

**Woodruff Keys / Shaft Keys / External Retaining Rings**

Inch and Metric

**Clavettes-disques / Clavettes d'arbre / Bagues de retenue externes**

Pouce et Métrique

A

**PLASTIKIT**  
«PLASTIKIT» **804-070**

**METRIC** **DIN 6888**

**WOODRUFF KEYS**  
Carbon Steel, Not Plated

**11 SIZES**  
**100 PIECES**

Size: 1" x 2-3/4" x 4-1/2"



Spaenaur No.	Width	Compatible Shaft Diameter	Height	Length	Qty.	Pages
132-006	3mm	8mm - 10mm	3.7mm	9.66mm	10	E109
132-007			5.0mm	12.65mm		
132-008			6.5mm	15.72mm		
132-009	4mm	10mm - 12mm	5.0mm	12.65mm		
132-010			6.5mm	15.72mm		
132-011			7.5mm	18.57mm		
132-012	5mm	12mm - 17mm	6.5mm	15.72mm		
132-014			9.0mm	21.63mm		
132-015	6mm	17mm - 22mm	7.5mm	18.57mm		
132-016			9.0mm	21.63mm		
132-017			10.0mm	24.49mm		

**ASSORTMENT**  
**ASSORTIMENT** **805-471**

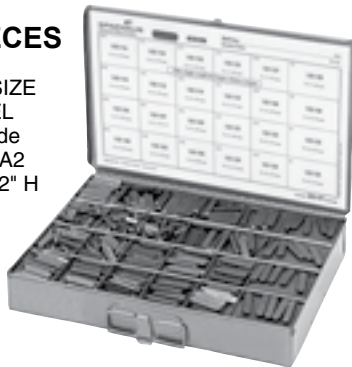
**DIN 6885-A**  
**METRIC**

**SHAFT KEYS**  
STEEL - Not Plated

**24 SIZES - 345 PIECES**

Put up in a REGULAR SIZE grey enamelled STEEL drawer. Drawer fits Slide Racks shown on page A2 13-3/8" W. x 9-1/4" D. x 2" H

Shipping Weight:  
**5.67 kg** (12.5 lbs.)



Compatible Shaft Diameter	Width	Height	Spaenaur No.	Length	Qty.	Page
10-12mm	4mm	4mm	132-A06-1X	20mm	20	E111
			132-102	30mm		
			132-104	40mm		
12-17mm	5mm	5mm	132-105	20mm		
			132-107	30mm		
			132-109	40mm		
17-22mm	4mm	4mm	132-110	20mm		
			132-112	30mm		
	6mm	6mm	132-114	30mm		
			132-116	40mm		
			132-118	50mm		
22-30mm	5mm	5mm	132-119	25mm		
			132-A08-1P	40mm		
	7mm	7mm	132-123	30mm		
			132-125	40mm		
30-38mm	6mm	6mm	132-127	50mm		
			132-128	60mm		
			132-129	50mm		
	8mm	8mm	132-024	30mm		
			132-132	40mm		
38-44mm	12mm	8mm	132-134	50mm		
			132-135	60mm		
			132-138	40mm		
			132-140	50mm		

**ASSORTMENT**  
**ASSORTIMENT** **805-404**

**R** ROTOR CLIP



**R1000 and R1200 Series**

**RETAINING RINGS**  
Carbon Spring Steel,  
Phosphate Coated or Plain  
**20 SIZES - 795 PIECES**

**External Radial Assembly**

Put up in "regular size" grey enamelled STEEL drawer. All bins have "scooped" bottoms. Drawer fits into Slide Racks shown on page A2 Shipping Weight **2.3 kg** (5.25 lbs.).

Finish	Ring Thickness	Spaenaur No.	Compatible Shaft Diameter	Qty.	Page	
Phosphate	0.015"	R1000-X11	7/64"	40	E121	
		R1000-12	1/8"	50		
		R1000-X18	3/16"	40	E124	
	R1000-18	50				
	R1200-18	60		E121 E125		
	0.025"	0.250"	R1000-X21	7/32"	30	E121
			R1000-25	0.250"	50	E124
		R1200-25	0.312"		50	E121 E125
		R1200-31		E121 E124		
		R1000-X31			40	
		R1200-37	0.375"	40	E121 E125	
	0.035"	7/16"	R1000-37	3/8"	25	E121 E124
			R1000-43	7/16"	30	E121 E125
		R1200-43	30			
	0.042"	0.500"	R1000-50	0.500"	25	E121 E124
R1200-56			0.562"	30	E121 E125	
R1000-62		5/8"	20	E121 E124		
Plain	0.050"	R1000-75	0.750"	15	E124	
	0.015"	R1200-12	0.125"	60	E121 E125	
		R1000-15	5/32"	40	E121 E124	

