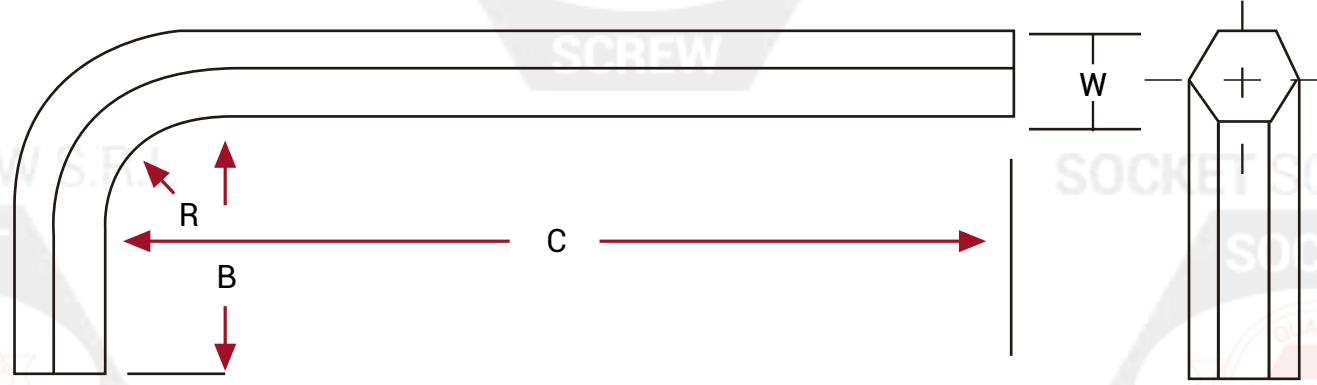


LLAVES ALLEN ALTA RESISTENCIA BRAZO CORTO Y LARGO MÉTRICO



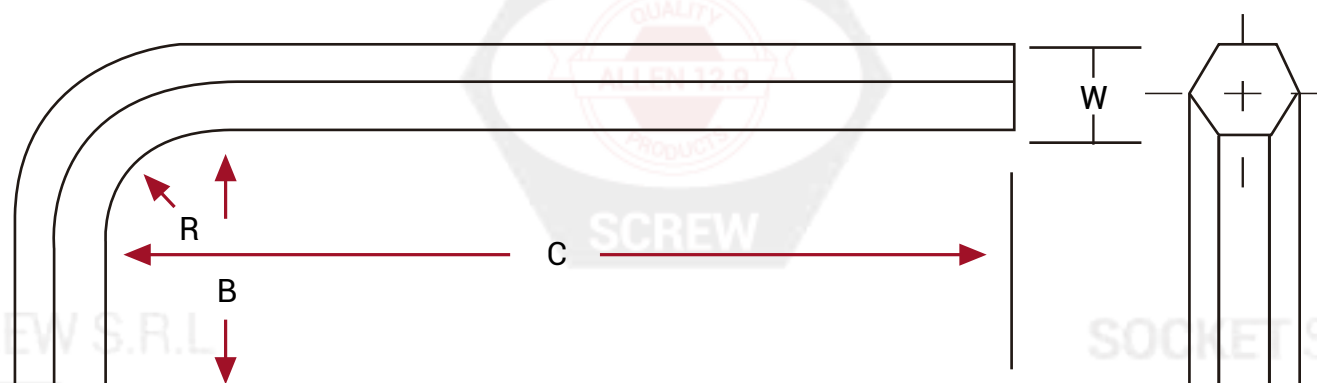
Dimensiones (mm)

