



AGI AGI/S

ANELLI di guida
guide **RINGS**

TECNOTEX

Versione standard		Standard version	
AGI	POM	AGI	POM
AGI/S	POM	AGI/S	POM
Carico Radiale STATICO fino a / <i>STATIC Radial Load up to</i>			
40 N/mm ²			
Carico Radiale DINAMICO fino a / <i>DYNAMIC Radial Load up to</i>			
20 N/mm ²			
Velocità fino a / <i>Speed up to</i>			
1,0 m/s			
Temperatura / <i>Temperature</i>			
-40°C +110°C			
Applicazioni		Applications	
Cilindri Idraulici		Standard cylinders	
Cilindri Telescopici		Telescopic cylinders	
Cilindri per agricoltura		Agricultural cylinders	
Carrelli Elevatori		Forklift	

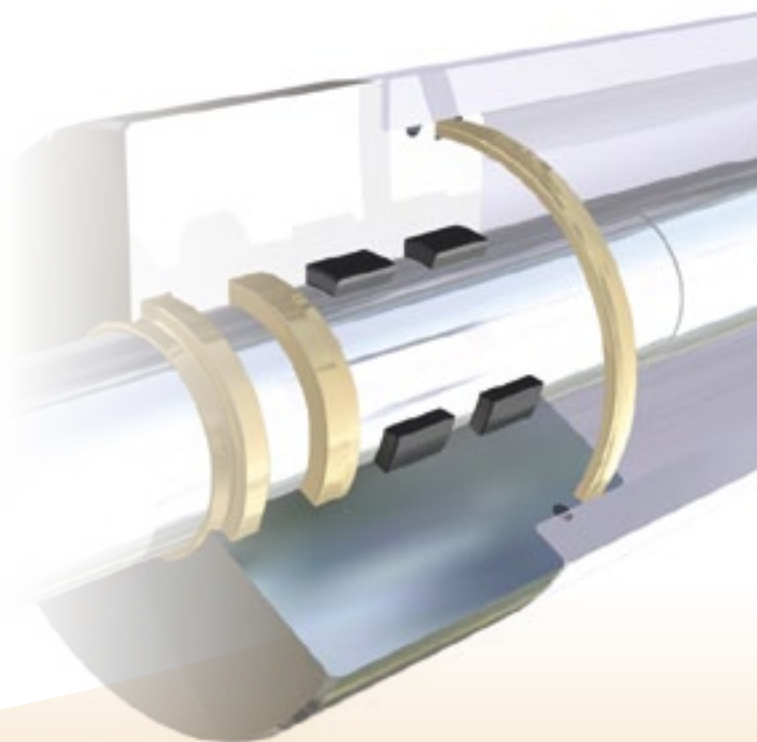
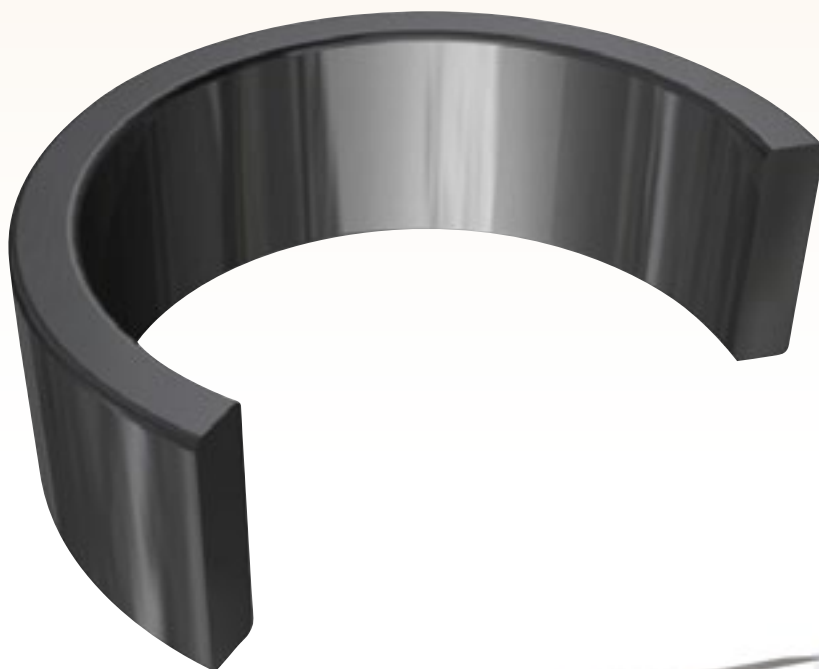


