

MCSr Concrete Screw, stainless steel 316

HOBSON Part prefix: MUMMCSRK

Features

- European Technical Assessment Option 1 for cracked and non-cracked concrete
- ETAG 001 - 06 - Approved for multiple use in cracked and non-cracked concrete for non-structural applications
- Fire resistance up to F120 is part of the approval
- The anchor may also be used under seismic influence for performance category C1 (h_{nom}3: Ø 8, 10, 12, 14)
- User-friendly, time-saving installation
- 3 Setting depths
- Allows adjustment or dismantling
- All possible head version in range
- Small edge and spacing distances
- High loads
- Guarantees a clean and uniform appearance
- Through fixing
- Outdoor applications

Applications

railings, hand-rails, consoles, profiles, substructures, steel constructions, wooden constructions, ventilation systems, pipes, high-racks

Technical Data

	Non-cracked concrete C20/25 tension load (kN)	Cracked concrete C20/25 tension load (kN)	Concrete C20/25 shear load (kN)	Min. distance betw. anchors mm	Min. edge distance mm		Minimum thickness of concrete member mm	Clearance hole in fixture mm	Installation torque (Nm)	Wrench size		Drive
					s _{min}	c _{min}				h _{min}	d _f	
Ø 6	0.6/1.9/4.3	0.6/1.0/1.9	3.3	35/40/40	35/40/40	100/100/100	8	10	13		T30	
Ø 8	3.6/5.7/7.6	2.4/4.3/5.7	8.1	40/50/50	40/50/50	100/100/120	12	20	13		T40	
Ø 10	5.7/9.5/12.0	4.3/8.0/9.6	16.2	50/50/50	50/50/50	100/130/130	14	40	15		T50	

The partial safety factors of the resistances as well as a partial safety factor of the load of $\gamma_F = 1.4$ are considered / The technical data is only valid for single fixings without consideration of edge and anchor distances / Only valid for setting depths according to approval / 1 kN \approx 100 kg / European Technical Assessment Option 1 for cracked and non-cracked concrete ($\geq 6 \times 50$) / ETAG 001 - 06 - Approved for multiple use in cracked and non-cracked concrete for non-structural applications ($\geq 5 + 6$)

Installation

 ONLINE **FREE** Design software download: hobson.com.au/mungo-software
hobson.com.au **QUALITY FASTENERS SINCE 1935**


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Code	Article code	Drill \varnothing mm	Length mm	Length of screw in building material mm	Drilling depth mm	Usable length mm	Head \varnothing mm	Box qty
		d_0	L	$h_{non1} / h_{non2} / h_{non3}$	$h_{1/1} / h_{1/2} / h_{1/3}$	$t_{hd1} / t_{hd2} / t_{hd3}$	d_t	
MUMMCSR5600605	5600605	6	50	35/40/-	40/45/-	15/10/-	15	100
MUMMCSR5600606	5600606	6	60	35/40/55	40/45/60	25/20/5	15	100
MUMMCSR5600807	5600807	8	70	45/55/65	55/65/75	25/15/5	16	50
MUMMCSR5600808	5600808	8	80	45/55/65	55/65/75	35/25/15	16	50
MUMMCSR5601009	5601009	10	90	55/75/85	65/85/95	35/15/5	20	50
MUMMCSR5601010	5601010	10	100	55/75/85	65/85/95	45/25/15	20	50
MUMMCSR5601012	5601012	10	120	55/75/85	65/85/95	65/45/35	20	50

MCSr-S Concrete Screw with hexagon head with washer, stainless steel A4/316

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Code	Article code	Drill \varnothing mm	Length mm	Length of screw in building material mm	Drilling depth mm	Usable length mm	Head \varnothing mm	Box qty
		d_0	L	$h_{non1} / h_{non2} / h_{non3}$	$h_{1/1} / h_{1/2} / h_{1/3}$	$t_{hd1} / t_{hd2} / t_{hd3}$	d_t	
MUMMCSRK5610605	5610605	6	50	35/40/-	40/45/-	15/10/-	13	100
MUMMCSRK5610606	5610606	6	65	35/40/55	40/45/60	30/25/10	13	100
MUMMCSRK5610608	5610608	6	85	35/40/55	40/45/60	50/45/30	13	100
MUMMCSRK5610610	5610610	6	105	35/40/55	40/45/60	70/65/50	13	100
MUMMCSRK5610808	5610808	8	80	45/55/65	55/65/75	35/25/15	19	50
MUMMCSRK5611009	5611009	10	90	55/75/85	65/85/95	35/15/5	21.5	50

MCSr-SK Concrete Screw with countersunk head, stainless steel A4/316

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Code	Article code	Drill \varnothing mm	Length mm	Length of screw in building material mm	Drilling depth mm	Usable length mm	Head \varnothing mm	Box qty
		d_0	L	$h_{non1} / h_{non2} / h_{non3}$	$h_{1/1} / h_{1/2} / h_{1/3}$	$t_{hd1} / t_{hd2} / t_{hd3}$	d_t	
MUMMCSR5620605	5620605	6	50	35/40/-	40/45/-	15/10/-	15	100
MUMMCSR5620606	5620606	6	60	35/40/55	40/45/60	25/20/5	15	100
MUMMCSR5620608	5620608	6	80	35/40/55	40/45/60	45/40/25	15	100
MUMMCSR5620610	5620610	6	100	35/40/55	40/45/60	65/60/45	15	100

MCSr-P Concrete Screw with pan head, stainless steel A4/316

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