

3049X Screwdriver sockets

for tri-square socket head screws (XZN[®]), extra long, DIN 2324, Chrome Alloy Steel, chrome plated.

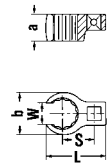


Code	size	L ₁ mm	L ₂ mm	d mm	g	g
02 26 12 08	M8	120	88	17.8	80	5
02 26 12 10	M10	120	88	17.8	106	5

440 CROW-RING spanners



Caution! Modified settings on torque wrench (refer to note on page 190). Chrome Alloy Steel, chrome plated.



Code	mm	"	L mm	b mm	a mm	S mm	W mm	g	g
01 19 00 08	8	1/4	23.8	12.7	8	12.3	6.3	11	1
01 19 00 09	9	1/4	28.5	18.2	13.5	14	6.7	21	1
01 19 00 10	10 ¹⁾	1/4	28.4	18.2	13.5	14	7.1	16	1
01 19 00 11	11	1/4	28	18.2	13.5	14	8.6	17	1
01 19 00 12	12 ¹⁾	1/4	30.8	20.6	14	15.7	9	20	1
01 19 00 13	13	1/4	32	22.2	14	16.4	10	20	1
01 19 00 14	14 ¹⁾	1/4	31.7	22.2	14	16.4	11.1	20	1
02 19 00 15	15	3/8	36.5	24.6	17.5	19.1	11.9	34	1
02 19 00 16	16	3/8	36.1	24.6	17.5	19.1	13	27	1
02 19 00 17	17 ²⁾	3/8	39.2	27.3	17.5	20.5	14	40	1
02 19 00 18	18	3/8	40.8	29	18.5	21.3	14.8	45	1
02 19 00 19	19 ²⁾	3/8	40.5	29	18.5	21.3	15.8	40	1
02 19 00 20	20	3/8	42.9	31.3	18.5	22.5	15.8	54	1
02 19 00 21	21	3/8	42.8	31.3	18.5	22.5	16.2	45	1
02 19 00 22	22 ²⁾	3/8	45.3	33.5	19	23.6	17	57	1
02 19 00 23	23	3/8	47.5	35.7	19.5	24.6	17.5	71	1
02 19 00 24	24 ²⁾	3/8	47.3	35.7	19.5	24.6	18	57	1
02 19 00 25	25	3/8	49.3	37.7	20	25.7	19	80	1
02 19 00 26	26	3/8	49.3	37.7	20	25.7	19	63	1
02 19 00 27	27	3/8	52.8	40	21.4	28.2	20	100	1
02 19 10 27	27DC ³⁾	3/8	57.1	42.1	15	29.3	20	92	1
03 19 00 28	28	1/2	56.8	42.1	22.5	29.3	21	120	1
03 19 00 30	30	1/2	63	48	22.5	32.5	22	155	1
03 19 00 32	32	1/2	62.5	48	22.5	32.5	24	137	1
03 19 00 34	34	1/2	64.2	50	24	33.5	27	148	1
03 19 00 36	36	1/2	66.5	51.9	24	34.6	27	150	1
03 19 00 38	38	1/2	68.1	53.9	24	35.6	28.6	147	1
03 19 00 40	40	1/2	71.8	57.9	24.5	37.7	31	160	1
03 19 00 41	41	1/2	71.8	57.9	24.5	37.7	31	169	1
03 19 00 42	42	1/2	71	57.9	24.5	37.7	33.2	189	1
03 19 00 46	46	1/2	77.7	64.2	26	40.9	34.1	229	1
03 19 00 50	50	1/2	83.2	70.5	27.5	44.1	39.7	295	1

¹⁾ For union nuts on fuel injection leads on 4-cylinder Mercedes-Benz diesel engines

²⁾ For use on suction or pressure lines within expansion valve of air conditioning unit (Mercedes-Benz)

³⁾ Slim-line version for setting of electronic injection on 440-HP-engines Mercedes-Benz series OM 442

