

CYLINDERS & SEALING

Cylinder Components & Mountings

Rods, tubes, mounts and associated cylinder components.

Ordering references: MHT 40x50MM / MHT 50x60MM / MHT 63x76MM / MHT 80x90MM / MHT 80x100MM / MHT 100x120MM / MHT 100x130MM / MHT 120x140MM / MHT 120x150MM / SCHR 16MM / SCHR 25MM / SCHR 32MM / SCHR 40MM / SCHR 50MM / SCHR 60MM / SCHR 80MM / SCHR 100MM / SCHR 150MM / SCHR 1" / SCHR 2" / SCHR 3" / CON TFCLM16X15 / CON TFCLM20X15 / CON TFCLM24X2 / CON TFCLM30X2 / CON TFCLM33X2 / CON WFCL16P / CON WFCL20P / CON WFCL25P / CON WFCL30P / CON WFCL35P

Cylinder barrel tubing exact stock selection

Part code	Finish	Inside diameter mm	Mass kg per m (kg/m)	Material reference	Outside diameter mm	Wall thickness mm
MHT 40x50MM	mechanically burnished	40	5.55	ST52B	50	5
MHT 50x60MM	mechanically burnished	50	6.78	ST52B	60	5
MHT 63x76MM	mechanically burnished	63	11.14	ST52B	76	6.5
MHT 80x90MM	mechanically burnished	80	10.48	ST52B	90	5
MHT 80x100MM	mechanically burnished	80	22.18	ST52B	100	10
MHT 100x120MM	mechanically burnished	100	27.11	ST52B	120	10
MHT 100x130MM	mechanically burnished	100	42.52	ST52B	130	15
MHT 120x140MM	mechanically burnished	120	32.04	ST52B	140	10
MHT 120x150MM	mechanically burnished	120	49.91	ST52B	150	15

ST 52 B mechanically burnished cylinder-barrel stock by inside diameter, outside diameter and wall thickness. Stock dimensions do not establish a finished-cylinder pressure rating. Confirm material certification, tolerance, straightness and bore surface finish for the cylinder design.

Chrome rod exact stock selection

Part code	Mass kg per m (kg/m)	Material reference	Rod diameter mm	Surface
SCHR 16MM	1.58	CK45	16	chrome plated; thickness/roughness not established
SCHR 25MM	3.85	CK45	25	chrome plated; thickness/roughness not established
SCHR 32MM	6.31	CK45	32	chrome plated; thickness/roughness not established

Chrome rod exact stock selection

Part code	Mass kg per m (kg/m)	Material reference	Rod diameter mm	Surface
SCHR 40MM	9.86	CK45	40	chrome plated; thickness/roughness not established
SCHR 50MM	15.41	CK45	50	chrome plated; thickness/roughness not established
SCHR 60MM	22.18	CK45	60	chrome plated; thickness/roughness not established
SCHR 80MM	39.44	CK45	80	chrome plated; thickness/roughness not established
SCHR 100MM	61.62	CK45	100	chrome plated; thickness/roughness not established
SCHR 150MM	138.65	CK45	150	chrome plated; thickness/roughness not established
SCHR 1"	3.98	CK45	25.4	chrome plated; thickness/roughness not established
SCHR 2"	15.9	CK45	50.8	chrome plated; thickness/roughness not established
SCHR 3"	35.78	CK45	76.2	chrome plated; thickness/roughness not established

CK 45 chrome rod stock by diameter and mass per metre. Confirm chrome thickness, hardness, straightness, diameter tolerance and surface roughness. Rod diameter alone does not establish cylinder force, buckling capacity or seal suitability.

Cylinder threaded fork labelled dimensions

Part code	Dimension h mm	Dimension l mm	Dimension q mm	Dimension w mm	Dimension z1 mm	Dimension z mm	P dimension	Thread f
CON TFCLM16X15	16	55	35	16	24	39	16, 20	M16×1.5
CON TFCLM20X15	20	65	40	20	30	45	20, 25	M20×1.5
CON TFCLM24X2	25	75	50	25	30	50	25, 25	M24×2
CON TFCLM30X2	30	95	60	30	35	65	30, 25	M30×2
CON TFCLM33X2	35	110	70	35	40	75	35, 25	M33×2

Cylinder clevis dimensions retain the drawing letter references. Use the original dimensional drawing to confirm installation and pin geometry. The ambiguous two-value P entry is not a confirmed drilling diameter. Material, welding requirements and permissible load require confirmation.

Cylinder weldable fork labelled dimensions

Part code	Dimension h mm	Dimension l mm	Dimension q mm	Dimension r mm	Dimension w mm	Dimension z1 mm	Dimension z mm	P dimension
CON WFCL16P	16	50	35	16	16	24	34	16, 20
CON WFCL20P	20	60	40	20	20	30	40	20, 25
CON WFCL25P	25	70	50	25	25	30	45	25, 25
CON WFCL30P	30	80	60	30	30	35	50	30, 25
CON WFCL35P	35	90	70	35	35	40	55	35, 25

Cylinder clevis dimensions retain the drawing letter references. Use the original dimensional drawing to confirm installation and pin geometry. The ambiguous two-value P entry is not a confirmed drilling diameter. Material, welding requirements and permissible load require confirmation.

Application & quotation checklist

Bore, rod diameter and stroke; Working pressure and required force; Mounting arrangement and closed length; Seal material, environment and drawing

Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.