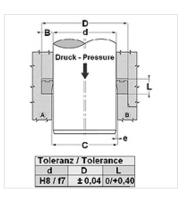


Caracteristici	
Tip constructiv	Inel canelat tijă
Presiune de lucru	până la 400 bari
Viteză de alunecare max.	0,5 m/s
Temperatură min.	-30 °C
Temperatură max.	80 °C
Medii	Uleiuri minerale
Montaj	în nuturi deschise B în nuturi închise în locașuri deschise de montare
Material	PUR
Utilizare	Instalație hidraulică

Spaltn	naß / C	learand	e		
		e (m			
Druck bar	TS-TSL		TSAI-TSLA		
	d<60mm	d>60mm	d<60mm	d>60mm	
50	<0.40	<0.50	<0,60	<0,80	
100	<0,30	<0,40	<0,60	<0,80	
200	<0,20	<0,30	<0,40	<0,60	
300	<0,15	<0,20	<0,30	<0,40	
400	<0,10	<0,15	<0,20	<0,30	
500			<0,10	<0,15	



Descriere

Rezistență mare la frecare

Etanșare foarte bună la joasă presiune.

Schimb rapid sarcină.

Indicații referitoare comandă

În scurt timp pot fi produse garnituri cu un diametru de 20 până la 510 mm.

Articol				
Denumire	d	D	L	
TS 06 14-L	(mm) 6,0	(mm) 14,0	(mm) 6,3	
TS 08 16-L	8,0	16,0	6,3	
TS 10 16-L	10,0	16,0	5,4	
TS 10 18-L	10,0	18,0	6,3	
TS 12 19-L	12,0	19,0	6,3	
TS 12 20-L	12,0	20,0	6.3	
TS 12 23-L	12,0	23,0	7,5	
TS 14 20-L	14,0	20,0	5,3	
TS 14 22-L	14,0	22,0	6,3	
TS 16 24-L	16,0	24,0	6,3	
TS 18 24-L	18,0	24,0	5,2	
TS 18 25-L	18,0	25,0	5,7	
TS 18 26-L	18,0	26,0	6,3	
TS 18 26-L1	18,0	26,0	9,0	
TS 18 28-L	18,0	28,0	6,3	
TS 18 28-L1	18,0	28,0	8,0	
TS 20 26-L	20,0	26,0	6,0	
TS 20 28-L	20,0	28,0	6,3	
TS 20 28-L1	20,0	28,0	8,0	
TS 20 30-L3	20,0	30,0	5,0	
TS 20 30-L	20,0	30,0	8,0	
TS 22 30-L1	22,0	30,0	6,3	
TS 22 32-L	22,0	32,0	8,0	
TS 22 32-L1	22,0	32,0	9,0	
TS 24 34-L	24,0	34,0	6,5	
TS 25 33-L	25,0	33,0	6,3	
TS 25 33-L2	25,0	33,0	7,5	
TS 25 33-L3	25,0	33,0	8,0	
TS 25 33-L1	25,0	33,0	9,0	
TS 25 35-L3	25,0	35,0	6,3	
TS 25 35-L1	25,0	35,0	8,0	
TS 25 35-L4	25,0	35,0	9,0	
TS 28 34-L	28,0	34,2	6,0	
TS 28 36-L1	28,0	28,0	6,3	
TS 28 36-L	28,0	36,0	9,0	
TS 28 38-L	28,0	38,0	6,3	
TS 28 38-L1	28,0	38,0	8,0	
TS 30 38-L1	30,0	38,0	6,3	