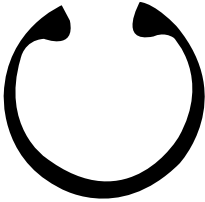
Inch  
Pouce



**Internal / External Retaining Rings**

Bagues de retenue internes / externes

**ASSORTMENT**  
**ASSORTIMENT** **805-406**



**R3000 Series**  
**Internal - Axial Assembly**  
**RETAINING RINGS**  
Carbon Spring Steel,  
Phosphate Coated or Plain

**16 VARIETIES - 336 PIECES**

Put up in "regular size" grey enamelled STEEL drawer 13-3/8" x 9-1/4" x 2". All bins have "scooped" bottoms. Drawer fits into Slide Racks shown on page A2

Shipping Weight **2.25 kg** (4.95 lbs.).

Ring Thickness	Spaenaur No.	Compatible Housing/Bore Diameter	Groove Diameter	Qty.	Page	
0.015"	R3000-X25	0.250"	0.268"	50	E121 E127	
	R3000-X31	0.312"	0.330"			
0.025"	R3000-X37	0.375"	0.397"	30		
	R3000-X43	0.438"	0.461"			
0.035"	R3000-X50	0.500"	0.530"	40		
	R3000-X62	0.625"	0.665"	30		
	R3000-X75	0.750"	0.796"	20		
0.042"	R3000-X100	1.000"	1.066"	15		
	R3000-X102	1.023"	1.091"	10		
0.050"	R3000-X106	1.062"	1.130"	8		
	R3000-X125	1.250"	1.330"			
	R3000-X137	1.375"	1.461"			
	R3000-X150	1.500"	1.594"			
0.062"	R3000-X162	1.625"	1.725"	5		E127
	R3000-X175	1.750"	1.858"	4		E121 E127

**ASSORTMENT**  
**ASSORTIMENT** **805-430A**

**R3100 Series External - Axial Assembly**  
**RETAINING RINGS**

Carbon Spring Steel,  
Phosphate Coated or Plain, our option.

**26 VARIETIES - 225 PIECES**

Put up in "regular size" grey enamelled STEEL drawer 13-3/8" x 9-1/4" x 2". All bins have "scooped" bottoms. Drawer fits into Slide Racks shown on page A2

Shipping Wt. **2.50 kg** (5-1/2 lbs.)



**PLASTIKIT**  
«PLASTIKIT» **A-58**



**R1000 and R1200 Series**  
**External - Radial Assembly**  
**RETAINING RINGS**

Carbon Spring Steel,  
Phosphate Coated or Plain

**19 SIZES - 169 PIECES**

Name	Ring Thickness	Spaenaur No.	Compatible Shaft Diameter	Qty.	Page	
Retaining Ring R1200 Series External Bowed Carbon Spring Steel	0.015"	R1200-12	0.125"	10	E121 E125	
		R1200-18	0.188"			
	0.025"	R1200-25	0.250"			
		R1200-31	0.312"			
		R1200-37	0.375"			
0.035"	R1200-43	0.438"	5			
0.042"	R1200-56	0.562"				
Retaining Ring R1000 Series External	0.015"	R1000-X11	7/64"	10	E121 E124	
		R1000-12	1/8"			
	0.025"	R1000-15	5/32"			
		R1000-X18	3/16"			
		R1000-18				
		R1000-X21	7/32"			
		R1000-25	0.250"			
		R1000-X31	0.312"			
	0.035"	R1000-37	3/8"			8
		R1000-43	7/16"			7
	0.042"	R1000-50	0.500"			5
R1000-62		5/8"	4			