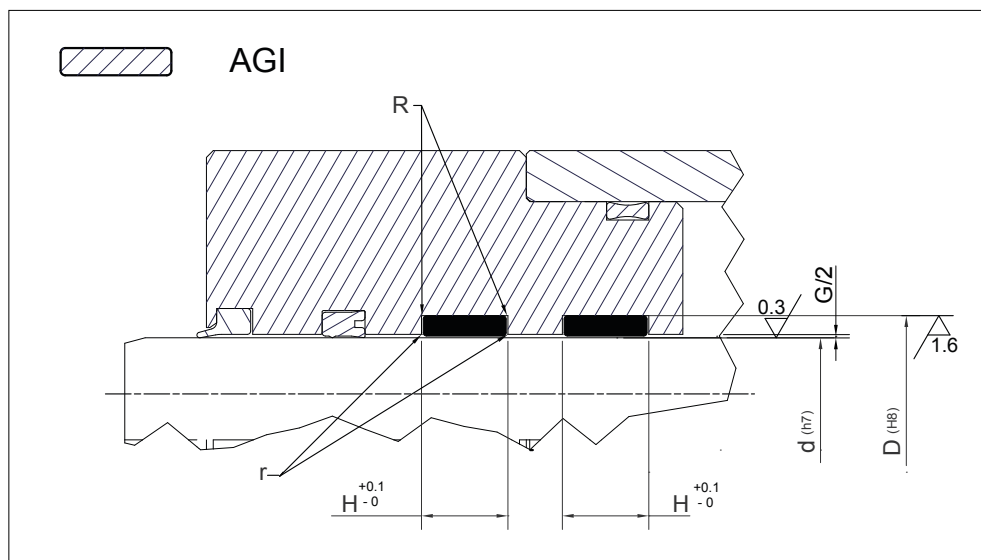
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ANELLI di guida
guide **RINGS**

AGI • AGI/S

220÷225




Wear Ring design guidelines

R	$R \leq 0.3 \text{ mm}$		
r	$r \leq 0.2 \text{ mm}$		
G	D ≤ 25mm	D ≥ 25mm to D100mm	>100mm
	0.60mm	0.80mm	1.30mm

Roughness- Ra

Sliding Surface	$Ra < 0.3 \mu\text{m}$
Groove Base	$Ra < 1.6 \mu\text{m}$
Groove Flanks	$Ra < 1.6 \mu\text{m}$

PART NR	DIMENSIONI SEDI / Housing dimensions		
	d	D	H
AGI 12/2	12,00	16,00	9,70
AGI 14/2	14,00	18,00	9,70
AGI 16/2	16,00	20,00	9,70
AGI 18/2	18,00	22,00	9,70
AGI 20/2	20,00	24,00	9,70
AGI 22/2	22,00	26,00	9,70
AGI 25/2	25,00	29,00	9,70
AGI 26/2	26,00	30,00	9,70
AGI 28/2	28,00	32,00	9,70
AGI 30/2	30,00	34,00	9,70
AGI 32/2	32,00	36,00	9,70
AGI 35/2	35,00	39,00	9,70
AGI 36/2	36,00	40,00	9,70
AGI 38/2	38,00	42,00	9,70
AGI 40/2	40,00	44,00	9,70
AGI 45	45,00	51,00	9,70
AGI 46	46,00	52,00	9,70
AGI 48	48,00	54,00	9,70
AGI 50	50,00	56,00	9,70
AGI 53	53,00	59,00	9,70
AGI 55	55,00	61,00	9,70
AGI 60	60,00	66,00	12,80
AGI 63	63,00	69,00	12,80
AGI 65	65,00	71,00	12,80
AGI 70	70,00	76,00	12,80
AGI 75	75,00	81,00	12,80
AGI 80	80,00	86,00	12,80

