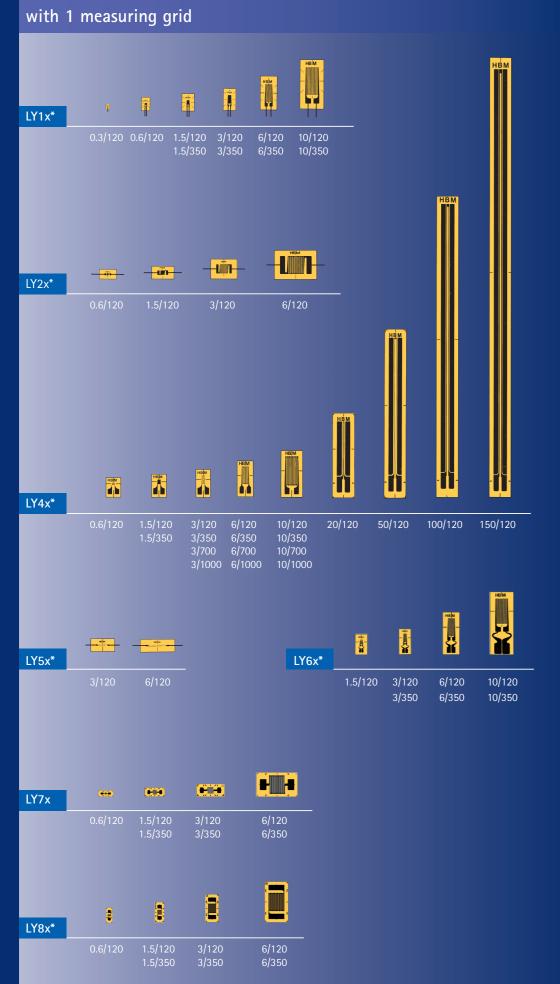
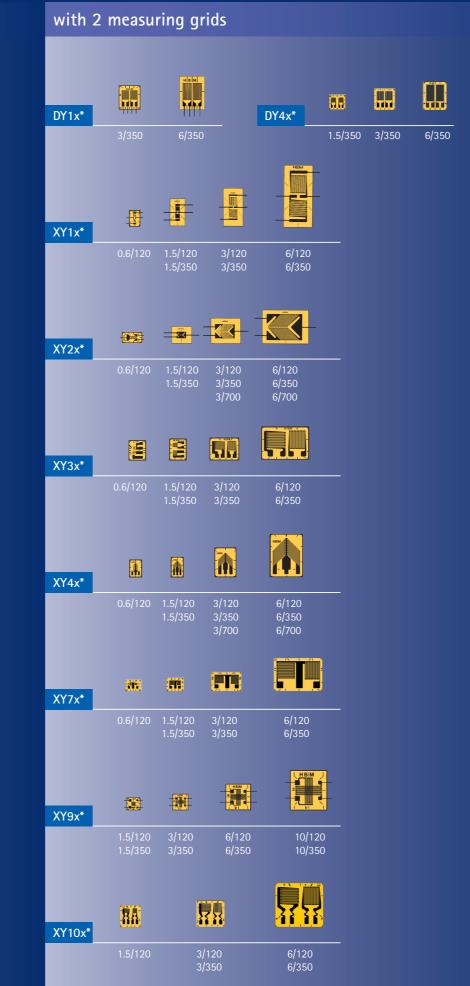
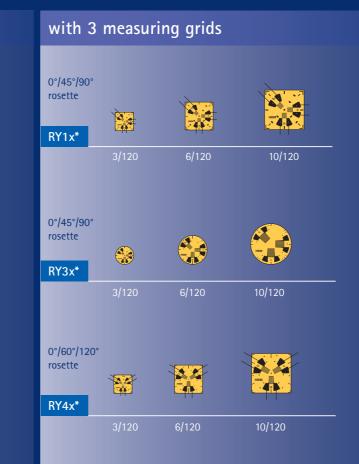