Spaenaur No.	Compatible Shaft Diameter	Groove Diameter	Qty.	Page
R3100-15ST	0.156"	0.146"	10	E129
R3100-18	0.188"	0.175"	25	E121 E129
R3100-25	0.250"	0.230"		
R3100-31	0.312"	0.290"	20	
255-D17-1T	0.375"	0.352"	14	
R3100-39	0.394"	0.369"	20	E129
R3100-43	0.438"	0.412"	10	
R3100-46	0.469"	0.443"	8	E121
R3100-50	0.500"	0.468"		
R3100-55	0.551"	0.519"	6	E129
R3100-59	0.594"	0.559"		
255-D03-1C	0.625"	0.588"	4	E121 E129
R3100-68	0.688"	0.646"		
R3100-75	0.750"	0.704"	3	E129
R3100-78	0.781"	0.733"		
R3100-81	0.812"	0.762"	4	E121 E129
R3100-84	0.844"	0.791"		
R3100-87	0.875"	0.821"	3	E129
R3100-100	1.000"	0.940"		
R3100-112	1.125"	1.059"	3	E121 E129
R3100-118	1.188"	1.118"		
R3100-125	1.250"	1.176"	2	E129
R3100-137	1.375"	1.291"		
R3100-150	1.500"	1.406"	2	E129
R3100-156	1.562"	1.468"		
R3100-175	1.750"	1.650"	2	

**A**

Internal / External / Self-Seating Retaining Rings

Anneaux de retenue internes / externes / auto-portants



Inch

Pouce



Internal & External RETAINING RINGS



804-075

PLASTIKIT «PLASTIKIT» 804-075

R1000 & R1200 Series External - Radial Assembly 90 Rings in 18 popular sizes. STAINLESS STEEL (PH 15-7 Mo)

Name	Ring Thickness	Spaenaur No.	Compatible Shaft Diameter	Groove Diameter	Qty.	Page		
Retaining Ring R1000 Series	0.015"	250-806	0.125"	0.095"	5	E124		
		250-807	0.156"	0.116"				
	0.025"	250-808	0.188"	0.147"		E124		
		250-809	0.218"	0.188"				
		250-801	0.250"	0.210"				
		250-802	0.312"	0.250"				
	External Stainless Steel	0.035"	250-800	0.375"		0.303"	5	E124
			250-803	0.437"		0.343"		
		0.042"	250-810	0.500"		0.396"		
			250-811	0.625"		0.485"		
Retaining Ring R1200 Series External Bowed Stainless	0.015"	252-800	0.094"	5	E125			
		252-801	0.125"					
	0.025"	252-802	0.188"			E125		
		252-803	0.250"					
		252-804	0.312"					
		252-805	0.375"					
	0.035"	252-806	0.438"			E125		
		0.042"	252-808				0.562"	

PLASTIKIT «PLASTIKIT» 804-076

R3000 Series Internal - Axial Assembly 43 Rings in 14 popular sizes. STAINLESS STEEL (PH 15-7 Mo)

Spaenaur No.	Ring Thickness	Compatible Housing/Bore Diameter	Groove Diameter	Qty.	Page	
254-801	0.015"	0.250"	0.268"	5	E127	
254-802		0.312"	0.330"			
254-803	0.025"	0.375"	0.397"			
254-804		0.438"	0.461"			
254-805	0.035"	0.500"	0.530"			
254-806		0.625"	0.665"			
254-807		0.750"	0.796"			
254-808		0.875"	0.931"			
254-809	0.042"	1.000"	1.066"			3
254-800		1.250"	1.330"			
254-811	0.050"	1.375"	1.461"	2		
254-812		1.500"	1.594"			
254-813	0.062"	1.625"	1.725"	1		
254-814		1.750"	1.858"			

PLASTIKIT «PLASTIKIT» 804-074

R3100 Series External - Axial Assembly 46 Rings in 23 popular sizes. STAINLESS STEEL (PH 15-7 Mo)

Spaenaur No.	Compatible Shaft Diameter	Groove Diameter	Qty.	Page
255-D11-1X	0.250"	0.230"	5	E129
255-801	0.312"	0.290"	3	
255-802	0.375"	0.352"		
255-803	0.394"	0.369"		
255-804	0.438"	0.412"	2	
255-805	0.469"	0.443"		
255-D21-1W	0.500"	0.468"	2	
255-806	0.551"	0.519"		
255-807	0.594"	0.559"		
255-808	0.625"	0.588"		
255-809	0.688"	0.646"		
255-810	0.750"	0.704"		
255-811	0.781"	0.733"		
255-812	0.812"	0.762"		
255-813	0.844"	0.791"		
255-814	0.875"	0.821"		1
255-816	1.000"	0.940"		
255-818	1.125"	1.059"		
255-819	1.188"	1.118"		
255-821	1.375"	1.291"		
255-822	1.500"	1.406"		
255-823	1.562"	1.468"		
255-824	1.750"	1.650"		

PLASTIKIT «PLASTIKIT» A-59

R3000 Series Internal - Axial Assembly 88 Rings in 16 popular sizes. Carbon Spring Steel, Phosphate Coated or Plain.

