



Tempered flat steel healds  
with J-, C- and O-shaped end loops

Non-tempered flat  
steel healds  
with O-shaped end loops

**GROZ-BECKERT®**

**Groz-Beckert KG**

Parkweg 2, 72458 Albstadt, Germany  
Phone +49 7431 10-0, Fax +49 7431 10-2777  
contact-weaving@groz-beckert.com  
www.groz-beckert.com



**Tempered flat steel healds**

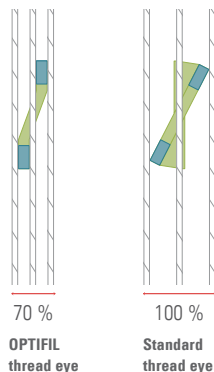
Functionally efficient healds are small in size but they are critical components when it comes to the performance and productivity of a weaving machine.

**Advantages of Groz-Beckert healds:**

- Suitable for all weaving machines
- High wear resistance due to lightweight and durable material that is suitable for extreme applications
- Minimal friction and damage to warp yarns - resulting in reduced contamination of weaving harness
- Gentle transitions during shed change with the OPTIFIL thread eye
- Ideal performance in combination with automatic drawing-in systems

**Advantages of the OPTIFIL thread eye**

- Densities up to 30% higher than the standard thread eye
- Gentle transitions during shed changes
- Increased machine efficiency
- Reduced warp end breakage
- Increases in machine speed



**Tempered flat steel healds**



with J-shaped end loops



with C-shaped end loops



with O-shaped end loops

**SOLOPUR healds**



**DUOMIX healds**

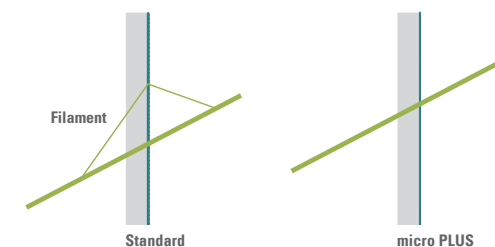


**Healds micro PLUS:**











The micro PLUS healds offer an ultra-fine surface finish which is always required for successful weaving of sensitive microfibres and finest filament yarns.

All micro PLUS healds are manufactured with the OPTIFIL thread eye.



Surface finish of weaving heald in thread eye area:



Tempered flat steel healds

Suitable for warp counts					Maximum density per heald frame <sup>1)</sup>									
					Standard - thread eye		OPTIFIL - thread eye							
					SOLOPUR SIMPLEX	DUOMIX DUPLEX DUOREV DUODIF	SOLOPUR	DUOMIX DUODIF DUOWIN DUOREV	Cross section	Thread eye	Designation	End loop		
Tex	Nm	Td	NeB	NeK	per cm		per cm		mm	mm				
30	34	300	20	30		20		28	5,5 x 0,25	5,5 x 1,2		GROB® EXTRA	J	
					12	18	15	23	5,5 x 0,30					
72	14	650	8	12	8		10		5,5 x 0,30	6,5 x 1,8		GROB® EXTRA		
					7		9		5,5 x 0,38					
						12		15	6 / 7,2 x 0,30					
250	4		2		6		8		5,5 x 0,30	6,5 x 2,5		GROB® EXTRA		
					6		8		5,5 x 0,38					
250	4		2	4	10				5,5 x 0,30	8,0 x 3,8		GROB® EXTRA		
					8				5,5 x 0,38					
30	34	300	20	30		20		28	5,5 x 0,25	5,5 x 1,2		GROB® EXTEX		C
					12	18	15	23	5,5 x 0,30			GROB® IMEXTEX		
						15		17						
72	14	650	8	12	8		10		5,5 x 0,30	6,5 x 1,8		GROB® EXTEX		
					7		9		5,5 x 0,38					
250	4		2		6		8		5,5 x 0,30	6,5 x 2,5		GROB® EXTEX		
					6		8		5,5 x 0,38					
250	4		2	4	10				5,5 x 0,30	8,0 x 3,8		GROB® AMEXTEX		
					8				5,5 x 0,38					
30	34	300	20	30		20		28	5,5 x 0,25	5,5 x 1,2		GROB® EXO	O	
						18		23	5,5 x 0,30			GROB® IMEXO		
						15		17						
72	14	650	8	12	8		10		5,5 x 0,30	6,5 x 1,8		GROB® EXO		

Non-tempered flat steel healds

125	8		5	7	8				3,5 x 0,40	7,0 x 2,0		GROB® O	O
30	34	300	20	30		20			2,2 x 0,30	5,5 x 1,2		GROB® EXO	
								24	2,6 x 0,25				
									2,8 x 0,30				

1) The density corresponds to the average standard applications. Deviations depend on the number of heald frames and warp yarn specifications.

Overview of the most common healds, further types are available upon request.