

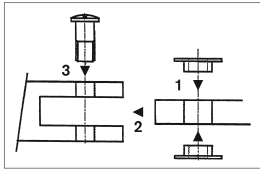
Nuts									
		Style	Material	Colour			Order No.		Matching nut driver
			German Silver	Silver	1.10	2.40	0866 00	100 pieces	1746 00
			German Silver	Gold	1.10	2.40	0866 10	100 pieces	1746 00
			German Silver	Gun	1.10	2.40	0866 20	100 pieces	1746 00
			German Silver	Silver	1.20	2.50	0822 01	100 pieces	1746 00
	 		German Silver	Silver	1.20	2.50	0822 01TL	100 pieces	1746 00
			Brass	Gold	1.20	2.50	0822 02	100 pieces	1746 00
	 		Brass	Gold	1.20	2.50	0822 02TL	100 pieces	1746 00
			German Silver	Gun	1.20	2.50	0822 03	100 pieces	1746 00
			German Silver	Silver	1.30	2.50	0823 01	100 pieces	1746 00
			German Silver	Gun	1.30	2.50	0823 03	100 pieces	1746 00
			German Silver	Silver	1.40	2.50	0824 01	100 pieces	1746 00
	 		German Silver	Silver	1.40	2.50	0824 01TL	100 pieces	1746 00
			Brass	Gold	1.40	2.50	0824 02	100 pieces	1746 00
	 		Brass	Gold	1.40	2.50	0824 02TL	100 pieces	1746 00
			German Silver	Gun	1.40	2.50	0824 03	100 pieces	1746 00
			German Silver	Silver	1.50	2.50	0830 01	100 pieces	1746 00
			German Silver	Silver	1.60	2.60	0833 01	100 pieces	1767 00

Dome Nuts									
		Style	Material	Colour			Order No.		Matching nut driver
			German Silver	Silver	1.20	2.20	0839 00	100 pieces	1749 00
			Brass	Gold	1.20	2.20	0839 10	100 pieces	1749 00
			German Silver	Gun	1.20	2.20	0839 20	100 pieces	1749 00
			Steel	Silver	1.20	2.40	0832 00	100 pieces	1767 00
			Steel	Gold	1.20	2.40	0832 10	100 pieces	1767 00
			Steel	Silver	1.20	2.40	0849 00	100 pieces	1767 00
			Steel	Gold	1.20	2.40	0849 10	100 pieces	1767 00
			German Silver	Silver	1.40	2.20	0840 00	100 pieces	1749 00
			Brass	Gold	1.40	2.20	0840 10	100 pieces	1749 00
			German Silver	Gun	1.40	2.20	0840 20	100 pieces	1749 00
			Steel	Silver	1.40	2.40	0838 00	100 pieces	1767 00
			Steel	Gold	1.40	2.40	0838 10	100 pieces	1767 00
			Steel	Silver	1.40	2.40	0850 00	100 pieces	1767 00
			Steel	Gold	1.40	2.40	0850 10	100 pieces	1767 00
			Steel	Silver	1.50	2.40	0829 00	100 pieces	1746 00
			Steel	Gold	1.50	2.40	0829 10	100 pieces	1746 00



Special Washers for Titanium Temples

		Schematic side view	Material	Colour			Order No.	
			Steel	Silver	1.20	2.80	0745 07	100 pieces
			Steel	Silver	1.40	2.80	0745 08	100 pieces



The washer prevents direct contact between the hinge and the temple rolls. Follow the 3 illustrated steps to assemble. First place the washers at the temple roll, then attach the temple to the hinge and then fasten the screw. The temples can then move freely and without friction.

Washers for Rimless Frames

		Material	Colour			Order No.	
		German Silver for screws with conical heads	Silver	1.20	2.80	0745 10	100 pieces
		Brass for screws with conical heads	Gold	1.20	2.80	0745 11	100 pieces
		German Silver	Silver	1.20	2.50	0745 20	100 pieces
		German Silver	Gold	1.20	2.50	0745 14	100 pieces
		German Silver	Gun	1.20	2.50	0745 30	100 pieces
		Plastic	Transparent	1.30	2.60	0745 00	150 pieces
		German Silver	Silver	1.30	2.50	0745 21	100 pieces
		German Silver	Gold	1.30	2.50	0745 15	100 pieces
		Plastic	Transparent	1.40	2.80	0745 02	150 pieces
		German Silver	Silver	1.40	2.50	0745 22	100 pieces
		German Silver	Gold	1.40	2.50	0745 16	100 pieces
		German Silver	Gun	1.40	2.80	0745 32	100 pieces
		German Silver for screws with conical heads	Silver	1.40	2.80	0745 09	100 pieces
		Brass for screws with conical heads	Gold	1.40	2.80	0745 12	100 pieces
		German Silver	Silver	1.50	2.50	0745 23	100 pieces
		German Silver	Gold	1.50	2.50	0745 17	100 pieces

Washers for Rimless Frames

		Material	Colour			Order No.	
		Plastic	Transparent	1.60	3.00	0745 13	150 pieces
		German Silver for reach nuts No. 0844 00	Silver	1.65	2.70	0745 24	100 pieces
		German Silver for reach nuts No. 0844 10	Gold	1.65	2.70	0745 18	100 pieces
		German Silver for reach nuts No. 0845 00	Silver	1.85	2.90	0745 25	100 pieces
		German Silver for reach nuts No. 0845 10	Gold	1.85	2.90	0745 19	100 pieces
		Plastic	Transparent	2.00	3.50	0745 33	150 pieces



You will find our washer assortment No. 0745 50 on page F 46.