Articol			
Denumire	d (mm)	D (mm)	L (mm)
S 30 38-L2	30,0	38,0	8,0
ΓS 30 40-L	30,0	40,0	7,5
TS 30 40-L2	30,0	40,0	11,0
TS 32 40-L1	32,0	40,0	6,3
S 32 40-L	32,0	40,0	9,0
TS 32 42-L	32,0	42,0	8,0
ΓS 32 42-L2	32,0	42,0	11,0
TS 35 43-L2	35,0	43,0	6,3
TS 35 43-L	35,0	43,0	7,0
ΓS 35 43-L1	35,0	43,0	9,0
TS 35 45-L	35,0	45,0	8,0
ΓS 35 45-L1	35,0	45,0	11,0
TS 35 50-L	35,0	50,0	11,0
TS 36 44-L1	36,0	44,0	6,3
TS 36 46-L	36,0	46,0	8,0
ΓS 40 48-L1	40,0	48,0	6,3
ΓS 40 48-L2	40,0	48,0	7,0
S 40 48-L	40,0	48,0	9,0
S 40 50-L2	40,0	50,0	8,0
ΓS 40 55-L1	40,0	55,0	11,0
ΓS 40 60-L	40,0	60,0	11,0
ΓS 42 52-L	42,0	52,0	9,0
ΓS 45 53-L3	45,0	53,0	6,3
ΓS 45 53-L	45,0	53,0	9,0
TS 45 55-L2	45,0	55,0	6,3
TS 45 55-L	45,0	55,0	8,0
ΓS 45 55-L1 ΓS 45 57-L	45,0 45,0	55,0 57.0	11,0
S 45 57-L S 49 65-L	45,0	57,0 65.3	10,5
S 49 65-L S 50 58-L	49,5 50,0	65,3 58,0	9,0
S 50 60-L	50,0	60,0	8,0
S 50 60-L2	50,0	60,0	10,0
S 50 60-L2	50,0	60,0	11,0
S 50 60-L1	50,0	62,0	9,0
S 50 65-L	50,0	65,0	11,0
S 50 65-L1	50,0	65,0	12,5
S 55 63-L	55,0	63,0	9,0
TS 55 65-L	55,0	65,0	8,0
TS 55 65-L1	55,0	65,0	11,0
TS 55 65-L2	55,0	65,0	13,0
TS 56 66-L1	56,0	66,0	7,5
TS 56 71-L	56,0	71,0	12,5
TS 60 68-L	60,0	68,0	9,0
TS 60 70-L	60,0	70,0	8,0
TS 60 70-L1	60,0	70,0	11,0
TS 60 70-L2	60,0	70,0	12,5
ΓS 60 70-L3	60,0	70,0	13,0
ΓS 60 71-L	60,0	71,0	9,0
ΓS 60 72-L	60,0	72,0	10,0
ΓS 60 75-L1	60,0	75,0	11,0
TS 61 69-L1	61,0	69,7	9,0
S 63 73-L	63,0	73,0	11,0
S 63 75-L2	63,0	75,0	9,5
TS 63 75-L1	63,0	75,0	11,0
TS 65 73-L	65,0	73,0	9,0
ΓS 65 75-L	65,0	75,0	13,0
TS 70 78-L	70,0	78,0	9,0
TS 70 80-L	70,0	80,0	8,0
TS 70 80-L1	70,0	80,0	11,0
TS 70 80-L2	70,0	80,0	13,0
TS 70 82-L	70,0	82,0	10,0
ΓS 70 85-L	70,0	85,0	12,5
ΓS 75 83-L1	75,0	83,0	9,0