## Series Y strain gages

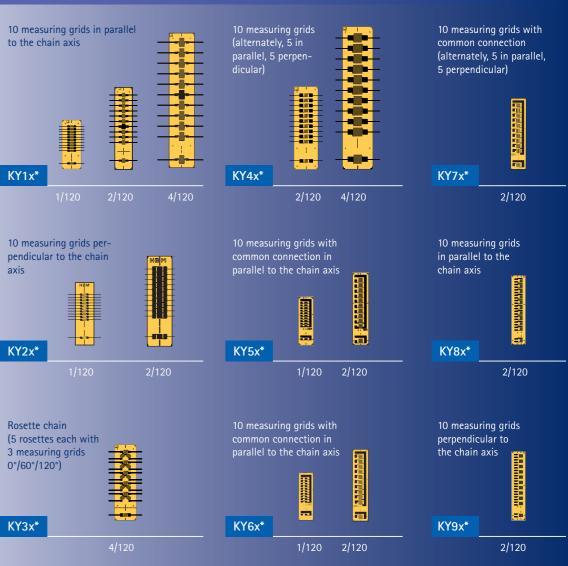








#### Strain gage chains



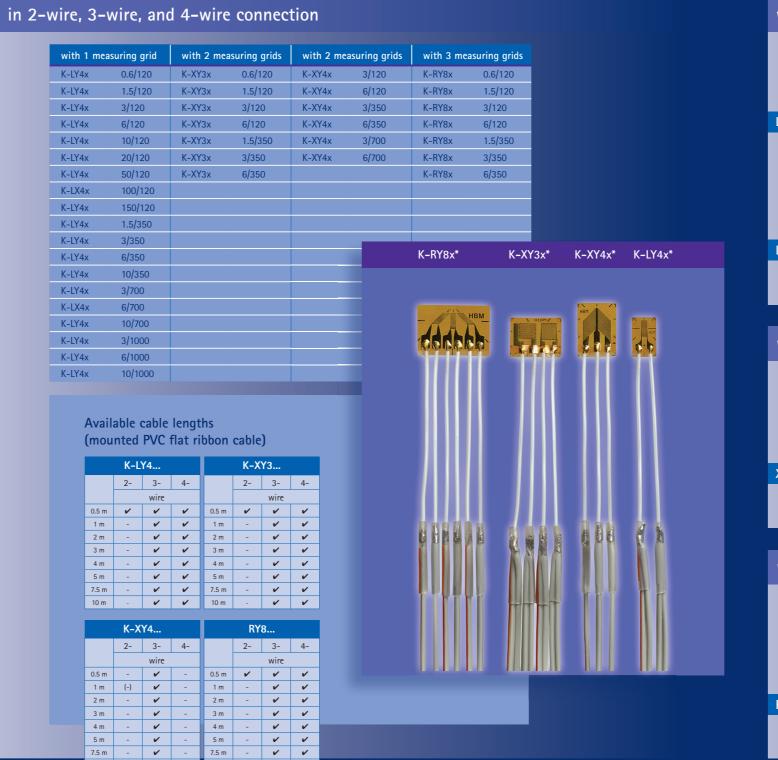


# Strain gages for residual stress analysis

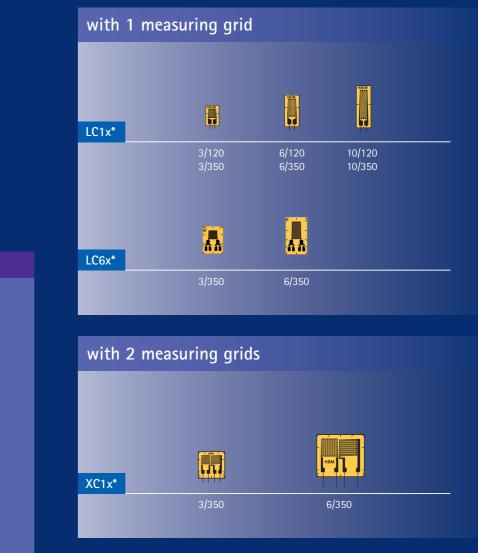
High-speed drilling				
Rectangular hole-drilling rosette 0°/45°/90°	<b>T</b>			
RY61K for steel	1.5/120			
Hole-drilling rosette 0°/45°/90° RY61R				
for steel	1.5/120			
Hole-drilling rosette 0°/45°/90° RY61S	*			
for steel	1.5/120			
Hole-drilling rosette 0°/45°/90° RY61–3,2/120S				
for steel	3.2/120			
Hole-drilling rosette,				

