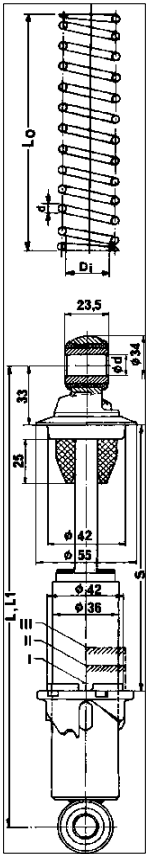
Springs For 7614, 7610 and 76 Series Shocks

Part Number	Lo	Di	d	C in N /mm	C in lb/in	Lbl	Code Nr.	Colour Code (no longer used)	Comment
LINEAR RATE SPRINGS									
220-11	220	39	6	12	62	84	84	white-white	
225-20	228	41	7	20	112	91	132	red-white	
PROGRESSIVE RATE SPRINGS									
190-9/13	190	42		9-13			612		Not barrelled OD
190-15/21	190	42	6.8	15-21	84-118	68	229	yellow-blue	
190-28/56	190	42	8.3	28-56	156-313	105	605	-	
205-15/22/28	205	42	7	15-28	84-157	81	214	blue-blue-yellow	
205-17/24/31	205	42	7.3	17-31	95-174	84	231	green-green-yellow	
235-9/13/18	235	42		9-18			613		Not barrelled OD
235-11/16/22	235	42	6.8	11-22	62-123	87	249	white-yellow-blue	
235-15/21/26	235	42	7.3	15-26	84-146	91	230	red-blue	
235-18/25/33	235	42	7.5	18-33	100-185	94	204	blue-blue-red	
235-18/25/33R(ed)	235	42	7.5	18-33	100-185	94	544	-	
235-22/30/39	235	42	8	22-39	123-218	108	217	blue-blue-green	
235-26/34/43	235	42		26-43	143-237		607	-	
235-32/41/52 †	235	42	9	32-52	180-292	120	515	-	
235-41/47/62 †	235	42	9.5	41-62	229-345		606	-	
250-15/21/28	250	42	7.5	15-28	84-157	110	215	white-white-red	
250-19/29/42	250	42	8	19-42	106-235	116	222	white-blue	
250-19/29/42R	250	42	8	19-42	106-235	116	614		
255-18/25/33	255	42	7.8	18-34	100-185	110	213	blue-blue-white	
255-18/25/33R(ed)	255	42	7.8	18-34	100-185	110	610	-	
PROGRESSIVE RATE CHROMED SPRINGS									
190-15/21CH	190	42		15-21	84-118		603	-	
190-28/56CH †	190	42	8.3	28-56	156-313	105	524	-	
205-15/22/28CH	205	42	7	15-28	95-174	84	604	-	
205-17/24/31CH	205	42	7.3	17-31	95-174	84	466	-	
235-15/21/26CH	235	42		15-26	84-146		600	-	
235-18/25/33CH	235	42	7.5	18-33	100-185	94	439	-	
235-22/30/39CH	235	42	8	22-39	123-218	108	514	-	
235-26/34/43CH †	235	42		26-43	143-237		608		
235-32/41/52CH †	235	42	9	32-52	180-292	120	489	-	
235-41/47/62CH †	235	42		41-62	229-345		611		
250-19/29/42CH	250	42		19-42	106-235		601	-	
255-18/25/33CH	255	42		18-34	100-185		602	-	
OFF ROAD PROGRESSIVE RATE SPRINGS (green powder coated)									
280-13/25	280	42	8.2	13-25			904		
280-15/28	280	42	8.2	15-28			905		
280-18/29	280	42	8.2	18-29			903		
280-20/33	280	42	8.2	20-33			902		
280-22/38	280	42	8.2	22-38			901		



† = use ONLY with heavy duty spring seat (part nr. 70 29 01 242 0 or 70 29 01 241 0)type.
N.B. all IKON spring seats are of the heavy duty

Key

Lbl	Solid height of the spring
S	Maximum length between spring seats on a given shock
Lo	Free length of the spring
C	Spring rate in N/mm (=kg/cm) and lbs/inch
Di	Inside diameter
d	wire diameter

To determine the correct IKON spring, first take the "S" measurement of the applicable shock absorber (see drawing). Add 10 to 30 mm to this length for the correct spring length (Lo).
The solid height of the spring (Lbl) should always be smaller than the smallest length between the spring seats when the shock absorber is in full bump position and with the lower spring seat on maximum adjustment.
So, as a guide: Lbl < S - damper stroke - 35.