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AGI AGI/S



PART NR	DIMENSIONI SEDI / Housing dimensions		
	d	D	H
AGI 15/S5	15,00	19,00	8,50
AGI 16/S	16,00	19,00	5,60
AGI 16/S1	16,00	20,00	5,60
AGI 22/S	22,00	28,00	9,70
AGI 25/S1	25,00	30,00	5,60
AGI 25/S	25,00	31,00	9,70
AGI 27/S5	27,00	30,00	6,00
AGI 27/S1	27,00	32,00	5,60
AGI 27/S	27,00	32,00	9,70
AGI 28/S	28,00	33,00	9,70
AGI 28/S1	28,00	33,00	5,60
AGI 30/S5	30,00	34,00	8,50
AGI 30/S	30,00	34,00	9,70
AGI 30/S1	30,00	35,00	5,60
AGI 30/S2	30,00	35,00	9,70
AGI 32/S5	32,00	35,00	6,00
AGI 32/S	32,00	38,00	9,70
AGI 34/S	34,00	40,00	9,70
AGI 35/S5	35,00	39,00	8,50
AGI 35/S	35,00	40,00	5,60
AGI 35/S3	35,00	40,00	9,70
AGI 35/S1	35,00	41,00	9,70
AGI 36/S1	36,00	41,00	5,60
AGI 36/S3	36,00	41,00	9,70
AGI 36/S	36,00	42,00	9,70
AGI 36/S2	36,00	42,00	12,70
AGI 39/S	39,00	45,00	9,70
AGI 40/S5	40,00	44,00	8,50
AGI 40/S	40,00	45,00	9,70
AGI 40/S1	40,00	45,00	5,60
AGI 40/S2	40,00	46,00	9,70
AGI 41/S1	41,00	45,00	9,70
AGI 41/S	41,00	46,00	5,60
AGI 43/S	43,00	48,00	5,30
AGI 45/S5	45,00	49,00	8,50
AGI 45/S1	45,00	50,00	5,60
AGI 45/S	45,00	50,00	9,70
AGI 45/S2	45,00	51,00	12,70
AGI 46/S	46,00	50,00	9,70
AGI 49/S	49,00	55,00	9,70
AGI 50/S	50,00	55,00	9,70
AGI 50/S1	50,00	55,00	20,00
AGI 50/S2	50,00	56,00	12,70
AGI 52/S	52,00	57,00	5,30
AGI 55/S5	55,00	59,00	8,50
AGI 55/S1	55,00	60,00	5,60
AGI 55/S	55,00	60,00	9,70
AGI 56/S1	56,00	61,00	9,70
AGI 56/S	56,00	62,00	12,70
AGI 57/S4	57,00	63,00	13,00
AGI 58/S1	58,00	63,00	5,60
AGI 58/S	58,00	63,00	9,70

PART NR	DIMENSIONI SEDI / Housing dimensions		
	d	D	H
AGI 59/S	59,00	63,00	8,00
AGI 60/S1	60,00	65,00	5,60
AGI 60/S	60,00	65,00	9,70
AGI 60/S3	60,00	65,00	20,00
AGI 63/S1	63,00	65,00	9,70
AGI 63/S	63,00	68,00	9,70
AGI 65/S1	65,00	70,00	5,60
AGI 65/S	65,00	70,00	9,70
AGI 70/S1	70,00	75,00	5,60
AGI 70/S	70,00	75,00	9,70
AGI 70/S2	70,00	76,00	19,20
AGI 74/S4	74,00	80,00	13,00
AGI 75/S1	75,00	80,00	5,60
AGI 75/S	75,00	80,00	9,70
AGI 75/S3	75,00	81,00	19,20
AGI 80/S	80,00	85,00	9,70
AGI 80/S2	80,00	85,00	5,60
AGI 80/S3	80,00	86,00	19,20
AGI 80/S1	80,00	86,00	25,00
AGI 85/S1	85,00	90,00	5,60
AGI 85/S	85,00	90,00	9,70
AGI 85/S3	85,00	91,00	19,20
AGI 90/S	90,00	95,00	9,70
AGI 90/S1	90,00	96,00	19,20
AGI 90/S4	94,00	100,00	13,00
AGI 95/S1	95,00	100,00	5,60
AGI 95/S	95,00	100,00	9,70
AGI 95/S2	95,00	101,00	19,20
AGI 100/S2	100,00	105,00	5,60
AGI 100/S	100,00	105,00	9,70
AGI 100/S1	100,00	106,00	19,20
AGI 105/S	105,00	110,00	9,70
AGI 105/S1	105,00	110,00	25,00
AGI 105,5/S	105,50	110,00	8,00
AGI 109/S3	109,00	115,00	19,20
AGI 115/S	115,00	120,00	9,70
AGI 119/S3	119,00	125,00	19,20
AGI 120/S	120,00	125,00	9,70
AGI 120/S1	120,00	125,00	14,80
AGI 120,5/S	120,50	127,00	10,00
AGI 129/S	129,00	135,00	19,20
AGI 133,5/S	133,50	139,70	10,00
AGI 139/S3	139,00	145,00	19,20
AGI 140/S	140,00	145,00	9,70
AGI 155/S3	155,00	160,00	20,00
AGI 165/S	165,00	170,00	9,70
AGI 155/S	175,00	180,00	15,00