Wedge-shaped Washers

		Schematic side view	Material	Colour			Order No.	
			Plastic	Transparent	1.20	2.80	0745 26	150 pieces
			Plastic	Transparent	1.40	2.80	0745 27	150 pieces

Reach Nuts

		Style	Material	Colour				Order No.		Matching nut driver
			German Silver	Silver	1.20	4.00	2.50	0844 00	100 pieces	1746 00
			Brass	Gold	1.20	4.00	2.50	0844 10	100 pieces	1746 00
			German Silver	Silver	1.40	4.00	2.50	0845 00	100 pieces	1746 00
			Brass	Gold	1.40	4.00	2.50	0845 10	100 pieces	1746 00

Caps for Rimless Frame Screws

		Material	Colour				Order No.	
		Plastic	Transparent	1.20	2.50	3.50	0771 22	100 pieces
		Plastic	Transparent	1.40	2.50	3.50	0771 23	100 pieces





Premium Sleeves from frey & winkler

- High quality basic materials
- Product certified according to ISO 9001
- High dimensional accuracy
- Produced using the latest technology
- Maximum durability
- Colour stability
- No flashes



Sleeves for Rimless Frames								
		Material	Colour	Material quality			Order No.	
		Plastic	Transparent	Medium soft	0.80	1.30	0771 27	50 pieces
		Plastic	Transparent	Medium soft	0.80	1.40	0771 04	50 pieces
		Plastic	Transparent	Soft	0.80	1.40	0771 05	50 pieces
		Plastic	Transparent	Medium hard	0.80	1.40	0771 06	50 pieces
		Plastic	Transparent	Soft open version	0.80	1.40	0771 10	50 pieces
		Plastic	Transparent	Medium hard open version	0.80	1.40	0771 11	50 pieces
		Plastic	Transparent	Medium soft open version	0.80	1.40	0771 12	50 pieces
		Plastic	Transparent	Medium soft	0.80	1.50	0771 28	50 pieces
		Plastic	Transparent	Soft	1.00	1.80	0771 07	50 pieces
		Plastic	Transparent	Medium hard	1.00	1.80	0771 08	50 pieces
		Plastic	Transparent	Medium soft	1.00	1.80	0771 09	50 pieces

Sleeves for Rimless Frames									
		Schematic side view	Material	Colour	Material quality			Order No.	
			Plastic	Transparent		1.20	2.80	0771 13	100 pieces
			Plastic	Transparent		1.40	2.80	0771 14	100 pieces
			Plastic	Transparent	Hard	1.00	1.80	0771 21	50 pieces
			Plastic	Transparent	Hard	0.80	1.50	0771 24	50 pieces
			Plastic	Transparent	Hard	0.80	1.40	0771 25	50 pieces
			Plastic	Transparent	Hard	0.80	1.50	0771 26	50 pieces
			Plastic	Transparent	Soft	0.80	1.60	0771 30	50 pieces
			Plastic	Transparent	Hard	1.00	1.80	0771 29	50 pieces

Sleeves Assortment

Contents: 7 different sleeves for rimless frames (350 pieces)

0771 50

 28 g



Hinges

Explanation on hinges:



Hinge width



Hole distance



Dimensions
(width x depth or
width x height x depth)



Inclination



Milling between
rolls and
thickness of rolls



Thread size



Total length



Packing unit:
piece or pair



Hinge length



Picture enlarged
(200 %)



Head diameter



Hinge roll radius



Picture actual size
(100 %)



Pin diameter

- All dimensions in mm
- Changes of sizes reserved

 All double rolled hinges will be delivered with matching screws.