440a CROW-RING spanners

Code	"	"	L mm	b mm	a mm	S mm	W mm	g	g
01 49 00 24	3/8 ¹⁾	1/4	28.4	18.2	13.5	14	7.1	14	1
01 49 00 28	7/16	1/4	28	18.2	13.5	14	8.6	14	1
01 49 00 32	1/2	1/4	30.5	20.6	14	15.7	10	19	1
01 49 00 34	9/16	1/4	31.7	22.2	14	16.4	11.1	23	1
02 49 00 36	5/8	3/8	36.5	24.6	17.5	19.1	11.9	33	1
02 49 00 38	11/16	3/8	39.2	27.3	17.5	20.5	14	36	1
02 49 00 40	3/4	3/8	40.9	29	18.5	21.3	14.2	44	1
02 49 00 42	13/16	3/8	42.9	31.3	18.5	22.5	15.8	51	1
02 49 00 44	7/8	3/8	45.2	33.5	19	23.6	17.5	62	1
02 49 00 46	15/16	3/8	47.2	35.7	19.5	24.6	18.3	63	1
02 49 00 48	1	3/8	49.3	37.7	20	25.7	19	71	1
02 49 00 50	1 1/16	3/8	52.8	40	21.4	28.2	20	84	1
03 49 00 52	1 1/8	1/2	56.8	42.1	22.5	29.3	21	110	1
03 49 00 56	1 1/4	1/2	62.5	48	22.5	32.5	23.8	137	1
03 49 00 58	1 5/16	1/2	62.3	48	22.5	32.5	24.6	130	1
03 49 00 60	1 3/8	1/2	64.2	50	24	33.5	27	138	1
03 49 00 62	1 7/16	1/2	66.5	51.9	24	34.6	27	143	1
03 49 00 64	1 1/2	1/2	68.1	53.9	24	35.6	28.6	152	1
03 49 00 65	1 9/16	1/2	70.1	55.9	24	36.7	29.4	172	1
03 49 00 66	1 5/8	1/2	71.8	57.9	24.5	37.7	31	169	1
03 49 00 68	1 3/4	1/2	75.6	62	25.5	39.8	33.2	199	1
03 49 00 69	1 13/16	1/2	77.7	64.2	26	40.9	34.1	229	1
03 49 00 72	2	1/2	83.2	70.5	27.5	44.1	39.7	277	1
03 49 00 76	2 1/4	1/2	91.2	78.7	29.5	48.2	42.8	337	1
03 49 00 77	2 5/16	1/2	93.3	80.9	30	49.2	43.6	309	1
03 49 00 78	2 3/8	1/2	95.2	83	30.5	50.2	46	385	1

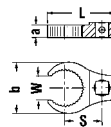
¹⁾ For Volvo aero-engines, types "JAS"

440S MJ CROW-RING spanners



Supersedes No 440 MJ

Caution! Modified settings on torque wrench (refer to note on page 190), EN 4108, for pipe unions with straight cylindrical involute toothing, HPQ high performance steel, chrome plated.



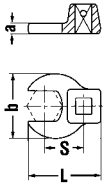
Code	Threaded nut	mm	"	L mm	b mm	a mm	S mm	W mm	g	g
01 21 10 10	MJ10	DN04	1/4	31.9	22	8	17	6.5	25	1
01 21 10 14	MJ14	DN06	1/4	36.5	27	8	19.5	8.5	30	1
02 21 10 16	MJ16	DN08	3/8	43.8	31	8	24	10.5	50	1
02 21 10 18	MJ18	DN10	3/8	45.2	33	8	25	13	45	1
02 21 10 20	MJ20	DN12	3/8	46.2	35	8	26	15	50	1
02 21 10 22	MJ22	DN14	3/8	48.4	37	9	27	17.5	55	1
02 21 10 24	MJ24	DN16	3/8	49.5	39	9	28	19.7	60	1
02 21 10 27	MJ27	DN18	3/8	54.4	44	10	31	21.5	75	1
02 21 10 30	MJ30	DN20	3/8	60.8	50	10	36	23.7	95	1



Official partner of
BMW Motorrad Motorsport

540 CROW-FOOT spanners

Caution! Modified settings on torque wrench (refer to note on page 190), Chrome Alloy Steel, chrome plated.



Code	mm	"	L mm	b mm	a mm	S mm	g	
01200008	8	1/4	25.5	19.8	6.3	14.6	21	1
01200009	9	1/4	25.5	19.8	6.3	14.6	21	1
01200010	10	1/4	25.5	19.8	6.3	14.6	20	1
02200011	11	3/8	32	22.2	6.3	17.4	36	1
02200012	12	3/8	34.3	25.4	6.3	18.2	37	1
02200013	13	3/8	34.3	25.4	6.3	17.8	36	1
02200014	14	3/8	37.7	30	6.3	20.8	46	1
02200015	15	3/8	37.7	30	6.3	20.4	45	1
02200016	16	3/8	37.7	30	6.3	19.9	45	1
02200017	17	3/8	42.5	38	6.3	23.8	62	1
02200018	18	3/8	42.5	38	6.3	22.9	61	1
02200019	19	3/8	42.5	38	6.3	22.4	64	1
02200020	20	3/8	42.4	38	6.3	25	55	1
02200021	21	3/8	44.5	41	6.3	23.6	59	1
02200022	22	3/8	44.5	41	6.3	24.2	64	1
02200023	23	3/8	44.5	41	6.3	25.8	63	1
02200024	24	3/8	44.4	41	6.3	26.2	60	1
02200025	25	3/8	47	45	8	26.4	75	1
02200026	26	3/8	47	45	8	27.6	80	1
02200027	27	3/8	47	45	8	27.6	76	1
02200028	28	3/8	50	50	8	29.3	78	1
02200030	30	3/8	50	50	8	29.3	84	1
02200032	32	3/8	53	57	8	30.5	95	1
02200034	34	3/8	54.5	60	8	31.6	107	1
02200036	36	3/8	56.5	62	8	32.8	100	1
02200040	40	3/8	63	70	8	37.6	130	1
02200041	41	3/8	63	70	8	37.2	130	1
02200042	42	3/8	63	70	8	37.7	125	1
02200046	46	3/8	72	82	8	43.1	191	1
02200050	50	3/8	75	88	8	45.4	217	1