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AGE

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Versione standard	Standard version
POM	POM
Carico Radiale STATICO fino a / STATIC Radial Load up to	
40 N/mm ²	
Carico Radiale DINAMICO fino a / DYNAMIC Radial Load up to	
20 N/mm ²	
Velocità fino a / Speed up to	
0.8 m/s	
Temperatura / Temperature	
-40°C +110°C	
Applicazioni	Applications
Cilindri Idraulici Cilindri Telescopici Cilindri per agricoltura Carrelli Elevatori	Standard cylinders Telescopic cylinders Agricultural cylinders Forklift

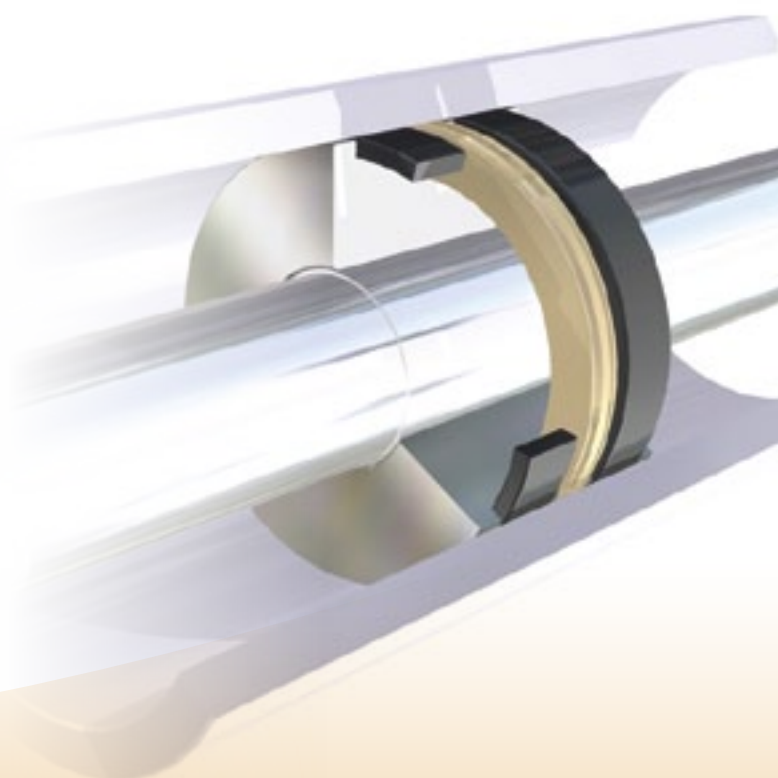
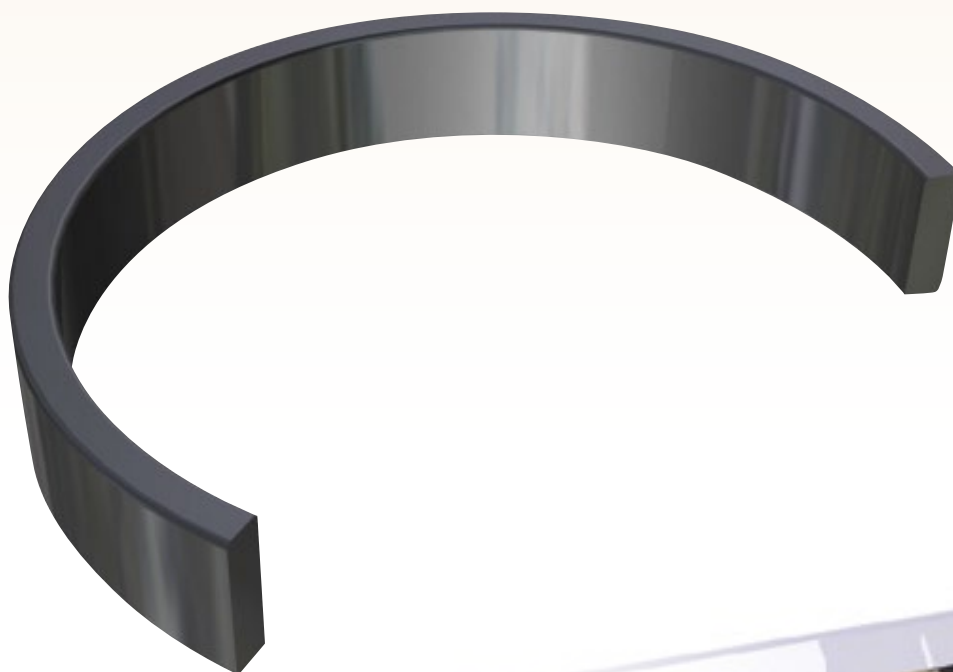