Spaenaur No.	Ring Thickness	Compatible Housing/Bore Diameter	Groove Diameter	Qty.	Page
R3000-X25	0.015"	0.250"	0.268"	10	E121
R3000-X31		0.312"	0.330"		
R3000-X37		0.375"	0.397"		
R3000-X43	0.438"	0.461"			
R3000-X50	0.025"	0.500"	0.530"		
R3000-X62		0.625"	0.665"		
R3000-X75		0.750"	0.796"		
254-A03-1X	0.035"	0.875"	0.931"	6	E127
R3000-X100		1.000"	1.066"		
R3000-X102		1.023"	1.091"		
R3000-X106	0.042"	1.062"	1.130"	4	E121
R3000-X125		1.250"	1.330"		
R3000-X137		1.375"	1.461"		
R3000-X150	0.050"	1.500"	1.594"	3	E127
R3000-X162		1.625"	1.725"		
R3000-X175		1.750"	1.858"		

PLASTIKIT «PLASTIKIT» A-60

R3100 Series External - Axial Assembly 100 Rings in 26 popular sizes. Carbon Spring Steel, Phosphate Coated or Plain.

Spaenaur No.	Compatible Shaft Diameter	Groove Diameter	Qty.	Page
R3100-15ST	0.156"	0.146"	5	E129
R3100-18	0.188"	0.175"	10	E121
R3100-25	0.250"	0.230"		
R3100-31	0.312"	0.290"	6	E129
255-D17-1T	0.375"	0.352"		
R3100-39	0.394"	0.369"		
R3100-43	0.438"	0.412"	5	E121
R3100-46	0.469"	0.443"		
R3100-50	0.500"	0.468"	4	E129
R3100-55	0.551"	0.519"		
R3100-59	0.594"	0.559"	3	E129
255-D03-1C	0.625"	0.588"		
R3100-68	0.688"	0.646"	2	E121
R3100-75	0.750"	0.704"		
R3100-78	0.781"	0.733"	1	E129
R3100-81	0.812"	0.762"		
R3100-84	0.844"	0.791"	2	E121
R3100-87	0.875"	0.821"		
R3100-100	1.000"	0.940"	1	E129
R3100-112	1.125"	1.059"		
R3100-118	1.188"	1.118"	1	E129
R3100-125	1.250"	1.176"		
R3100-137	1.375"	1.291"	1	E129
R3100-150	1.500"	1.406"		
R3100-156	1.562"	1.468"	1	E129
R3100-175	1.750"	1.650"		

PLASTIKIT «PLASTIKIT» 804-077

R6100 Series Self-Seating 245 Rings in 16 popular sizes. Carbon Spring Steel, Phosphate Coated or Plain.

Ring Thickness	Spaenaur No.	Compatible Shaft Diameter	Qty.	Page
0.010"	R6100-9	3/32"	25	E136
	R6100-12	1/8"		
	R6100-15	5/32"		
	R6100-18	3/16"	20	
	R6100-21	7/32"		
	R6100-25	1/4"	15	
	R6100-31	5/16"		
	R6100-37	3/8"	20	
	R6100-24	0.239"		
	0.015"	R6100-43	7/16"	
R6100-50		1/2"		
R6100-56		9/16"	10	
R6100-62		5/8"		
R6100-75		3/4"		
R6100-87		7/8"	5	
R6100-100		1"		

Metric

Métrique

Internal / External Retaining Rings

Bagues de retenue internes / externes

**ASSORTMENT**  
**ASSORTIMENT** **805-443**

**DIN 6799**

**METRIC**  
**RETAINING**  
**RINGS**  
External

**17 SIZES**  
**450 PIECES**

Regular size grey  
enamelled STEEL drawer  
13-5/16" x 9-1/4" x 2"  
Shipping Weight:  
**2.35 kg** (5-1/5 lbs.)