TS 80 90-L 80,0 90,0 13,0 TS 80 92-L 80,0 92,0 9,6 TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 93,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 104,0 TS 90 105-L 90,0 105,0 TS 95,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 105 113-L 105,0 TS 105 113-L 105,0 TS 108 116-L 108,0 TS 108 116-L 108,0 TS 108 116-L 108,0 TS 108 116-L 109,0 TS 110 125-L 110,0 TS 110 125,0 TS 120 128-L1 125,0 TS 130 145-L 130,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 136 140-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 150 150-L 154,0 160,7 9,0	Articol			
TS 75 85-L 75,0 85,0 13,0 TS 75 85-L1 75,0 85,0 13,0 TS 75 85-L1 76,0 86,0 9,0 TS 79 86-L1 78,0 86,0 9,0 TS 79 87-L 79,0 87,7 9,0 TS 80 88-L2 80,0 88,0 9,0 TS 80 88-L2 80,0 88,0 12,5 TS 80 88-L1 80,0 88,0 12,5 TS 80 89-L 80,0 90,0 13,0 TS 80 89-L 80,0 90,0 13,0 TS 80 99-L 80,0 95,0 12,5 TS 80 96-L 80,0 95,0 12,5 TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 93,0 90,0 TS 85 95-L 85,0 95,0 8,0 TS 85 95-L 85,0 95,0 8,0 TS 85 95-L 85,0 95,0 13,0 TS 85 85-L1 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 102-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 105 113-L 105,0 113,0 9,0 TS 105 113-L 105,0 113,0 9,0 TS 106 113-L 105,0 125,0 12,5 TS 116 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 116 124-L 116,0 124,7 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,0 9,0 TS 136 140-L 135,0 140,0 140	Denumire	d	D	L
TS 75 85-L1 75,0 85,0 13,0 TS 78 86-L1 78,0 86,0 9,0 TS 79 87-L 79,0 87,7 9,0 TS 80 88-L2 80,0 88,0 9,0 TS 80 88-L2 80,0 88,0 12,5 TS 80 90-L 80,0 90,0 13,0 TS 80 90-L 80,0 90,0 13,0 TS 80 92-L 80,0 92,0 9,6 TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 95,0 10,5 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 10,5 TS 85 96-L 80,0 95,0 10,5 TS 85 96-L 80,0 95,0 10,5 TS 85 95-L 85,0 95,0 10,0 TS 85 95-L 85,0 95,0 10,0 TS 85 95-L 85,0 95,0 10,0 TS 85 96-L 90,0 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 108,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 105 113-L 105,0 113,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 13,0 9,0 TS 125 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 136 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 151 140-150-L 140,0 150,0 12,5 TS 151 162-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0				
TS 78 86-L1 78,0 86,0 9,0 TS 79 87-L 79,0 87,7 9,0 TS 80 88-L2 80,0 88,0 9,0 TS 80 88-L1 80,0 88,0 12,5 TS 80 90-L 80,0 90,0 13,0 TS 80 90-L1 80,0 90,0 13,0 TS 80 99-L1 80,0 92,0 9,6 TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 80,0 95,0 12,5 TS 80 96-L 85,0 95,0 10,5 TS 85 93-L 85,0 95,0 8,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 105,0 12,5 TS 90 105-L 90,0 105,0 12,5 TS 91 105-L 90,0 106,7 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 13,0 9,0 TS 125 133-L1 125,0 13,0 9,0 TS 125 133-L1 125,0 123,0 9,0 TS 135 143-L 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 12,5 TS 131 145-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,0 9,0 TS 135 146-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0				
TS 79 87-L 79,0 87,7 9,0 TS 80 88-L2 80,0 88,0 9,0 TS 80 88-L1 80,0 88,0 12,5 TS 80 90-L 80,0 90,0 13,0 TS 80 90-L 80,0 90,0 13,0 TS 80 90-L 80,0 90,0 13,0 TS 80 92-L 80,0 92,0 9,6 TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 85,0 93,0 9,0 TS 85 93-L 85,0 93,0 9,0 TS 85 95-L 85,0 95,0 8,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 98 106-L 90,0 105,0 12,5 TS 98 106-L 90,0 105,0 12,5 TS 98 106-L 95,0 103,0 9,0 TS 100 108-L 100,0 108,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 105 113-L 105,0 113,0 9,0 TS 106 116-L 108,0 116,0 9,0 TS 107 115-L 100,0 125,0 12,0 TS 110 125-L 110,0 125,0 12,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 133,0 7,5 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 150 140 150-L 140,0 150,0 12,5 TS 150 150-L 135,0 150,0 12,5 TS 150 150-L 154,0 162,7 9,0			·	