Solder Hinges

Middle part		Temple part							Order No.	
left	right									
			2.5	0.75–0.75	5.0	1.8	0°	1.4	0400 01	10 pieces
			2.5	0.75–0.75	5.0	1.8	0°	1.4	0400 02	10 pieces
			2.5	1.0	5.0	1.8	0°	1.4	0400 10	10 pieces
			3.0	0.9–0.9	5.0	1.8	0°	1.4	0401 01	10 pieces
			3.0	0.9–0.9	5.0	1.8	0°	1.4	0401 02	10 pieces
			3.0	1.2	5.0	1.8	0°	1.4	0401 10	10 pieces
			3.0	0.9–0.9	5.0	1.6	0°	1.4	0402 01	10 pieces
			3.0	0.9–0.9	5.0	1.6	0°	1.4	0402 02	10 pieces
			3.5	1.0–1.0	3.95	1.6	0°	1.4	0403 01	10 pieces
			3.5	1.0–1.0	3.95	1.6	0°	1.4	0403 02	10 pieces
			3.5	1.05–1.05	5.0	1.8	0°	1.4	0404 01	10 pieces
			3.5	1.05–1.05	5.0	1.8	0°	1.4	0404 02	10 pieces
			3.5	1.4	5.0	1.8	0°	1.4	0404 10	10 pieces

Hinges

Spring Hinge Sets							
Middle part left right		Temple part					Order No. 
			3.0	0.8–0.8	0°	1.2	0441 10 5 pairs
			3.0	0.8–0.8	0°	1.2	
			3.0	1.3	0°	–	
			3.3	0.9–0.9	6°	1.2	0442 10 5 pairs
			3.3	0.9–0.9	6°	1.2	
			3.0	1.3	6°	–	

Inner Spring for Flex Hinge						
	Material	Colour			Order No.	
	German Silver	Silver	0.8	1.4	0443 00	5 pieces
	German Silver	Silver	1.0	1.4	0443 01	5 pieces
	German Silver	Silver	1.2	1.4	0443 02	5 pieces
	German Silver	Silver	1.4	1.4	0443 03	5 pieces

Hinges Assortment

Contents: Solder hinges 0401 .. (10 pieces each)
rivet hinges 0406 .. (10 pieces each)
rivets 0904 03 (100 pieces)
(160 pieces)

0400 50



Hinges

Rivet Hinges													
Middle part		Temple part							Order No.				
left	right	left	right										
				3.0	1.0	2.5	6°	1.4	0405 01	10 pieces			
					3.0	1.0	2.5	6°	1.4	0405 02	10 pieces		
						3.0	0.8–0.8	2.5	6°	1.4	0405 11	10 pieces	
							3.0	0.8–0.8	2.5	6°	1.4	0405 12	10 pieces
					3.0	1.2	2.5	0°	1.4	0406 00	10 pieces		
						3.0	0.9–0.9	2.5	0°	1.4	0406 11	10 pieces	
							3.0	0.9–0.9	2.5	0°	1.4	0406 12	10 pieces
				3.5	1.4	2.5	6°	1.4	0407 01	10 pieces			
					3.5	1.4	2.5	6°	1.4	0407 02	10 pieces		
						3.5	0.9–0.9	2.5	6°	1.4	0407 11	10 pieces	
							3.5	0.9–0.9	2.5	6°	1.4	0407 12	10 pieces
				6.0	0.8–0.8	2.5	6°	1.4	0408 01	10 pieces			
					6.0	0.8–0.8	2.5	6°	1.4	0408 02	10 pieces		
				6.0	0.8–0.8	2.5	6°	1.4	0408 03	10 pieces			
					6.0	0.8–0.8	2.5	6°	1.4	0408 04	10 pieces		
						6.0	1.1–0.7–1.1	2.5	6°	1.4	0408 11	10 pieces	
							6.0	1.1–0.7–1.1	2.5	6°	1.4	0408 12	10 pieces

Hinges

Hidden Hinges									
Middle part straight	Middle part left		Middle part right					Order No.	
				5.0	1.0	0°	1.4	0409 00	10 pieces
				5.0	1.2	0°	1.4	0412 00	10 pieces
				5.0	1.4	0°	1.4	0414 00	10 pieces
				4.4	1.3	0°	1.4	0416 00	10 pieces
				3.5	1.4	0°	1.4	0417 00	10 pieces
				3.5	1.6	0°	1.4	0418 00	10 pieces
				7.0	1.6	0°	1.4	0422 00	10 pieces
				2.8	0.8–0.8	0°	1.4	0423 01	10 pieces
				2.8	0.8–0.8	0°	1.4	0423 02	10 pieces
				3.3	0.9–0.9	0°	1.4	0424 01	10 pieces
				3.3	0.9–0.9	0°	1.4	0424 02	10 pieces
				4.5	1.0–1.0	0°	1.4	0425 01	10 pieces
				4.5	1.0–1.0	0°	1.4	0425 02	10 pieces

Rim Joints										
				Material	Colour	Application			Order No.	
				German Silver	Silver	Flat, for eyewire 1.80 to 2.50 mm. Has to be cut after soldering, with screws.	1.40	2.60 x 2.80 x 3.40	0898 01	10 pieces
				German Silver	Silver	Flat, for eyewire 1.80 to 2.30 mm. Has to be cut after soldering, with screws.	1.40	2.40 x 4.50	0898 02	10 pieces

Rivets								
		Material	Colour				Order No.	
		German Silver	Silver	25.00	1.70	0.70: 1.70	0906 00	200 pieces
		German Silver	Silver	10.00	1.80	1.20	0904 03	100 pieces