Spaenaur No.	Compatible Shaft Diameter	Groove Diameter	Qty.	Page
250-517	1.0mm - 1.4mm	0.8mm	40	E139
250-501	1.4mm - 2.0mm	1.2mm		
250-502	2.0mm - 2.5mm	1.5mm	35	
250-503	2.5mm - 3.0mm	1.9mm		
250-F07-1Y	3.0mm - 4.0mm	2.3mm	30	
250-F09-1W	4.0mm - 5.0mm	3.2mm		
250-F06-1P	5.0mm - 7.0mm	4.0mm	25	
250-F05-1A	6.0mm - 8.0mm	5.0mm		
250-508	7.0mm - 9.0mm	6.0mm		
250-509	8.0mm - 11.0mm	7.0mm	20	
250-510	9.0mm - 12.0mm	8.0mm		
250-511	10.0mm - 14.0mm	9.0mm		
250-512	11.0mm - 15.0mm	10.0mm		
250-F12-1T	13.0mm - 18.0mm	12.0mm		
250-514	16.0mm - 24.0mm	15.0mm		
250-515	20.0mm - 31.0mm	19.0mm		
250-516	25.0mm - 38.0mm	24.0mm		

**ASSORTMENT**  
**ASSORTIMENT** **805-441A**

**DIN 471**

**Metric EXTERNAL**  
**RETAINING RINGS**  
Carbon Spring Steel Plain Finish  
**28 SIZES - 300 PIECES**

Regular size grey enamelled STEEL drawer,  
13-5/16" x 9-1/4" x 2". Shipping Weight: **2.35 kg** (5-1/5 lbs.)



Spaenaur No.	Compatible Shaft Diameter	Groove Diameter	Qty.	Page
255-500	4mm	3.8mm	25	E131
255-501	5mm	4.8mm		
255-D04-1N	6mm	5.7mm	20	
255-503	7mm	6.7mm		
255-504	8mm	7.6mm	15	
255-505	9mm	8.6mm		
255-506	10mm	9.6mm	10	
255-507	11mm	10.5mm		
255-D01-2P	12mm	11.5mm		
255-D20-1K	14mm	13.4mm		
255-510	15mm	14.3mm		
255-511	16mm	15.2mm		
255-512	17mm	16.2mm		
255-513	18mm	17.0mm		
255-514	19mm	18.0mm		
255-D19-1W	20mm	19.0mm		5
255-516	22mm	21.0mm		
255-D09-1X	25mm	23.9mm		
255-518	28mm	26.6mm		
255-519	30mm	28.6mm		
255-520	32mm	30.3mm		
255-521	35mm	33.0mm		
255-522	38mm	36.0mm		
255-523	40mm	37.5mm		
255-524	42mm	39.5mm		
255-525	45mm	42.5mm		
255-526	48mm	45.5mm		
255-527	50mm	47.0mm		

**ASSORTMENT**  
**ASSORTIMENT** **805-442**

**DIN 472**

**Metric INTERNAL**  
**RETAINING RINGS**  
Carbon Spring Steel Plain Finish  
**28 SIZES - 300 PIECES**

Regular size grey enamelled STEEL drawer,  
13-5/16" x 9-1/4" x 2". Shipping Weight: **2.35 kg** (5-1/5 lbs.)



Ring Thickness (Max.)	Spaenaur No.	Compatible Housing/Bore Diameter	Groove Diameter	Qty.	Page
1.00mm	254-500	10mm	10.4mm	25	E133
	254-501	11mm	11.4mm		
	254-502	12mm	12.5mm	20	
	254-503	13mm	13.6mm		
	254-504	14mm	14.6mm	15	
	254-505	15mm	15.7mm		
	254-A13-1W	16mm	16.8mm	10	
	254-507	17mm	17.8mm		
	254-508	18mm	19.0mm		
	254-509	19mm	20.0mm		
254-510	20mm	21.0mm			
254-511	21mm	22.0mm			
254-512	22mm	23.0mm			
254-513	24mm	25.2mm			
254-514	25mm	26.2mm			
254-515	26mm	27.2mm	5		
254-A14-1M	28mm	29.4mm			
254-517	30mm	31.4mm			
254-518	32mm	33.7mm			
254-519	35mm	37.0mm			
254-520	37mm	39.0mm			
254-521	38mm	40.0mm			
254-522	40mm	42.5mm			
254-A11-1T	42mm	44.5mm			
254-524	45mm	47.5mm			
1.75mm	254-525	47mm	49.5mm	5	
	254-A15-1X	48mm	50.5mm		
	254-527	50mm	53.0mm		
2.00mm	254-527	50mm	53.0mm		