TS 80 88-L2 80,0 88,0 9,0 TS 80 88-L1 80,0 88,0 12,5 TS 80 90-L 80,0 90,0 8,0 TS 80 90-L 80,0 90,0 13,0 TS 80 90-L1 80,0 92,0 9,6 TS 80 92-L 80,0 95,0 12,5 TS 80 96-L 80,0 95,0 10,5 TS 85 93-L 85,0 93,0 9,0 TS 85 95-L 85,0 95,0 8,0 TS 85 95-L 85,0 95,0 8,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 116 124-L 116,0 124,7 9,0 TS 135 143-L 135,0 143,0 9,0 TS 135 144-L 135,0 143,0 9,0 TS 135 145-L 135,0 143,7 9,0 TS 135 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0				<u> </u>
TS 80 88-L1 80,0 88,0 12,5 TS 80 90-L 80,0 90,0 8,0 TS 80 90-L1 80,0 90,0 13,0 TS 80 92-L 80,0 92,0 9,6 TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 93,0 9,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,5 TS 110 125-L 110,0 125,0 12,0 TS 110 125-L 116,0 124,7 9,0 TS 110 128-L1 120,0 128,0 12,5 TS 120 128-L1 125,0 133,0 7,5 TS 130 145-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 140-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 150 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 150 150-L 154,0 162,7 9,0	TS 79 87-L	79,0	87,7	9,0
TS 80 90-L 80,0 90,0 13,0 TS 80 92-L 80,0 92,0 9,6 TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 93,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 104,0 TS 90 105-L 90,0 105,0 TS 95,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 105 113-L 105,0 TS 105 113-L 105,0 TS 108 116-L 108,0 TS 108 116-L 108,0 TS 108 116-L 108,0 TS 108 116-L 109,0 TS 110 125-L 110,0 TS 110 125,0 TS 120 128-L1 125,0 TS 130 145-L 130,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 136 140-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 150 150-L 154,0 160,7 9,0	TS 80 88-L2	80,0	88,0	9,0
TS 80 90-L1 80,0 90,0 13,0 TS 80 92-L 80,0 92,0 9,6 TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 93,0 9,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 12,5 TS 101 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 13,0 9,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 140 150-L 135,0 12,5 TS 135 140-L 135,0 150,0 12,5 TS 135 140 150-L 135,0 150,0 12,5 TS 135 140-L 135,0 150,0 12,5 TS 135 140-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 150 150-L 135,0 150,0 12,5 TS 150 150-L 135,0 150,0 12,5 TS 150 150-L 140,0 150,0 12,5 TS 150 150-L 140,0 150,0 12,5 TS 150 150-L 154,0 160,7	TS 80 88-L1	80,0	88,0	12,5
TS 80 92-L 80,0 92,0 9,6 TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 93,0 9,0 TS 85 95-L 85,0 95,0 13,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 100 108-L 100,0 106,7 9,0 TS 100 115-L 100,0 115,0 12,5 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 133,0 7,5 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 140-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 150 150-L 135,0 150,0 12,5 TS 150 150-L 135,0 150,0 12,5 TS 150 150-L 140,0 150,0 12,5 TS 150 150-L 154,0 162,7 9,0	TS 80 90-L	80,0	90,0	8,0
TS 80 95-L 80,0 95,0 12,5 TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 93,0 9,0 TS 85 95-L 85,0 95,0 8,0 TS 85 95-L 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 111 125-L 110,0 125,0 12,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 130 145-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,0 9,0 TS 135 140 150-L 135,0 125,0 12,5 TS 151 150-L 135,0 150,0 12,5 TS 151 150-L 135,0 150,0 12,5 TS 151 150-L 135,0 150,0 12,5 TS 151 150-L 154,0 150,0 12,5 TS 151 150-L 154,0 150,0 12,5 TS 151 150-L 154,0 150,0 12,5	TS 80 90-L1	80,0	90,0	13,0
TS 80 96-L 80,0 96,0 10,5 TS 85 93-L 85,0 93,0 9,0 TS 85 95-L 85,0 95,0 8,0 TS 85 95-L1 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 108,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 1115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 151 150-L 154,0 162,7 9,0	TS 80 92-L	80,0	92,0	9,6