540a CROW-FOOT spanners

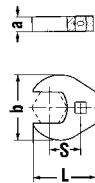
Code	"	"	L mm	b mm	a mm	S mm	g	
01500024	3/8	1/4	25.5	19.8	6.3	14.6	17	1
02500028	7/16	3/8	32	22.2	6.3	17.2	34	1
02500032	1/2	3/8	34.3	25.4	6.3	18.1	37	1
02500034	9/16	3/8	37.7	30	6.3	20.9	40	1
02500036	5/8	3/8	37.7	30	6.3	20.4	44	1
02500038	11/16	3/8	42.5	38	6.3	24.1	62	1
02500040	3/4	3/8	42.5	38	6.3	24	66	1
02500042	13/16	3/8	42.3	38	6.3	24	59	1
02500044	7/8	3/8	44.5	41	6.3	25.8	65	1
02500048	1	3/8	47	45	8	26.7	78	1
02500050	1 1/16	3/8	47	45	8	27.2	78	1
02500052	1 1/8	3/8	50	50	8	28.5	84	1
02500054	1 3/16	3/8	50	50	8	29.2	83	1
02500056	1 1/4	3/8	53	57	8	30.3	101	1
02500058	1 5/16	3/8	53	57	8	31.2	101	1
02500060	1 3/8	3/8	54.5	60	8	32.3	105	1
02500062	1 7/16	3/8	56.5	62	8	33.1	107	1
02500064	1 1/2	3/8	58	65	8	34.5	118	1
02500065	1 9/16	3/8	59.5	68	8	35.7	126	1
02500066	1 5/8	3/8	63	70	8	37.3	140	1
02500067	1 11/16	3/8	63	70	8	37.7	126	1
02500068	1 3/4	3/8	68	76	8	40.4	161	1
02500070	1 7/8	3/8	72	82	8	42	205	1
02500072	2	3/8	75	88	8	44.8	214	1
02500074	2 1/8	3/8	75.6	91	10	46	265	1
02500076	2 1/4	3/8	80.5	96	10	49.5	297	1
03500078	2 3/8	1/2	81.5	96	8	51.3	214	1

540a HD CROW-FOOT spanners Heavy Duty



For particularly high loadings, e.g. stainless steel screw fittings. Full use of jaws in conjunction with standard ratchets.

Caution! Modified settings on torque wrench (refer to note on page 190), chrome plated. Supplied without ratchet.



Code	"	"	L mm	b mm	a mm	S mm	g	
02501034	9/16	3/8	43.4	32	11	26.8	72	1
02501036	5/8	3/8	45	34.8	11	27.7	79	1
02501038	11/16	3/8	47.2	38	11	28.6	87	1
02501042	13/16	3/8	51	46.4	11	30.5	114	1
02501044	7/8	3/8	52	48	11	31.3	118	1
02501046	15/16	3/8	54	51.2	11	32.3	130	1
02501048	1	3/8	56	53.4	11	33.2	137	1
02501050	1 1/16	3/8	57	53.8	11	34.1	136	1
02501052	1 1/8	3/8	59	53.8	11	35	140	1
02501056	1 1/4	3/8	62	60	11	36.8	168	1
02501062	1 7/16	3/8	66.5	66	11	39.6	192	1
03501064	1 1/2	1/2	76	70	16	45	358	1
03501069	1 13/16	1/2	85	84	16	49.6	470	1
03501072	2	1/2	89	90	16	52.3	505	1
03501074	2 1/8	1/2	91.5	92.8	16	54.2	523	1
03501075	2 3/16	1/2	93	96	16	55.1	545	1
03501076	2 1/4	1/2	95	99	16	56	568	1