Rectangular hole-drilling rosette 0°/45°/90°	HEM
RY21 for steel	3/120
0°/45°/90° hole-drilling rosette for use with HBM drilling device 1-RY61	*
RY61	
for steel	1.5/120

## Strain gages with connecting cables



# C series strain gages



## S Ū ag bu

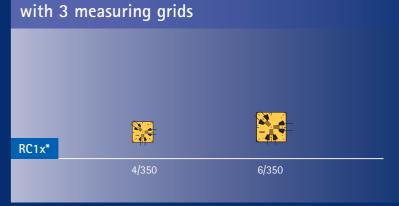




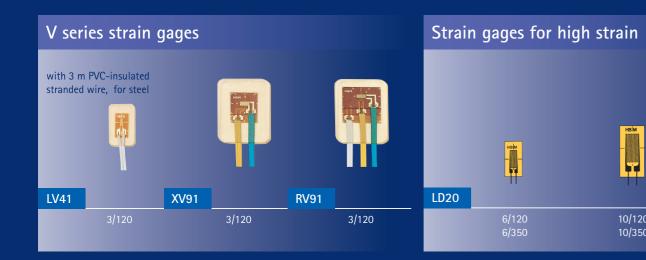
Ring-core rosette

0°/90°

3 n	n	-	<b>v</b>	~	3 m	-	<b>v</b>	<b>v</b>
4 n	n	-	<b>v</b>	~	4 m	-	<b>v</b>	<b>v</b>
5 n	n	-	<b>v</b>	~	5 m	-	<b>v</b>	<b>v</b>
7.5	m	-	~	~	7.5 m	-	~	~
10	m	-	~	~	10 m	-	~	~
	K-XY4			RY	8			
		2-	3-	4-		2-	3-	4-
		wire				wire		
0.5	m	-	~	-	0.5 m	~	~	~
1 n	n	(-)	<b>v</b>	-	1 m	-	<b>v</b>	<b>v</b>
2 n	n	-	<b>v</b>	-	2 m	-	<b>v</b>	<b>v</b>
3 n	n	-	<b>v</b>	-	3 m	-	<b>v</b>	<b>v</b>
4 n	n	-	<b>v</b>	-	4 m	-	<b>v</b>	~
5 n	n	-	<b>v</b>	-	5 m	-	<b>v</b>	<b>v</b>
7.5	m	-	<b>v</b>	-	7.5 m	-	<b>v</b>	<b>v</b>
10	m	-	<b>v</b>	(-)	10 m	-	<b>v</b>	<b>v</b>



#### V series strain gages Special strain gages



Weldable strain gage			
with 0.5 m stranded wire, dimensions of carrier sheet: 10 x 40 mm		wi str	
LS31		LE	
for steel 6/350			

ncapsulated strain gages						
th 1 m anded	teflon-insulated wire					
11						
	for steel	3/350Z (2-wire connection) 3/350V (4-wire connection)				

\* Instead of the x, please fill in the code for the desired temperature adaptation. Please refer to the notes in our strain gage catalog or in the strain gage price list.

1 for ferritic steel with  $\alpha$  = 10.8  $\cdot$  10<sup>-6</sup> /K 3 for aluminum with  $\alpha = 23 \cdot 10^{-6}$  /K 5 for austenitic steel with  $\alpha = 16 \cdot 10^{-6}$  /K 6 for quartz with  $\alpha = 0.5 \cdot 10^{-6}$  /K 7 for titanium/gray cast iron with  $\alpha = 9 \cdot 10^{-6}$  /K 8 for plastic with  $\alpha = 65 \cdot 10^{-6}$  /K 9 for molybdenum with  $\alpha$  = 5.4  $\cdot$  10  $^{-6}$  /K

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