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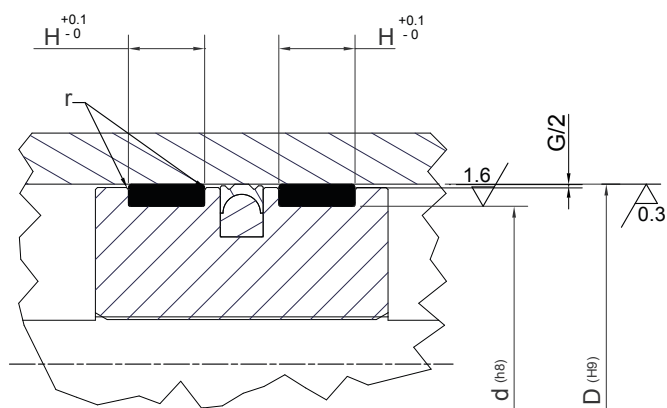
AGE

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AGE


Wear Ring design guidelines

r	$r \leq 0.2 \text{ mm}$		
G	D ≤ 25mm	D ≥ 25mm to D100mm	>100mm
	0.60mm	0.80mm	1.30mm

Roughness- Ra

Sliding Surface	$Ra < 0.3 \text{ } \mu\text{m}$
Groove Base	$Ra < 1.6 \text{ } \mu\text{m}$
Groove Flanks	$Ra < 1.6 \text{ } \mu\text{m}$



PART NR	DIMENSIONI SEDI / Housing dimensions		
	D	d	H
AGE 16/2	16,00	12,00	9,70
AGE 20/2	20,00	16,00	9,70
AGE 25/2	25,00	21,00	9,70
AGE 30/2	30,00	26,00	9,70
AGE 32/2	32,00	28,00	9,70
AGE 35/2	35,00	31,00	9,70
AGE 40/2	40,00	36,00	9,70
AGE 45/2	45,00	41,00	9,70
AGE 50	50,00	44,00	9,70
AGE 55	55,00	49,00	12,80
AGE 60	60,00	54,00	12,80
AGE 63	63,00	57,00	12,80
AGE 65	65,00	59,00	12,80
AGE 70	70,00	64,00	12,80
AGE 74	74,00	68,00	12,80
AGE 75	75,00	69,00	12,80
AGE 80	80,00	74,00	12,80
AGE 85	85,00	79,00	12,80
AGE 90	90,00	84,00	12,80
AGE 93	93,00	87,00	12,80
AGE 95	95,00	89,00	12,80
AGE 100	100,00	94,00	12,80
AGE 105	105,00	99,00	12,80
AGE 110	110,00	104,00	12,80
AGE 112	112,00	106,00	12,70
AGE 115	115,00	109,00	12,80
AGE 120	120,00	114,00	12,80

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