



END FITTINGS 9x12 SE

7112

RECTANGULAR OPEN END FITTING 9x12

- For accessing bolts in cramped and hard-to-reach locations, easy to change
- Forged
- Chrome-vanadium steel, matt chrome-plated
- With eject-pin for unlocking

9x12



□mm	○mm	mm↔	○mm	Depth gauge	↕	Code	No.
9 x 12	7	5.0	22.0	17.5	0.035	7688390	7112-07
9 x 12	8	5.0	22.0	17.5	0.035	7688550	7112-08
9 x 12	9	5.5	26.0	17.5	0.035	7679050	7112-09
9 x 12	10	5.5	26.0	17.5	0.040	7688630	7112-10
9 x 12	11	5.5	26.0	17.5	0.030	7688980	7112-11
9 x 12	12	7.0	30.0	17.5	0.035	7679560	7112-12
9 x 12	13	7.0	30.0	17.5	0.035	7689010	7112-13
9 x 12	14	8.0	35.0	17.5	0.040	7689360	7112-14
9 x 12	15	8.0	35.0	17.5	0.040	7689440	7112-15
9 x 12	16	8.5	38.0	20.0	0.045	7679990	7112-16
9 x 12	17	8.5	38.0	20.0	0.050	7689600	7112-17
9 x 12	18	9.0	42.0	20.0	0.060	7684560	7112-18
9 x 12	19	9.0	42.0	20.0	0.060	7689790	7112-19

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RECTANGULAR RING END FITTING 9x12

- For accessing bolts in cramped and hard-to-reach locations, easy to change
- Forged
- Chrome-vanadium steel, matt chrome-plated
- With eject-pin for unlocking

9x12



□mm	○mm	mm↔	○mm	Depth gauge	↕	Code	No.
9 x 12	7	8.0	13.0	17.5	0.030	7691340	7212-07
9 x 12	8	8.0	14.2	17.5	0.030	7691420	7212-08
9 x 12	10	9.0	17.2	17.5	0.030	7691690	7212-10
9 x 12	11	9.0	18.5	17.5	0.030	7691770	7212-11
9 x 12	12	12.0	20.0	17.5	0.035	7677940	7212-12
9 x 12	13	12.0	21.5	17.5	0.035	7691930	7212-13
9 x 12	14	12.0	23.0	17.5	0.040	7692230	7212-14
9 x 12	15	12.0	24.2	17.5	0.040	7692580	7212-15
9 x 12	16	13.0	25.7	17.5	0.040	7678080	7212-16
9 x 12	17	13.0	27.0	17.5	0.040	7692740	7212-17
9 x 12	18	13.0	28.5	17.5	0.040	7678160	7212-18
9 x 12	19	13.0	30.3	17.5	0.040	7692820	7212-19
9 x 12	21	15.0	33.0	17.5	0.050	7678240	7212-21
9 x 12	22	15.0	34.5	17.5	0.050	7693040	7212-22

7312

RECTANGULAR FLARED END FITTING 9x12

- For accessing bolts in cramped and hard-to-reach locations, easy to change
- Forged
- Chrome-vanadium steel, matt chrome-plated
- With eject-pin for unlocking

9x12



□mm	○mm	mm↔	○mm	Depth gauge	Opening width	↕	Code	No.
9 x 12	10	12.0	22.0	17.5	7.0	0.040	7685290	7312-10
9 x 12	11	12.0	22.5	17.5	8.5	0.040	7685370	7312-11
9 x 12	12	12.0	23.7	17.5	9.0	0.040	7699590	7312-12
9 x 12	13	12.0	25.2	17.5	10.0	0.040	7679210	7312-13
9 x 12	14	12.0	27.0	17.5	11.2	0.050	7679480	7312-14
9 x 12	17	13.0	31.5	17.5	14.0	0.065	7685880	7312-17
9 x 12	18	15.0	33.0	17.5	14.5	0.065	7679640	7312-18
9 x 12	19	15.0	34.5	17.5	15.0	0.065	7686260	7312-19

7412

RECTANGULAR REVERSIBLE RATCHET HEAD 9x12

- For accessing bolts in cramped and hard-to-reach locations, easy to change
- Forged
- Chrome-vanadium steel, matt chrome-plated
- With eject-pin for unlocking
- Fine-toothed
- Return angle 5 degrees

9x12



□mm	∠°	■	mm↔	○mm	Depth gauge	↕	Code	No.
9 x 12	5	1/4	6.3	14.0	22	17.5	0.060	7672710 7412-00
9 x 12	5	3/8	10.0	24.0	33	17.5	0.140	7686500 7412-01
9 x 12	5	1/2	12.5	28.3	33	17.5	0.150	7687230 7412-02

Max. continuous load of ratchet according to DIN EN ISO 6789:2003 and/or maximum load of cavity

No.	Continuous load
7412-00	1/4" = 30 N·m
7412-01	3/8" = 135 N·m