Nominal Key or Bit and Socket Size	W Hexagon Width Across Flatt		Y Hexagon Width Across Corners		B Length of Short Arms		C Length of Long Arms				R Radius of Band	
	Max.	Min.	Max.	Min.	Max.	Min.	Short Series Max.	Short Series Min.	Long Series Max.	Long Series Min.	Max.	Min.
0.7	0.711	0.998	0.798	0.762	8	3	34	28	65	63	1.6	
0.0	0.899	0.76	0.998	0.960	11	6	34	28	71	65	1.5	
1.3	1.270	1.344	1.422	1.372	16	11	44	39	75	69	1.5	
1.5	1.500	1.470	1.690	1.640	14	13	45	43	76	72	1.5	
2	2.000	1.970	2.250	2.200	16	15	50	48	83	81	2.0	
2.5	2.500	2.470	2.820	2.770	18	17	58	53	90	87	2.5	
3	3.000	2.960	3.399	3.340	20	19	63	60	100	97	3.0	
4	4.000	3.960	4.532	4.470	25	23	70	66	106	102	4.0	
5	5.000	4.960	5.690	5.630	28	25	80	76	118	112	5.0	
6	6.000	5.360	6.828	6.760	32	30	90	86	140	136	6.0	
8	8.000	7.950	9.138	9.030	35	34	100	95	150	155	6.0	
10	10.000	9.960	11.470	11.340	40	38	112	106	170	164	10.0	
12	12.000	11.960	13.764	13.580	45	43	126	119	212	236	12.0	
14	14.000	13.930	16.058	15.960	56	53	140	133	236	229	14.0	
17	17.000	16.930	19.489	19.300	63	60	160	152	250	242	17.0	
19	19.000	18.930	21.793	21.580	70	67	180	171	290	271	19.0	
22	22.000	21.930	25.234	25.000	80	76	200	190	335	325	22.0	
24	24.000	23.930	27.525	27.240	90	86	224	213	375	364	24.0	
27	27.000	28.870	30.969	30.710	100	95	250	238	-	-	27.0	
32	32.000	31.840	36.704	36.430	125	119	315	300	-	-	32.0	
36	36.000	35.840	41.282	40.500	140	133	355	338	-	-	36.0	

Mechanical Properties

Key Size	Torsional Shear Strength Minimum		Torsional Yield Strength Minimum	
	N - M	IN - Lbs	N - M	IN - Lbs
0.7	0.13	1.2	0.12	1.1
0.9	0.27	2.4	0.24	2.1
1.3	0.79	7.0	0.65	5.9
1.5	1.20	10.5	1.02	9.0
2.0	3.0	26.5	2.7	24.0
2.5	6.2	55	5.4	46
3.0	10.5	93	9.1	80
4.0	24.9	220	21.7	190
5.0	45.3	430	42.5	375
6.0	83.5	740	72.6	645
8.0	199	1.760	173	1.530
10.0	385	3.420	336	2.970
12.0	634	5.510	551	4.580
14.0	995	5.500	367	7.700
17.0	1710	15.100	1490	13.200
19.0	2350	25.000	7070	18.300

LLAVES ALLEN ALTA RESISTENCIA BRAZO CORTO Y LARGO PULGADA



Dimensiones (inch)

W Wrench Size A/F	B Nominal	C Nominal	Minimum Torsional Shear Barelength		Minimum Torsional Yield	Minimum Torque
			short arm	long arm		
Max.	Min.		lb. In	lb. In	lb. In	lb. In
028	0275	219	1.219	1.219	1.2	0.86
035	0345	344	1.219	1.219	2.4	1.80
050	0490	533	1.656	1.656	7	5.00
1/16	0615	562	1.750	1.750	12	9.50
5/64	0771	609	1.875	1.875	26	19.40
3/32	0927	656	2.000	2.000	46	33.50
7/64	1077	703	2.125	2.125	73	52.90
1/8	1235	750	2.250	2.250	108	77.90
9/64	1391	796	2.375	2.375	154	117.00
5/32	1547	844	2.500	2.500	210	156.00
3/16	1060	938	2.750	2.750	364	273.00
7/32	2172	1.031	3.000	3.000	580	428.00
1/4	7480	1.125	3.250	3.250	860	615.00
5/16	3110	1.250	3.750	3.750	1635	1315.00
3/8	3730	1.375	4.250	4.250	2900	2150.00
7/16	4355	1.500	4.750	4.750	4400	3665.00
1/2	4975	1.625	5.250	5.250	6600	5130.00
9/16	5600	1.750	5.750	5.750	9200	7010.00
5/8	6225	1.875	6.250	6.250	12650	9810.00
3/4	7470	2.125	7.250	7.250	20800	15.570.00
7/8	8720	2.375	8.250	8.250	29200	23.400.00
1	9970	2.625	9.250	9.250	43700	35.100.00
1-1/4	1243	3.000	11.250	11.250	71900	-
1-1/2	1493	3.500	13.250	13.250	124000	-
1-3/4	1743	4.000	15.250	15.250	198000	-
2	1993	4.500	17.250	17.250	276000	-