TS 85 93-L 85,0 93,0 9,0 TS 85 95-L 85,0 95,0 8,0 TS 85 95-L1 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 151 150-L 135,0 150,0 12,5 TS 151 150-L 140,0 150,0 12,5 TS 155 154 162-L 154,0 162,7 9,0	TS 80 95-L	80,0	95,0	12,5
TS 85 95-L 85,0 95,0 8,0 TS 85 95-L1 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 145-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 80 96-L	80,0	96,0	10,5
TS 85 95-L1 85,0 95,0 13,0 TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 111 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 151 150-L 140,0 150,0 12,5 TS 151 160-L 154,0 160,7 9,0	TS 85 93-L	85,0	93,0	9,0
TS 88 101-L 88,9 101,6 10,5 TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 125 133-L1 125,0 13,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 151 154 162-L 154,0 162,7 9,0	TS 85 95-L	85,0	95,0	8,0
TS 90 102-L 90,0 102,0 10,0 TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 115,0 13,0 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,7 9,0 TS 135 143-L 135,0 150,0 12,5 TS 135 140 150-L 140,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 151 154 162-L 154,0 162,7 9,0	TS 85 95-L1	85,0	95,0	13,0
TS 90 105-L 90,0 105,0 12,5 TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 108,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 1115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 88 101-L	88,9	101,6	10,5
TS 95 103-L 95,0 103,0 9,0 TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 108,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 136 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 90 102-L	90,0	102,0	10,0
TS 98 106-L 98,0 106,7 9,0 TS 100 108-L 100,0 108,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 150,0 12,5 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 90 105-L	90,0	105,0	12,5
TS 100 108-L 100,0 108,0 12,5 TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L 135,0 143,7 9,0 TS 135 143-L 135,0 150,0 12,5 TS 136 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 95 103-L	95,0	103,0	9,0
TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 98 106-L	98,0	106,7	9,0
TS 100 115-L 100,0 115,0 13,0 TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 100 108-L	100,0	108,0	12,5
TS 105 113-L 105,0 113,0 9,0 TS 108 116-L 108,0 116,0 9,0 TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 100 115-L		115,0	13,0
TS 110 125-L 110,0 125,0 12,0 TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0				
TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 108 116-L	108,0	116,0	9,0
TS 115 123-L 115,0 123,0 9,0 TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 110 125-L	110,0	125,0	12,0
TS 116 124-L 116,0 124,7 9,0 TS 120 128-L1 120,0 128,0 12,5 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0		· · · · · · · · · · · · · · · · · · ·	<u>.</u>	9,0
TS 120 128-L1 120,0 128,0 12,5 TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0			<u>.</u>	· · · · · · · · · · · · · · · · · · ·
TS 125 133-L1 125,0 133,0 7,5 TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 120 128-L1	120,0	128,0	12,5
TS 130 145-L 130,0 145,0 16,0 TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 125 133-L1			
TS 135 143-L1 135,0 143,0 9,0 TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 130 145-L			
TS 135 143-L 135,0 143,7 9,0 TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 135 143-L1			
TS 135 150-L 135,0 150,0 12,5 TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 135 143-L		<u>_</u>	
TS 140 150-L 140,0 150,0 12,5 TS 154 162-L 154,0 162,7 9,0	TS 135 150-L			<u> </u>
TS 154 162-L 154,0 162,7 9,0			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
<u> </u>				
	TS 170 180-L	170,0	180,0	11,0