¼"	2-11,5
<b>WK24B</b> 77167700	0,83	25 × 12 × 100 (S10)	65–86	G2⅜–3"	R2⅜–3"	2½-8–3-8
<b>WK25B</b> 77167800	0,75	25 × 12 × 100 (S10)	88–111	G3¼–4"	R3¼–4"	3½-8–4-8
<b>WK26B</b> 77167900	0,67	25 × 12 × 100 (S10)	118–139	G4½–5"	R4½–5"	5-8
<b>WK27B</b> 77168000	0,33	25 × 12 × 100 (S10)	143–164	G5½–6"	R5½–6"	6-8